284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : NWIRP BETHPAGE 112G08005-WE13

TETRA TECH NUS, INC.

661 Andersen Drive

Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID : Q2251

ATTENTION : Ernie Wu

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q2251

Project ID : NWIRP Bethpage 112G08005-WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q2251-01	BP-VPB-182-TB-20250603
Q2251-02	BP-VPB-182-GW-740-742
Q2251-03	BP-VPB-182-GW-760-762
Q2251-05	BP-VPB-182-EB-20250604
Q2251-06	VPB182-HYD-20250605
Q2251-07	BP-VPB-182-GW-780-782

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:40 am, Jun 19, 2025

Date: 6/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage 112G08005-WE13
Project Manager # Ernie Wu
Order ID # Q2251
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 06/05/2025.
5 Water samples were received on 06/05/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1 and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID VN086940.D met the requirements except for Bromoform is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

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E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

The Sample #BP-VPB-182-GW-780-782 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

The laboratory certifies that the all-electronic diskette deliverable exactly match the data Summary forms (i.e. Form Is)."

The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature___ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:41 am, Jun 19, 2025

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2251 MATRIX: /Water

METHOD: 8260D

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements. The Initial Calibration met the requirements. The Continuous Calibration File ID VN086940.D met the requirements except for Bromoform is failing high but no positive hit in associate sample therefore no corrective action taken.			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓
9.	Internal Standard Area/Retention Time Shift Meet Criteria Comments:			✓
10.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:			✓

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS:

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

The Sample #BP-VPB-182-GW-780-782 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

The not QT review data is reported in the Miscellaneous.

The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is >20% for the Initial Calibration curve for SW-846 analysis.

QA REVIEW

REVIEWED
By Sohil Jodhani, QA/QC Director at 10:38 am, Jun 19, 2025

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2251

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 06/18/2025

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LAB CHRONICLE

OrderID:	Q2251	**OrderDate:**	6/5/2025 4:31:00 PM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	L31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2251-01	**BP-VPB-182-TB-20250603**	**Water**			**06/03/25**			**06/05/25**
			VOCMS Group1	8260-Low			06/10/25	
Q2251-02	**BP-VPB-182-GW-740-742**	**Water**			**06/03/25**			**06/05/25**
			VOCMS Group1	8260-Low			06/10/25	
Q2251-03	**BP-VPB-182-GW-760-762**	**Water**			**06/03/25**			**06/05/25**
			VOCMS Group1	8260-Low			06/10/25	
Q2251-05	**BP-VPB-182-EB-20250604**	**Water**			**06/04/25**			**06/05/25**
			VOCMS Group1	8260-Low			06/10/25	
Q2251-06	**VPB182-HYD-20250605**	**Water**			**06/05/25**			**06/05/25**
			VOCMS Group1	8260-Low			06/11/25	
Q2251-07	**BP-VPB-182-GW-780-782**	**SOIL**			**06/04/25**			**06/05/25**
			VOCMS Group1	8260D			06/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2251

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**BP-VPB-182-GW-740-742**								
Q2251-02	BP-VPB-182-GW-7	Water	Acetone	5.00		1.50	3.80	5.00	ug/L
			Total Voc :	5.00					
			Total Concentration:	5.00					
Client ID:	**BP-VPB-182-GW-760-762**								
Q2251-03	BP-VPB-182-GW-7	Water	Acetone	2.20	J	1.50	3.80	5.00	ug/L
			Total Voc :	2.20					
			Total Concentration:	2.20					
Client ID:	**BP-VPB-182-EB-20250604**								
Q2251-05	BP-VPB-182-EB-2(	Water	Acetone	60.3		1.50	3.80	5.00	ug/L
Q2251-05	BP-VPB-182-EB-2(	Water	Methylene Chloride	1.60		0.28	0.50	1.00	ug/L
Q2251-05	BP-VPB-182-EB-2(	Water	2-Butanone	9.70		0.98	2.50	5.00	ug/L
			Total Voc :	71.6					
			Total Concentration:	71.6					
Client ID:	**VPB182-HYD-20250605**								
Q2251-06	VPB182-HYD-2025	Water	Dibromochloromethane	1.20		0.18	0.50	1.00	ug/L
			Total Voc :	1.20					
			Total Concentration:	1.20					
Client ID:	**BP-VPB-182-GW-780-782**								
Q2251-07	BP-VPB-182-GW-7	SOIL	Bromomethane	8.00	J	7.10	26.7	33.3	ug/Kg
Q2251-07	BP-VPB-182-GW-7	SOIL	Acetone	100	J	31.6	130	170	ug/Kg
			Total Voc :	108					
			Total Concentration:	108					

QC SUMMARY

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Surrogate Summary

SDG No.: Q2251

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2251-07	BP-VPB-182-GW-780-782	1,2-Dichloroethane-d4	50	54.0	108	71	136
		Dibromofluoromethane	50	51.1	102	78	119
		Toluene-d8	50	49.8	99	85	116
		4-Bromofluorobenzene	50	41.2	82	79	119
VY0611SBL01	VY0611SBL01	1,2-Dichloroethane-d4	50	48.4	97	71	136
		Dibromofluoromethane	50	50.6	101	78	119
		Toluene-d8	50	50.0	100	85	116
		4-Bromofluorobenzene	50	39.6	79	79	119
VY0611SBS01	VY0611SBS01	1,2-Dichloroethane-d4	50	52.1	104	71	136
		Dibromofluoromethane	50	53.3	107	78	119
		Toluene-d8	50	53.9	108	85	116
		4-Bromofluorobenzene	50	51.1	102	79	119
VY0611SBSD01	VY0611SBSD01	1,2-Dichloroethane-d4	50	50.5	101	71	136
		Dibromofluoromethane	50	51.6	103	78	119
		Toluene-d8	50	52.0	104	85	116
		4-Bromofluorobenzene	50	48.8	98	79	119

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Surrogate Summary

SDG No.: Q2251

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2251-01	BP-VPB-182-TB-20250603	1,2-Dichloroethane-d4	50	49.0	98	81	118
		Dibromofluoromethane	50	49.0	98	80	119
		Toluene-d8	50	51.9	104	89	112
		4-Bromofluorobenzene	50	49.3	99	85	114
Q2251-02	BP-VPB-182-GW-740-742	1,2-Dichloroethane-d4	50	48.1	96	81	118
		Dibromofluoromethane	50	48.9	98	80	119
		Toluene-d8	50	51.4	103	89	112
		4-Bromofluorobenzene	50	49.9	100	85	114
Q2251-03	BP-VPB-182-GW-760-762	1,2-Dichloroethane-d4	50	47.6	95	81	118
		Dibromofluoromethane	50	48.9	98	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	50.1	100	85	114
Q2251-05	BP-VPB-182-EB-20250604	1,2-Dichloroethane-d4	50	50.2	100	81	118
		Dibromofluoromethane	50	50.1	100	80	119
		Toluene-d8	50	52.0	104	89	112
		4-Bromofluorobenzene	50	49.7	99	85	114
Q2251-06	VPB182-HYD-20250605	1,2-Dichloroethane-d4	50	47.9	96	81	118
		Dibromofluoromethane	50	49.5	99	80	119
		Toluene-d8	50	49.4	99	89	112
		4-Bromofluorobenzene	50	48.3	97	85	114
VN0610WBL01	VN0610WBL01	1,2-Dichloroethane-d4	50	46.7	93	81	118
		Dibromofluoromethane	50	49.0	98	80	119
		Toluene-d8	50	51.5	103	89	112
		4-Bromofluorobenzene	50	49.0	98	85	114
VN0610WBS01	VN0610WBS01	1,2-Dichloroethane-d4	50	45.4	91	81	118
		Dibromofluoromethane	50	49.5	99	80	119
		Toluene-d8	50	48.6	97	89	112
		4-Bromofluorobenzene	50	48.3	97	85	114
VN0610WBSD0	VN0610WBSD01	1,2-Dichloroethane-d4	50	47.0	94	81	118
		Dibromofluoromethane	50	49.8	100	80	119
		Toluene-d8	50	48.1	96	89	112
		4-Bromofluorobenzene	50	48.6	97	85	114
VN0611WBL01	VN0611WBL01	1,2-Dichloroethane-d4	50	48.3	97	81	118
		Dibromofluoromethane	50	49.3	99	80	119
		Toluene-d8	50	51.7	103	89	112
		4-Bromofluorobenzene	50	49.4	99	85	114
VN0611WBS02	VN0611WBS02	1,2-Dichloroethane-d4	50	47.1	94	81	118
		Dibromofluoromethane	50	51.1	102	80	119
		Toluene-d8	50	48.7	97	89	112
		4-Bromofluorobenzene	50	50.0	100	85	114

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2251

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low **Datafile :** VN086916.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0610WBS01	Chloromethane	20	15.9	ug/L	79			50	139	
	Vinyl chloride	20	18.0	ug/L	90			58	137	
	Bromomethane	20	19.7	ug/L	99			53	141	
	Chloroethane	20	18.4	ug/L	92			60	138	
	Trichlorofluoromethane	20	18.3	ug/L	92			65	141	
	1,1,2-Trichlorotrifluoroethane	20	18.2	ug/L	91			70	136	
	1,1-Dichloroethene	20	18.7	ug/L	94			71	131	
	Acetone	100	80.3	ug/L	80			39	160	
	Carbon disulfide	20	17.1	ug/L	86			64	133	
	Methyl tert-butyl Ether	20	18.7	ug/L	94			71	124	
	Methylene Chloride	20	17.4	ug/L	87			74	124	
	trans-1,2-Dichloroethene	20	17.9	ug/L	90			75	124	
	1,1-Dichloroethane	20	18.2	ug/L	91			77	125	
	2-Butanone	100	84.0	ug/L	84			56	143	
	Carbon Tetrachloride	20	18.8	ug/L	94			72	136	
	cis-1,2-Dichloroethene	20	18.7	ug/L	94			78	123	
	Chloroform	20	18.2	ug/L	91			79	124	
	1,1,1-Trichloroethane	20	18.1	ug/L	91			74	131	
	Methylcyclohexane	20	15.9	ug/L	79			72	132	
	Benzene	20	18.5	ug/L	93			79	120	
	1,2-Dichloroethane	20	18.7	ug/L	94			73	128	
	Trichloroethene	20	19.3	ug/L	97			79	123	
	1,2-Dichloropropane	20	18.6	ug/L	93			78	122	
	Bromodichloromethane	20	18.8	ug/L	94			79	125	
	4-Methyl-2-Pentanone	100	91.5	ug/L	92			67	130	
	Toluene	20	19.0	ug/L	95			80	121	
	t-1,3-Dichloropropene	20	19.6	ug/L	98			73	127	
	cis-1,3-Dichloropropene	20	19.3	ug/L	97			75	124	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			80	119	
	2-Hexanone	100	87.4	ug/L	87			57	139	
	Dibromochloromethane	20	19.5	ug/L	98			74	126	
	Tetrachloroethene	20	17.9	ug/L	90			74	129	
	Chlorobenzene	20	18.9	ug/L	95			82	118	
	Ethyl Benzene	20	18.3	ug/L	92			79	121	
	m/p-Xylenes	40	37.7	ug/L	94			80	121	
	o-Xylene	20	18.9	ug/L	95			78	122	
	Styrene	20	19.0	ug/L	95			78	123	
	Bromoform	20	20.1	ug/L	101			66	130	
	Isopropylbenzene	20	18.1	ug/L	91			72	131	
	1,1,2,2-Tetrachloroethane	20	19.4	ug/L	97			71	121	
	1,3-Dichlorobenzene	20	18.8	ug/L	94			80	119	
	1,4-Dichlorobenzene	20	18.7	ug/L	94			79	118	
	1,2-Dichlorobenzene	20	18.8	ug/L	94			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2251

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low **Datafile :** VN086917.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0610WBSD01	Chloromethane	20	16.1	ug/L	81	3		50	139	20
	Vinyl chloride	20	18.2	ug/L	91	1		58	137	20
	Bromomethane	20	19.2	ug/L	96	3		53	141	20
	Chloroethane	20	18.9	ug/L	95	3		60	138	20
	Trichlorofluoromethane	20	18.7	ug/L	94	2		65	141	20
	1,1,2-Trichlorotrifluoroethane	20	18.4	ug/L	92	1		70	136	20
	1,1-Dichloroethene	20	18.8	ug/L	94	0		71	131	20
	Acetone	100	84.2	ug/L	84	5		39	160	20
	Carbon disulfide	20	17.4	ug/L	87	1		64	133	20
	Methyl tert-butyl Ether	20	19.7	ug/L	99	5		71	124	20
	Methylene Chloride	20	18.6	ug/L	93	7		74	124	20
	trans-1,2-Dichloroethene	20	18.3	ug/L	92	2		75	124	20
	1,1-Dichloroethane	20	18.9	ug/L	95	4		77	125	20
	2-Butanone	100	90.8	ug/L	91	8		56	143	20
	Carbon Tetrachloride	20	19.2	ug/L	96	2		72	136	20
	cis-1,2-Dichloroethene	20	19.2	ug/L	96	2		78	123	20
	Chloroform	20	18.7	ug/L	94	3		79	124	20
	1,1,1-Trichloroethane	20	18.4	ug/L	92	1		74	131	20
	Methylcyclohexane	20	16.3	ug/L	81	3		72	132	20
	Benzene	20	19.0	ug/L	95	2		79	120	20
	1,2-Dichloroethane	20	19.9	ug/L	100	6		73	128	20
	Trichloroethene	20	19.7	ug/L	99	2		79	123	20
	1,2-Dichloropropane	20	19.5	ug/L	98	5		78	122	20
	Bromodichloromethane	20	20.0	ug/L	100	6		79	125	20
	4-Methyl-2-Pentanone	100	98.3	ug/L	98	6		67	130	20
	Toluene	20	19.4	ug/L	97	2		80	121	20
	t-1,3-Dichloropropene	20	20.6	ug/L	103	5		73	127	20
	cis-1,3-Dichloropropene	20	20.3	ug/L	102	5		75	124	20
	1,1,2-Trichloroethane	20	20.2	ug/L	101	3		80	119	20
	2-Hexanone	100	94.9	ug/L	95	9		57	139	20
	Dibromochloromethane	20	20.9	ug/L	104	6		74	126	20
	Tetrachloroethene	20	18.4	ug/L	92	2		74	129	20
	Chlorobenzene	20	19.8	ug/L	99	4		82	118	20
	Ethyl Benzene	20	18.8	ug/L	94	2		79	121	20
	m/p-Xylenes	40	38.0	ug/L	95	1		80	121	20
	o-Xylene	20	19.7	ug/L	99	4		78	122	20
	Styrene	20	19.8	ug/L	99	4		78	123	20
	Bromoform	20	21.0	ug/L	105	4		66	130	20
	Isopropylbenzene	20	18.6	ug/L	93	2		72	131	20
	1,1,2,2-Tetrachloroethane	20	20.9	ug/L	104	7		71	121	20
	1,3-Dichlorobenzene	20	19.5	ug/L	98	4		80	119	20
	1,4-Dichlorobenzene	20	19.3	ug/L	97	3		79	118	20
	1,2-Dichlorobenzene	20	19.8	ug/L	99	5		80	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2251

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low **Datafile :** VN086944.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0611WBS02	Chloromethane	20	16.1	ug/L	81			50	139	
	Vinyl chloride	20	18.9	ug/L	95			58	137	
	Bromomethane	20	16.6	ug/L	83			53	141	
	Chloroethane	20	19.4	ug/L	97			60	138	
	Trichlorofluoromethane	20	19.2	ug/L	96			65	141	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98			70	136	
	1,1-Dichloroethene	20	19.2	ug/L	96			71	131	
	Acetone	100	99.0	ug/L	99			39	160	
	Carbon disulfide	20	17.8	ug/L	89			64	133	
	Methyl tert-butyl Ether	20	19.6	ug/L	98			71	124	
	Methylene Chloride	20	19.0	ug/L	95			74	124	
	trans-1,2-Dichloroethene	20	18.5	ug/L	93			75	124	
	1,1-Dichloroethane	20	19.4	ug/L	97			77	125	
	2-Butanone	100	90.4	ug/L	90			56	143	
	Carbon Tetrachloride	20	19.2	ug/L	96			72	136	
	cis-1,2-Dichloroethene	20	19.5	ug/L	98			78	123	
	Chloroform	20	19.5	ug/L	98			79	124	
	1,1,1-Trichloroethane	20	19.0	ug/L	95			74	131	
	Methylcyclohexane	20	16.9	ug/L	85			72	132	
	Benzene	20	19.3	ug/L	97			79	120	
	1,2-Dichloroethane	20	19.5	ug/L	98			73	128	
	Trichloroethene	20	19.9	ug/L	100			79	123	
	1,2-Dichloropropane	20	19.6	ug/L	98			78	122	
	Bromodichloromethane	20	19.6	ug/L	98			79	125	
	4-Methyl-2-Pentanone	100	98.0	ug/L	98			67	130	
	Toluene	20	19.5	ug/L	98			80	121	
	t-1,3-Dichloropropene	20	19.9	ug/L	100			73	127	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			75	124	
	1,1,2-Trichloroethane	20	20.4	ug/L	102			80	119	
	2-Hexanone	100	89.2	ug/L	89			57	139	
	Dibromochloromethane	20	20.5	ug/L	103			74	126	
	Tetrachloroethene	20	19.2	ug/L	96			74	129	
	Chlorobenzene	20	20.0	ug/L	100			82	118	
	Ethyl Benzene	20	19.6	ug/L	98			79	121	
	m/p-Xylenes	40	39.6	ug/L	99			80	121	
	o-Xylene	20	20.2	ug/L	101			78	122	
	Styrene	20	20.1	ug/L	101			78	123	
	Bromoform	20	21.0	ug/L	105			66	130	
	Isopropylbenzene	20	19.3	ug/L	97			72	131	
	1,1,2,2-Tetrachloroethane	20	21.0	ug/L	105			71	121	
	1,3-Dichlorobenzene	20	20.3	ug/L	102			80	119	
	1,4-Dichlorobenzene	20	20.4	ug/L	102			79	118	
	1,2-Dichlorobenzene	20	20.0	ug/L	100			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2251

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260D **Datafile :** VY022654.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0611SBS01	Chloromethane	20	19.1	ug/Kg	96			50	136	
	Vinyl chloride	20	22.8	ug/Kg	114			56	135	
	Bromomethane	20	22.7	ug/Kg	114			53	143	
	Chloroethane	20	24.3	ug/Kg	121			59	139	
	Trichlorofluoromethane	20	24.2	ug/Kg	121			62	140	
	1,1,2-Trichlorotrifluoroethane	20	22.1	ug/Kg	111			66	136	
	1,1-Dichloroethene	20	21.5	ug/Kg	108			70	131	
	Acetone	100	140	ug/Kg	140			36	164	
	Carbon disulfide	20	20.4	ug/Kg	102			63	132	
	Methyl tert-butyl Ether	20	19.5	ug/Kg	98			73	125	
	Methylene Chloride	20	22.6	ug/Kg	113			70	128	
	trans-1,2-Dichloroethene	20	21.6	ug/Kg	108			74	125	
	1,1-Dichloroethane	20	21.4	ug/Kg	107			76	125	
	2-Butanone	100	120	ug/Kg	120			51	148	
	Carbon Tetrachloride	20	21.2	ug/Kg	106			70	135	
	cis-1,2-Dichloroethene	20	21.5	ug/Kg	108			77	123	
	Chloroform	20	22.3	ug/Kg	112			78	123	
	1,1,1-Trichloroethane	20	22.2	ug/Kg	111			73	130	
	Methylcyclohexane	20	19.9	ug/Kg	100			66	133	
	Benzene	20	21.2	ug/Kg	106			77	121	
	1,2-Dichloroethane	20	21.1	ug/Kg	106			73	128	
	Trichloroethene	20	22.4	ug/Kg	112			77	123	
	1,2-Dichloropropane	20	21.6	ug/Kg	108			76	123	
	Bromodichloromethane	20	21.3	ug/Kg	106			75	127	
	4-Methyl-2-Pentanone	100	93.4	ug/Kg	93			65	135	
	Toluene	20	21.1	ug/Kg	106			77	121	
	t-1,3-Dichloropropene	20	20.1	ug/Kg	101			71	130	
	cis-1,3-Dichloropropene	20	20.6	ug/Kg	103			74	126	
	1,1,2-Trichloroethane	20	20.8	ug/Kg	104			78	121	
	2-Hexanone	100	100	ug/Kg	100			53	145	
	Dibromochloromethane	20	20.3	ug/Kg	102			74	126	
	Tetrachloroethene	20	24.8	ug/Kg	124			73	128	
	Chlorobenzene	20	21.6	ug/Kg	108			79	120	
	Ethyl Benzene	20	20.7	ug/Kg	104			76	122	
	m/p-Xylenes	40	42.1	ug/Kg	105			77	124	
	o-Xylene	20	20.9	ug/Kg	104			77	123	
	Styrene	20	20.2	ug/Kg	101			76	124	
	Bromoform	20	19.2	ug/Kg	96			67	132	
	Isopropylbenzene	20	20.1	ug/Kg	101			68	134	
	1,1,2,2-Tetrachloroethane	20	17.6	ug/Kg	88			70	124	
	1,3-Dichlorobenzene	20	20.4	ug/Kg	102			77	121	
	1,4-Dichlorobenzene	20	20.4	ug/Kg	102			75	120	
	1,2-Dichlorobenzene	20	20.3	ug/Kg	102			78	121	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2251

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260D **Datafile :** VY022655.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0611SBSD01	Chloromethane	20	18.7	ug/Kg	94	2		50	136	20
	Vinyl chloride	20	23.3	ug/Kg	117	3		56	135	20
	Bromomethane	20	22.5	ug/Kg	113	1		53	143	20
	Chloroethane	20	24.0	ug/Kg	120	1		59	139	20
	Trichlorofluoromethane	20	25.0	ug/Kg	125	3		62	140	20
	1,1,2-Trichlorotrifluoroethane	20	22.3	ug/Kg	112	1		66	136	20
	1,1-Dichloroethene	20	20.8	ug/Kg	104	4		70	131	20
	Acetone	100	150	ug/Kg	150	7		36	164	20
	Carbon disulfide	20	20.3	ug/Kg	102	0		63	132	20
	Methyl tert-butyl Ether	20	20.4	ug/Kg	102	4		73	125	20
	Methylene Chloride	20	23.0	ug/Kg	115	2		70	128	20
	trans-1,2-Dichloroethene	20	21.8	ug/Kg	109	1		74	125	20
	1,1-Dichloroethane	20	21.6	ug/Kg	108	1		76	125	20
	2-Butanone	100	120	ug/Kg	120	0		51	148	20
	Carbon Tetrachloride	20	21.4	ug/Kg	107	1		70	135	20
	cis-1,2-Dichloroethene	20	21.6	ug/Kg	108	0		77	123	20
	Chloroform	20	22.4	ug/Kg	112	0		78	123	20
	1,1,1-Trichloroethane	20	22.1	ug/Kg	111	0		73	130	20
	Methylcyclohexane	20	20.0	ug/Kg	100	0		66	133	20
	Benzene	20	21.9	ug/Kg	110	4		77	121	20
	1,2-Dichloroethane	20	21.7	ug/Kg	109	3		73	128	20
	Trichloroethene	20	21.8	ug/Kg	109	3		77	123	20
	1,2-Dichloropropane	20	21.7	ug/Kg	109	1		76	123	20
	Bromodichloromethane	20	22.1	ug/Kg	111	5		75	127	20
	4-Methyl-2-Pentanone	100	98.1	ug/Kg	98	5		65	135	20
	Toluene	20	21.5	ug/Kg	108	2		77	121	20
	t-1,3-Dichloropropene	20	20.6	ug/Kg	103	2		71	130	20
	cis-1,3-Dichloropropene	20	20.8	ug/Kg	104	1		74	126	20
	1,1,2-Trichloroethane	20	21.8	ug/Kg	109	5		78	121	20
	2-Hexanone	100	110	ug/Kg	110	10		53	145	20
	Dibromochloromethane	20	21.4	ug/Kg	107	5		74	126	20
	Tetrachloroethene	20	24.6	ug/Kg	123	1		73	128	20
	Chlorobenzene	20	21.9	ug/Kg	110	2		79	120	20
	Ethyl Benzene	20	20.7	ug/Kg	104	0		76	122	20
	m/p-Xylenes	40	41.8	ug/Kg	104	1		77	124	20
	o-Xylene	20	20.7	ug/Kg	104	0		77	123	20
	Styrene	20	20.8	ug/Kg	104	3		76	124	20
	Bromoform	20	20.3	ug/Kg	102	6		67	132	20
	Isopropylbenzene	20	20.9	ug/Kg	104	3		68	134	20
	1,1,2,2-Tetrachloroethane	20	19.5	ug/Kg	98	11		70	124	20
	1,3-Dichlorobenzene	20	21.3	ug/Kg	106	4		77	121	20
	1,4-Dichlorobenzene	20	21.8	ug/Kg	109	7		75	120	20
	1,2-Dichlorobenzene	20	21.4	ug/Kg	107	5		78	121	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0610WBL01

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VN086915.D Lab Sample ID: VN0610WBL01

Date Analyzed: 06/10/2025 Time Analyzed: 10:09

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0610WBS01	VN0610WBS01	VN086916.D	06/10/2025
VN0610WBSD01	VN0610WBSD01	VN086917.D	06/10/2025
BP-VPB-182-GW-740-742	Q2251-02	VN086928.D	06/10/2025
BP-VPB-182-GW-760-762	Q2251-03	VN086929.D	06/10/2025
BP-VPB-182-TB-20250603	Q2251-01	VN086932.D	06/10/2025
BP-VPB-182-EB-20250604	Q2251-05	VN086933.D	06/10/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0611WBL01

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VN086942.D Lab Sample ID: VN0611WBL01

Date Analyzed: 06/11/2025 Time Analyzed: 12:28

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0611WBS02	VN0611WBS02	VN086944.D	06/11/2025
VPB182-HYD-20250605	Q2251-06	VN086946.D	06/11/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0611SBL01

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VY022653.D Lab Sample ID: VY0611SBL01

Date Analyzed: 06/11/2025 Time Analyzed: 10:30

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0611SBS01	VY0611SBS01	VY022654.D	06/11/2025
VY0611SBSD01	VY0611SBSD01	VY022655.D	06/11/2025
BP-VPB-182-GW-780-782	Q2251-07	VY022658.D	06/11/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VN086861.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_N BFB Injection Time: 07:59

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.3
75	30.0 - 60.0% of mass 95	48.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	4.7 (7.1) 1
176	95.0 - 101.0% of mass 174	65.3 (98.1) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN086862.D	06/06/2025	12:44
VSTDICC005	VSTDICC005	VN086863.D	06/06/2025	13:17
VSTDICC020	VSTDICC020	VN086864.D	06/06/2025	13:40
VSTDICCC050	VSTDICCC050	VN086865.D	06/06/2025	14:03
VSTDICC100	VSTDICC100	VN086866.D	06/06/2025	14:26
VSTDICC150	VSTDICC150	VN086867.D	06/06/2025	14:49

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VN086912.D BFB Injection Date: 06/10/2025

Instrument ID: MSVOA_N BFB Injection Time: 08:39

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.1
75	30.0 - 60.0% of mass 95	47.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	73.1
175	5.0 - 9.0% of mass 174	5.3 (7.2) 1
176	95.0 - 101.0% of mass 174	71.3 (97.5) 1
177	5.0 - 9.0% of mass 176	4.9 (6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN086913.D	06/10/2025	09:13
VN0610WBL01	VN0610WBL01	VN086915.D	06/10/2025	10:09
VN0610WBS01	VN0610WBS01	VN086916.D	06/10/2025	10:30
VN0610WBSD01	VN0610WBSD01	VN086917.D	06/10/2025	11:04
BP-VPB-182-GW-740-742	Q2251-02	VN086928.D	06/10/2025	15:00
BP-VPB-182-GW-760-762	Q2251-03	VN086929.D	06/10/2025	15:22
BP-VPB-182-TB-20250603	Q2251-01	VN086932.D	06/10/2025	16:26
BP-VPB-182-EB-20250604	Q2251-05	VN086933.D	06/10/2025	16:48
VSTDCCC050EC	VSTDCCC050	VN086938.D	06/10/2025	18:57

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VN086939.D BFB Injection Date: 06/11/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:22

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.7
75	30.0 - 60.0% of mass 95	46.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	71.1
175	5.0 - 9.0% of mass 174	5.4 (7.5) 1
176	95.0 - 101.0% of mass 174	68.8 (96.8) 1
177	5.0 - 9.0% of mass 176	4.8 (7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN086940.D	06/11/2025	11:32
VN0611WBL01	VN0611WBL01	VN086942.D	06/11/2025	12:28
VN0611WBS02	VN0611WBS02	VN086944.D	06/11/2025	13:27
VPB182-HYD-20250605	Q2251-06	VN086946.D	06/11/2025	14:22
VSTDCCC050EC	VSTDCCC050	VN086965.D	06/11/2025	21:23

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VY022488.D BFB Injection Date: 06/02/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:31

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.6
75	30.0 - 60.0% of mass 95	58.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.6) 1
174	50.0 - 100.0% of mass 95	86.2
175	5.0 - 9.0% of mass 174	6.6 (7.6) 1
176	95.0 - 101.0% of mass 174	82.5 (95.6) 1
177	5.0 - 9.0% of mass 176	5.4 (6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY022491.D	06/02/2025	11:46
VSTDICC010	VSTDICC010	VY022492.D	06/02/2025	12:09
VSTDICC020	VSTDICC020	VY022493.D	06/02/2025	12:32
VSTDICCC050	VSTDICCC050	VY022494.D	06/02/2025	12:54
VSTDICC100	VSTDICC100	VY022495.D	06/02/2025	13:17
VSTDICC150	VSTDICC150	VY022496.D	06/02/2025	13:39

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VY022651.D BFB Injection Date: 06/11/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:22

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.6
75	30.0 - 60.0% of mass 95	59.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	86.1
175	5.0 - 9.0% of mass 174	6.7 (7.8) 1
176	95.0 - 101.0% of mass 174	83 (96.3) 1
177	5.0 - 9.0% of mass 176	5.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022652.D	06/11/2025	09:59
VY0611SBL01	VY0611SBL01	VY022653.D	06/11/2025	10:30
VY0611SBS01	VY0611SBS01	VY022654.D	06/11/2025	11:01
VY0611SBSD01	VY0611SBSD01	VY022655.D	06/11/2025	11:23
BP-VPB-182-GW-780-782	Q2251-07	VY022658.D	06/11/2025	12:48
VSTDCCC050EC	VSTDCCC050	VY022664.D	06/11/2025	15:07

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VN086913.D Date Analyzed: 06/10/2025

Instrument ID: MSVOA_N Time Analyzed: 09:13

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	239452	8.23	422119	9.11	362285	11.87
UPPER LIMIT	478904	8.73	844238	9.606	724570	12.365
LOWER LIMIT	119726	7.73	211060	8.606	181143	11.365
EPA SAMPLE NO.						
BP-VPB-182-TB-20250603	351776	8.23	656962	9.11	575035	11.87
BP-VPB-182-GW-740-742	345182	8.23	642235	9.11	564142	11.87
BP-VPB-182-GW-760-762	337846	8.23	630375	9.11	558009	11.87
BP-VPB-182-EB-20250604	207035	8.24	385111	9.11	340856	11.87
VN0610WBL01	241251	8.23	440901	9.11	386425	11.87
VN0610WBS01	249843	8.23	443174	9.11	389297	11.87
VN0610WBSD01	231054	8.23	413772	9.11	362257	11.87

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VN086913.D Date Analyzed: 06/10/2025

Instrument ID: MSVOA_N Time Analyzed: 09:13

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	170987	13.788				
UPPER LIMIT	341974	14.288				
LOWER LIMIT	85493.5	13.288				
EPA SAMPLE NO.						
BP-VPB-182-TB-20250603	273719	13.79				
BP-VPB-182-GW-740-742	270892	13.79				
BP-VPB-182-GW-760-762	267650	13.79				
BP-VPB-182-EB-20250604	162809	13.79				
VN0610WBL01	183380	13.79				
VN0610WBS01	189620	13.79				
VN0610WBSD01	176612	13.79				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VN086940.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	205098	8.23	357643	9.11	312173	11.87
UPPER LIMIT	410196	8.73	715286	9.606	624346	12.365
LOWER LIMIT	102549	7.73	178822	8.606	156087	11.365
EPA SAMPLE NO.						
VPB182-HYD-20250605	313297	8.23	589692	9.11	504294	11.87
VN0611WBL01	328120	8.23	618651	9.11	543433	11.87
VN0611WBS02	206799	8.24	370524	9.11	321188	11.87

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VN086940.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	152136	13.788				
UPPER LIMIT	304272	14.288				
LOWER LIMIT	76068	13.288				
EPA SAMPLE NO.						
VPB182-HYD-20250605	239780	13.79				
VN0611WBL01	257257	13.79				
VN0611WBS02	157403	13.79				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VY022652.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:59

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	157578	7.71	265316	8.62	226799	11.41
UPPER LIMIT	315156	8.207	530632	9.116	453598	11.914
LOWER LIMIT	78789	7.207	132658	8.116	113400	10.914
EPA SAMPLE NO.						
BP-VPB-182-GW-780-782	210051	7.71	390122	8.62	315222	11.41
VY0611SBL01	167932	7.71	308222	8.62	245642	11.41
VY0611SBS01	154377	7.71	263261	8.62	218934	11.41
VY0611SBSD01	154293	7.71	261377	8.62	216375	11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG NO.: Q2251

Lab File ID: VY022652.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:59

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	106876	13.346				
UPPER LIMIT	213752	13.846				
LOWER LIMIT	53438	12.846				
EPA SAMPLE NO.						
BP-VPB-182-GW-780-782	106070	13.35				
VY0611SBL01	84338	13.35				
VY0611SBS01	105447	13.35				
VY0611SBSD01	102308	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-TB-20250603	SDG No.:	Q2251
Lab Sample ID:	Q2251-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086932.D	1		06/10/25 16:26	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-TB-20250603	SDG No.:	Q2251
Lab Sample ID:	Q2251-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086932.D	1		06/10/25 16:26	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.0		81 - 118		98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	51.8		89 - 112		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	352000	8.229				
540-36-3	1,4-Difluorobenzene	657000	9.106				
3114-55-4	Chlorobenzene-d5	575000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	274000	13.788				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-TB-20250603	SDG No.:	Q2251
Lab Sample ID:	Q2251-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086932.D	1		06/10/25 16:26	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086932.D
Acq On : 10 Jun 2025 16:26
Operator : JC\MD
Sample : Q2251-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

Quant Time: Jun 11 01:57:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	351776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	656962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	575035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	273719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	230658	48.973	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.940%			
35) Dibromofluoromethane	8.177	113	190795	49.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.020%			
50) Toluene-d8	10.565	98	799111	51.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.847	95	282537	49.341	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.680%			

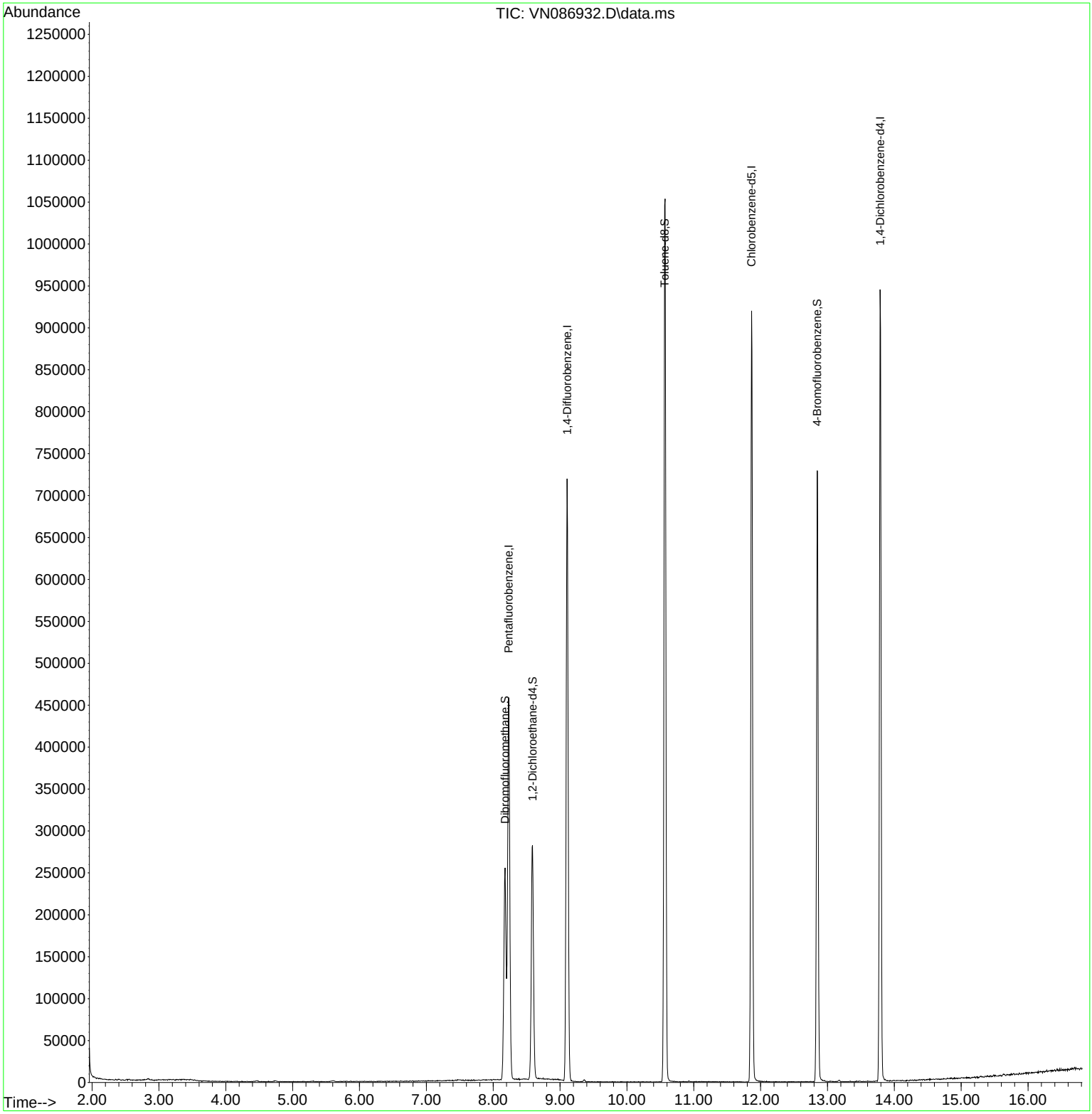
Target Compounds Qvalue

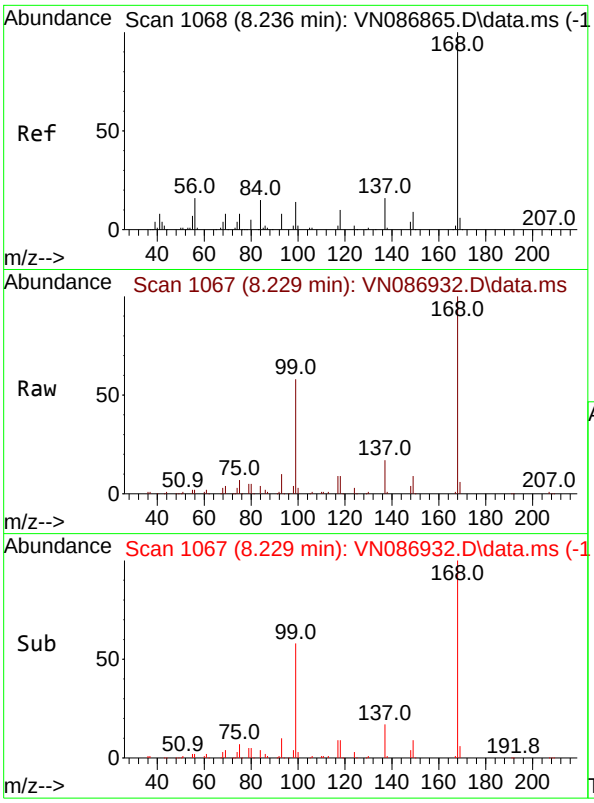
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086932.D
Acq On : 10 Jun 2025 16:26
Operator : JC\MD
Sample : Q2251-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

Quant Time: Jun 11 01:57:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



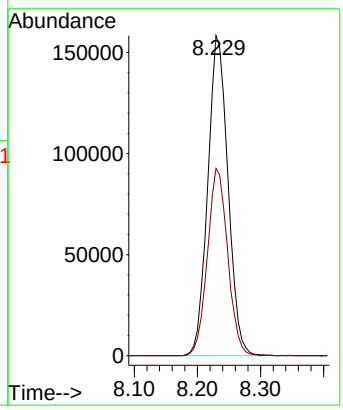


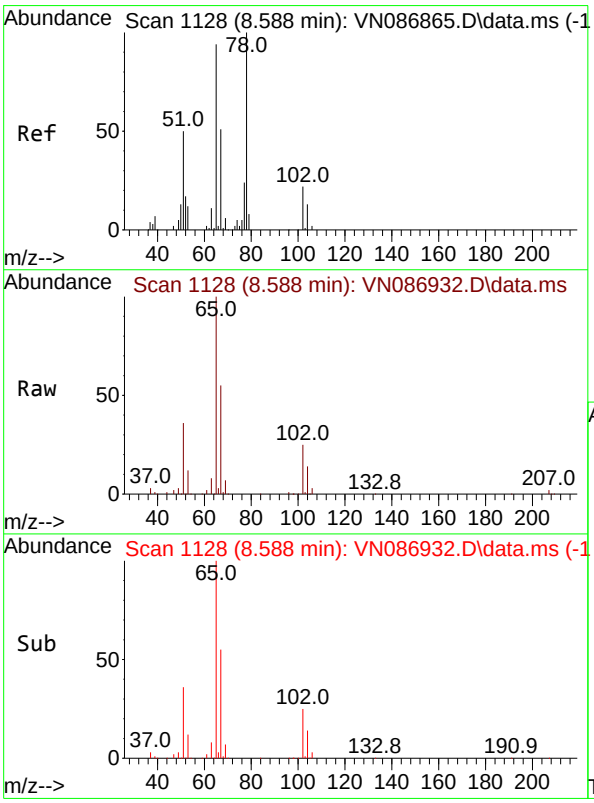
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN086932.D
Acq: 10 Jun 2025 16:26

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

Tgt Ion:168 Resp: 351776

Ion	Ratio	Lower	Upper
168	100		
99	58.5	49.1	73.7

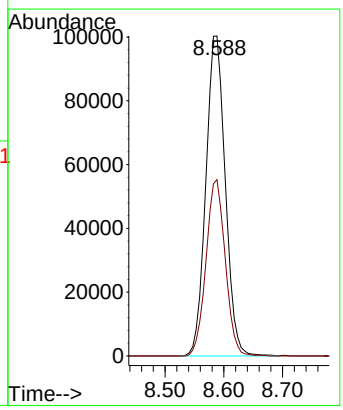


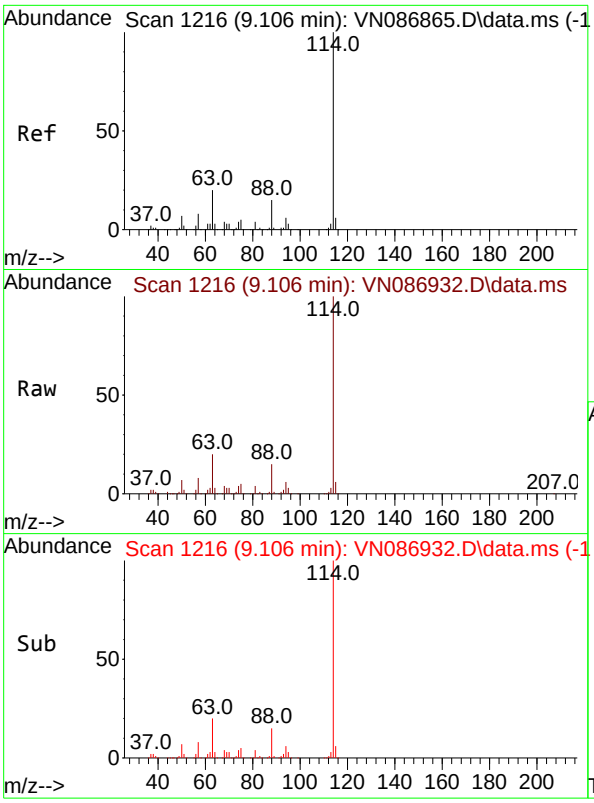


#33
1,2-Dichloroethane-d4
Concen: 48.973 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086932.D
Acq: 10 Jun 2025 16:26

Tgt Ion: 65 Resp: 230658

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.6



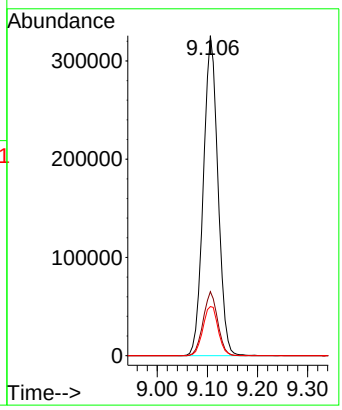


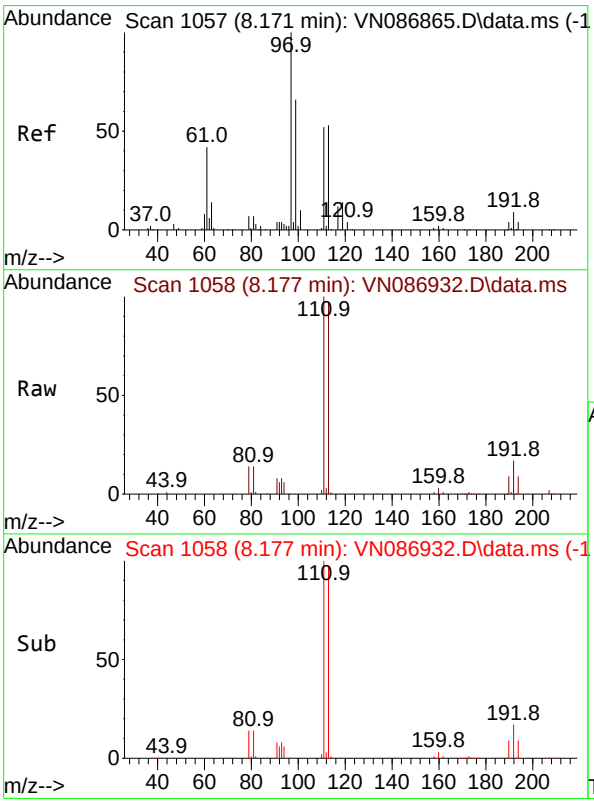
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086932.D
Acq: 10 Jun 2025 16:26

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

Tgt Ion:114 Resp: 656962

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	15.4	0.0	30.2

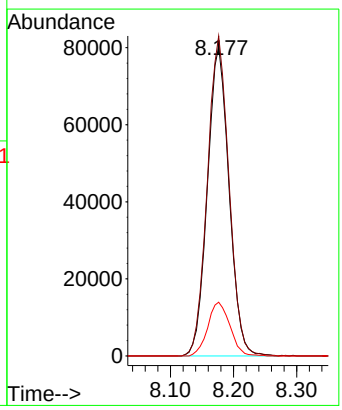


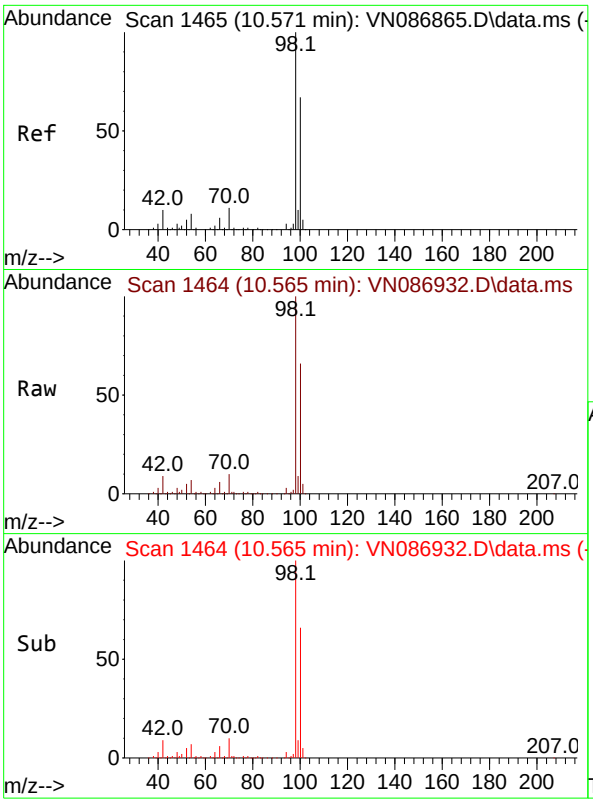


#35
Dibromofluoromethane
Concen: 49.006 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086932.D
Acq: 10 Jun 2025 16:26

Tgt Ion:113 Resp: 190795

Ion	Ratio	Lower	Upper
113	100		
111	103.7	84.2	126.2
192	17.8	14.2	21.4



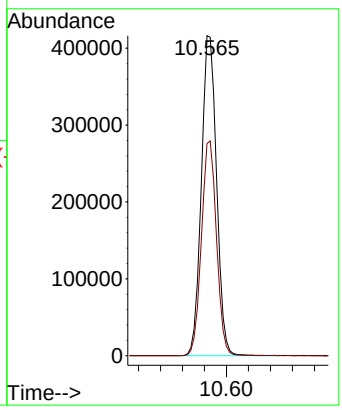


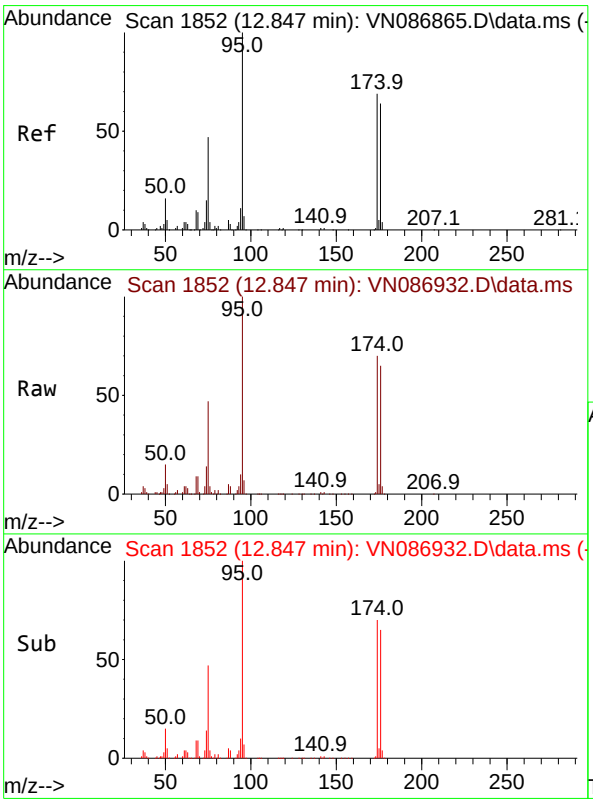
#50
Toluene-d8
Concen: 51.848 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086932.D
Acq: 10 Jun 2025 16:26

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

Tgt Ion: 98 Resp: 799111

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.4	80.0

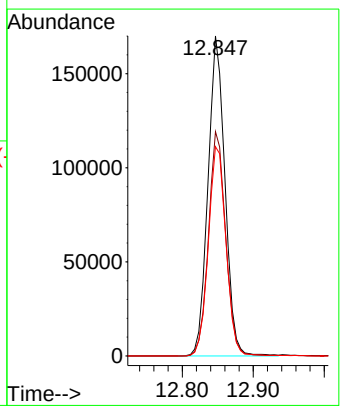


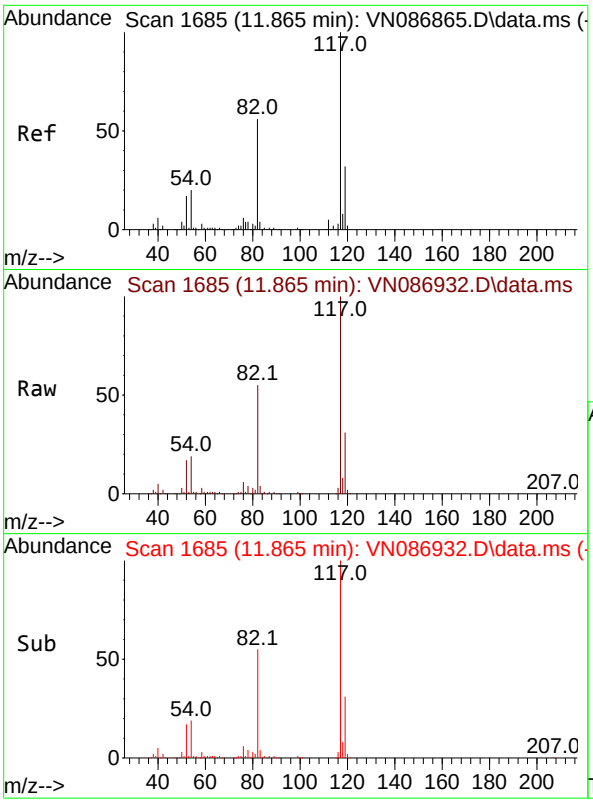


#62
4-Bromofluorobenzene
Concen: 49.341 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086932.D
Acq: 10 Jun 2025 16:26

Tgt Ion: 95 Resp: 282537

Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	141.8
176	67.9	0.0	132.6



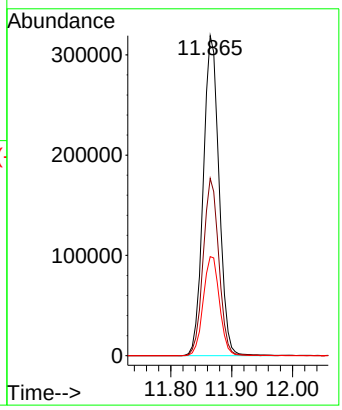


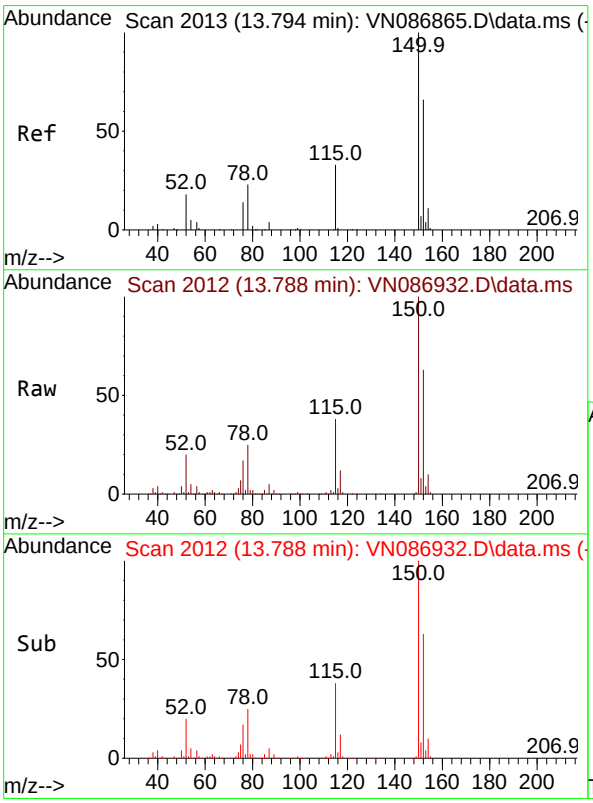
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086932.D
Acq: 10 Jun 2025 16:26

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

Tgt Ion:117 Resp: 575035

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.6	67.0
119	31.0	25.5	38.3

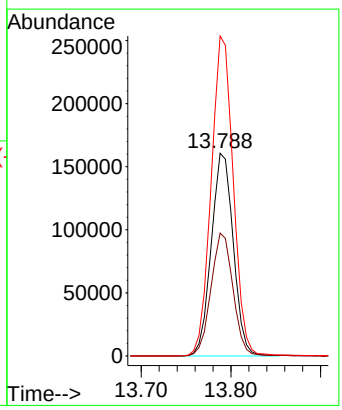




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086932.D
Acq: 10 Jun 2025 16:26

Tgt Ion:152 Resp: 273719

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.1	90.5
150	158.7	0.0	345.0



Sample Results: **VN086932.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086932.D
Acq On : 10 Jun 2025 16:26
Operator : JC\MD
Sample : Q2251-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN086932.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.177	1048	1058	1062	rBV	253032	591719	29.21%	5.782%
2	8.229	1062	1067	1079	rVB	455250	1024897	50.60%	10.015%
3	8.588	1117	1128	1141	rBV	279552	644463	31.82%	6.298%
4	9.106	1207	1216	1230	rVB	718466	1453648	71.77%	14.205%
5	10.570	1456	1465	1480	rBV	1053259	2025526	100.00%	19.794%
6	11.865	1676	1685	1701	rBV	919678	1664113	82.16%	16.262%
7	12.847	1844	1852	1865	rBV	729196	1228711	60.66%	12.007%
8	13.788	2005	2012	2023	rBV	944300	1600096	79.00%	15.636%

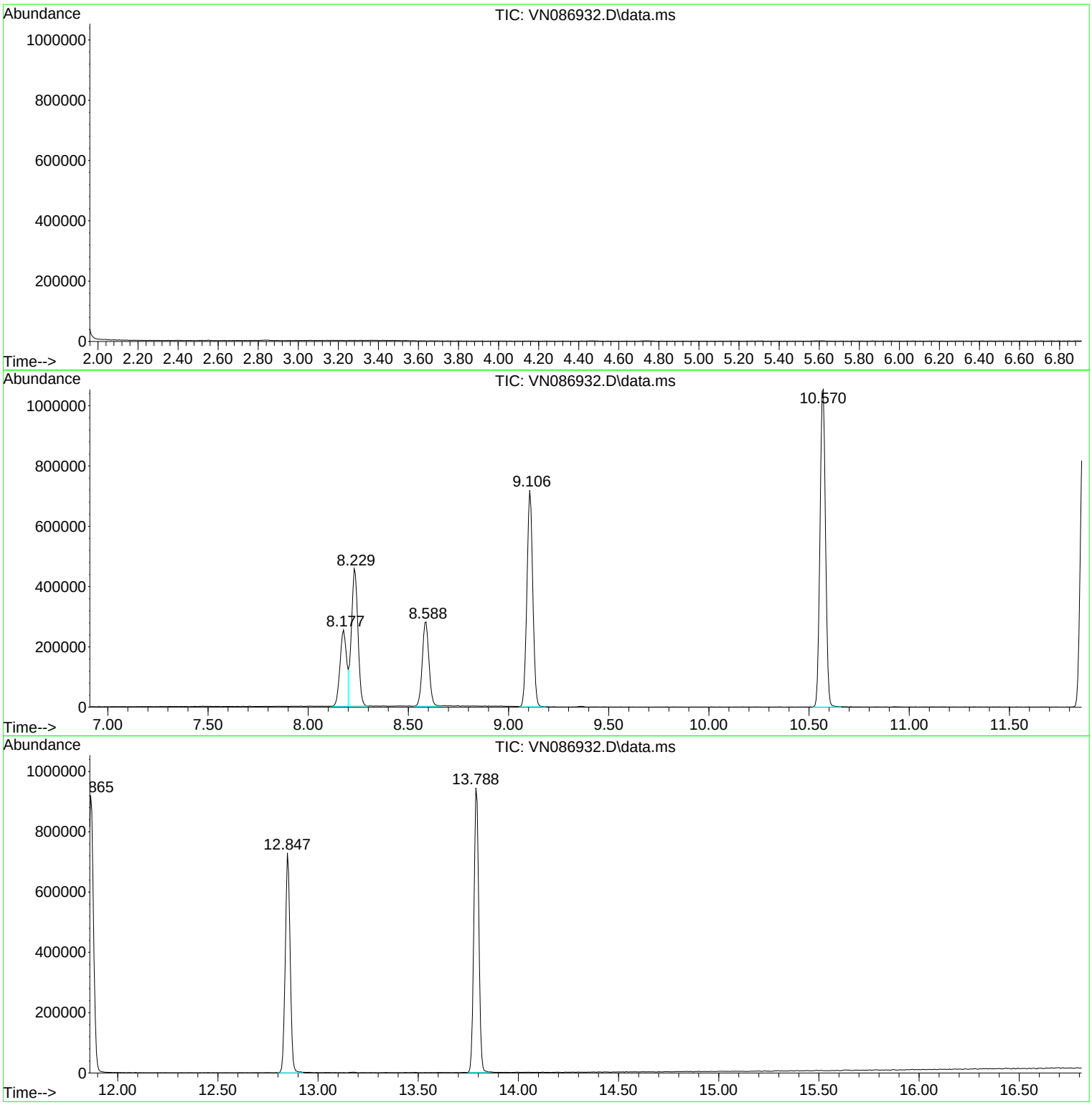
Sum of corrected areas: 10233173

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086932.D
Acq On : 10 Jun 2025 16:26
Operator : JC\MD
Sample : Q2251-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086932.D
Acq On : 10 Jun 2025 16:26
Operator : JC\MD
Sample : Q2251-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086932.D
Acq On : 10 Jun 2025 16:26
Operator : JC\MD
Sample : Q2251-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-TB-20250603

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-GW-740-742	SDG No.:	Q2251
Lab Sample ID:	Q2251-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086928.D	1		06/10/25 15:00	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	5.00		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-GW-740-742	SDG No.:	Q2251
Lab Sample ID:	Q2251-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086928.D	1		06/10/25 15:00	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.1		81 - 118		96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	51.4		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		85 - 114		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	345000	8.23				
540-36-3	1,4-Difluorobenzene	642000	9.106				
3114-55-4	Chlorobenzene-d5	564000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	271000	13.788				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-GW-740-742	SDG No.:	Q2251
Lab Sample ID:	Q2251-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086928.D	1		06/10/25 15:00	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086928.D
Acq On : 10 Jun 2025 15:00
Operator : JC\MD
Sample : Q2251-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

Quant Time: Jun 11 01:56:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

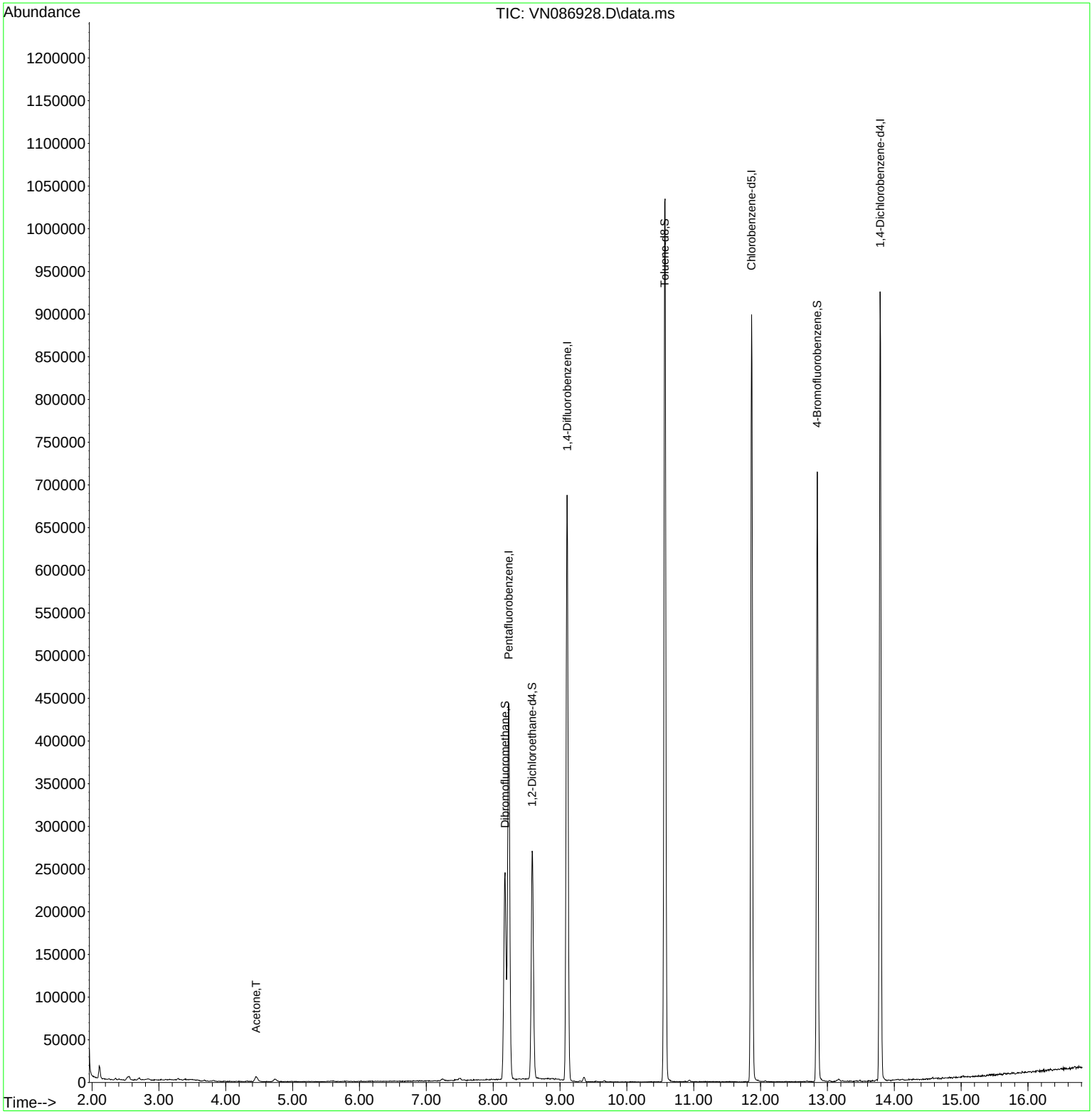
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	345182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	642235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	564142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	270892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222351	48.111	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.220%			
35) Dibromofluoromethane	8.177	113	185912	48.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.700%			
50) Toluene-d8	10.565	98	774981	51.435	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.880%			
62) 4-Bromofluorobenzene	12.847	95	279363	49.905	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.820%			
Target Compounds						Qvalue
16) Acetone	4.453	43	12197	4.977	ug/l	96

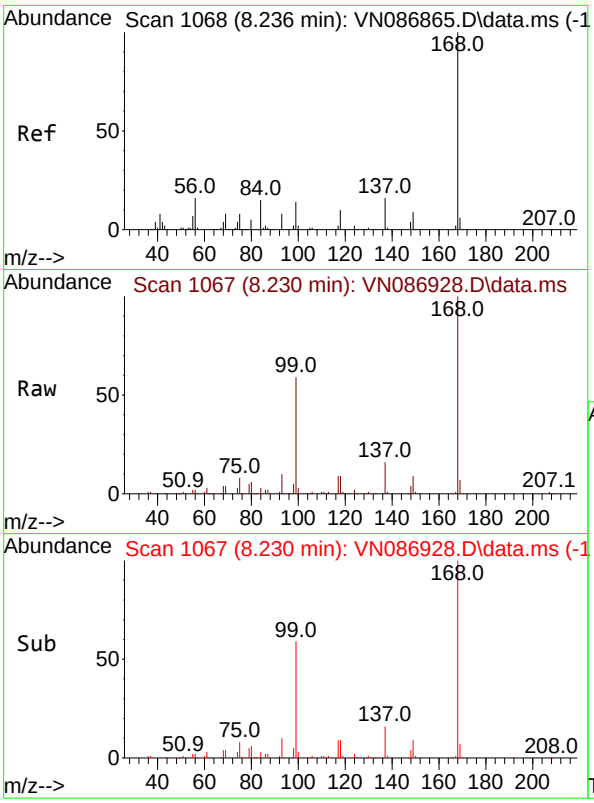
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086928.D
Acq On : 10 Jun 2025 15:00
Operator : JC\MD
Sample : Q2251-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

Quant Time: Jun 11 01:56:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



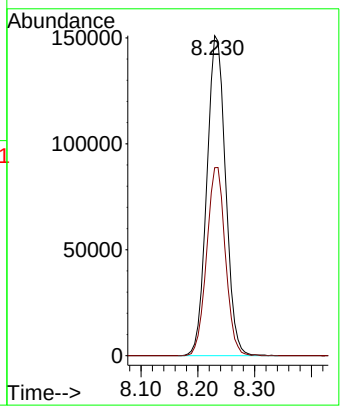


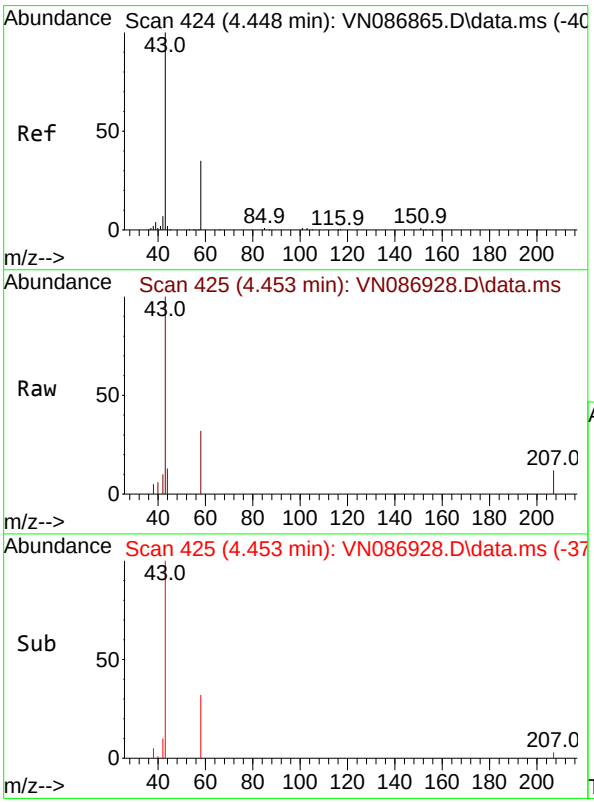
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

Tgt Ion:168 Resp: 345182

Ion	Ratio	Lower	Upper
168	100		
99	58.7	49.1	73.7

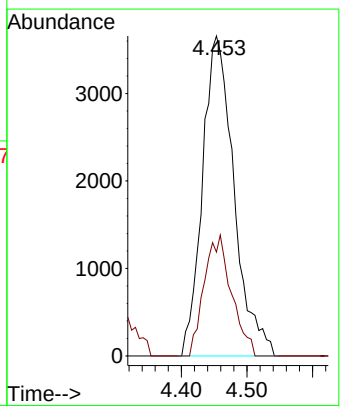


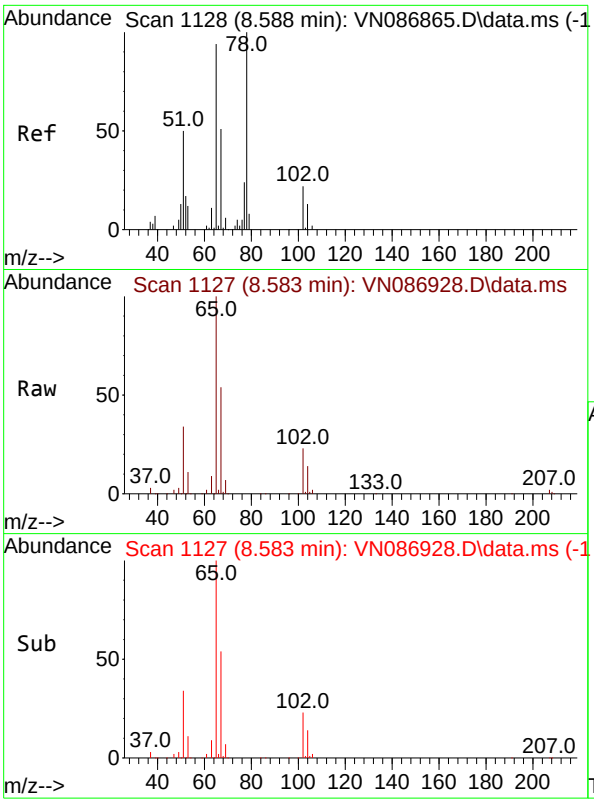


#16
Acetone
Concen: 4.977 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Tgt Ion: 43 Resp: 12197

Ion	Ratio	Lower	Upper
43	100		
58	32.4	28.0	42.0



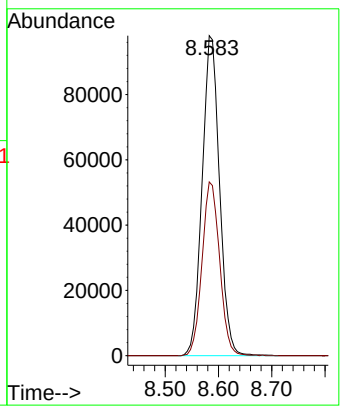


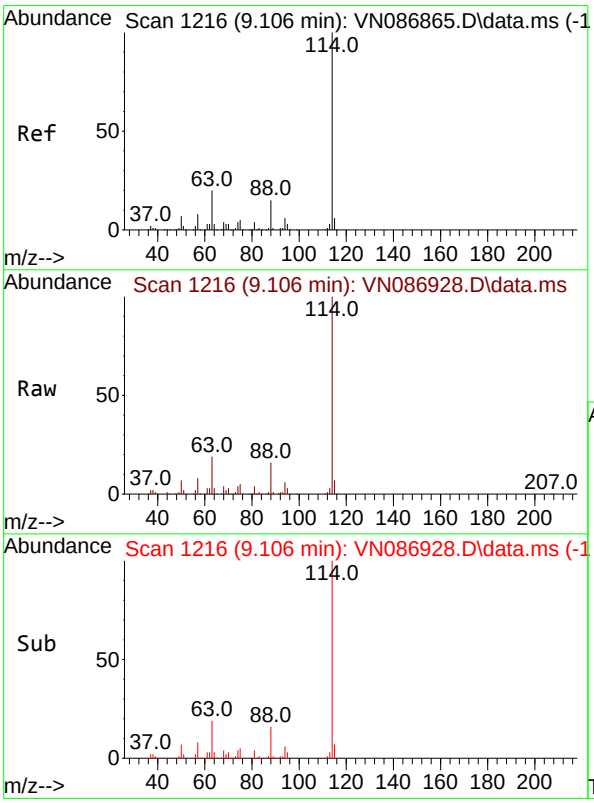
#33
1,2-Dichloroethane-d4
Concen: 48.111 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

Tgt Ion: 65 Resp: 222351

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	105.6

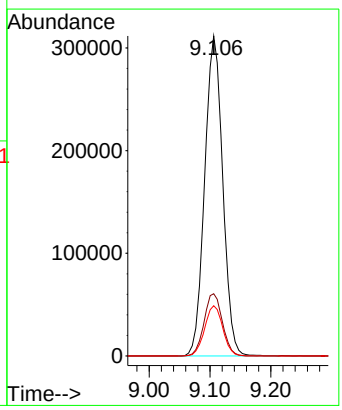


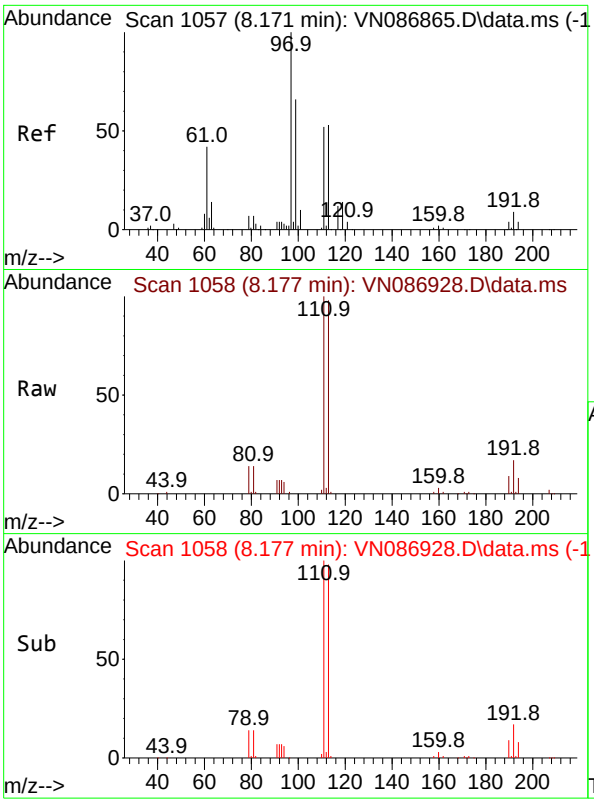


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Tgt Ion:114 Resp: 642235

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	15.7	0.0	30.2



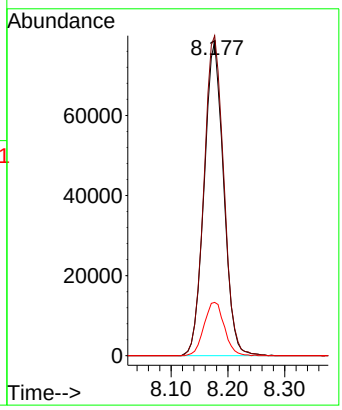


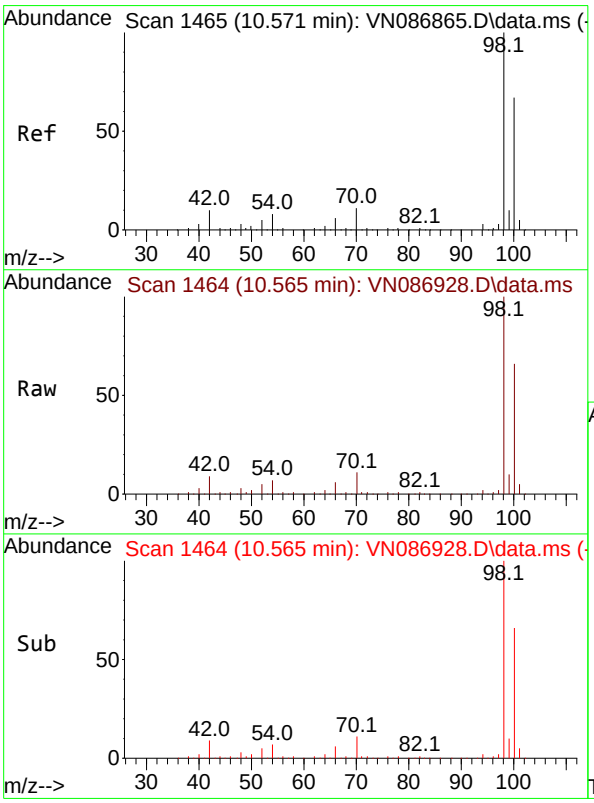
#35
Dibromofluoromethane
Concen: 48.847 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

Tgt Ion:113 Resp: 185912

Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.2	126.2
192	17.8	14.2	21.4

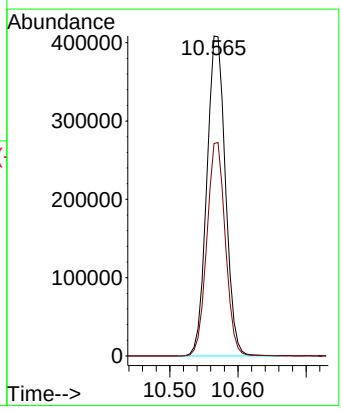


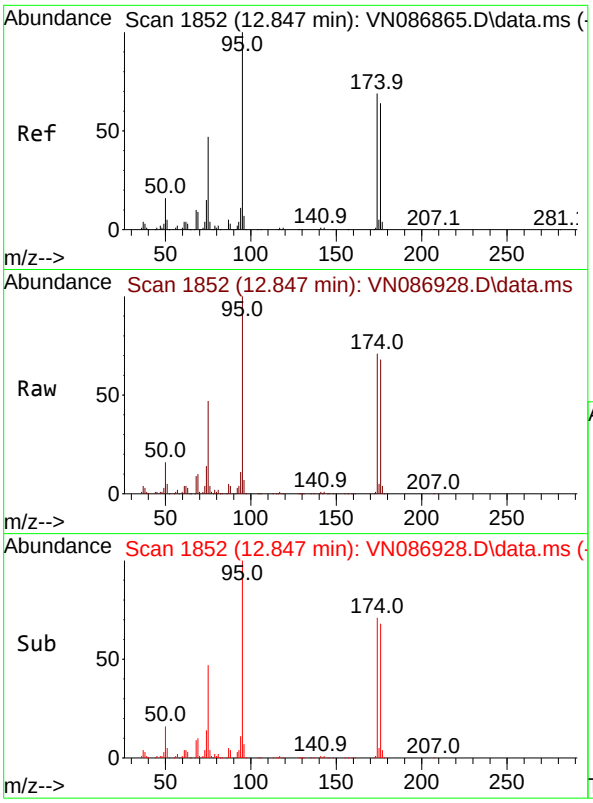


#50
Toluene-d8
Concen: 51.435 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Tgt Ion: 98 Resp: 774981

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.4	80.0



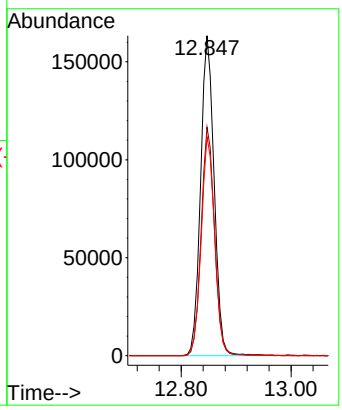


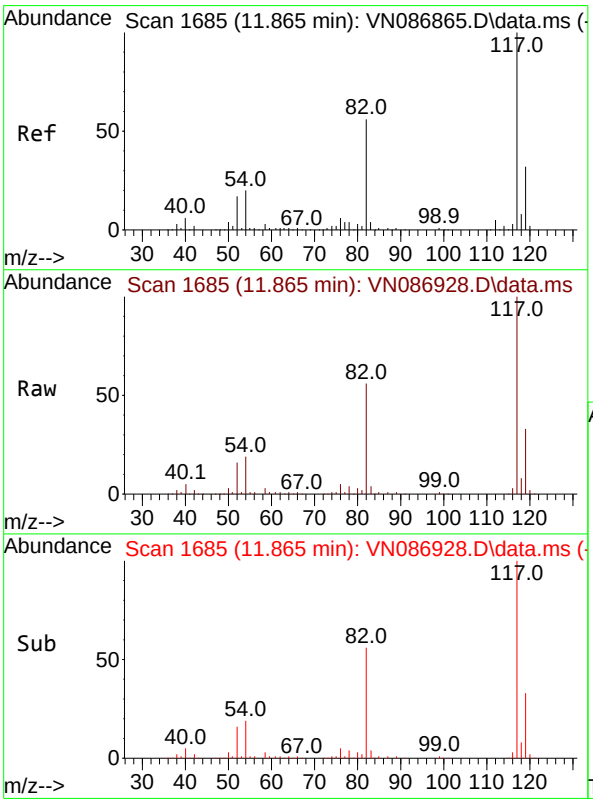
#62
4-Bromofluorobenzene
Concen: 49.905 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

Tgt Ion: 95 Resp: 279363

Ion	Ratio	Lower	Upper
95	100		
174	70.6	0.0	141.8
176	67.9	0.0	132.6

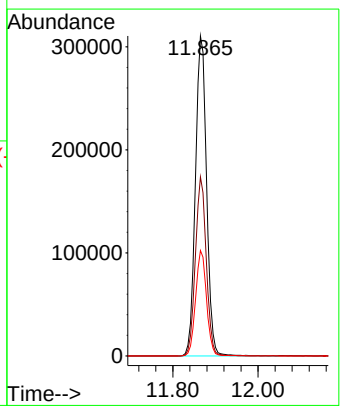


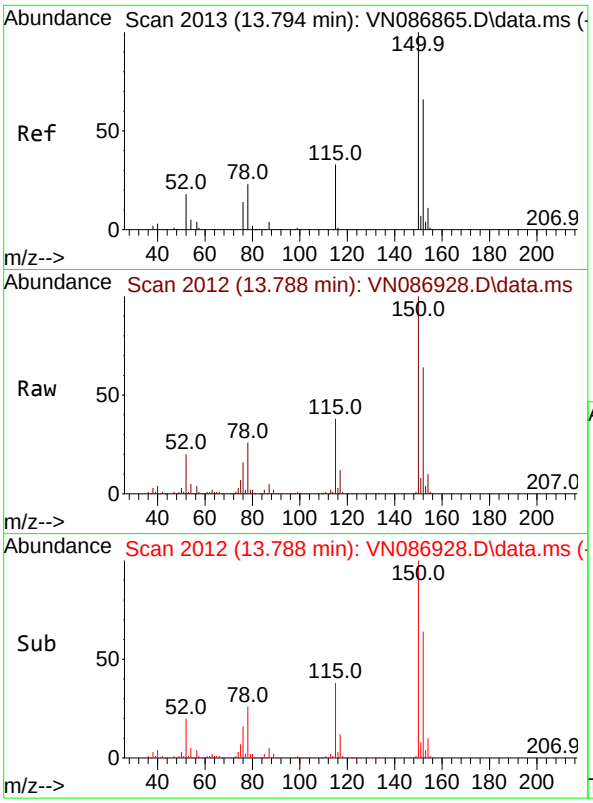


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Tgt Ion:117 Resp: 564142

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.6	67.0
119	33.0	25.5	38.3



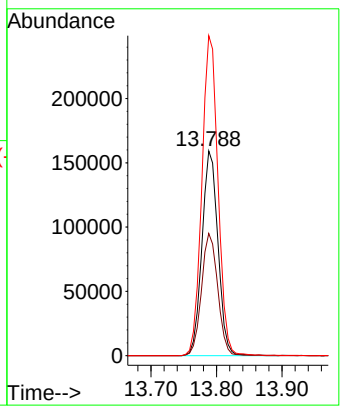


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

Tgt Ion:152 Resp: 270892

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.1	90.5
150	157.4	0.0	345.0



Sample Results: **VN086928.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086928.D
Acq On : 10 Jun 2025 15:00
Operator : JC\MD
Sample : Q2251-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN086928.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.107	22	26	34	rVB2	15491	26040	1.33%	0.260%
2	8.177	1048	1058	1062	rBV	242071	576465	29.36%	5.763%
3	8.230	1062	1067	1078	rVB	439601	995325	50.70%	9.951%
4	8.583	1118	1127	1138	rBV	266323	611741	31.16%	6.116%
5	9.106	1207	1216	1231	rVB	686810	1420792	72.37%	14.205%
6	10.571	1455	1465	1480	rBV	1034359	1963290	100.00%	19.628%
7	11.865	1676	1685	1700	rBV	898631	1624140	82.73%	16.238%
8	12.847	1842	1852	1867	rBV	714710	1209842	61.62%	12.096%
9	13.788	2005	2012	2026	rBV	924225	1574656	80.20%	15.743%

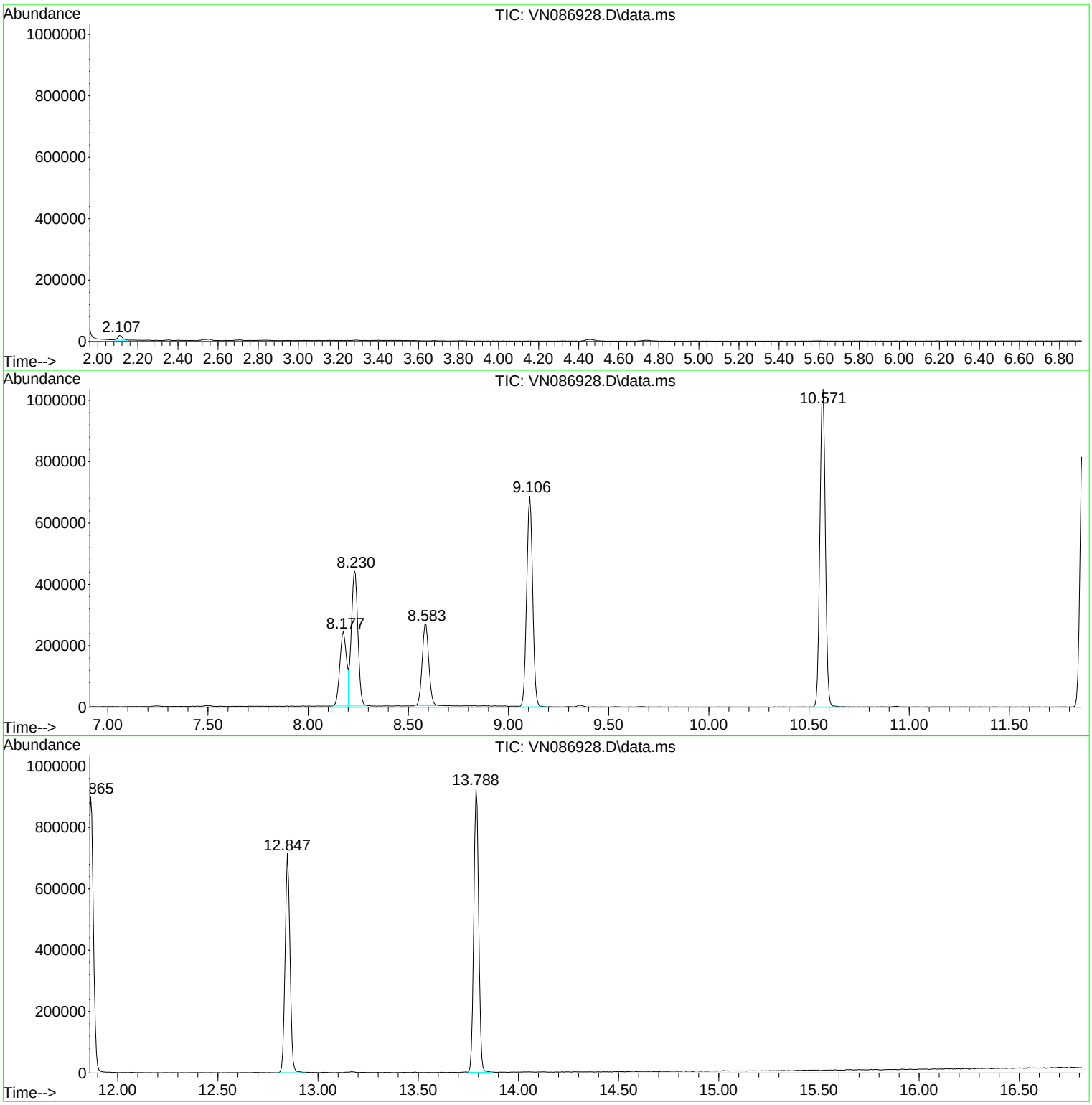
Sum of corrected areas: 10002291

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086928.D
Acq On : 10 Jun 2025 15:00
Operator : JC\MD
Sample : Q2251-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086928.D
Acq On : 10 Jun 2025 15:00
Operator : JC\MD
Sample : Q2251-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086928.D
Acq On : 10 Jun 2025 15:00
Operator : JC\MD
Sample : Q2251-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-GW-760-762	SDG No.:	Q2251
Lab Sample ID:	Q2251-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086929.D	1		06/10/25 15:22	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	2.20	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-GW-760-762	SDG No.:	Q2251
Lab Sample ID:	Q2251-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086929.D	1		06/10/25 15:22	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.7		81 - 118		95%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	52.0		89 - 112		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		85 - 114		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	338000	8.229				
540-36-3	1,4-Difluorobenzene	630000	9.106				
3114-55-4	Chlorobenzene-d5	558000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	268000	13.788				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/03/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-GW-760-762	SDG No.:	Q2251
Lab Sample ID:	Q2251-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086929.D	1		06/10/25 15:22	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086929.D
Acq On : 10 Jun 2025 15:22
Operator : JC\MD
Sample : Q2251-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-760-762

Quant Time: Jun 11 01:56:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

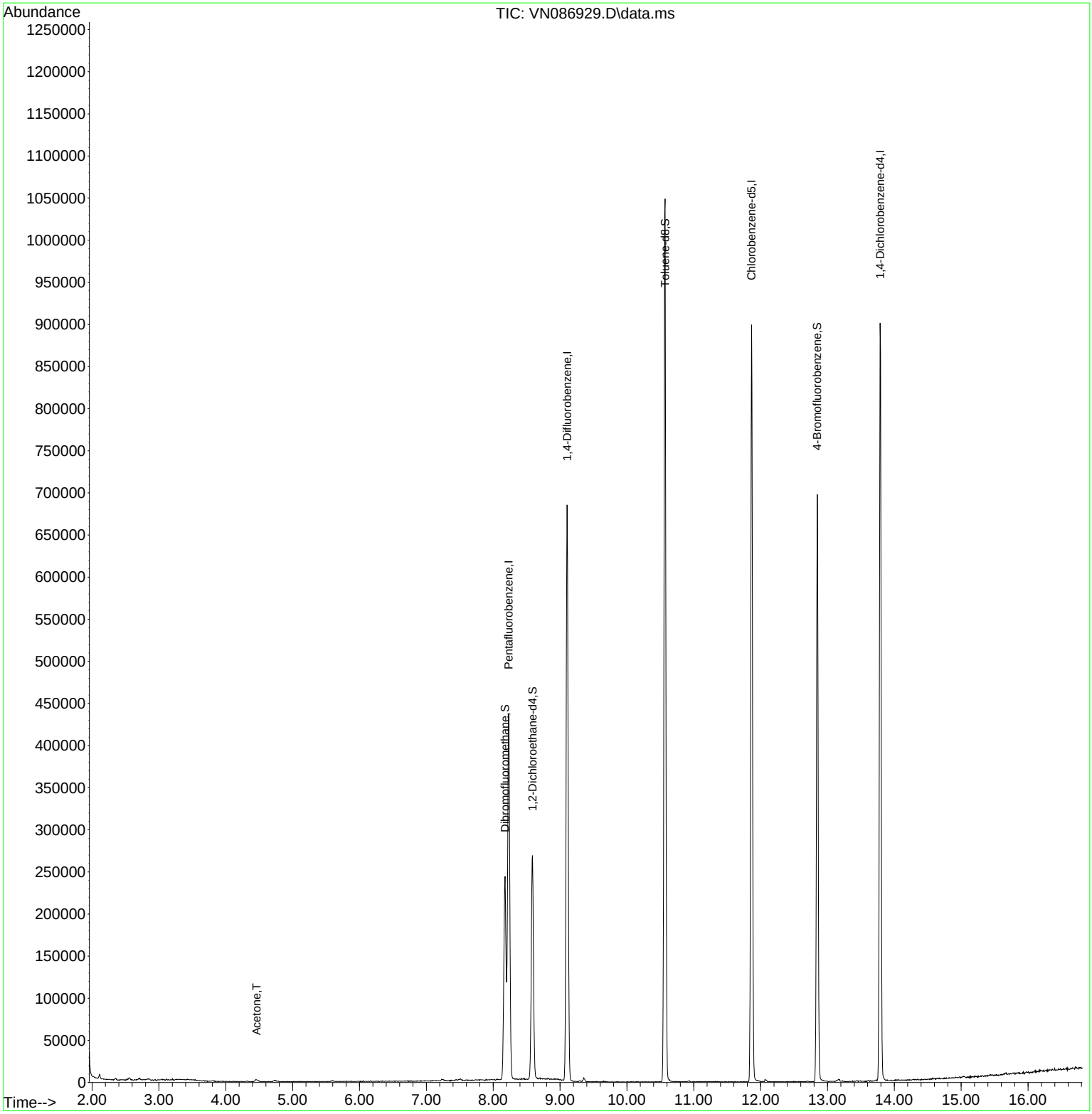
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	337846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	630375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	558009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	267650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	215551	47.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.300%			
35) Dibromofluoromethane	8.177	113	182524	48.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.720%			
50) Toluene-d8	10.571	98	769604	52.039	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.847	95	275436	50.129	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.260%			
Target Compounds						Qvalue
16) Acetone	4.459	43	5177	2.158	ug/l	93

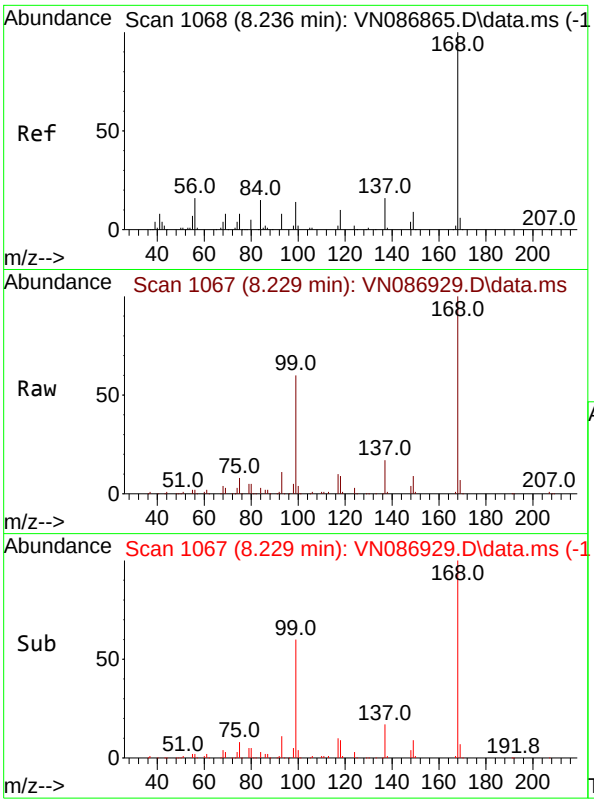
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086929.D
Acq On : 10 Jun 2025 15:22
Operator : JC\MD
Sample : Q2251-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-760-762

Quant Time: Jun 11 01:56:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



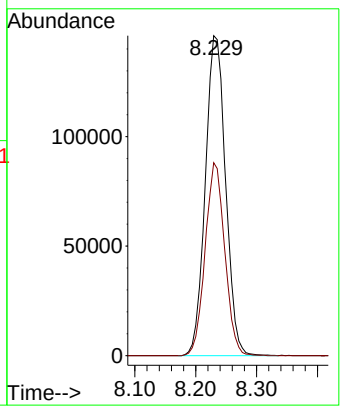


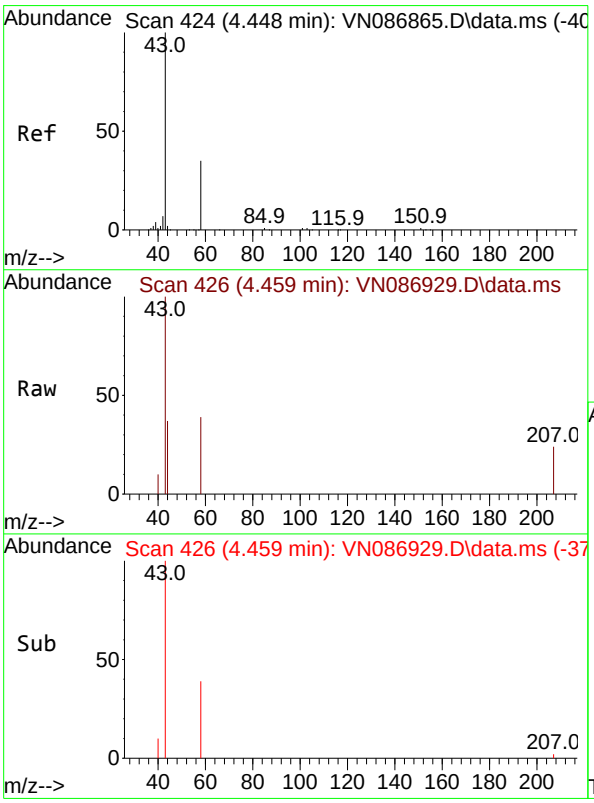
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN086929.D
Acq: 10 Jun 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-760-762

Tgt Ion:168 Resp: 337846

Ion	Ratio	Lower	Upper
168	100		
99	60.3	49.1	73.7

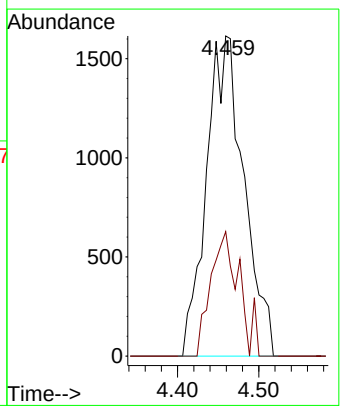


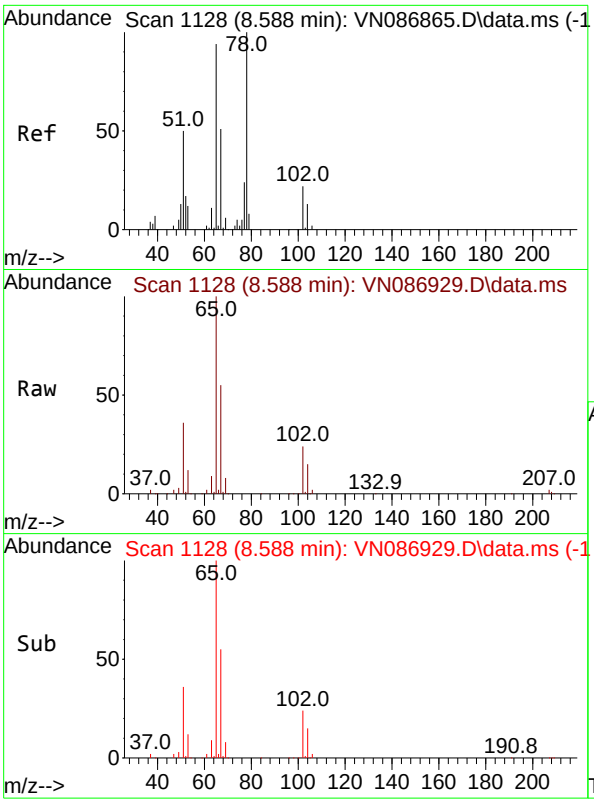


#16
Acetone
Concen: 2.158 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086929.D
Acq: 10 Jun 2025 15:22

Tgt Ion: 43 Resp: 5177

Ion	Ratio	Lower	Upper
43	100		
58	38.9	28.0	42.0



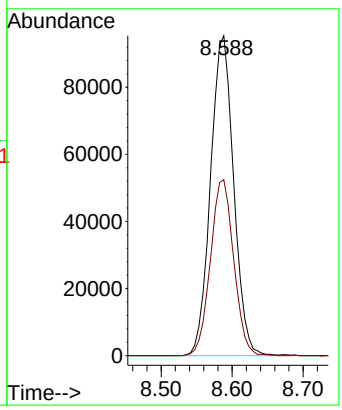


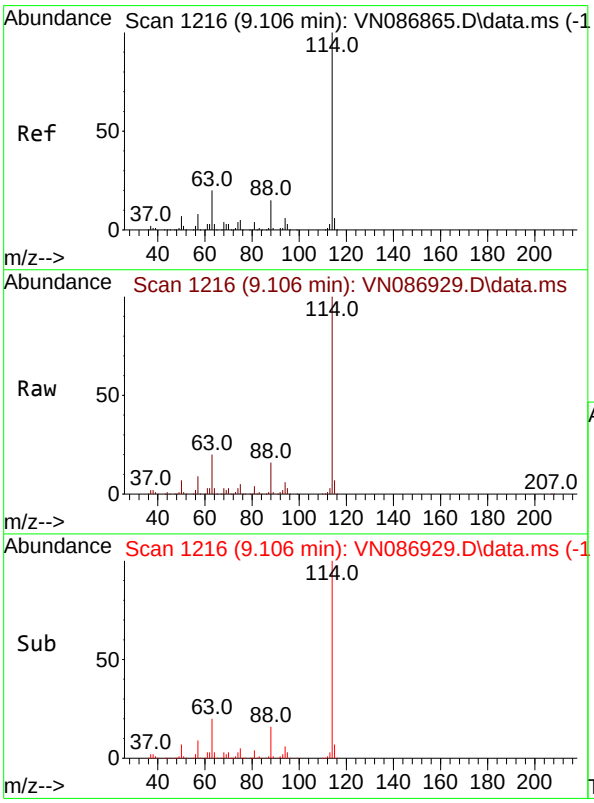
#33
1,2-Dichloroethane-d4
Concen: 47.653 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086929.D
Acq: 10 Jun 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-760-762

Tgt Ion: 65 Resp: 215551

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	105.6

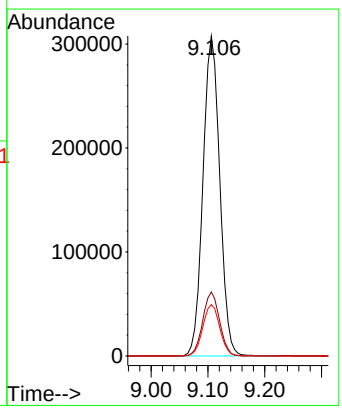


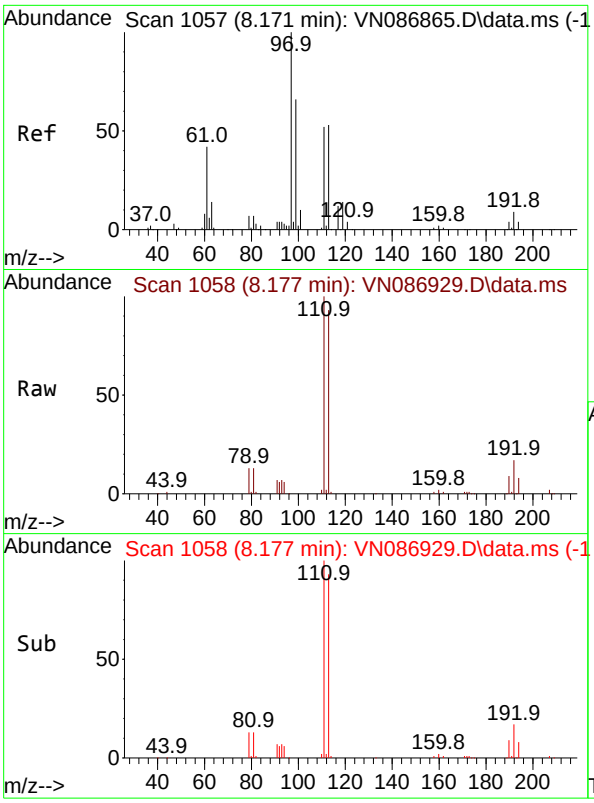


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086929.D
Acq: 10 Jun 2025 15:22

Tgt Ion:114 Resp: 630375

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	16.1	0.0	30.2



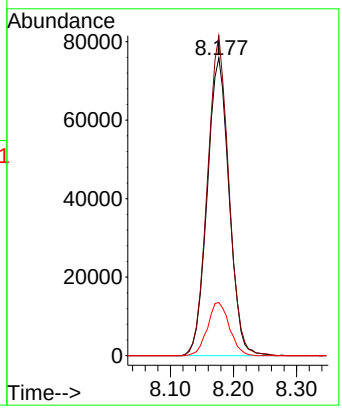


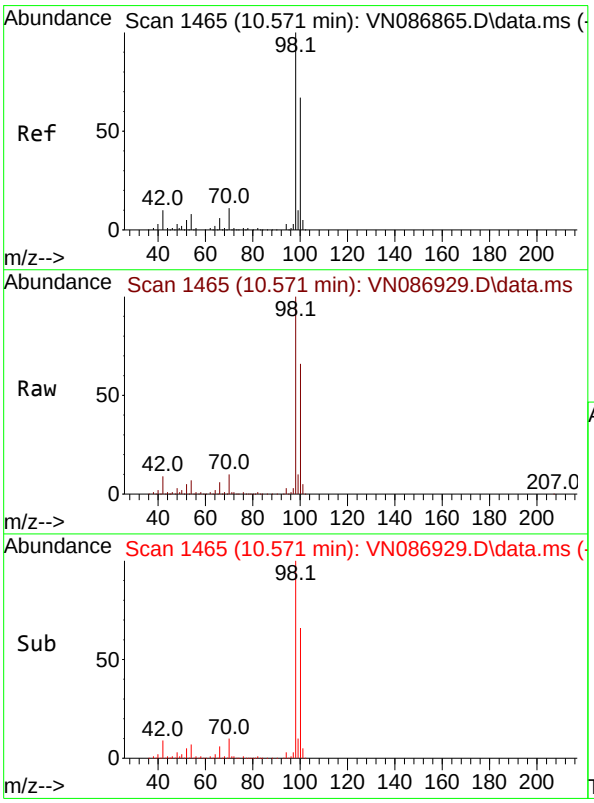
#35
Dibromofluoromethane
Concen: 48.859 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086929.D
Acq: 10 Jun 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-760-762

Tgt Ion:113 Resp: 182524

Ion	Ratio	Lower	Upper
113	100		
111	104.9	84.2	126.2
192	17.9	14.2	21.4

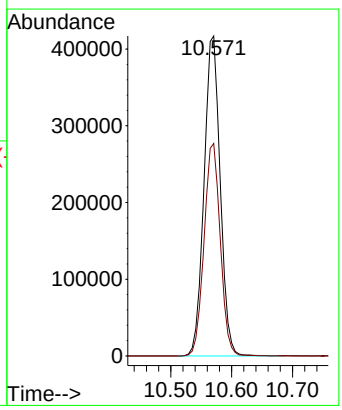


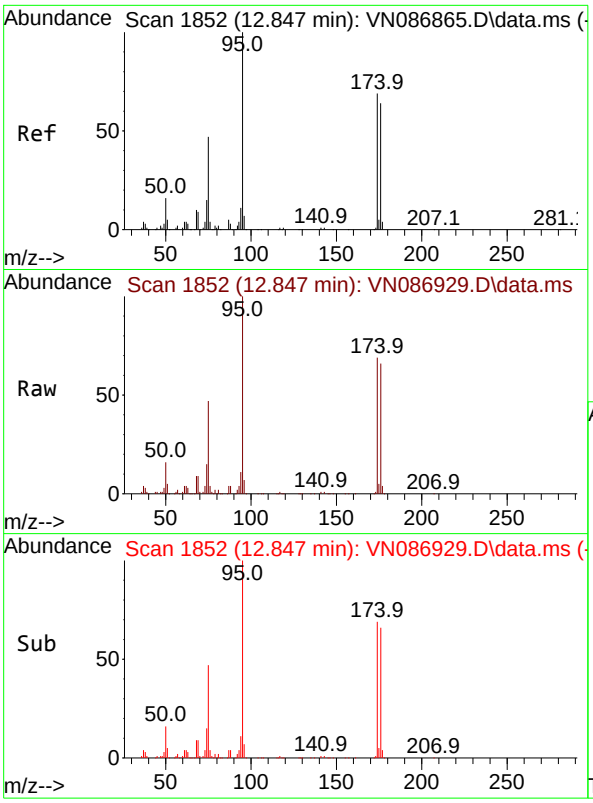


#50
Toluene-d8
Concen: 52.039 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086929.D
Acq: 10 Jun 2025 15:22

Tgt Ion: 98 Resp: 769604

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.0



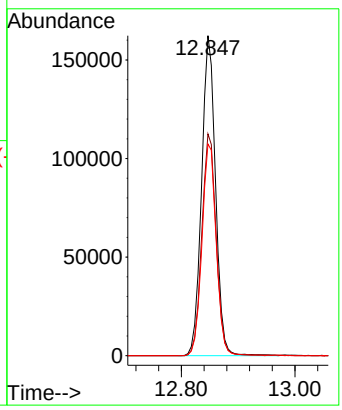


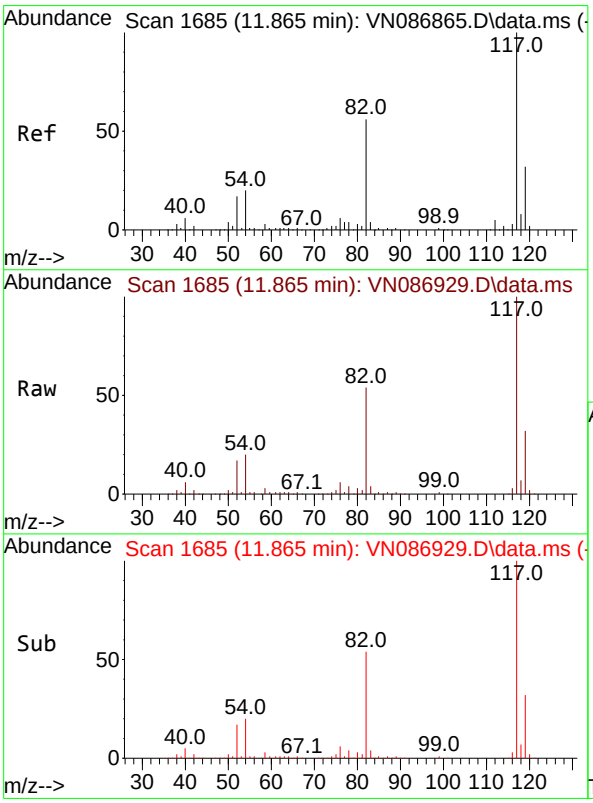
#62
4-Bromofluorobenzene
Concen: 50.129 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086929.D
Acq: 10 Jun 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-760-762

Tgt Ion: 95 Resp: 275436

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	141.8
176	67.7	0.0	132.6

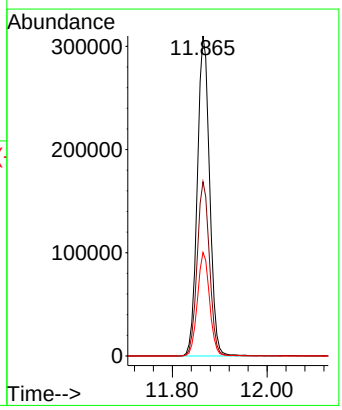


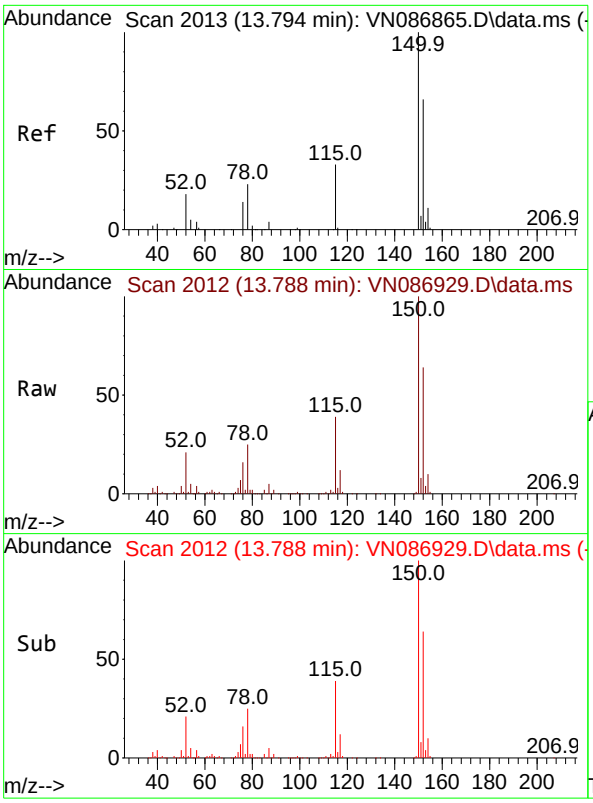


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086929.D
Acq: 10 Jun 2025 15:22

Tgt Ion:117 Resp: 558009

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	67.0
119	32.4	25.5	38.3



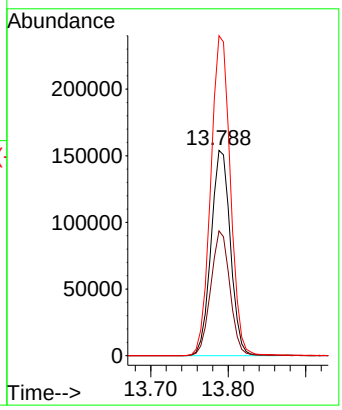


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086929.D
Acq: 10 Jun 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-760-762

Tgt Ion:152 Resp: 267650

Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.1	90.5
150	157.9	0.0	345.0



Sample Results: **VN086929.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086929.D
Acq On : 10 Jun 2025 15:22
Operator : JC\MD
Sample : Q2251-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-760-762

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN086929.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.177	1048	1058	1062	rBV	241191	566888	29.13%	5.756%
2	8.229	1062	1067	1079	rVB	433605	981158	50.43%	9.962%
3	8.588	1118	1128	1142	rVB	265324	605074	31.10%	6.144%
4	9.106	1207	1216	1227	rVB	683554	1393877	71.64%	14.153%
5	10.571	1456	1465	1481	rBV	1048218	1945769	100.00%	19.756%
6	11.865	1677	1685	1699	rBV	898542	1604708	82.47%	16.293%
7	12.847	1843	1852	1864	rBV	697472	1191811	61.25%	12.101%
8	13.788	2004	2012	2026	rBV	899903	1559673	80.16%	15.836%

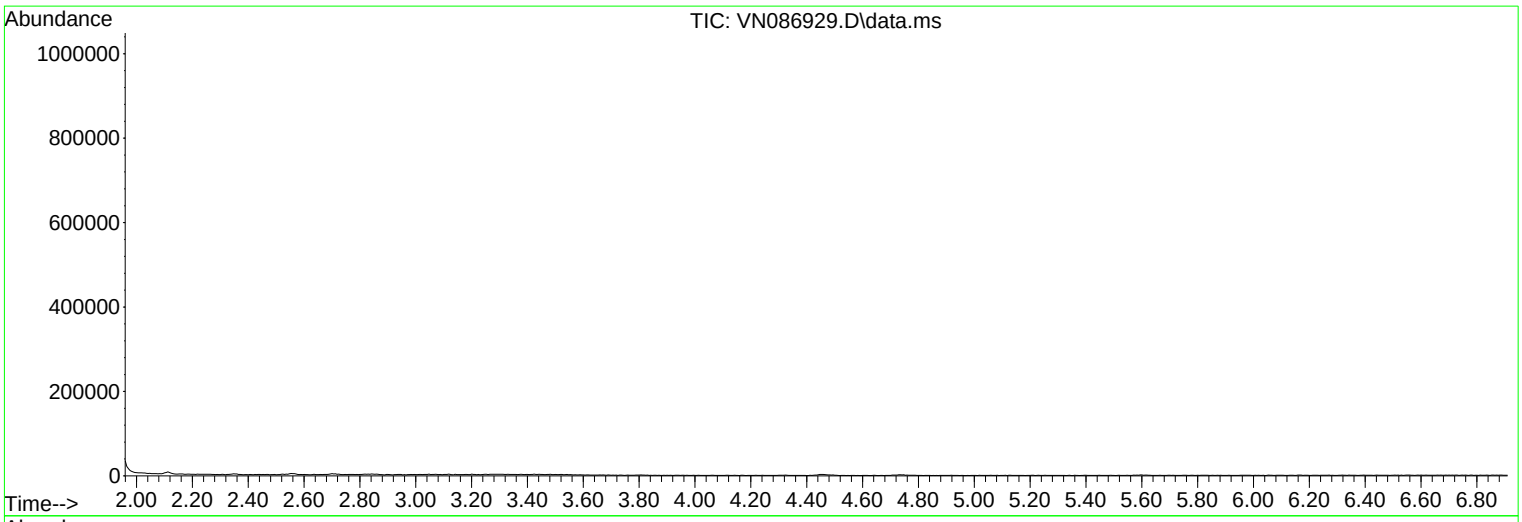
Sum of corrected areas: 9848958

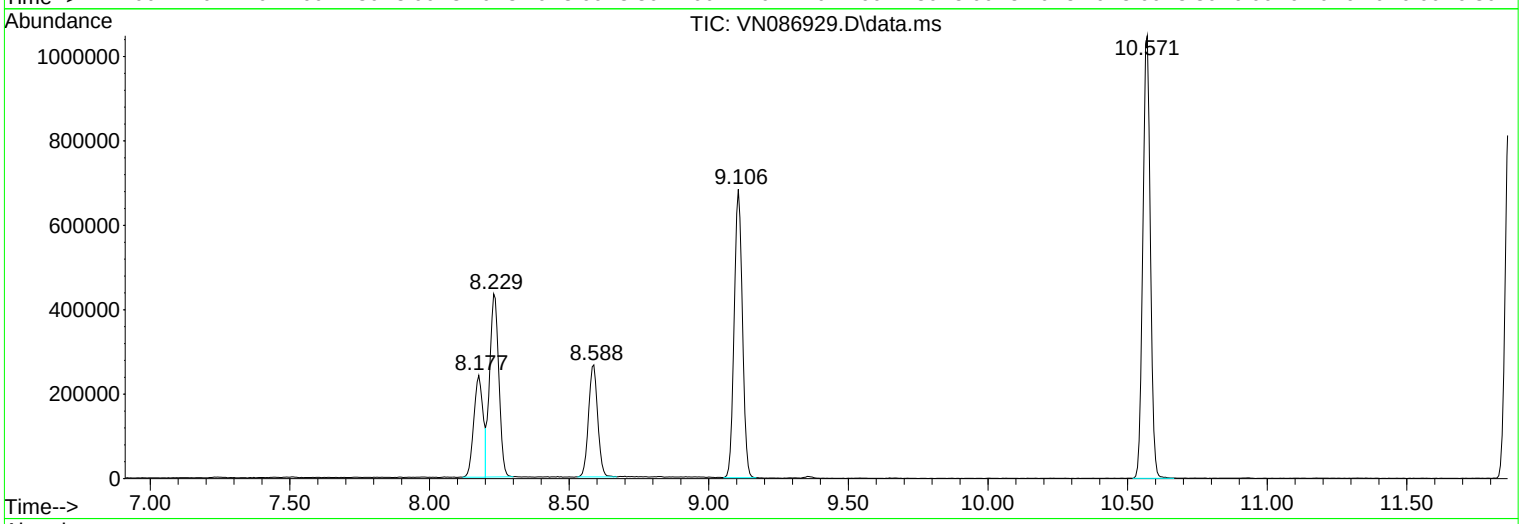
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086929.D
Acq On : 10 Jun 2025 15:22
Operator : JC\MD
Sample : Q2251-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

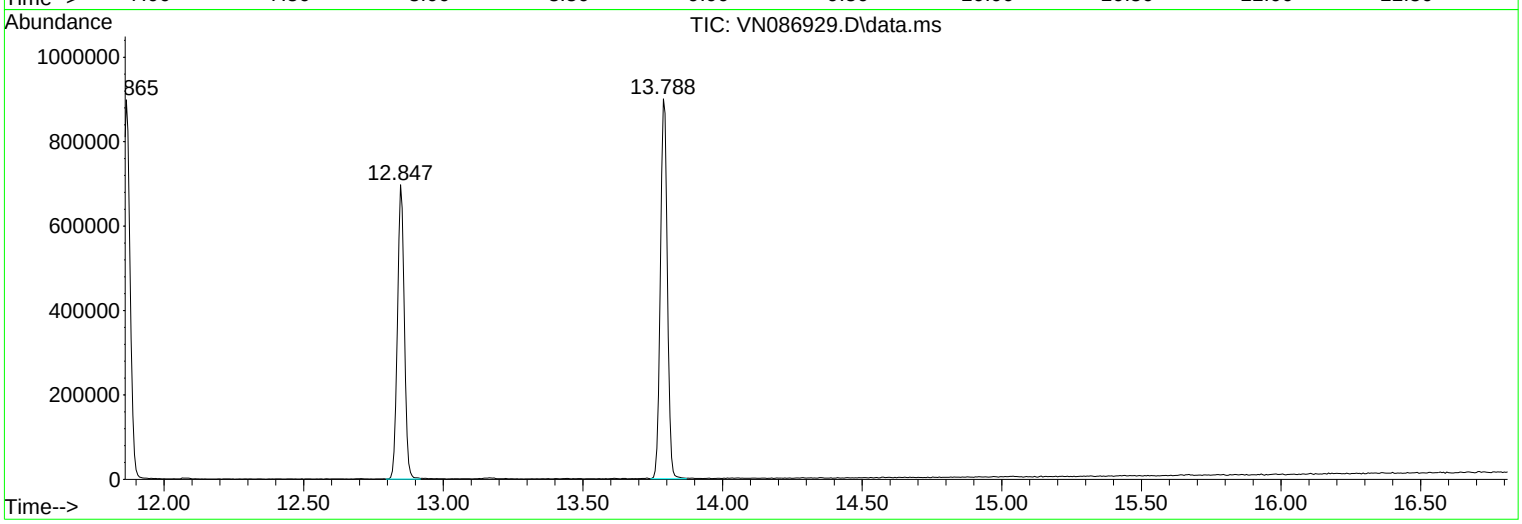
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-760-762

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086929.D
Acq On : 10 Jun 2025 15:22
Operator : JC\MD
Sample : Q2251-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-760-762

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086929.D
Acq On : 10 Jun 2025 15:22
Operator : JC\MD
Sample : Q2251-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-760-762

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/04/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-EB-20250604	SDG No.:	Q2251
Lab Sample ID:	Q2251-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086933.D	1		06/10/25 16:48	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	60.3		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	1.60		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	9.70		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/04/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-EB-20250604	SDG No.:	Q2251
Lab Sample ID:	Q2251-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086933.D	1		06/10/25 16:48	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.2		81 - 118		100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	52.0		89 - 112		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	207000	8.235				
540-36-3	1,4-Difluorobenzene	385000	9.106				
3114-55-4	Chlorobenzene-d5	341000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	163000	13.788				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/04/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-EB-20250604	SDG No.:	Q2251
Lab Sample ID:	Q2251-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086933.D	1		06/10/25 16:48	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086933.D
Acq On : 10 Jun 2025 16:48
Operator : JC\MD
Sample : Q2251-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Quant Time: Jun 11 01:57:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

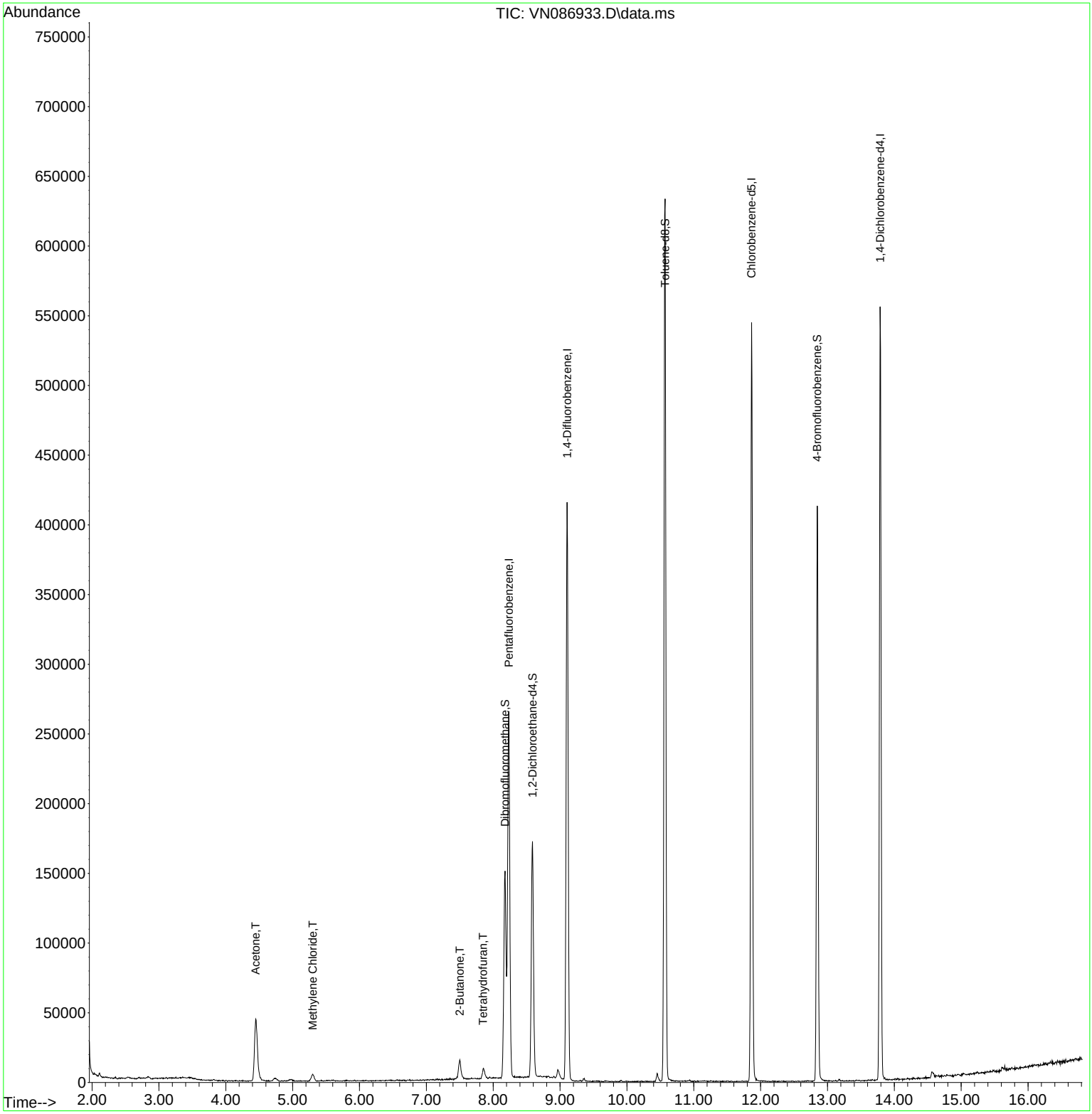
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	207035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	385111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	340856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	139054	50.164	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	8.177	113	114361	50.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.220%			
50) Toluene-d8	10.570	98	469495	51.965	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.920%			
62) 4-Bromofluorobenzene	12.847	95	166962	49.740	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.480%			
Target Compounds						Qvalue
16) Acetone	4.447	43	88685	60.330	ug/l	100
20) Methylene Chloride	5.300	84	4441	1.614	ug/l #	83
25) 2-Butanone	7.500	43	23219	9.717	ug/l	95
29) Tetrahydrofuran	7.847	42	5759	3.700	ug/l	96

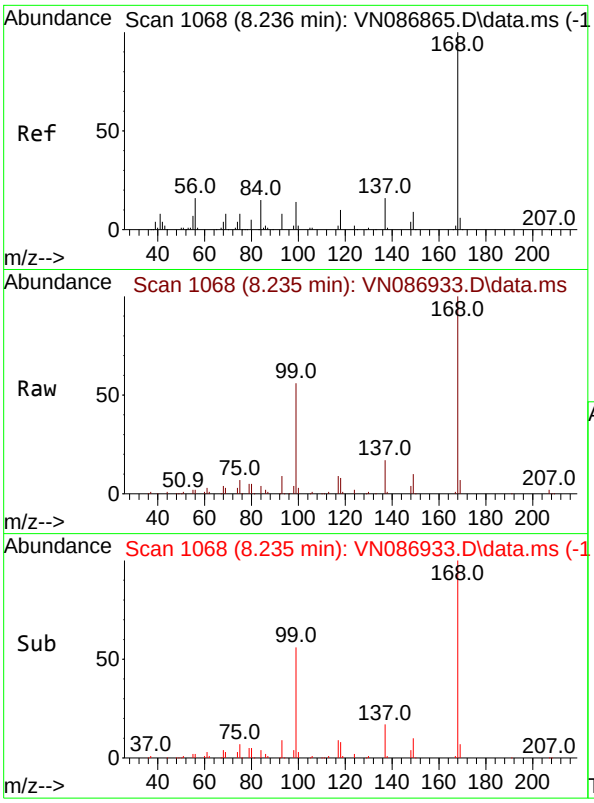
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086933.D
Acq On : 10 Jun 2025 16:48
Operator : JC\MD
Sample : Q2251-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Quant Time: Jun 11 01:57:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



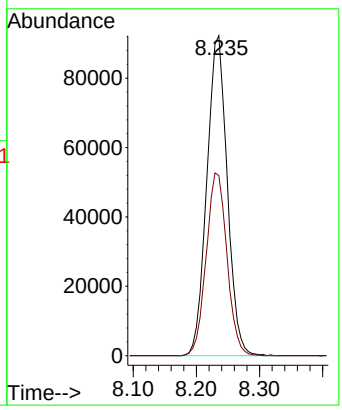


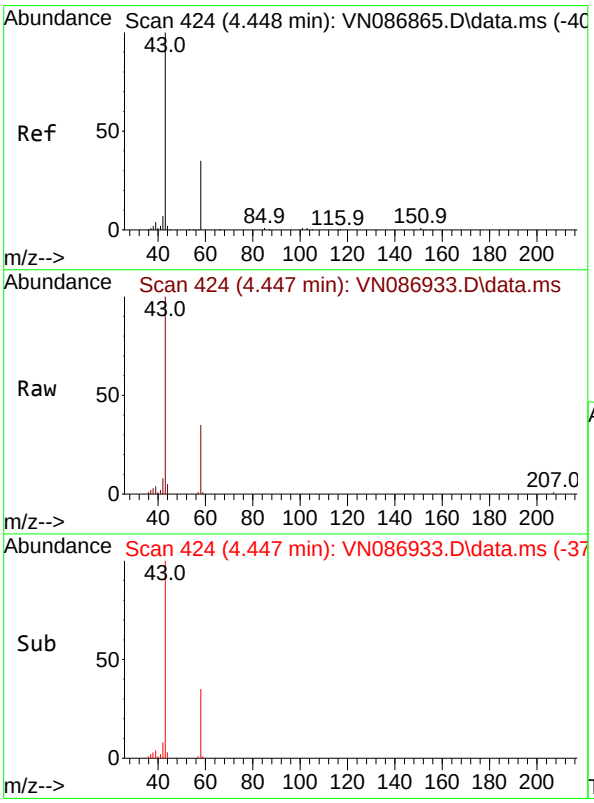
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Tgt Ion:168 Resp: 207035

Ion	Ratio	Lower	Upper
168	100		
99	56.3	49.1	73.7

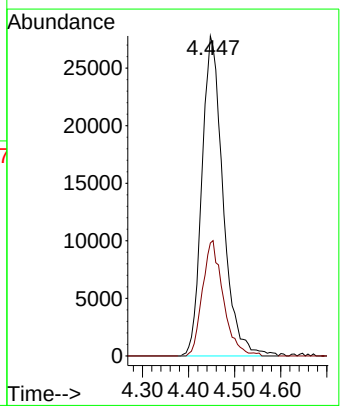


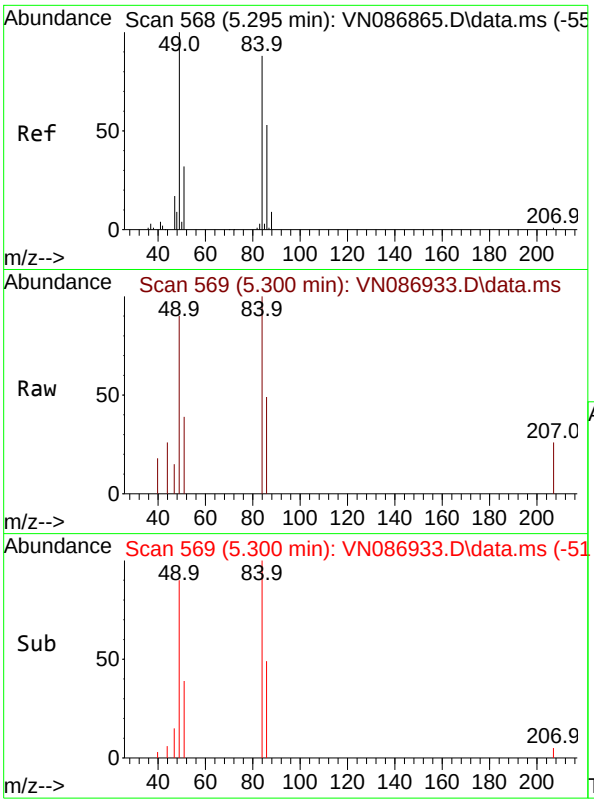


#16
Acetone
Concen: 60.330 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Tgt Ion: 43 Resp: 88685

Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.0	42.0



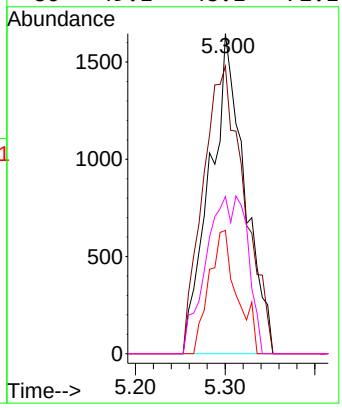


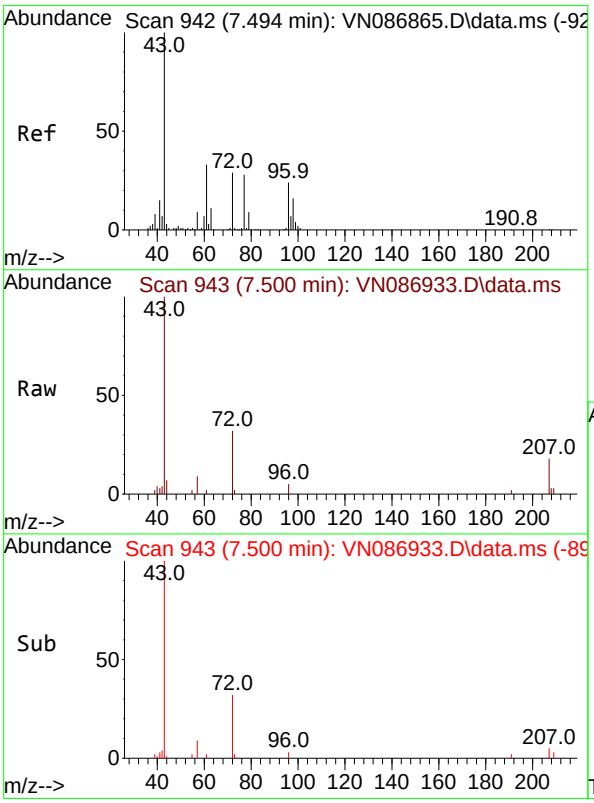
#20
Methylene Chloride
Concen: 1.614 ug/l
RT: 5.300 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Tgt Ion: 84 Resp: 4441

Ion	Ratio	Lower	Upper
84	100		
49	89.9	90.5	135.7#
51	38.5	28.5	42.7
86	49.1	48.1	72.1

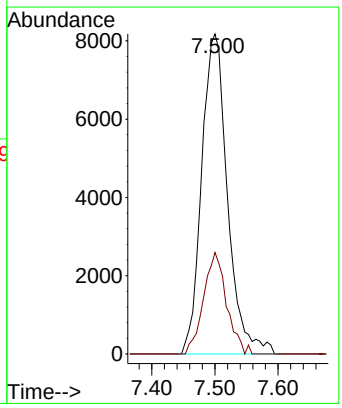


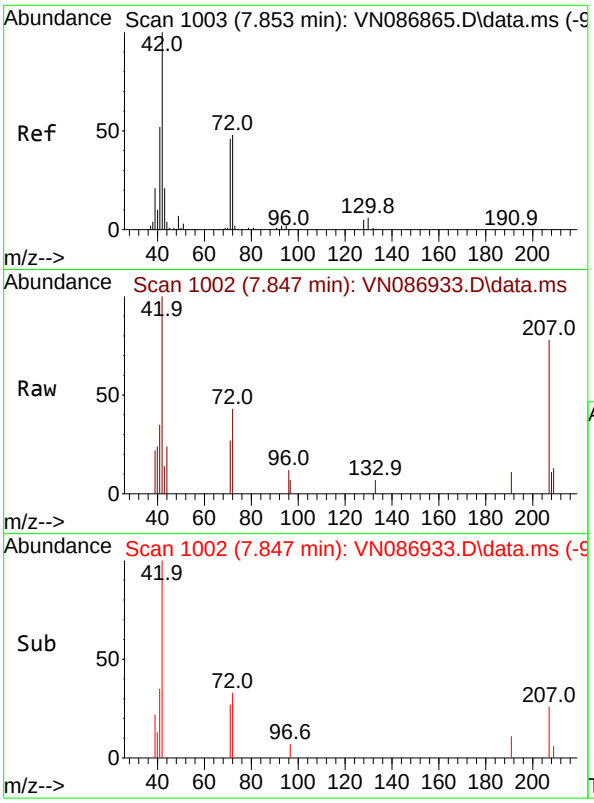


#25
2-Butanone
Concen: 9.717 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Tgt Ion: 43 Resp: 23219

Ion	Ratio	Lower	Upper
43	100		
72	31.7	23.0	34.6



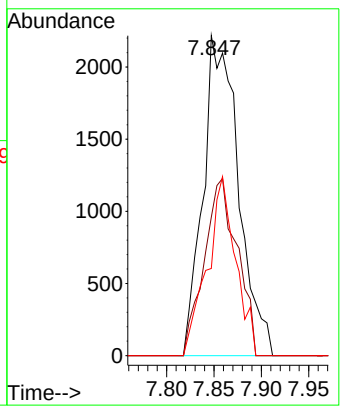


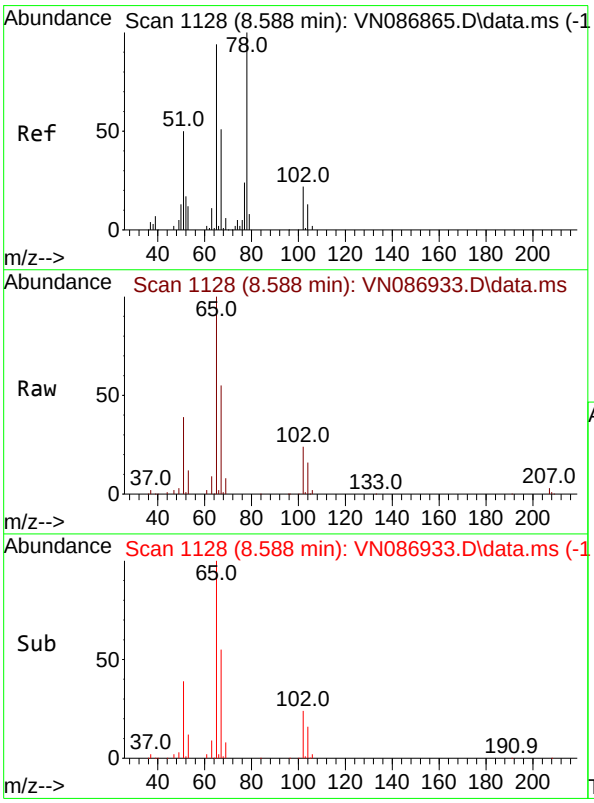
#29
Tetrahydrofuran
Concen: 3.700 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Tgt Ion: 42 Resp: 5759

Ion	Ratio	Lower	Upper
42	100		
72	51.7	37.8	56.6
71	44.8	35.6	53.4

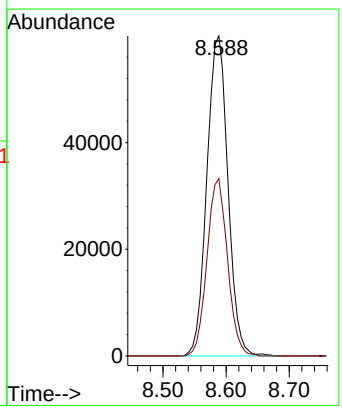


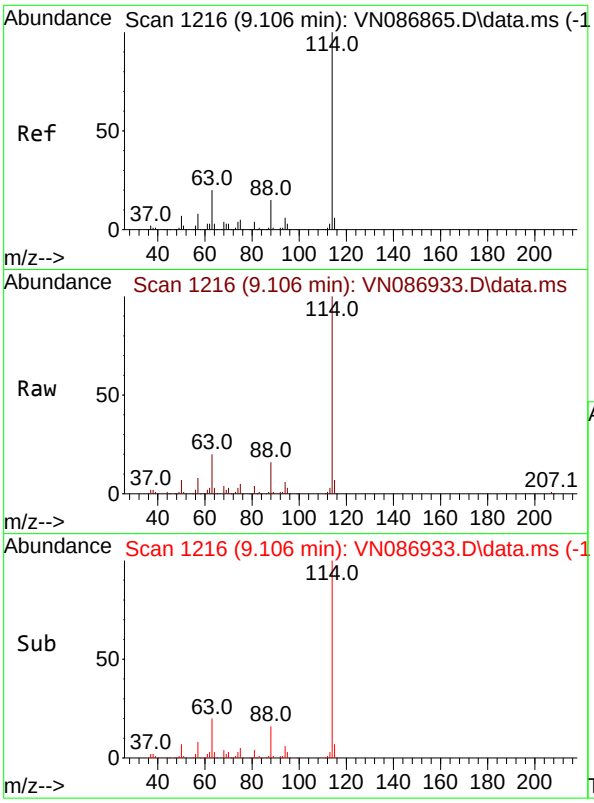


#33
1,2-Dichloroethane-d4
Concen: 50.164 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Tgt Ion: 65 Resp: 139054

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.6



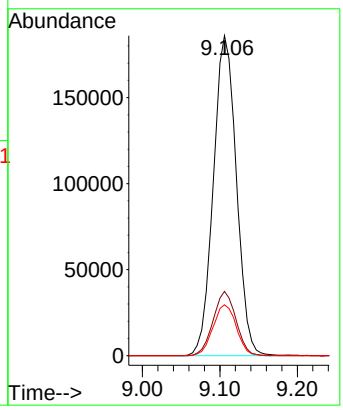


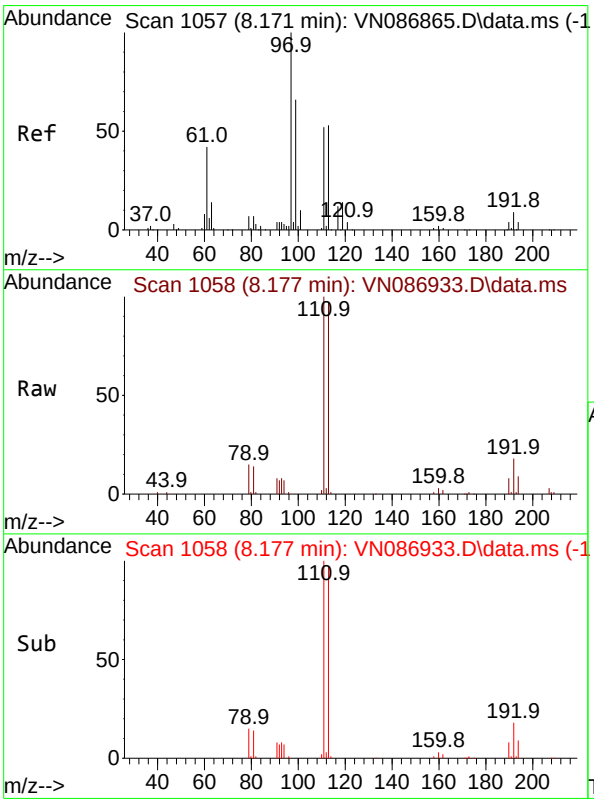
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Tgt Ion:114 Resp: 385111

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	15.9	0.0	30.2

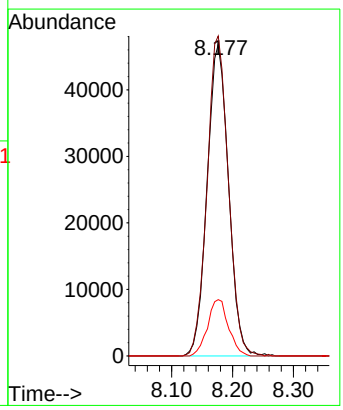


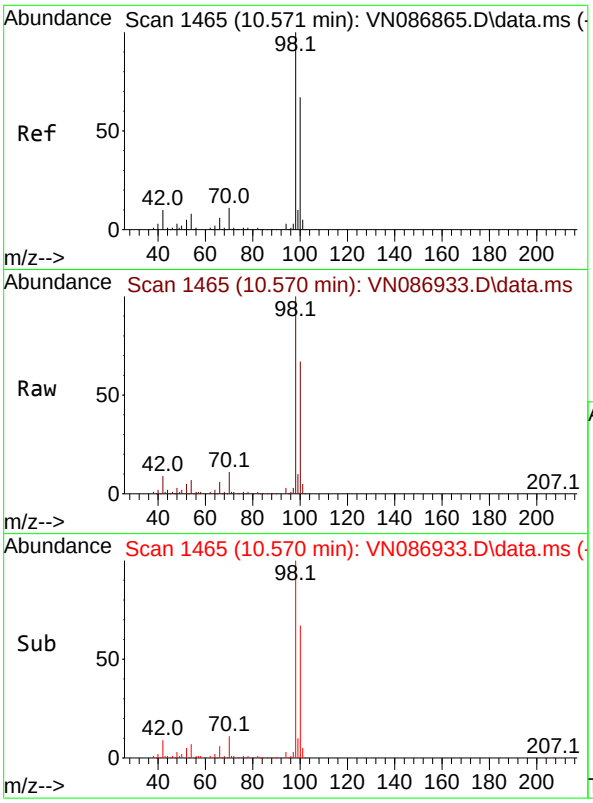


#35
Dibromofluoromethane
Concen: 50.109 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Tgt Ion:113 Resp: 114361

Ion	Ratio	Lower	Upper
113	100		
111	101.9	84.2	126.2
192	17.6	14.2	21.4



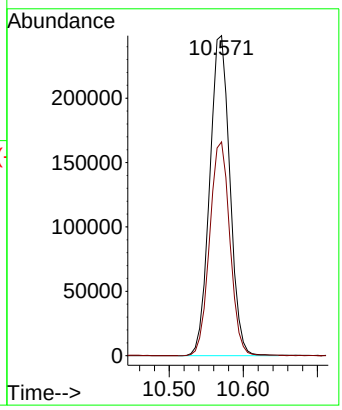


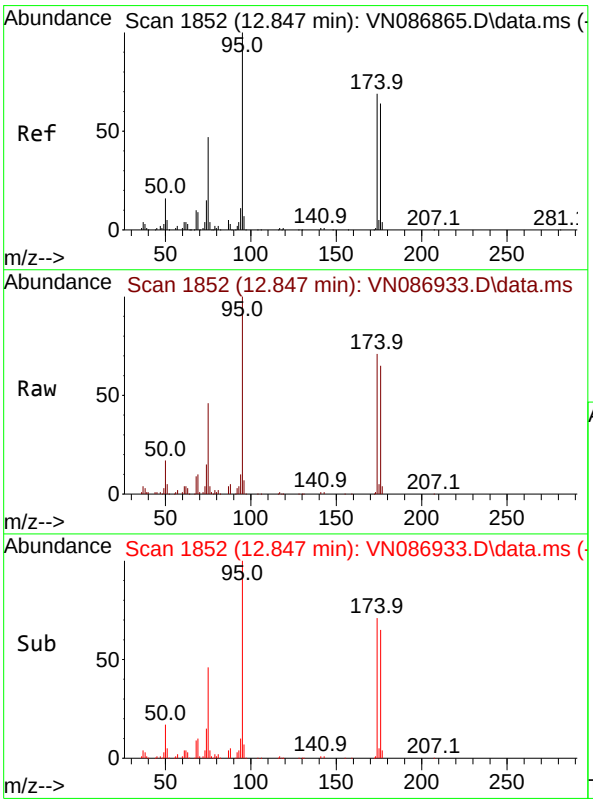
#50
Toluene-d8
Concen: 51.965 ug/l
RT: 10.570 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Tgt Ion: 98 Resp: 469495

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.0

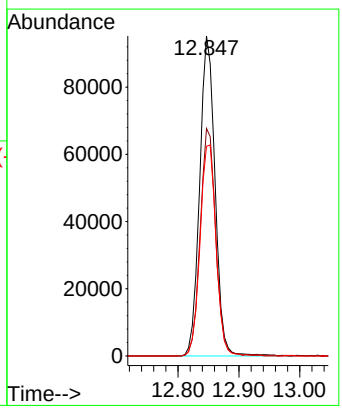


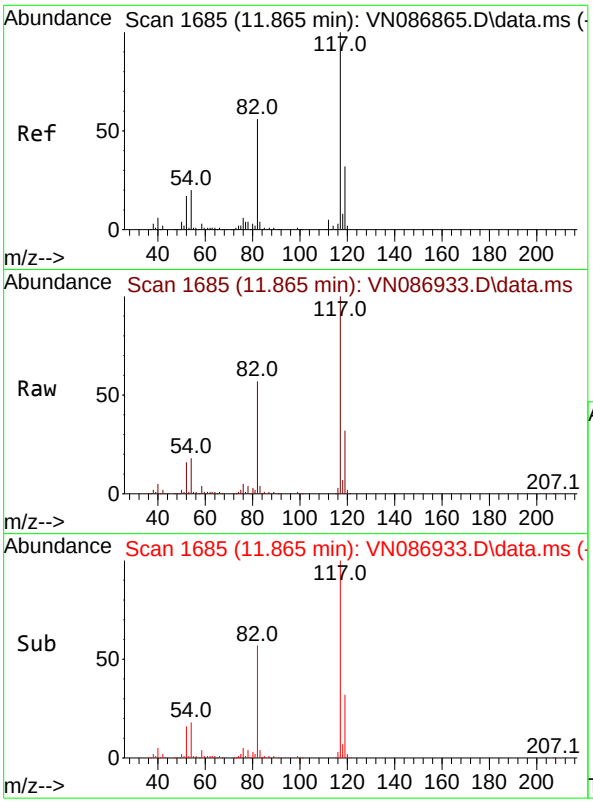


#62
4-Bromofluorobenzene
Concen: 49.740 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Tgt Ion: 95 Resp: 166962

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	141.8
176	68.6	0.0	132.6



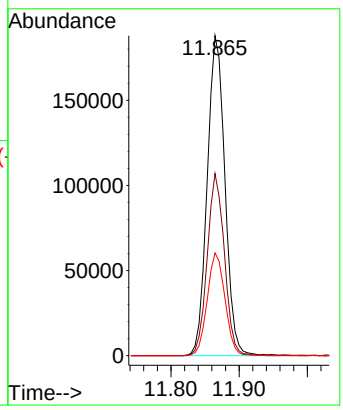


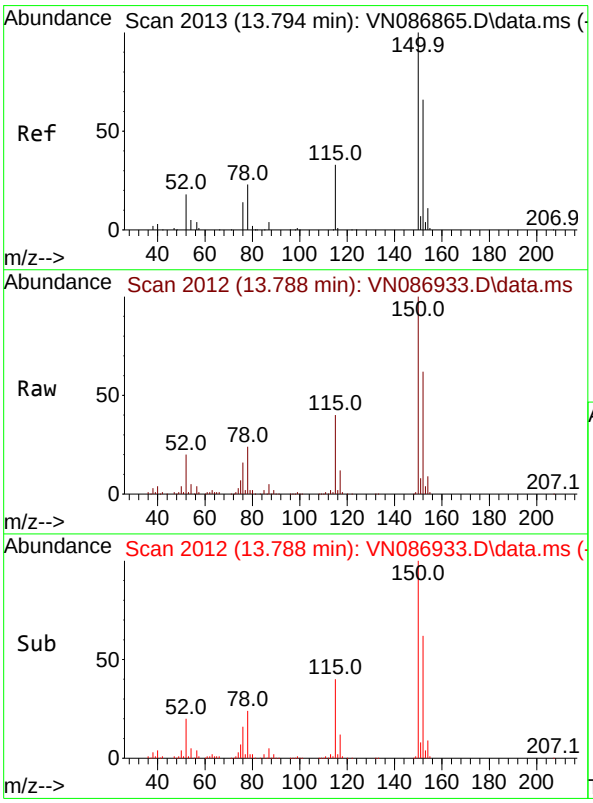
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Tgt Ion:117 Resp: 340856

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.6	67.0
119	32.1	25.5	38.3

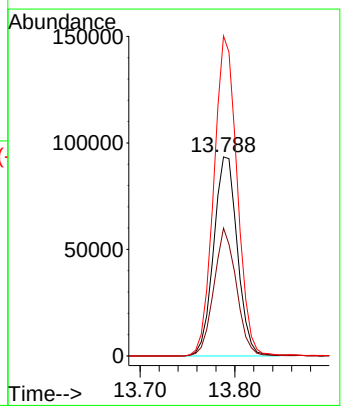




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086933.D
Acq: 10 Jun 2025 16:48

Tgt Ion:152 Resp: 162809

Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.1	90.5
150	158.4	0.0	345.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086933.D
Acq On : 10 Jun 2025 16:48
Operator : JC\MD
Sample : Q2251-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN086933.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.447	414	424	439	rBV	44400	138287	11.53%	2.206%
2	5.300	561	569	579	rVB4	5031	15264	1.27%	0.243%
3	7.500	937	943	951	rBV	12508	28055	2.34%	0.447%
4	7.853	997	1003	1011	rBV3	7483	19091	1.59%	0.304%
5	8.177	1048	1058	1062	rBV	148709	353416	29.48%	5.637%
6	8.235	1062	1068	1081	rVB	262629	599169	49.97%	9.557%
7	8.588	1119	1128	1142	rBV	169034	387219	32.30%	6.176%
8	8.965	1186	1192	1204	rVB2	6791	18118	1.51%	0.289%
9	9.106	1207	1216	1226	rVB	413917	851514	71.02%	13.581%
10	10.571	1456	1465	1474	rBV	632706	1198944	100.00%	19.123%
11	11.865	1676	1685	1696	rBV	544499	987767	82.39%	15.754%
12	12.847	1844	1852	1870	rVB	412443	722342	60.25%	11.521%
13	13.788	2005	2012	2022	rBV	554522	950565	79.28%	15.161%

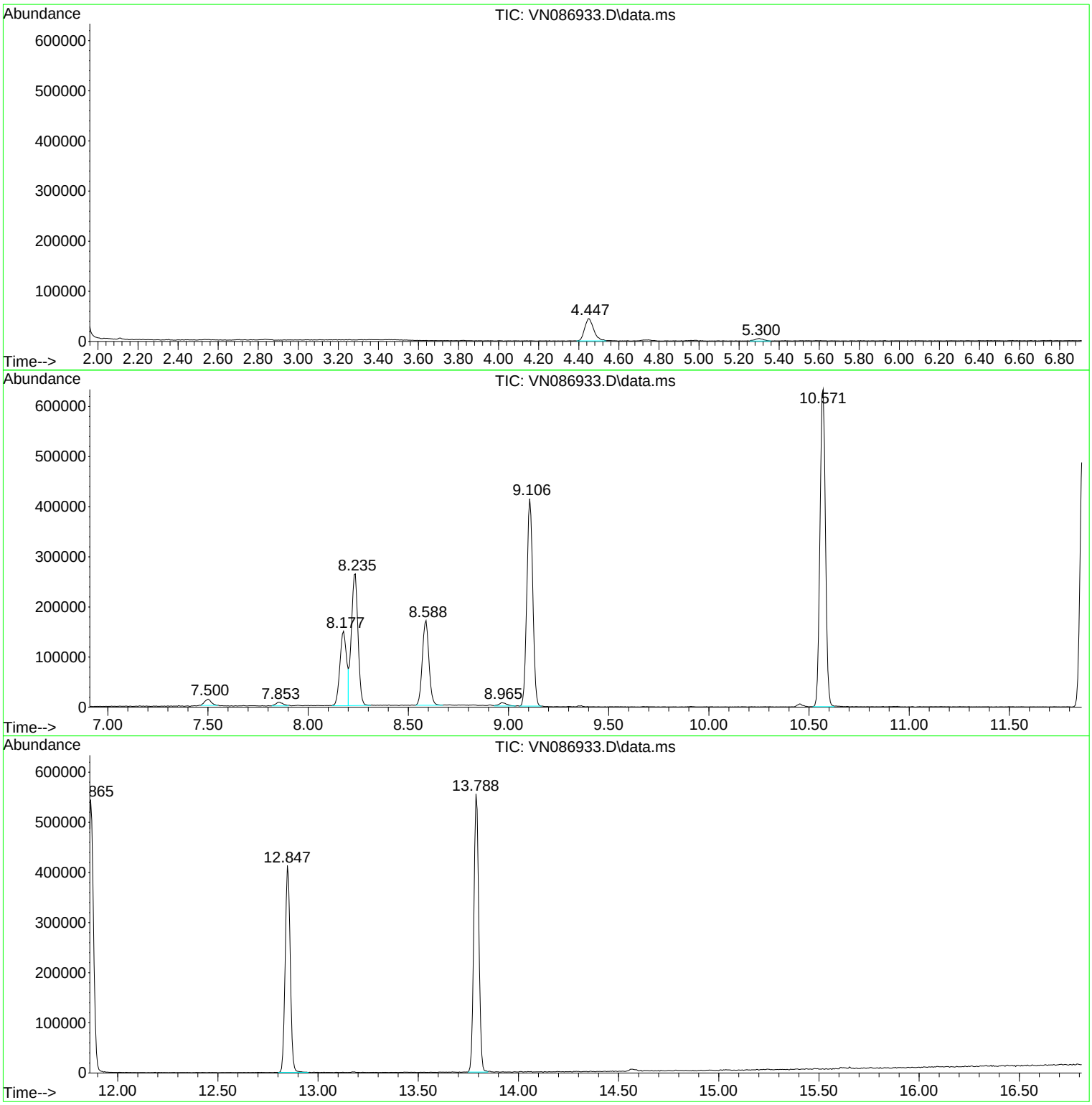
Sum of corrected areas: 6269751

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086933.D
Acq On : 10 Jun 2025 16:48
Operator : JC\MD
Sample : Q2251-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086933.D
Acq On : 10 Jun 2025 16:48
Operator : JC\MD
Sample : Q2251-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086933.D
Acq On : 10 Jun 2025 16:48
Operator : JC\MD
Sample : Q2251-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/05/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	VPB182-HYD-20250605	SDG No.:	Q2251
Lab Sample ID:	Q2251-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086946.D	1		06/11/25 14:22	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/05/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	VPB182-HYD-20250605	SDG No.:	Q2251
Lab Sample ID:	Q2251-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086946.D	1		06/11/25 14:22	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	1.20		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.9		81 - 118		96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.4		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	313000	8.23				
540-36-3	1,4-Difluorobenzene	590000	9.106				
3114-55-4	Chlorobenzene-d5	504000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	240000	13.788				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/05/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	VPB182-HYD-20250605	SDG No.:	Q2251
Lab Sample ID:	Q2251-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086946.D	1		06/11/25 14:22	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086946.D
Acq On : 11 Jun 2025 14:22
Operator : JC\MD
Sample : Q2251-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Quant Time: Jun 12 02:11:00 2025
Quant Title :
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

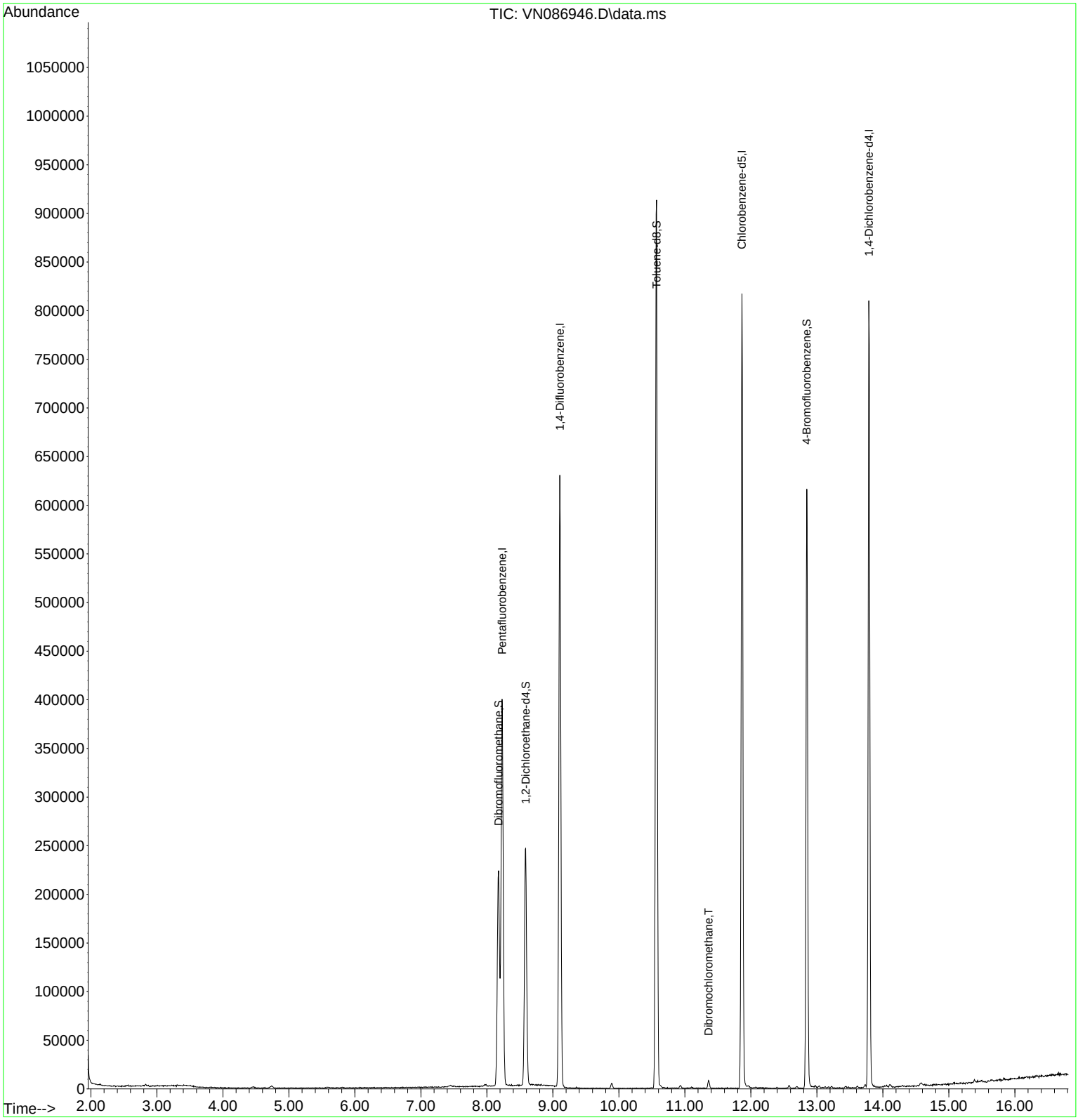
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	313297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	589692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	504294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	239780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	200852	47.882	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.760%		
35) Dibromofluoromethane	8.177	113	172903	49.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	10.571	98	683622	49.415	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.820%		
62) 4-Bromofluorobenzene	12.847	95	248144	48.278	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.560%		
Target Compounds						Qvalue
60) Dibromochloromethane	11.359	129	4962	1.189	ug/l	98

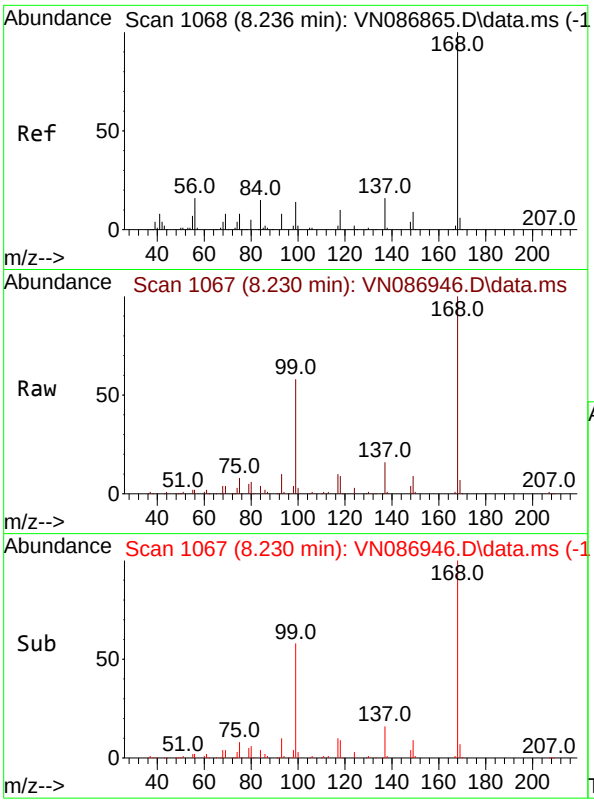
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086946.D
Acq On : 11 Jun 2025 14:22
Operator : JC\MD
Sample : Q2251-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Quant Time: Jun 12 02:11:00 2025
Quant Title :
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



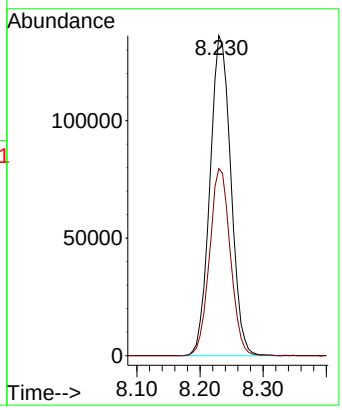


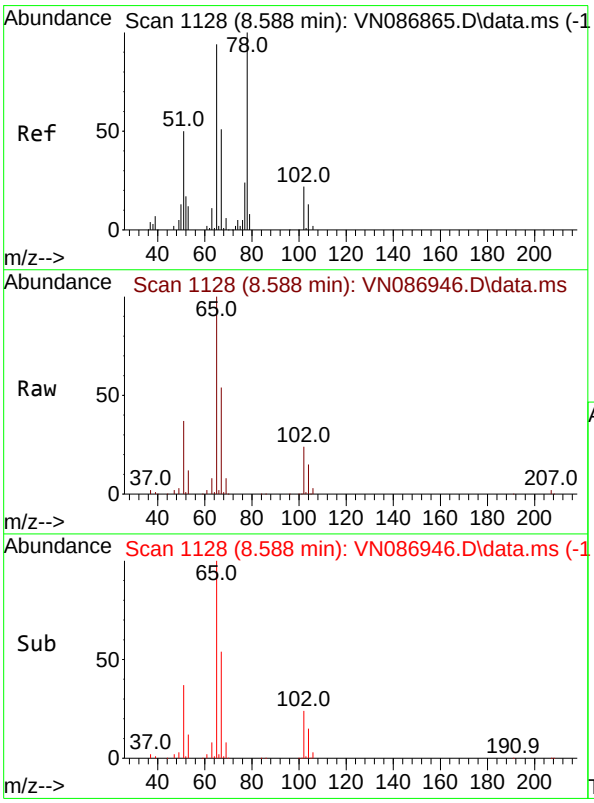
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:168 Resp: 313297

Ion	Ratio	Lower	Upper
168	100		
99	58.4	49.1	73.7

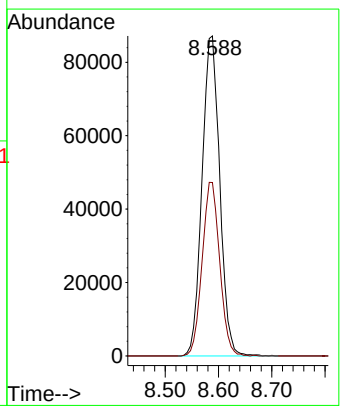


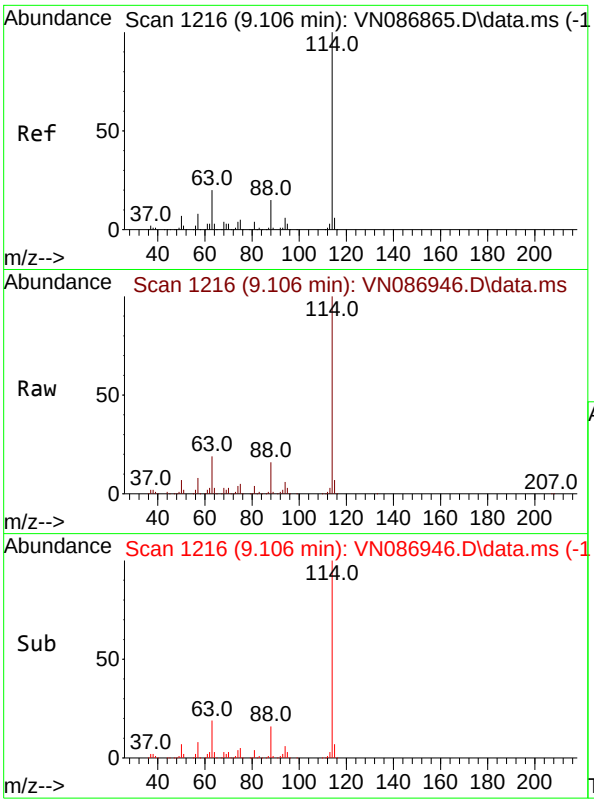


#33
1,2-Dichloroethane-d4
Concen: 47.882 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

Tgt Ion: 65 Resp: 200852

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.6



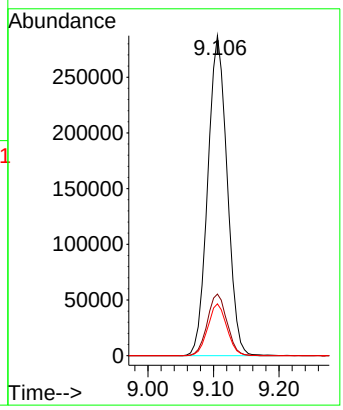


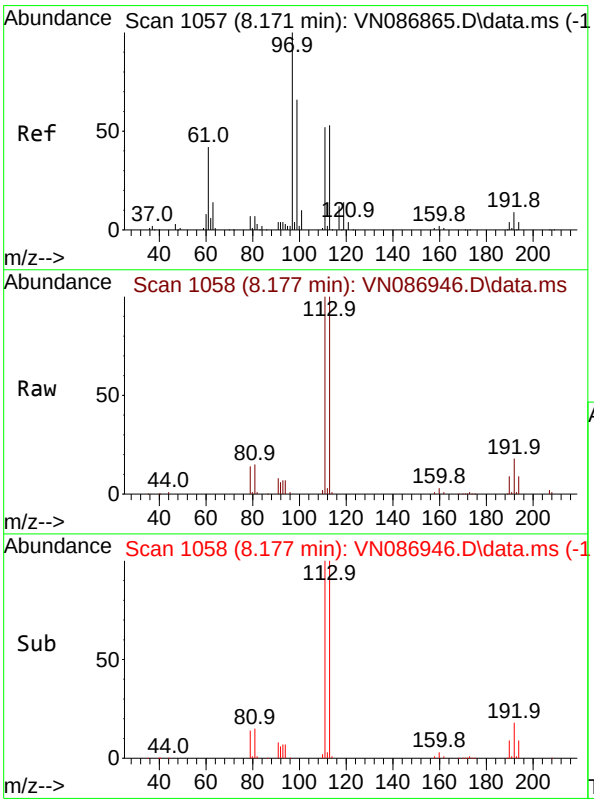
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:114 Resp: 589692

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.6
88	16.2	0.0	30.2

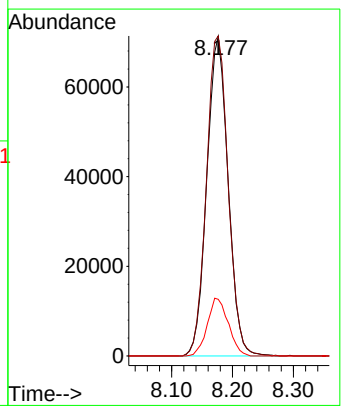


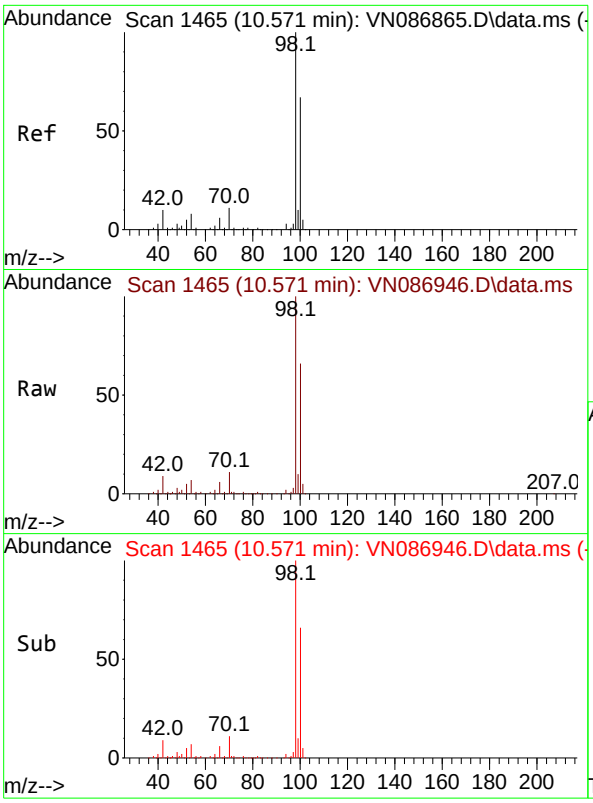


#35
Dibromofluoromethane
Concen: 49.476 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

Tgt Ion:113 Resp: 172903

Ion	Ratio	Lower	Upper
113	100		
111	102.4	84.2	126.2
192	17.9	14.2	21.4



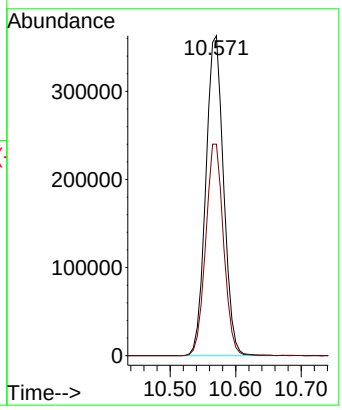


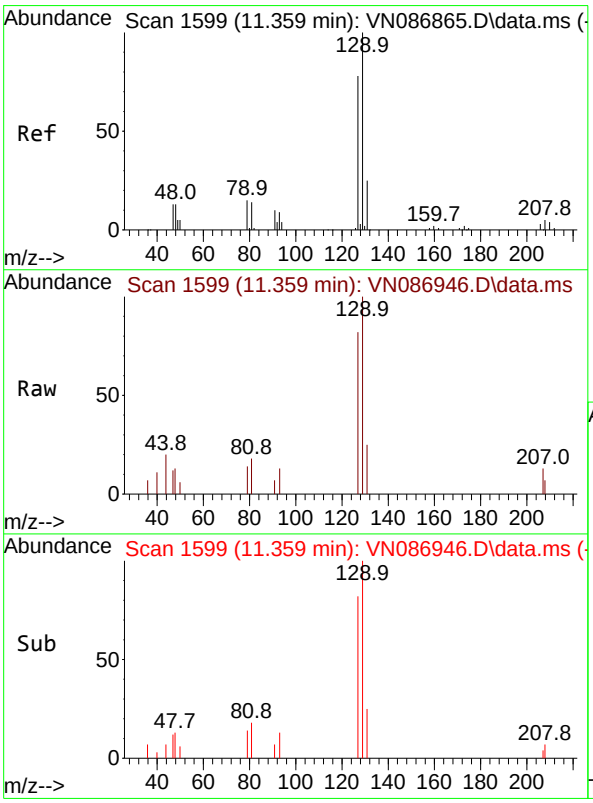
#50
Toluene-d8
Concen: 49.415 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion: 98 Resp: 683622

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.0

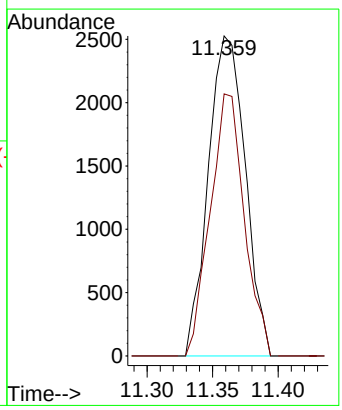


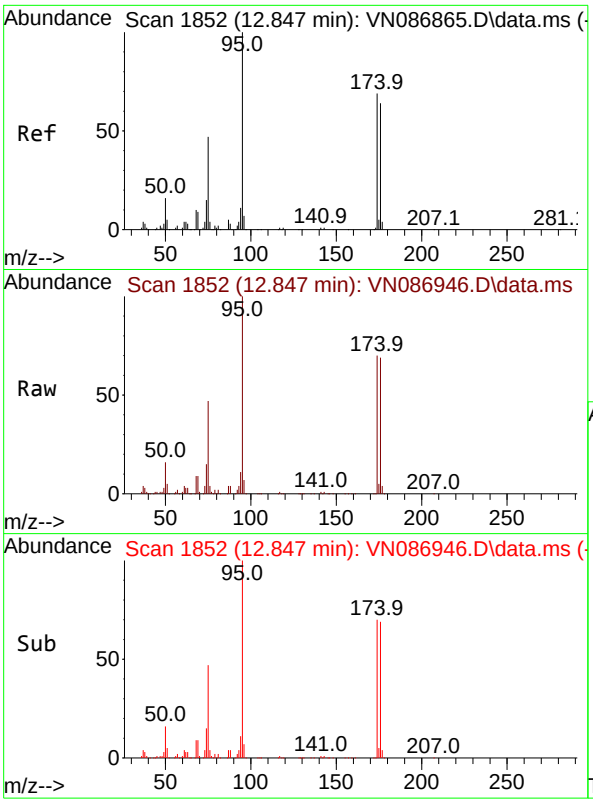


#60
Dibromochloromethane
Concen: 1.189 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

Tgt Ion:129 Resp: 4962

Ion	Ratio	Lower	Upper
129	100		
127	75.4	38.6	115.8



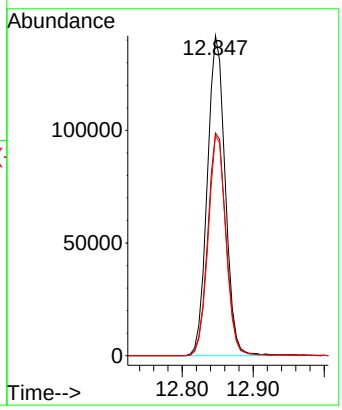


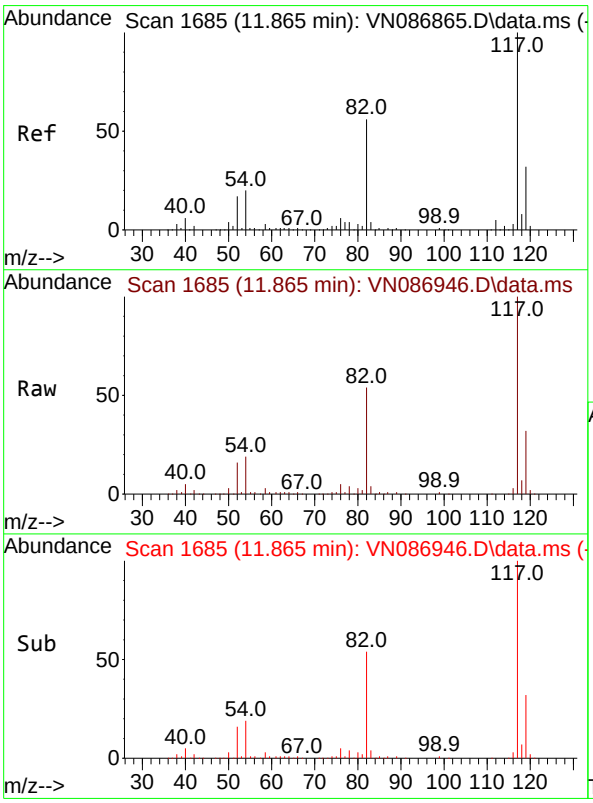
#62
4-Bromofluorobenzene
Concen: 48.278 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion: 95 Resp: 248144

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	141.8
176	68.2	0.0	132.6

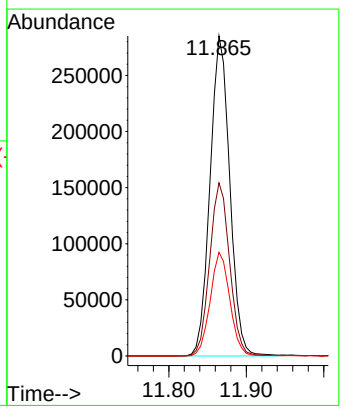


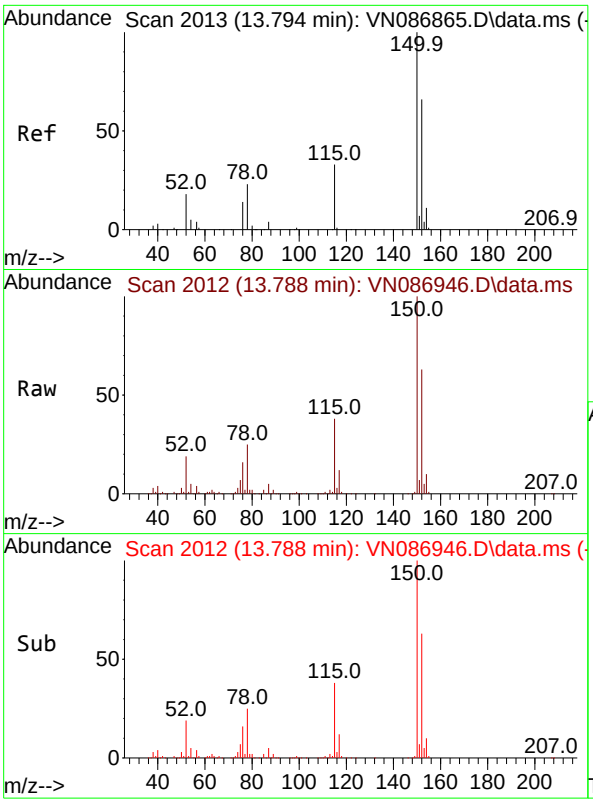


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

Tgt Ion:117 Resp: 504294

Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.6	67.0
119	32.4	25.5	38.3



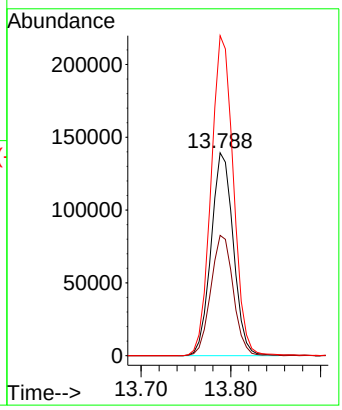


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:152 Resp: 239780

Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.1	90.5
150	158.4	0.0	345.0



Sample Results: **VN086946.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086946.D
Acq On : 11 Jun 2025 14:22
Operator : JC\MD
Sample : Q2251-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN086946.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.177	1047	1058	1062	rBV	221335	534018	30.90%	5.980%
2	8.230	1062	1067	1078	rVB	396521	896039	51.85%	10.034%
3	8.588	1119	1128	1141	rVB	243275	556516	32.20%	6.232%
4	9.106	1206	1216	1228	rVB	629415	1296575	75.02%	14.519%
5	10.571	1456	1465	1481	rBV	912759	1728281	100.00%	19.353%
6	11.865	1677	1685	1698	rBV	816508	1454401	84.15%	16.286%
7	12.847	1842	1852	1867	rBV	615994	1077992	62.37%	12.071%
8	13.788	2005	2012	2024	rBV	807984	1386546	80.23%	15.526%

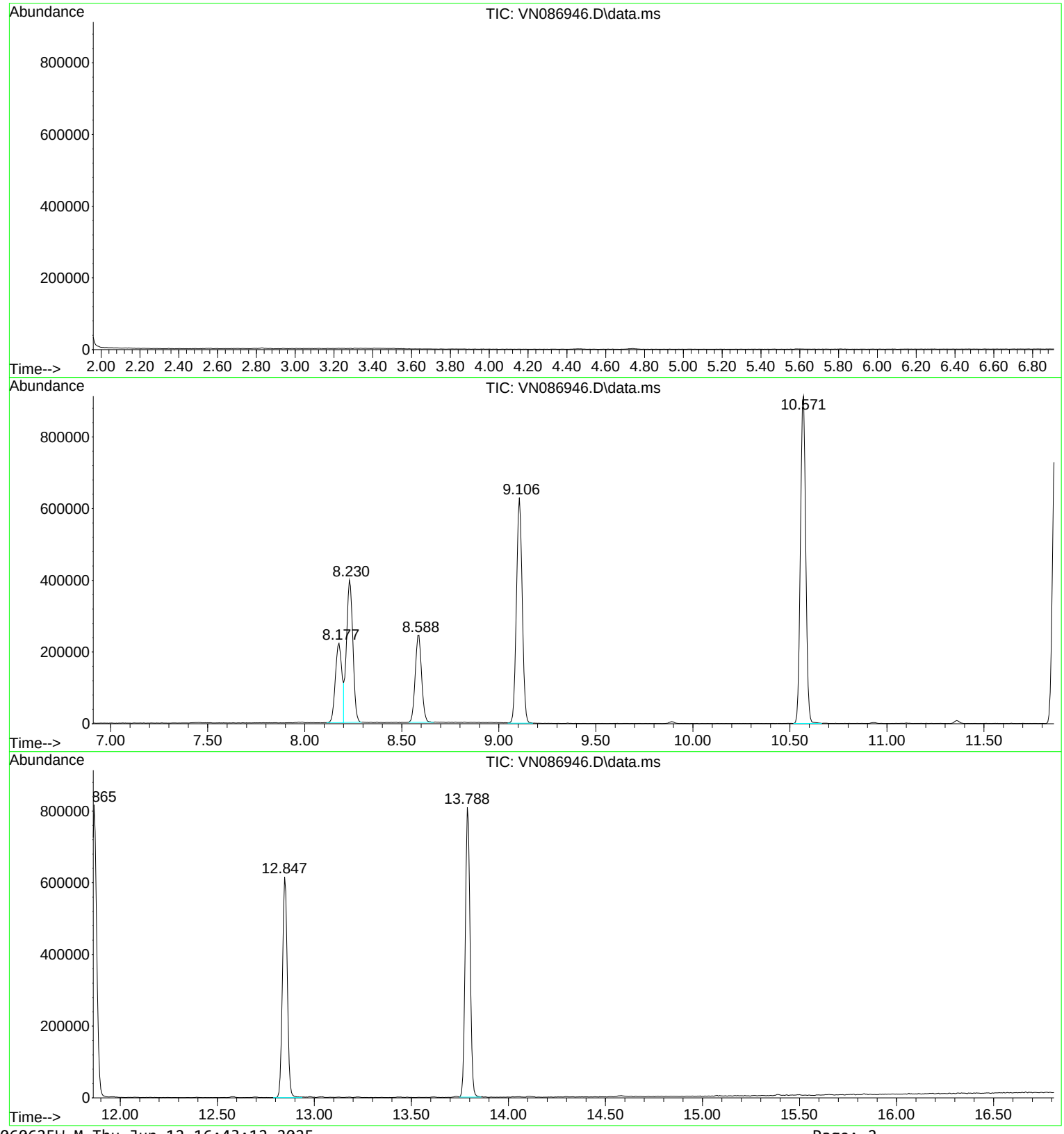
Sum of corrected areas: 8930368

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086946.D
Acq On : 11 Jun 2025 14:22
Operator : JC\MD
Sample : Q2251-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Quant Title :

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086946.D
Acq On : 11 Jun 2025 14:22
Operator : JC\MD
Sample : Q2251-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Quant Title :

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086946.D
Acq On : 11 Jun 2025 14:22
Operator : JC\MD
Sample : Q2251-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Quant Title :

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/04/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-GW-780-782	SDG No.:	Q2251
Lab Sample ID:	Q2251-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	12.5
Sample Wt/Vol:	6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022658.D	1		06/11/25 12:48	VY061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	16.7	U	7.60	16.7	33.3	ug/Kg
75-01-4	Vinyl Chloride	16.7	U	5.30	16.7	33.3	ug/Kg
74-83-9	Bromomethane	8.00	J	7.10	26.7	33.3	ug/Kg
75-00-3	Chloroethane	16.7	U	8.40	16.7	33.3	ug/Kg
75-69-4	Trichlorofluoromethane	26.7	U	8.10	26.7	33.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	16.7	U	7.10	16.7	33.3	ug/Kg
75-35-4	1,1-Dichloroethene	16.7	U	6.70	16.7	33.3	ug/Kg
67-64-1	Acetone	100	J	31.6	130	170	ug/Kg
75-15-0	Carbon Disulfide	26.7	U	7.10	26.7	33.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	16.7	U	4.90	16.7	33.3	ug/Kg
75-09-2	Methylene Chloride	53.3	U	23.5	53.3	66.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	16.7	U	5.70	16.7	33.3	ug/Kg
75-34-3	1,1-Dichloroethane	16.7	U	5.30	16.7	33.3	ug/Kg
78-93-3	2-Butanone	130	U	43.6	130	170	ug/Kg
56-23-5	Carbon Tetrachloride	16.7	U	6.50	16.7	33.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	16.7	U	5.00	16.7	33.3	ug/Kg
67-66-3	Chloroform	26.7	U	5.60	26.7	33.3	ug/Kg
71-55-6	1,1,1-Trichloroethane	16.7	U	6.20	16.7	33.3	ug/Kg
108-87-2	Methylcyclohexane	16.7	U	6.10	16.7	33.3	ug/Kg
71-43-2	Benzene	16.7	U	5.30	16.7	33.3	ug/Kg
107-06-2	1,2-Dichloroethane	16.7	U	5.30	16.7	33.3	ug/Kg
79-01-6	Trichloroethene	16.7	U	5.40	16.7	33.3	ug/Kg
78-87-5	1,2-Dichloropropane	16.7	U	6.10	16.7	33.3	ug/Kg
75-27-4	Bromodichloromethane	16.7	U	5.20	16.7	33.3	ug/Kg
108-10-1	4-Methyl-2-Pentanone	83.3	U	23.9	83.3	170	ug/Kg
108-88-3	Toluene	16.7	U	5.20	16.7	33.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	16.7	U	4.30	16.7	33.3	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	16.7	U	4.10	16.7	33.3	ug/Kg
79-00-5	1,1,2-Trichloroethane	16.7	U	6.10	16.7	33.3	ug/Kg
591-78-6	2-Hexanone	83.3	U	24.6	83.3	170	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/04/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-GW-780-782	SDG No.:	Q2251
Lab Sample ID:	Q2251-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	12.5
Sample Wt/Vol:	6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022658.D	1		06/11/25 12:48	VY061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
124-48-1	Dibromochloromethane	16.7	U	5.80	16.7	33.3	ug/Kg
127-18-4	Tetrachloroethene	16.7	U	7.00	16.7	33.3	ug/Kg
108-90-7	Chlorobenzene	16.7	U	6.10	16.7	33.3	ug/Kg
100-41-4	Ethyl Benzene	16.7	U	4.50	16.7	33.3	ug/Kg
179601-23-1	m/p-Xylenes	33.3	U	8.30	33.3	66.7	ug/Kg
95-47-6	o-Xylene	16.7	U	5.50	16.7	33.3	ug/Kg
100-42-5	Styrene	16.7	U	4.70	16.7	33.3	ug/Kg
75-25-2	Bromoform	16.7	U	5.70	16.7	33.3	ug/Kg
98-82-8	Isopropylbenzene	16.7	U	5.20	16.7	33.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	16.7	U	8.10	16.7	33.3	ug/Kg
541-73-1	1,3-Dichlorobenzene	16.7	U	11.4	16.7	33.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	16.7	U	10.4	16.7	33.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	16.7	U	9.70	16.7	33.3	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.0		71 - 136		108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	49.7		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.2		79 - 119		82%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	210000	7.707				
540-36-3	1,4-Difluorobenzene	390000	8.616				
3114-55-4	Chlorobenzene-d5	315000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	106000	13.347				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	06/04/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	06/05/25
Client Sample ID:	BP-VPB-182-GW-780-782	SDG No.:	Q2251
Lab Sample ID:	Q2251-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	12.5
Sample Wt/Vol:	6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022658.D	1		06/11/25 12:48	VY061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022658.D
Acq On : 11 Jun 2025 12:48
Operator : SY/MD
Sample : Q2251-07
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Quant Time: Jun 12 05:06:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

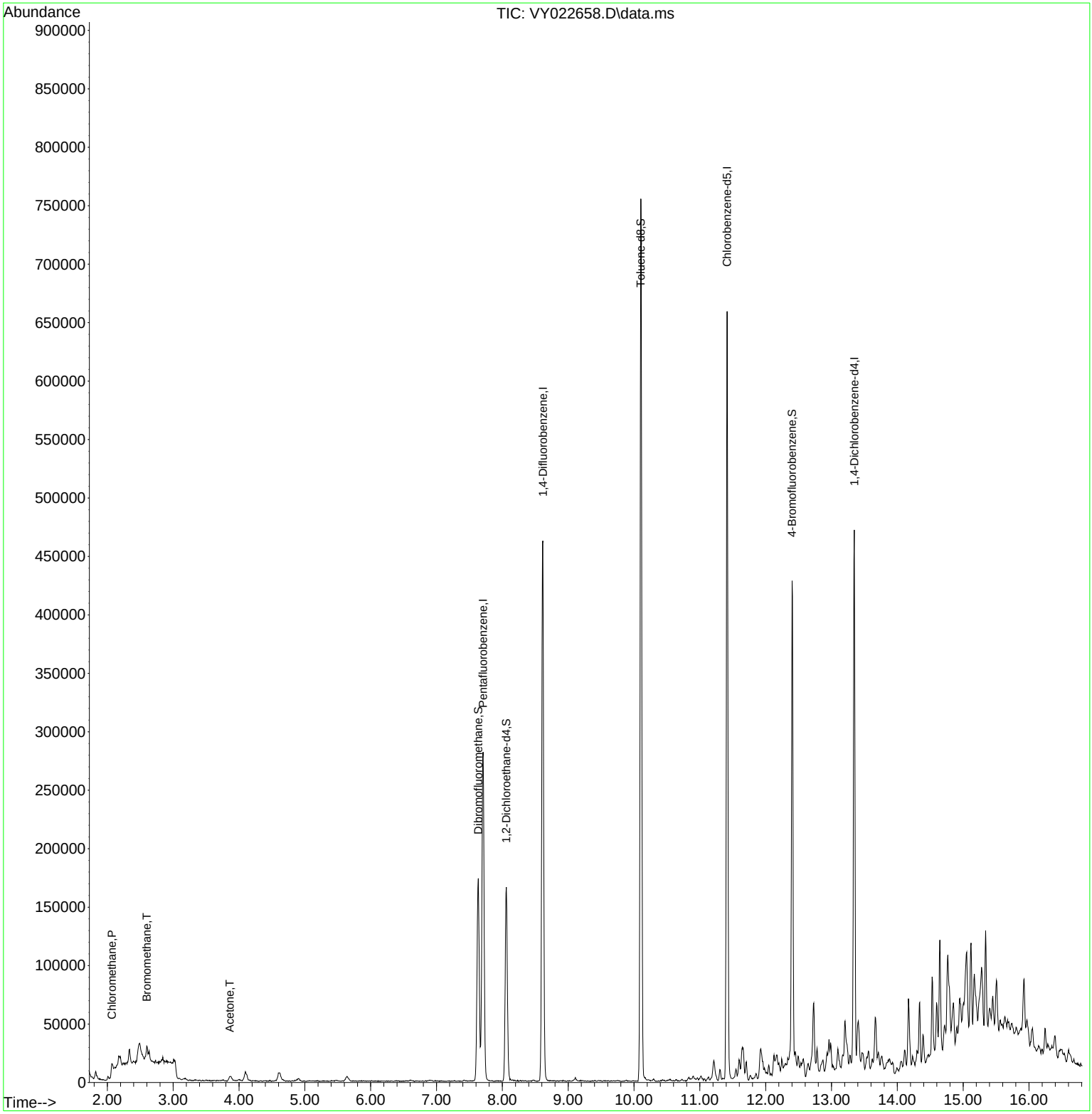
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	210051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	390122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	315222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	106070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126766	53.959	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.920%			
35) Dibromofluoromethane	7.634	113	119054	51.128	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.260%			
50) Toluene-d8	10.103	98	468077	49.749	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.500%			
62) 4-Bromofluorobenzene	12.402	95	115544	41.216	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 82.440%			
Target Compounds						Qvalue
3) Chloromethane	2.068	50	6002	1.080	ug/l #	86
5) Bromomethane	2.599	94	7431	1.203	ug/l	86
16) Acetone	3.861	43	7229	15.152	ug/l	96

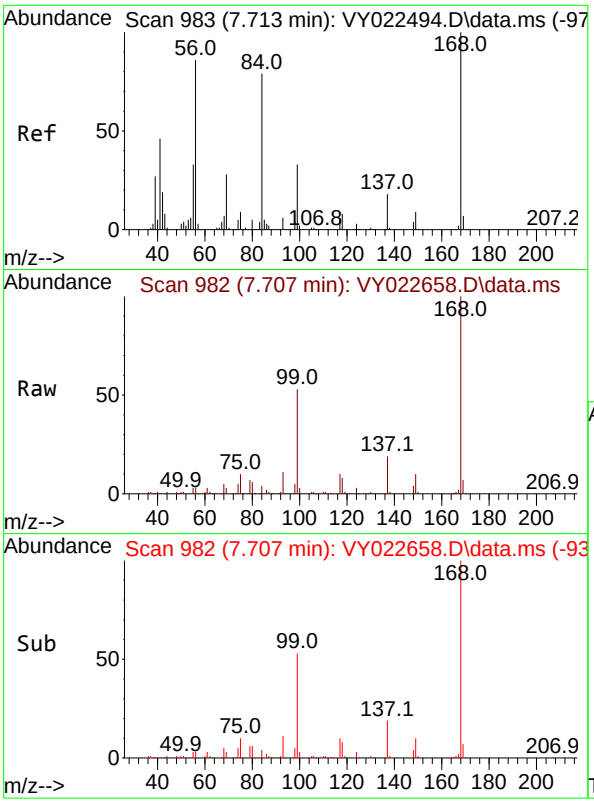
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022658.D
Acq On : 11 Jun 2025 12:48
Operator : SY/MD
Sample : Q2251-07
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Quant Time: Jun 12 05:06:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



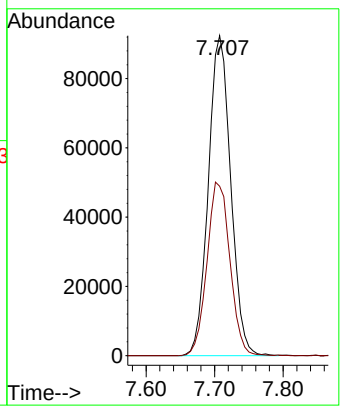


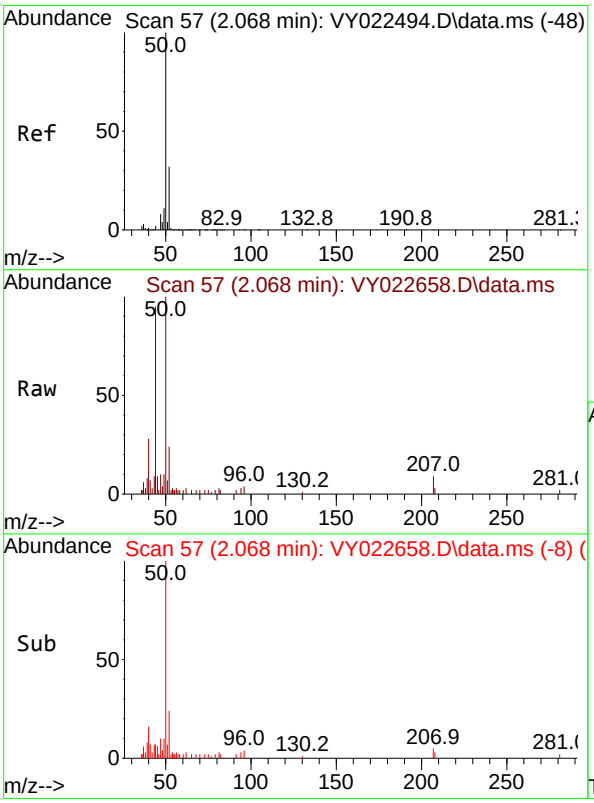
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022658.D
Acq: 11 Jun 2025 12:48

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Tgt Ion:168 Resp: 210051

Ion	Ratio	Lower	Upper
168	100		
99	52.9	44.3	66.5

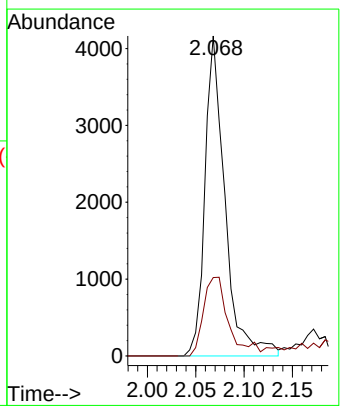


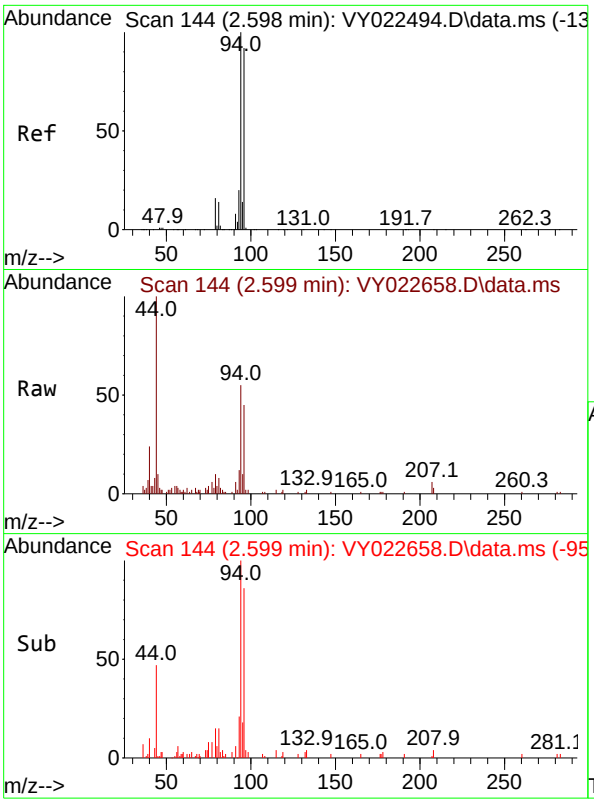


#3
Chloromethane
Concen: 1.080 ug/l
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY022658.D
Acq: 11 Jun 2025 12:48

Tgt Ion: 50 Resp: 6002

Ion	Ratio	Lower	Upper
50	100		
52	24.5	26.0	39.0#



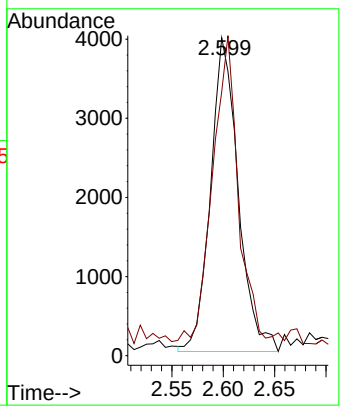


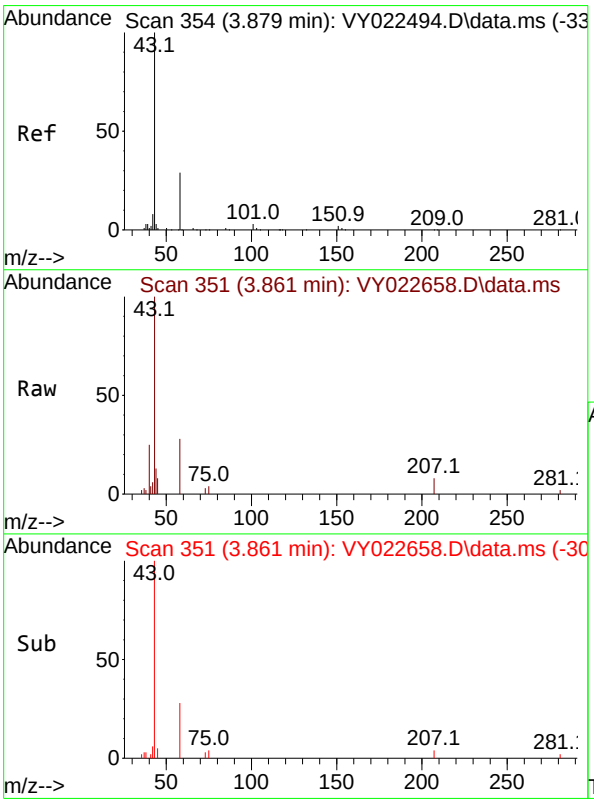
#5
Bromomethane
Concen: 1.203 ug/l
RT: 2.599 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022658.D
Acq: 11 Jun 2025 12:48

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Tgt Ion: 94 Resp: 7431

Ion	Ratio	Lower	Upper
94	100		
96	79.2	74.0	111.0

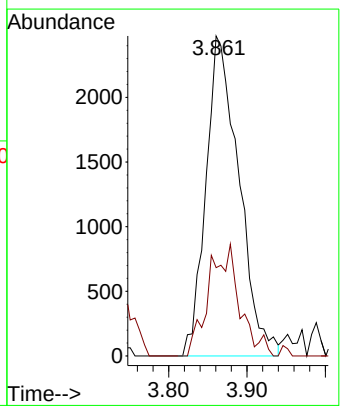


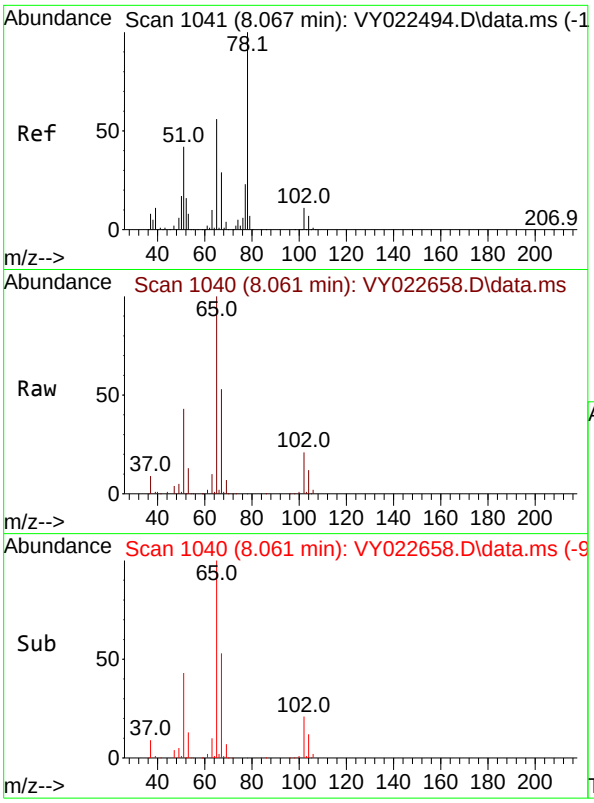


#16
Acetone
Concen: 15.152 ug/l
RT: 3.861 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY022658.D
Acq: 11 Jun 2025 12:48

Tgt Ion: 43 Resp: 7229

Ion	Ratio	Lower	Upper
43	100		
58	27.6	24.0	36.0



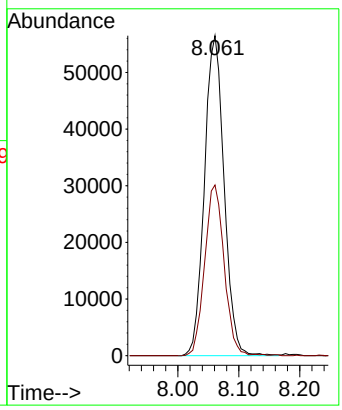


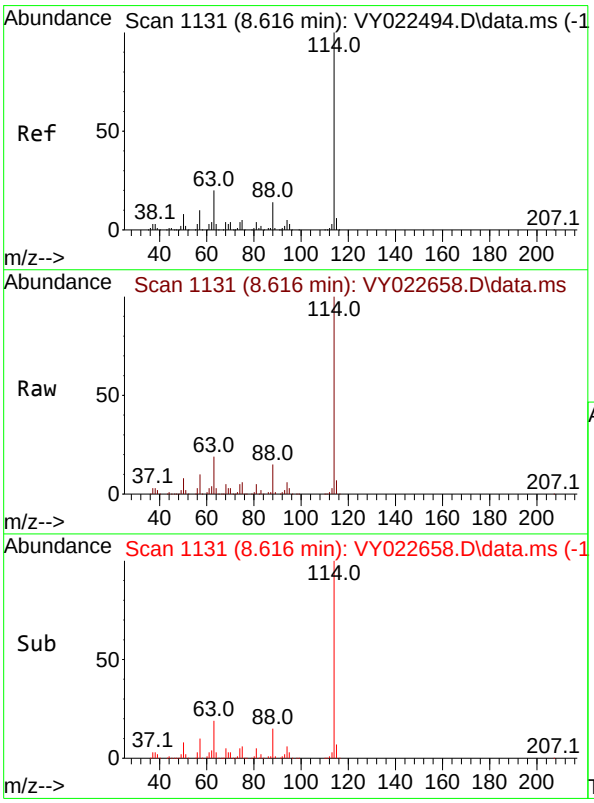
#33
1,2-Dichloroethane-d4
Concen: 53.959 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022658.D
Acq: 11 Jun 2025 12:48

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Tgt Ion: 65 Resp: 126766

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.4

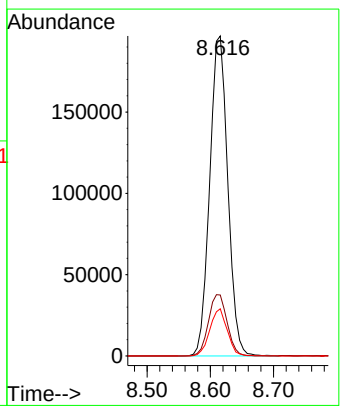


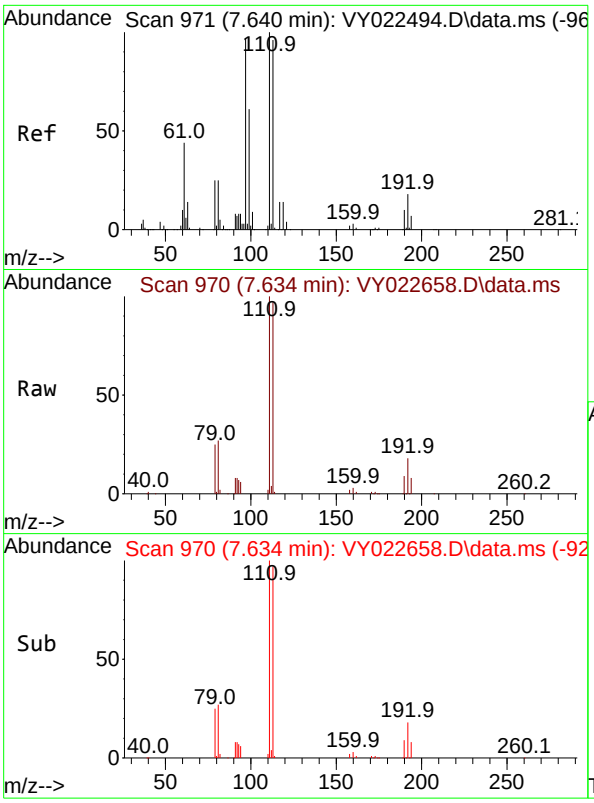


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022658.D
Acq: 11 Jun 2025 12:48

Tgt Ion:114 Resp: 390122

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.8
88	14.8	0.0	27.8



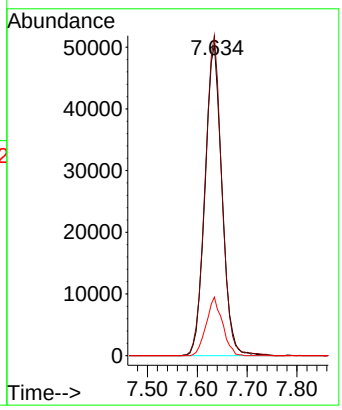


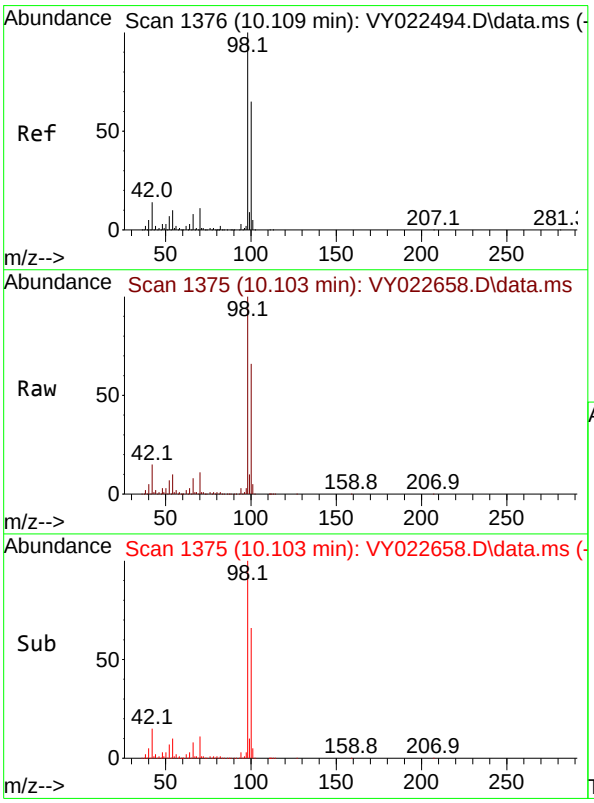
#35
Dibromofluoromethane
Concen: 51.128 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022658.D
Acq: 11 Jun 2025 12:48

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Tgt Ion:113 Resp: 119054

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	18.0	14.2	21.2

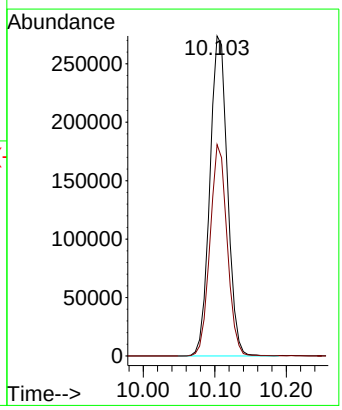


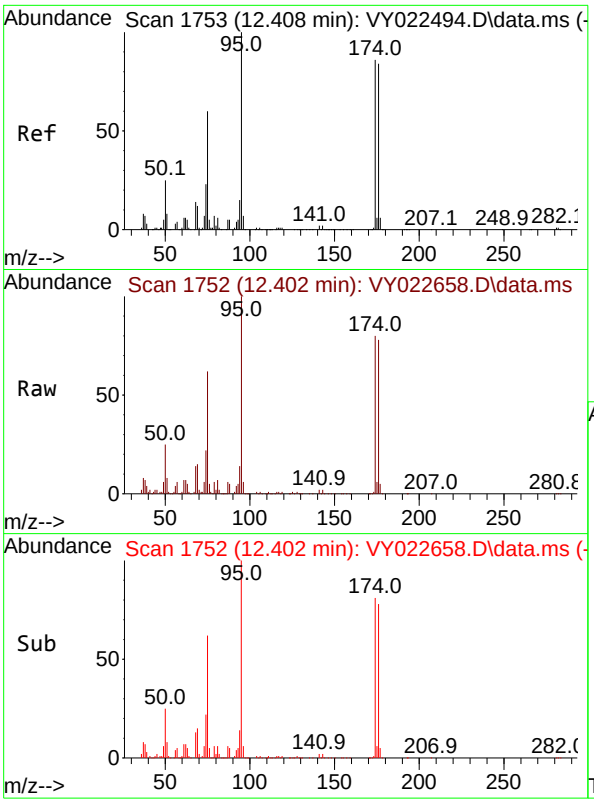


#50
Toluene-d8
Concen: 49.749 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022658.D
Acq: 11 Jun 2025 12:48

Tgt Ion: 98 Resp: 468077

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0



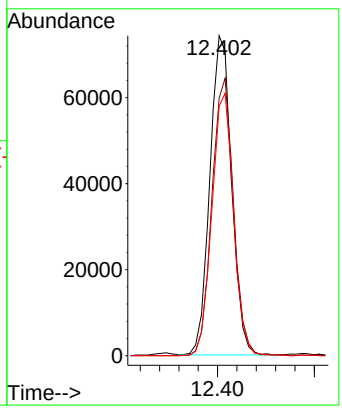


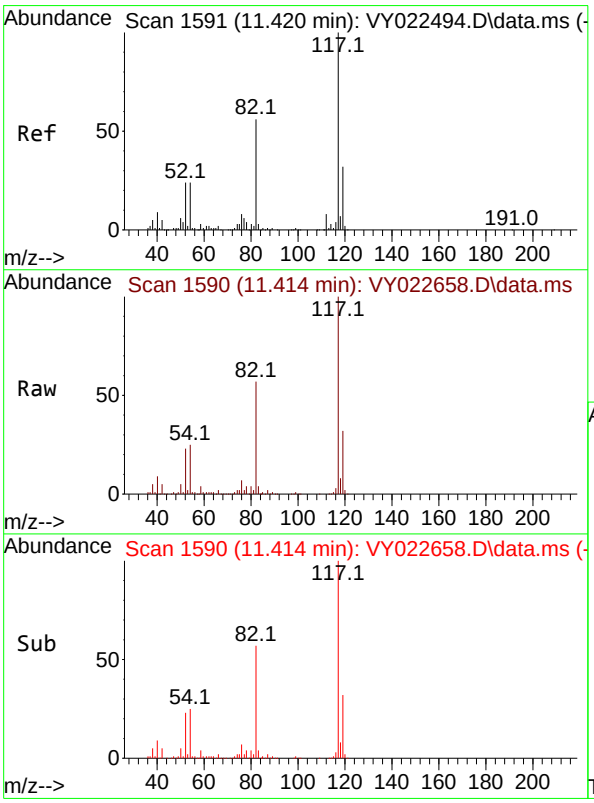
#62
4-Bromofluorobenzene
Concen: 41.216 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022658.D
Acq: 11 Jun 2025 12:48

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Tgt Ion: 95 Resp: 115544

Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	170.0
176	82.3	0.0	166.2

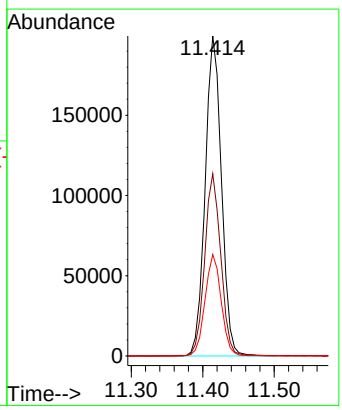


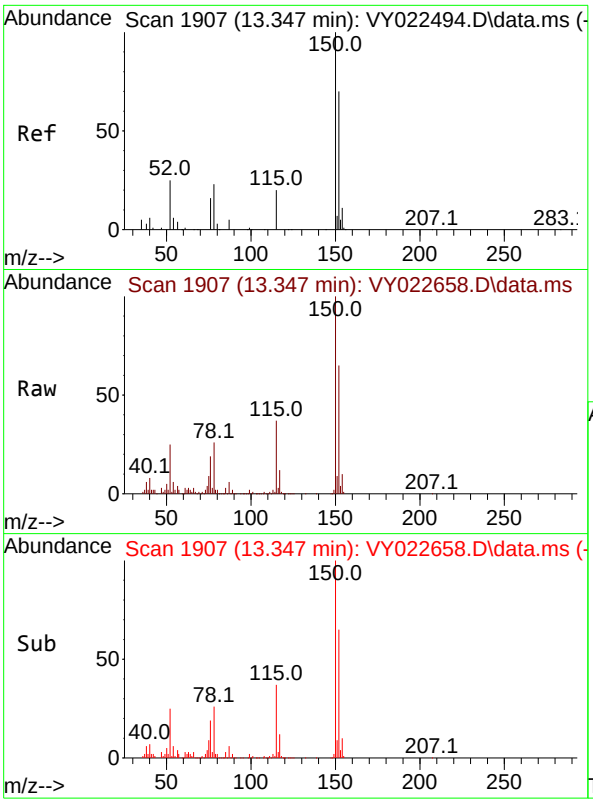


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022658.D
Acq: 11 Jun 2025 12:48

Tgt Ion:117 Resp: 315222

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.6	66.8
119	31.7	25.4	38.0



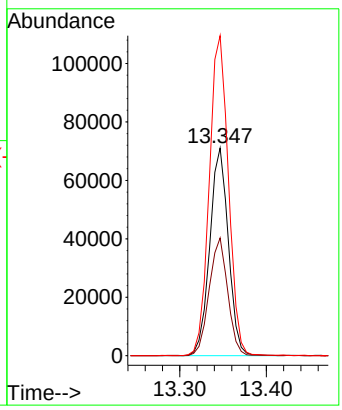


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022658.D
Acq: 11 Jun 2025 12:48

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Tgt Ion:152 Resp: 106070

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.9	86.7
150	158.4	0.0	349.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022658.D
Acq On : 11 Jun 2025 12:48
Operator : SY/MD
Sample : Q2251-07
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Title : SW846 8260

Signal : TIC: VY022658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.824	11	17	25	rVB3	6827	13131	1.02%	0.139%
2	2.068	53	57	61	rBV2	12414	25827	2.01%	0.273%
3	2.336	97	101	107	rVB2	11918	20069	1.56%	0.212%
4	2.489	118	126	138	rBV5	16148	62953	4.90%	0.666%
5	3.873	344	353	359	rBV3	4190	13741	1.07%	0.145%
6	4.098	382	390	397	rBV5	7826	20738	1.61%	0.219%
7	7.634	956	970	975	rBV	173286	403515	31.42%	4.268%
8	7.707	975	982	997	rVB	281252	657411	51.19%	6.953%
9	8.061	1028	1040	1049	rBV2	166105	375838	29.27%	3.975%
10	8.616	1120	1131	1144	rBV	462047	930523	72.46%	9.842%
11	10.103	1368	1375	1385	rBV	754894	1284256	100.00%	13.583%
12	11.213	1547	1557	1567	rVB6	17197	45599	3.55%	0.482%
13	11.304	1567	1572	1577	rBV2	9454	15801	1.23%	0.167%
14	11.414	1583	1590	1601	rBV	656593	1032893	80.43%	10.925%
15	11.548	1604	1612	1615	rVV4	8444	14937	1.16%	0.158%
16	11.597	1615	1620	1623	rVV4	16440	29937	2.33%	0.317%
17	11.646	1623	1628	1634	rVV4	27094	73930	5.76%	0.782%
18	11.707	1634	1638	1643	rVB2	15731	26017	2.03%	0.275%
19	11.926	1666	1674	1682	rBV4	25691	79727	6.21%	0.843%
20	12.127	1702	1707	1709	rBV3	17410	28134	2.19%	0.298%
21	12.243	1723	1726	1730	rBV2	10280	14002	1.09%	0.148%
22	12.402	1744	1752	1758	rBV	409099	655014	51.00%	6.928%
23	12.572	1777	1780	1786	rVB7	15276	27605	2.15%	0.292%
24	12.646	1786	1792	1796	rBV8	11310	26702	2.08%	0.282%
25	12.731	1796	1806	1811	rVV5	60281	138037	10.75%	1.460%
26	12.780	1811	1814	1820	rVV3	20172	29552	2.30%	0.313%
27	12.871	1820	1829	1833	rVV6	9761	23094	1.80%	0.244%
28	12.932	1833	1839	1840	rBV3	15815	22735	1.77%	0.240%
29	12.963	1841	1844	1846	rVV2	24626	34686	2.70%	0.367%
30	12.987	1846	1848	1854	rVB	21095	27514	2.14%	0.291%
31	13.097	1861	1866	1874	rBV5	16939	33083	2.58%	0.350%
32	13.170	1874	1878	1880	rBV3	10828	17820	1.39%	0.188%
33	13.206	1880	1884	1893	rVV7	38870	94453	7.35%	0.999%
34	13.347	1900	1907	1912	rVV	457039	716303	55.78%	7.576%
35	13.408	1912	1917	1923	rVV2	35784	78881	6.14%	0.834%
36	13.462	1924	1926	1933	rVB5	14171	29903	2.33%	0.316%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022658.D
Acq On : 11 Jun 2025 12:48
Operator : SY/MD
Sample : Q2251-07
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Title : SW846 8260

37	13.536	1933	1938	1939	rBV5	10523	14412	1.12%	0.152%
38	13.560	1940	1942	1947	rVB4	15196	20583	1.60%	0.218%
39	13.621	1947	1952	1954	rBV5	8415	13370	1.04%	0.141%
40	13.664	1954	1959	1964	rBV4	38465	71369	5.56%	0.755%
41	13.761	1971	1975	1981	rVB7	11218	24189	1.88%	0.256%
42	14.060	2020	2024	2027	rVV5	8767	17246	1.34%	0.182%
43	14.109	2028	2032	2037	rVV5	17325	33218	2.59%	0.351%
44	14.170	2037	2042	2049	rVV4	59882	111073	8.65%	1.175%
45	14.231	2049	2052	2058	rVV7	9360	16970	1.32%	0.179%
46	14.298	2058	2063	2065	rVV5	12947	20624	1.61%	0.218%
47	14.340	2065	2070	2074	rVV	53025	84667	6.59%	0.896%
48	14.389	2074	2078	2084	rVB4	24062	41600	3.24%	0.440%
49	14.529	2097	2101	2107	rBV2	66316	102301	7.97%	1.082%
50	14.596	2108	2112	2116	rBV3	40233	66053	5.14%	0.699%
51	14.645	2116	2120	2127	rVB3	94136	153848	11.98%	1.627%
52	14.718	2127	2132	2135	rBV6	21034	44141	3.44%	0.467%
53	14.767	2135	2140	2148	rVV5	66863	165143	12.86%	1.747%
54	14.907	2158	2163	2165	rBV5	14800	24367	1.90%	0.258%
55	14.950	2166	2170	2174	rVV6	38117	82740	6.44%	0.875%
56	15.005	2176	2179	2180	rVV2	33240	45173	3.52%	0.478%
57	15.054	2181	2187	2192	rVV6	75670	194191	15.12%	2.054%
58	15.121	2192	2198	2202	rVV3	82397	153098	11.92%	1.619%
59	15.169	2202	2206	2214	rVV5	54535	151893	11.83%	1.607%
60	15.279	2215	2224	2230	rVV9	58674	193773	15.09%	2.050%
61	15.340	2230	2234	2240	rVV2	88414	141736	11.04%	1.499%
62	15.401	2240	2244	2248	rVV5	21262	48902	3.81%	0.517%
63	15.450	2249	2252	2256	rVV4	30855	50577	3.94%	0.535%
64	15.505	2257	2261	2267	rVB6	42996	80843	6.29%	0.855%
65	15.925	2325	2330	2334	rVB2	41436	68477	5.33%	0.724%
66	16.053	2347	2351	2356	rVB6	16480	29221	2.28%	0.309%
67	16.242	2378	2382	2387	rBV2	20723	35030	2.73%	0.371%
68	16.602	2436	2441	2451	rVB9	10903	29361	2.29%	0.311%

Sum of corrected areas: 9454550

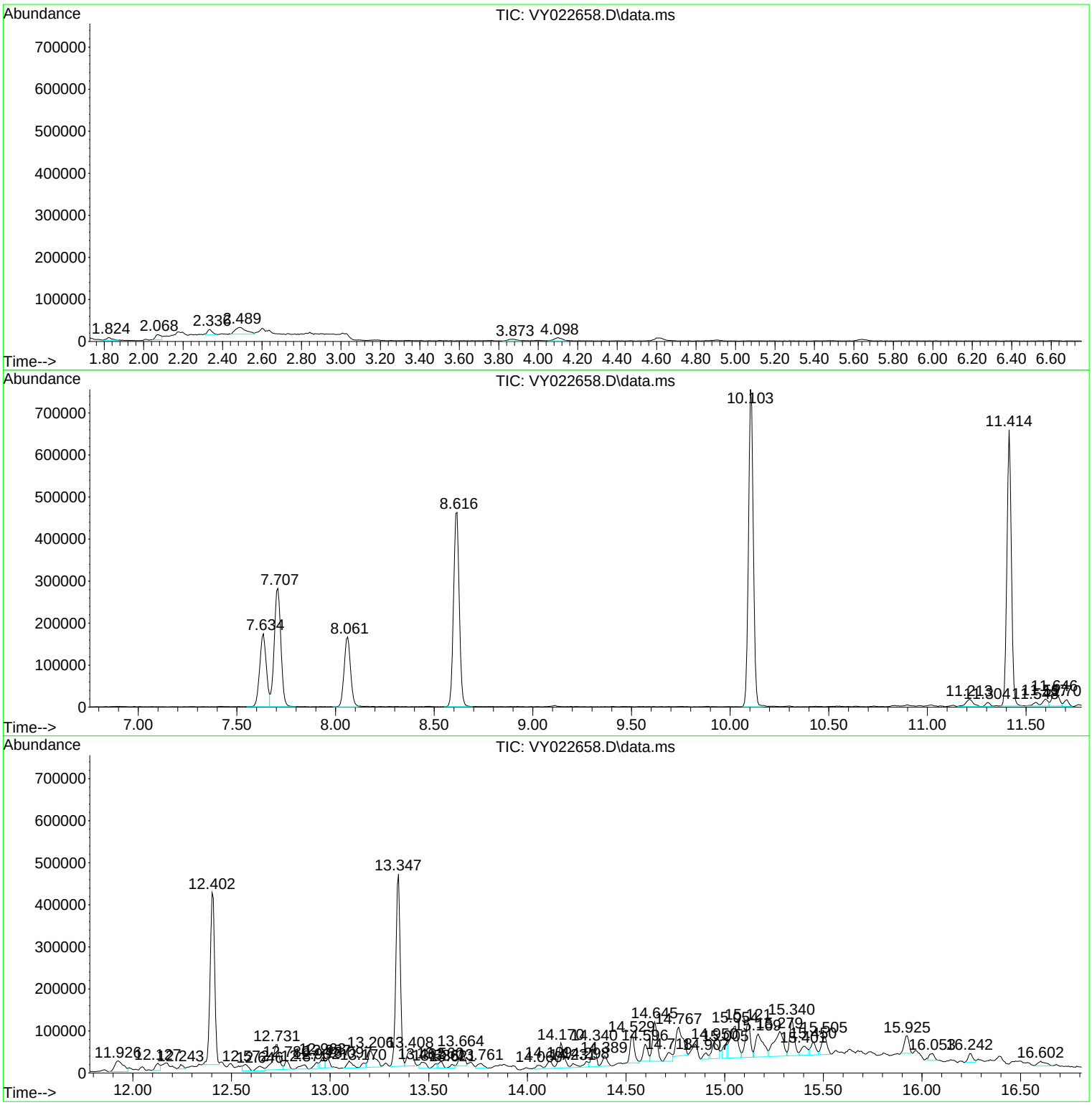
Sample Results: **VY022658.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022658.D
Acq On : 11 Jun 2025 12:48
Operator : SY/MD
Sample : Q2251-07
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022658.D
Acq On : 11 Jun 2025 12:48
Operator : SY/MD
Sample : Q2251-07
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022658.D
Acq On : 11 Jun 2025 12:48
Operator : SY/MD
Sample : Q2251-07
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-780-782

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	0.762	0.654	0.645	0.597	0.617	0.587	0.644	9.9
Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.5
Bromomethane		0.375	0.380	0.357	0.379	0.368	0.372	2.6
Chloroethane	0.460	0.444	0.442	0.408	0.418	0.402	0.429	5.4
Trichlorofluoromethane	0.882	0.903	0.904	0.834	0.858	0.825	0.868	3.9
1,1,2-Trichlorotrifluoroethane	0.554	0.567	0.563	0.519	0.546	0.520	0.545	3.8
1,1-Dichloroethene	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.4
Acetone	0.426	0.366	0.366	0.322	0.334	0.316	0.355	11.5
Carbon Disulfide	1.718	1.622	1.542	1.426	1.496	1.433	1.539	7.4
Methyl tert-butyl Ether	2.120	2.038	2.051	1.933	2.021	1.926	2.015	3.7
Methylene Chloride	0.822	0.688	0.643	0.605	0.629	0.601	0.665	12.5
trans-1,2-Dichloroethene	0.700	0.674	0.621	0.567	0.591	0.561	0.619	9.3
1,1-Dichloroethane	1.192	1.153	1.156	1.063	1.110	1.043	1.120	5.2
2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.2
Carbon Tetrachloride	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.9
cis-1,2-Dichloroethene	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.9
Chloroform	1.235	1.152	1.145	1.061	1.085	1.030	1.118	6.7
1,1,1-Trichloroethane	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.9
Methylcyclohexane	0.633	0.645	0.588	0.570	0.603	0.589	0.605	4.8
Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.2
1,2-Dichloroethane	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.6
Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.328	0.342	4.2
1,2-Dichloropropane	0.366	0.369	0.354	0.332	0.352	0.335	0.351	4.4
Bromodichloromethane	0.510	0.484	0.480	0.457	0.483	0.465	0.480	3.8
4-Methyl-2-Pentanone	0.505	0.549	0.576	0.538	0.562	0.528	0.543	4.6
Toluene	0.918	0.914	0.885	0.835	0.883	0.859	0.882	3.6
t-1,3-Dichloropropene	0.571	0.526	0.524	0.522	0.548	0.530	0.537	3.6
cis-1,3-Dichloropropene	0.609	0.577	0.564	0.551	0.584	0.561	0.574	3.6
1,1,2-Trichloroethane	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.7
2-Hexanone	0.312	0.282	0.363	0.368	0.397	0.376	0.350	12.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dibromochloromethane	0.361	0.351	0.358	0.340	0.363	0.349	0.354	2.5
Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.5
Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7
Ethyl Benzene	1.989	1.975	1.907	1.796	1.913	1.816	1.900	4.2
m/p-Xylenes	0.730	0.751	0.741	0.701	0.736	0.703	0.727	2.8
o-Xylene	0.714	0.699	0.702	0.674	0.711	0.678	0.696	2.4
Styrene	1.177	1.193	1.226	1.162	1.229	1.164	1.192	2.5
Bromoform	0.217	0.266	0.276	0.265	0.286	0.267	0.263	9.1
Isopropylbenzene	3.864	3.749	3.649	3.426	3.621	3.546	3.643	4.2
1,1,2,2-Tetrachloroethane	1.292	1.299	1.273	1.178	1.205	1.157	1.234	5
1,3-Dichlorobenzene	1.763	1.709	1.657	1.554	1.612	1.566	1.644	5
1,4-Dichlorobenzene	1.820	1.786	1.657	1.572	1.642	1.576	1.676	6.3
1,2-Dichlorobenzene	1.675	1.651	1.596	1.500	1.557	1.496	1.579	4.8
1,2-Dichloroethane-d4		0.732	0.707	0.500	0.656	0.751	0.669	15.1
Dibromofluoromethane		0.303	0.310	0.219	0.298	0.351	0.296	16.2
Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.2
4-Bromofluorobenzene		0.441	0.446	0.325	0.446	0.521	0.436	16.2

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N060625W.M
Title : SW846 8260
Last Update : Sat Jun 07 02:12:50 2025
Response Via : Initial Calibration

Calibration Files
1 =VN086862.D 5 =VN086863.D 20 =VN086864.D 50 =VN086865.D 100 =VN086866.D 150 =VN086867.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.467	0.444	0.539	0.501	0.535	0.506	0.499	7.51
3)	P	Chloromethane	0.762	0.654	0.645	0.597	0.617	0.587	0.644	9.85
4)	C	Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.49#
5)	T	Bromomethane		0.375	0.380	0.357	0.379	0.368	0.372	2.57
6)	T	Chloroethane	0.460	0.444	0.442	0.408	0.418	0.402	0.429	5.37
7)	T	Trichlorofluor...	0.882	0.903	0.904	0.834	0.858	0.825	0.868	3.93
8)	T	Diethyl Ether	0.372	0.397	0.383	0.363	0.384	0.369	0.378	3.28
9)	T	1,1,2-Trichlor...	0.554	0.567	0.563	0.519	0.546	0.520	0.545	3.83
10)	T	Methyl Iodide		0.720	0.729	0.683	0.722	0.679	0.707	3.35
11)	T	Tert butyl alc...		0.192	0.194	0.176	0.180	0.166	0.182	6.37
12)	CM	1,1-Dichloroet...	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.44#
13)	T	Acrolein		0.073	0.051	0.045	0.052	0.066	0.057	20.26
14)	T	Allyl chloride	0.985	0.911	0.925	0.865	0.905	0.947	0.923	4.40
15)	T	Acrylonitrile	0.434	0.434	0.445	0.407	0.423	0.404	0.425	3.82
16)	T	Acetone	0.426	0.366	0.366	0.322	0.334	0.316	0.355	11.53
17)	T	Carbon Disulfide	1.718	1.621	1.542	1.426	1.496	1.433	1.539	7.38
18)	T	Methyl Acetate	1.035	1.049	1.078	0.986	1.049	1.011	1.035	3.10
19)	T	Methyl tert-bu...	2.120	2.038	2.051	1.933	2.021	1.926	2.015	3.69
20)	T	Methylene Chlo...	0.822	0.688	0.643	0.605	0.629	0.601	0.665	12.52
21)	T	trans-1,2-Dich...	0.700	0.674	0.621	0.567	0.591	0.561	0.619	9.25
22)	T	Diisopropyl ether	2.018	2.020	2.036	1.856	1.915	1.828	1.945	4.70
23)	T	Vinyl Acetate	1.743	1.692	1.715	1.591	1.604	1.517	1.644	5.29
24)	P	1,1-Dichloroet...	1.192	1.152	1.156	1.063	1.110	1.043	1.120	5.17
25)	T	2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.18
26)	T	2,2-Dichloropr...	0.967	0.796	0.778	0.905	0.912	0.868	0.871	8.32
27)	T	cis-1,2-Dichlo...	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.93
28)	T	Bromochloromet...	0.579	0.564	0.616	0.466	0.517	0.560	0.550	9.48
29)	T	Tetrahydrofuran	0.390	0.390	0.399	0.358	0.372	0.346	0.376	5.46
30)	C	Chloroform	1.235	1.151	1.145	1.061	1.085	1.030	1.118	6.66#
31)	T	Cyclohexane		1.303	1.116	1.004	1.030	0.976	1.086	12.21
32)	T	1,1,1-Trichlor...	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.88
33)	S	1,2-Dichloroet...		0.732	0.707	0.500	0.656	0.751	0.669	15.08
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.303	0.310	0.219	0.298	0.351	0.296	16.15
36)	T	1,1-Dichloropr...	0.467	0.458	0.438	0.418	0.442	0.426	0.442	4.23
37)	T	Ethyl Acetate	0.544	0.615	0.577	0.536	0.565	0.535	0.562	5.48
38)	T	Carbon Tetrach...	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.88
39)	T	Methylcyclohexane	0.633	0.645	0.588	0.570	0.603	0.589	0.605	4.75
40)	TM	Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.20
41)	T	Methacrylonitrile	0.356	0.319	0.318	0.303	0.299	0.299	0.316	6.84
42)	TM	1,2-Dichloroet...	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.60
43)	T	Isopropyl Acetate	0.975	0.950	0.906	0.852	0.884	0.845	0.902	5.79
44)	TM	Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.327	0.342	4.17
45)	C	1,2-Dichloropr...	0.366	0.369	0.354	0.332	0.352	0.335	0.351	4.40#
46)	T	Dibromomethane	0.233	0.242	0.241	0.221	0.237	0.226	0.233	3.54
47)	T	Bromodichlorom...	0.510	0.484	0.480	0.457	0.483	0.465	0.480	3.80
48)	T	Methyl methacr...	0.444	0.415	0.421	0.394	0.421	0.397	0.415	4.40
49)	T	1,4-Dioxane	0.006	0.007	0.008	0.008	0.008	0.007	0.008	9.40
50)	S	Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.23
51)	T	4-Methyl-2-Pen...	0.505	0.549	0.576	0.538	0.562	0.528	0.543	4.64
52)	CM	Toluene	0.918	0.914	0.885	0.835	0.883	0.859	0.882	3.61#
53)	T	t-1,3-Dichloro...	0.571	0.526	0.524	0.522	0.548	0.530	0.537	3.59
54)	T	cis-1,3-Dichlo...	0.609	0.577	0.564	0.551	0.584	0.561	0.574	3.61
55)	T	1,1,2-Trichlor...	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.66
56)	T	Ethyl methacry...	0.433	0.516	0.567	0.556	0.595	0.578	0.541	10.92

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N060625W.M

57)	T	1,3-Dichloropr...	0.643	0.600	0.587	0.561	0.583	0.559	0.589	5.27
58)	T	2-Chloroethyl ...	0.278	0.305	0.334	0.274	0.340	0.405	0.323	15.07
59)	T	2-Hexanone	0.312	0.282	0.363	0.368	0.397	0.376	0.350	12.36
60)	T	Dibromochlorom...	0.361	0.351	0.358	0.340	0.363	0.349	0.354	2.49
61)	T	1,2-Dibromoethane	0.353	0.358	0.354	0.329	0.354	0.341	0.348	3.18
62)	S	4-Bromofluorob...		0.441	0.446	0.325	0.446	0.521	0.436	16.16
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.51
65)	PM	Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7.01
66)	T	1,1,1,2-Tetrac...	0.362	0.374	0.358	0.338	0.356	0.338	0.354	3.99
67)	C	Ethyl Benzene	1.989	1.975	1.907	1.796	1.913	1.816	1.899	4.19#
68)	T	m/p-Xylenes	0.730	0.751	0.741	0.701	0.736	0.703	0.727	2.82
69)	T	o-Xylene	0.714	0.699	0.702	0.674	0.711	0.678	0.696	2.42
70)	T	Styrene	1.177	1.193	1.226	1.162	1.229	1.164	1.192	2.51
71)	P	Bromoform	0.217	0.266	0.276	0.265	0.286	0.267	0.263	9.09
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.864	3.749	3.649	3.426	3.621	3.546	3.643	4.21
74)	T	N-amyl acetate	1.376	1.110	1.187	1.266	1.372	1.327	1.273	8.42
75)	P	1,1,2,2-Tetrac...	1.292	1.299	1.273	1.178	1.205	1.157	1.234	4.99
76)	T	1,2,3-Trichlor...	1.297	1.189	1.129	1.173	1.201	1.142	1.189	5.03
77)	T	Bromobenzene	0.870	0.855	0.840	0.790	0.838	0.819	0.835	3.36
78)	T	n-propylbenzene	4.530	4.627	4.449	4.211	4.424	4.317	4.427	3.35
79)	T	2-Chlorotoluene	2.852	2.723	2.674	2.507	2.618	2.554	2.655	4.69
80)	T	1,3,5-Trimethy...	3.004	3.091	3.035	2.898	3.064	2.953	3.007	2.39
81)	T	trans-1,4-Dich...		0.510	0.522	0.476	0.546	0.528	0.516	5.06
82)	T	4-Chlorotoluene	2.899	2.757	2.671	2.531	2.664	2.595	2.686	4.81
83)	T	tert-Butylbenzene	2.942	2.810	2.736	2.617	2.745	2.668	2.753	4.14
84)	T	1,2,4-Trimethy...	2.952	3.122	3.063	2.914	3.075	2.968	3.016	2.73
85)	T	sec-Butylbenzene	4.114	4.126	4.037	3.829	4.018	3.861	3.998	3.15
86)	T	p-Isopropyltol...	3.305	3.425	3.321	3.184	3.366	3.227	3.305	2.68
87)	T	1,3-Dichlorobe...	1.763	1.709	1.657	1.554	1.612	1.566	1.644	5.01
88)	T	1,4-Dichlorobe...	1.820	1.786	1.657	1.572	1.642	1.576	1.676	6.27
89)	T	n-Butylbenzene	3.473	3.292	3.140	3.059	3.188	3.054	3.201	4.99
90)	T	Hexachloroethane	0.580	0.537	0.569	0.537	0.577	0.562	0.560	3.43
91)	T	1,2-Dichlorobe...	1.675	1.651	1.596	1.500	1.557	1.496	1.579	4.77
92)	T	1,2-Dibromo-3-...	0.339	0.317	0.290	0.272	0.283	0.270	0.295	9.29
93)	T	1,2,4-Trichlor...	1.042	1.037	0.991	0.969	1.016	0.994	1.008	2.82
94)	T	Hexachlorobuta...	0.364	0.391	0.385	0.363	0.382	0.369	0.376	3.11
95)	T	Naphthalene	3.820	3.727	3.761	3.600	3.839	3.772	3.753	2.27
96)	T	1,2,3-Trichlor...	1.073	1.009	0.993	0.950	1.000	0.987	1.002	4.05

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.235	168	212682	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.106	114	393457	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	348010	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167399	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.153	85	1985	0.936	ug/l		72
3) Chloromethane	2.400	50	3241	1.184	ug/l		98
4) Vinyl Chloride	2.559	62	2848	1.008	ug/l	#	88
6) Chloroethane	3.159	64	1957	1.073	ug/l	#	79
7) Trichlorofluoromethane	3.530	101	3752	1.017	ug/l		97
8) Diethyl Ether	3.994	74	1583	0.984	ug/l		76
9) 1,1,2-Trichlorotrifluo...	4.377	101	2358m	1.017	ug/l		
12) 1,1-Dichloroethene	4.365	96	2436	1.029	ug/l		85
14) Allyl chloride	5.041	41	4189	1.067	ug/l	#	75
15) Acrylonitrile	5.735	53	9222	5.106	ug/l		96
16) Acetone	4.459	43	9069	6.006	ug/l		95
17) Carbon Disulfide	4.730	76	7306	1.116	ug/l		97
18) Methyl Acetate	5.053	43	4402	1.000	ug/l	#	66
19) Methyl tert-butyl Ether	5.824	73	9019	1.052	ug/l		92
20) Methylene Chloride	5.294	84	3496	1.237	ug/l		93
21) trans-1,2-Dichloroethene	5.800	96	2979	1.131	ug/l		87
22) Diisopropyl ether	6.682	45	8584	1.037	ug/l	#	96
23) Vinyl Acetate	6.618	43	37075	5.303	ug/l		95
24) 1,1-Dichloroethane	6.588	63	5071	1.065	ug/l	#	81
25) 2-Butanone	7.500	43	12841	5.231	ug/l		93
26) 2,2-Dichloropropane	7.500	77	4112	1.110	ug/l		94
27) cis-1,2-Dichloroethene	7.494	96	3345	1.062	ug/l		95
28) Bromochloromethane	7.824	49	2464	1.052	ug/l	#	88
29) Tetrahydrofuran	7.853	42	8301	5.191	ug/l		100
30) Chloroform	7.971	83	5255	1.105	ug/l		97
32) 1,1,1-Trichloroethane	8.171	97	4378	1.082	ug/l	#	50
36) 1,1-Dichloropropene	8.376	75	3678	1.059	ug/l		96
37) Ethyl Acetate	7.577	43	4282	0.968	ug/l	#	78
38) Carbon Tetrachloride	8.376	117	3563	1.045	ug/l	#	93
39) Methylcyclohexane	9.606	83	4981	1.046	ug/l	#	90
40) Benzene	8.612	78	12498	1.100	ug/l		100
41) Methacrylonitrile	7.782	41	2799	1.127	ug/l		89
42) 1,2-Dichloroethane	8.682	62	3725	1.081	ug/l		82
43) Isopropyl Acetate	8.694	43	7673	1.081	ug/l	#	96
44) Trichloroethene	9.365	130	2822	1.047	ug/l		71
45) 1,2-Dichloropropane	9.629	63	2883	1.043	ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	9.712	93	1835	0.999	ug/l		94
47) Bromodichloromethane	9.888	83	4017	1.063	ug/l	#	96
48) Methyl methacrylate	9.688	41	3492	1.069	ug/l		88
49) 1,4-Dioxane	9.706	88	1004	16.891	ug/l	#	74
51) 4-Methyl-2-Pentanone	10.453	43	19886	4.653	ug/l		99
52) Toluene	10.635	92	7227	1.041	ug/l		95
53) t-1,3-Dichloropropene	10.841	75	4494	1.064	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	4792	1.060	ug/l		97
55) 1,1,2-Trichloroethane	11.023	97	2828	1.058	ug/l		89
56) Ethyl methacrylate	10.882	69	3406	0.800	ug/l	#	85
57) 1,3-Dichloropropane	11.170	76	5062	1.092	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	10924	4.304	ug/l		97
59) 2-Hexanone	11.235	43	12295m	4.466	ug/l		
60) Dibromochloromethane	11.359	129	2843	1.021	ug/l		96
61) 1,2-Dibromoethane	11.470	107	2777	1.014	ug/l		96
64) Tetrachloroethene	11.106	164	2473	1.123	ug/l		94
65) Chlorobenzene	11.894	112	8581	1.118	ug/l	#	87
66) 1,1,1,2-Tetrachloroethane	11.959	131	2523	1.023	ug/l	#	63
67) Ethyl Benzene	11.970	91	13845	1.047	ug/l		94
68) m/p-Xylenes	12.070	106	10163	2.008	ug/l		95
69) o-Xylene	12.400	106	4970	1.025	ug/l		93
70) Styrene	12.417	104	8189	0.987	ug/l		98
71) Bromoform	12.582	173	1508	0.825	ug/l	#	78
73) Isopropylbenzene	12.694	105	12938	1.061	ug/l		98
74) N-amyl acetate	12.647	43	4608m	1.138	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	4326	1.047	ug/l	#	93
76) 1,2,3-Trichloropropane	13.000	75	4343m	1.088	ug/l		
77) Bromobenzene	12.982	156	2913	1.042	ug/l		96
78) n-propylbenzene	13.035	91	15168	1.023	ug/l		98
79) 2-Chlorotoluene	13.123	91	9550	1.074	ug/l		97
80) 1,3,5-Trimethylbenzene	13.170	105	10058	0.999	ug/l		96
82) 4-Chlorotoluene	13.223	91	9706	1.079	ug/l		96
83) tert-Butylbenzene	13.435	119	9849	1.069	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	9882	0.979	ug/l		99
85) sec-Butylbenzene	13.617	105	13775	1.029	ug/l		100
86) p-Isopropyltoluene	13.729	119	11065	1.000	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	5903	1.073	ug/l		94
88) 1,4-Dichlorobenzene	13.811	146	6094m	1.086	ug/l		
89) n-Butylbenzene	14.058	91	11627	1.085	ug/l		94
90) Hexachloroethane	14.329	117	1942	1.036	ug/l		93
91) 1,2-Dichlorobenzene	14.106	146	5607	1.061	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1136	1.150	ug/l		78
93) 1,2,4-Trichlorobenzene	15.388	180	3489	1.034	ug/l		98
94) Hexachlorobutadiene	15.500	225	1219	0.969	ug/l		88
95) Naphthalene	15.635	128	12789	1.018	ug/l		98
96) 1,2,3-Trichlorobenzene	15.835	180	3594	1.072	ug/l		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

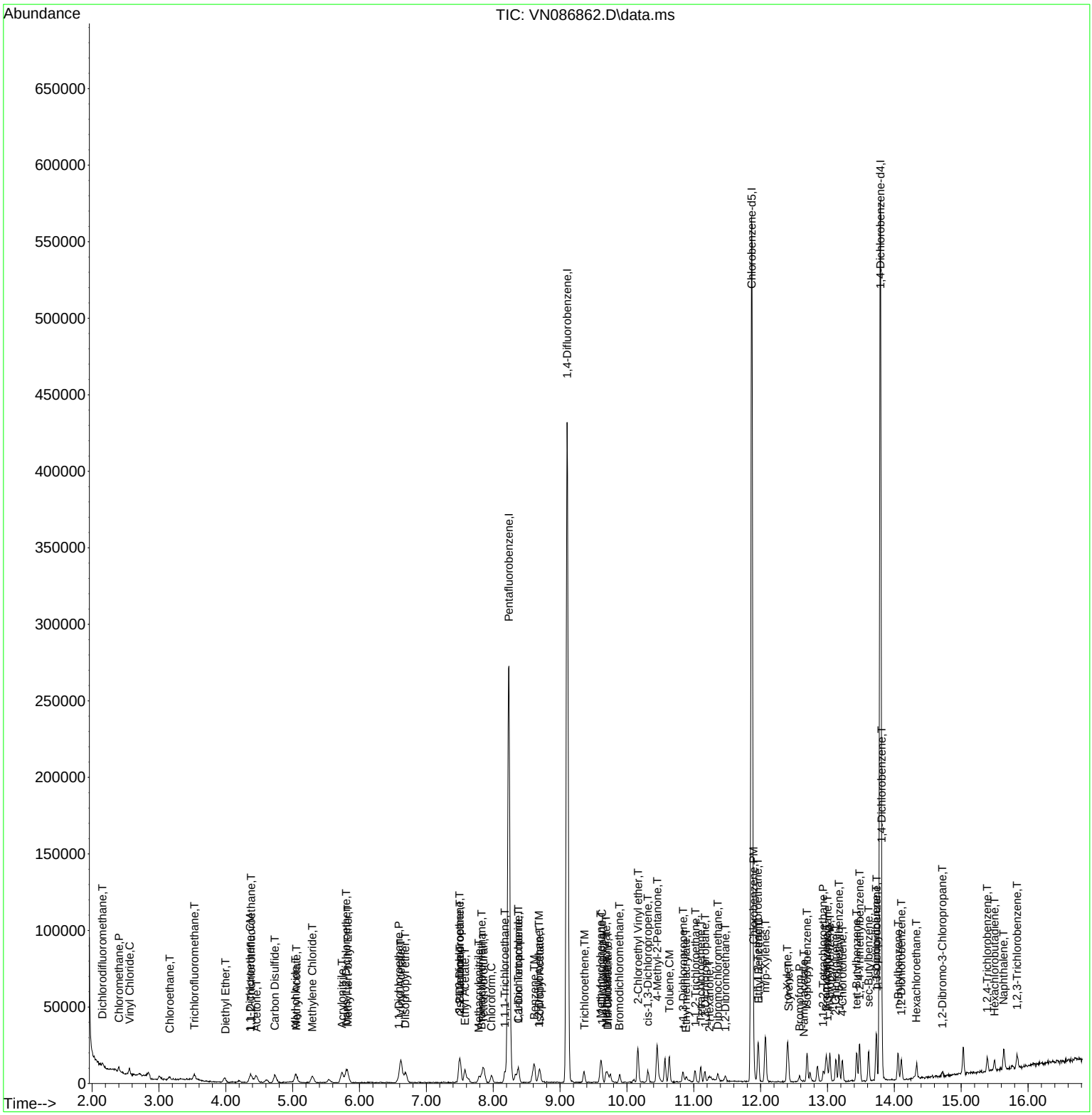
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

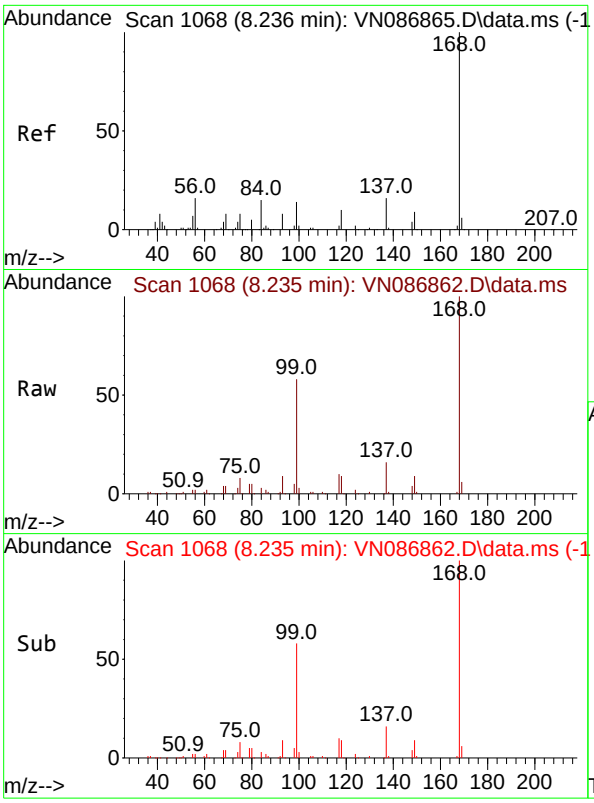
Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

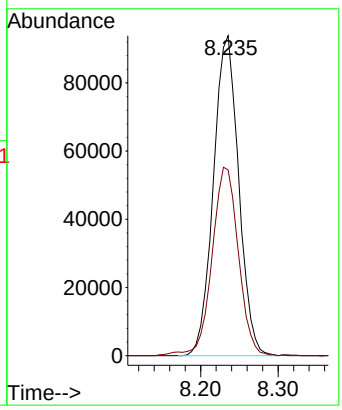




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:168 Resp: 21268

Ion	Ratio	Lower	Upper
168	100		
99	58.1	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

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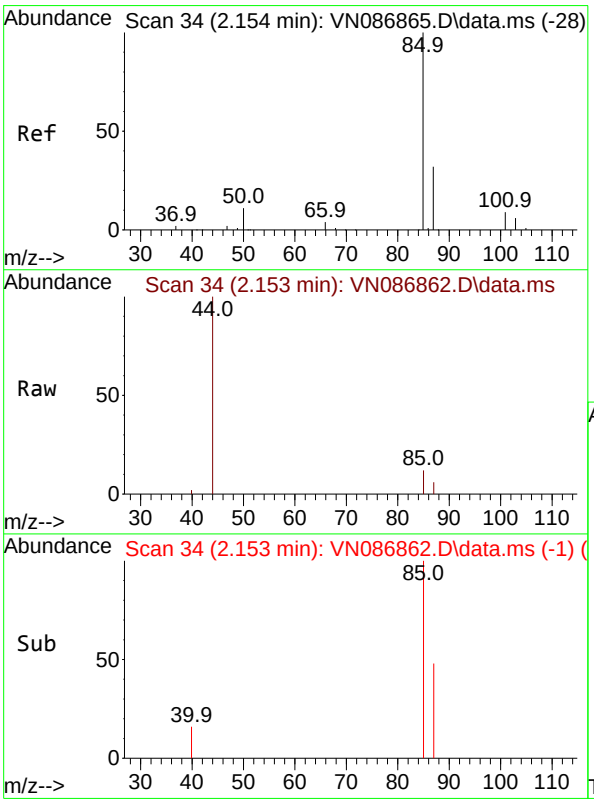
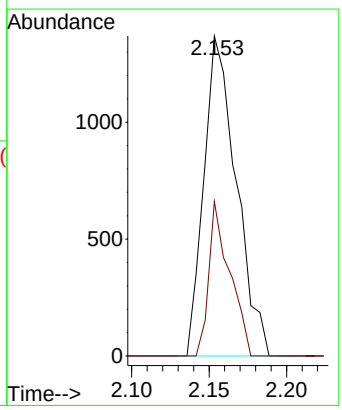
Supervised By :Mahesh Dadoda 06/09/2025

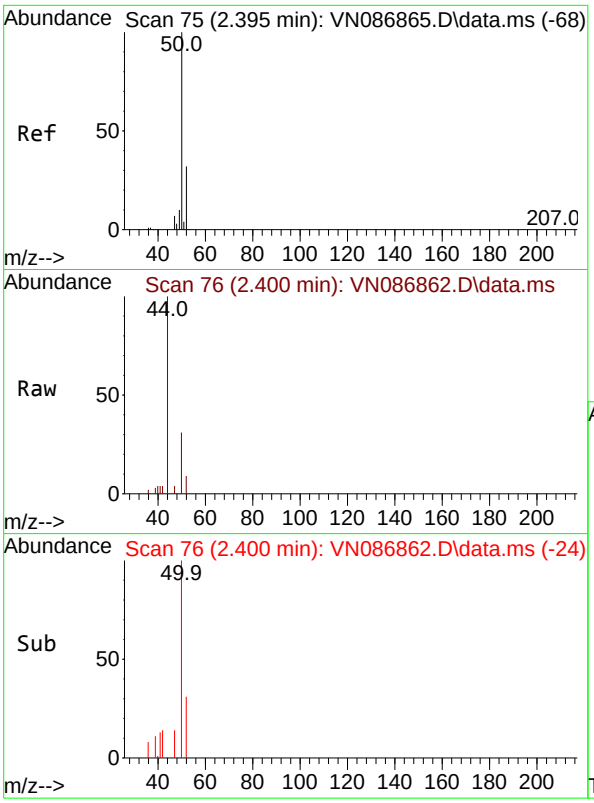


#2
Dichlorodifluoromethane
Concen: 0.936 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 85 Resp: 1985

Ion	Ratio	Lower	Upper
85	100		
87	48.3	16.2	48.6

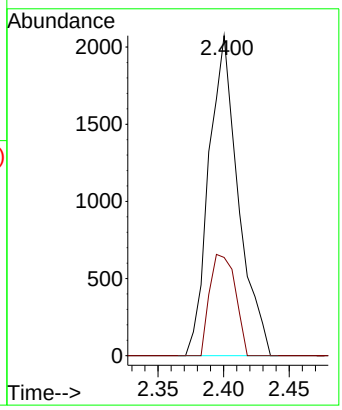




#3
Chloromethane
Concen: 1.184 ug/l
RT: 2.400 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 50 Resp: 324

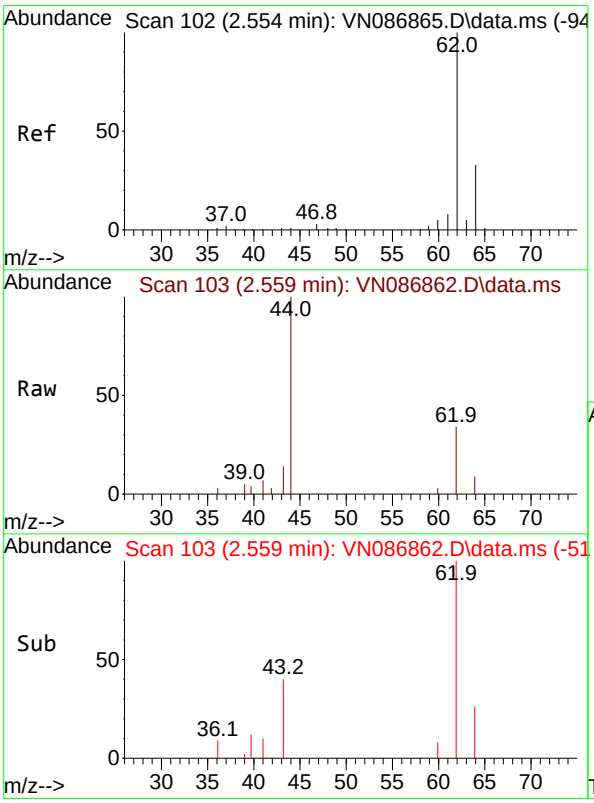
Ion	Ratio	Lower	Upper
50	100		
52	30.7	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

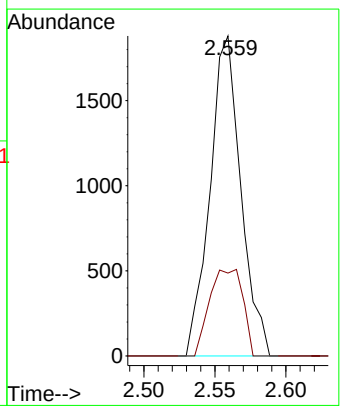
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

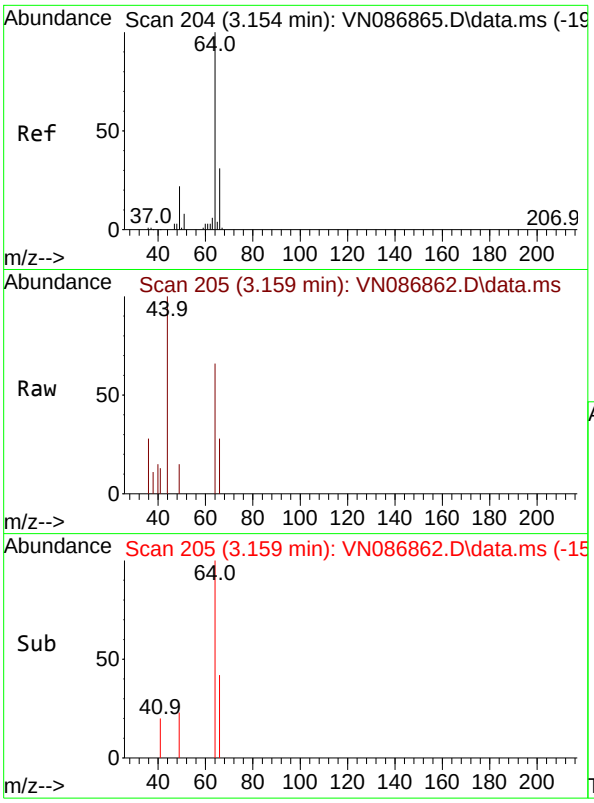


#4
Vinyl Chloride
Concen: 1.008 ug/l
RT: 2.559 min Scan# 103
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 62 Resp: 2848

Ion	Ratio	Lower	Upper
62	100		
64	25.9	26.0	39.0#

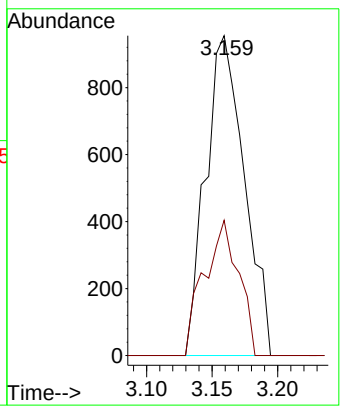




#6
Chloroethane
Concen: 1.073 ug/l
RT: 3.159 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 64 Resp: 195

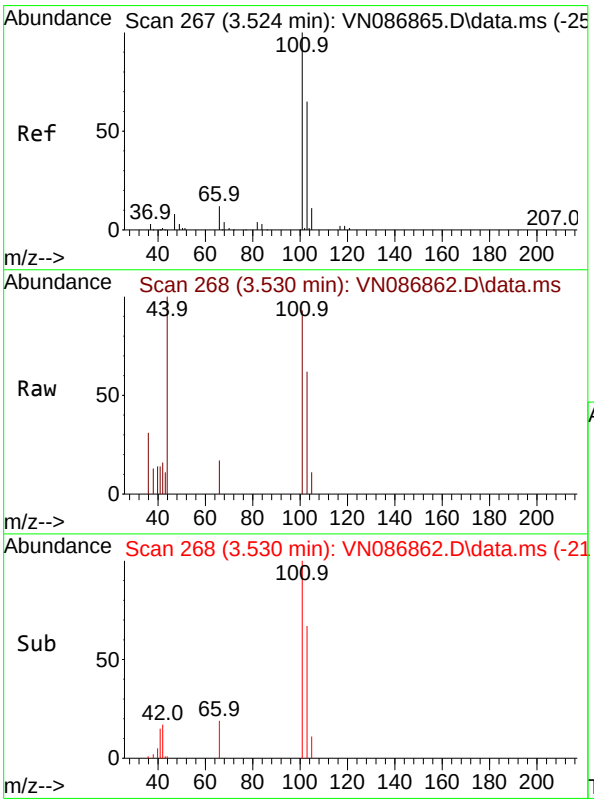
Ion	Ratio	Lower	Upper
64	100		
66	42.3	24.6	36.8#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

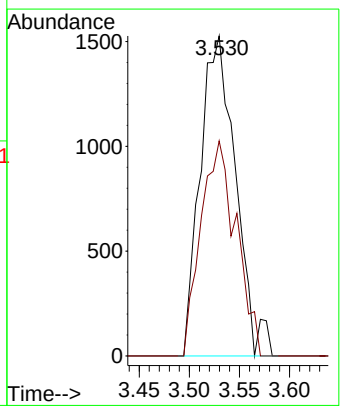
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

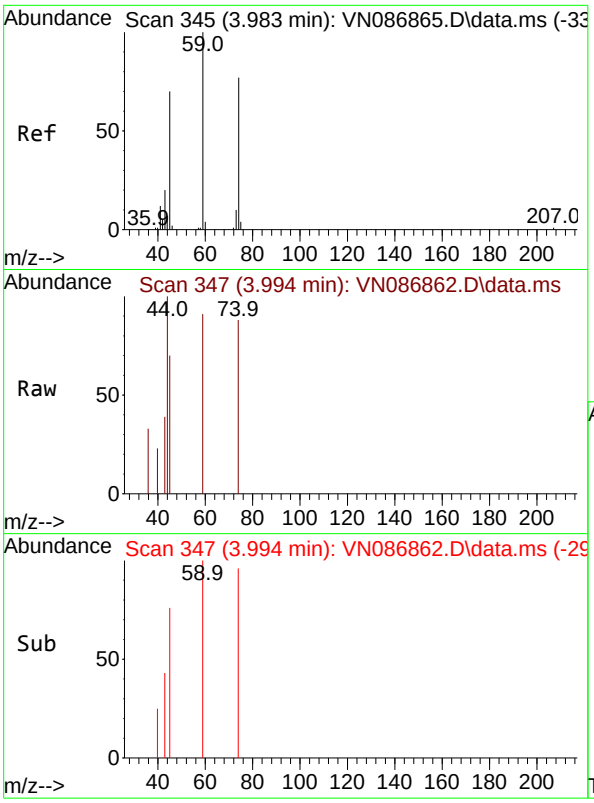


#7
Trichlorofluoromethane
Concen: 1.017 ug/l
RT: 3.530 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:101 Resp: 3752

Ion	Ratio	Lower	Upper
101	100		
103	67.2	52.2	78.2

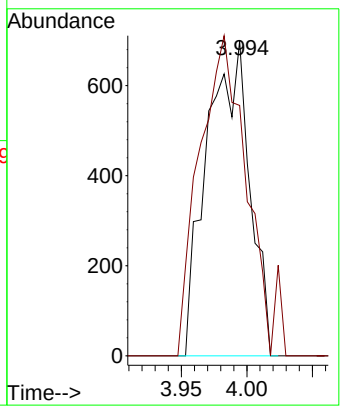




#8
Diethyl Ether
Concen: 0.984 ug/l
RT: 3.994 min Scan# 34
Delta R.T. 0.011 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 74 Resp: 158

Ion	Ratio	Lower	Upper
74	100		
45	113.8	45.5	136.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

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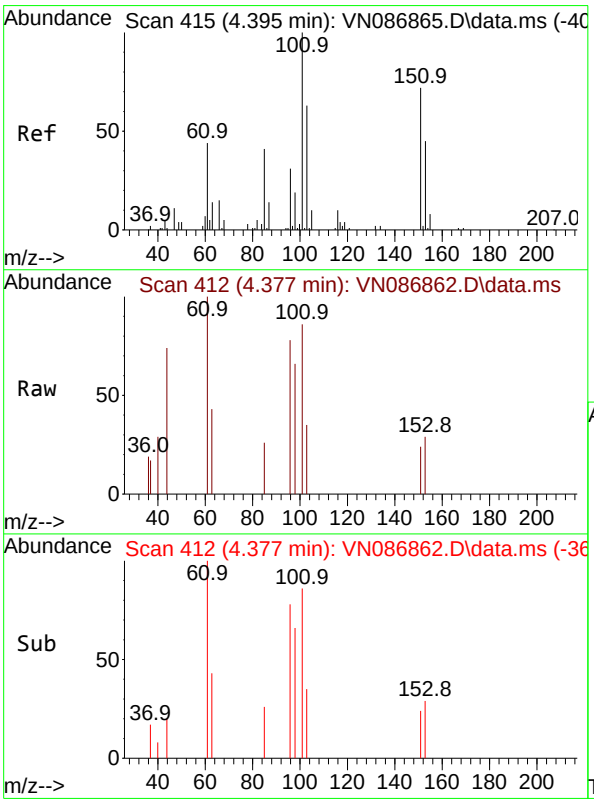
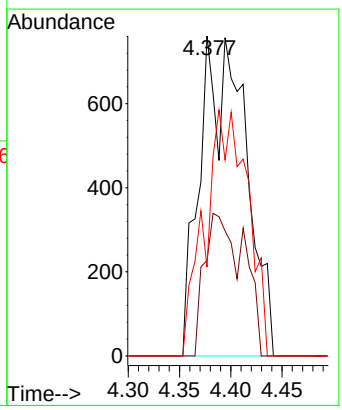
Supervised By :Mahesh Dadoda 06/09/2025

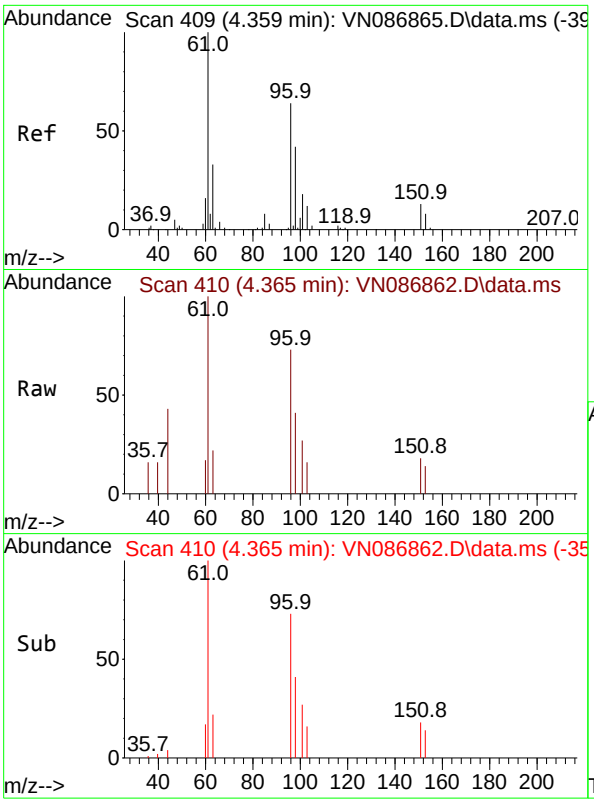


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.017 ug/l m
RT: 4.377 min Scan# 412
Delta R.T. -0.018 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:101 Resp: 2358

Ion	Ratio	Lower	Upper
101	100		
85	27.8	33.8	50.8#
151	72.1	58.7	88.1

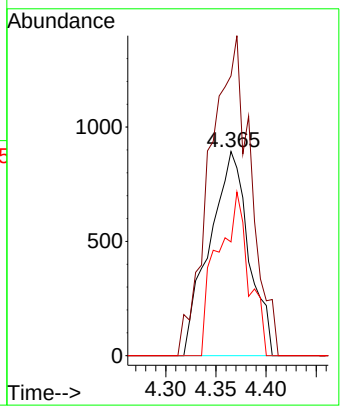




#12
1,1-Dichloroethene
Concen: 1.029 ug/l
RT: 4.365 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 96 Resp: 243

Ion	Ratio	Lower	Upper
96	100		
61	137.1	125.8	188.6
98	55.8	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
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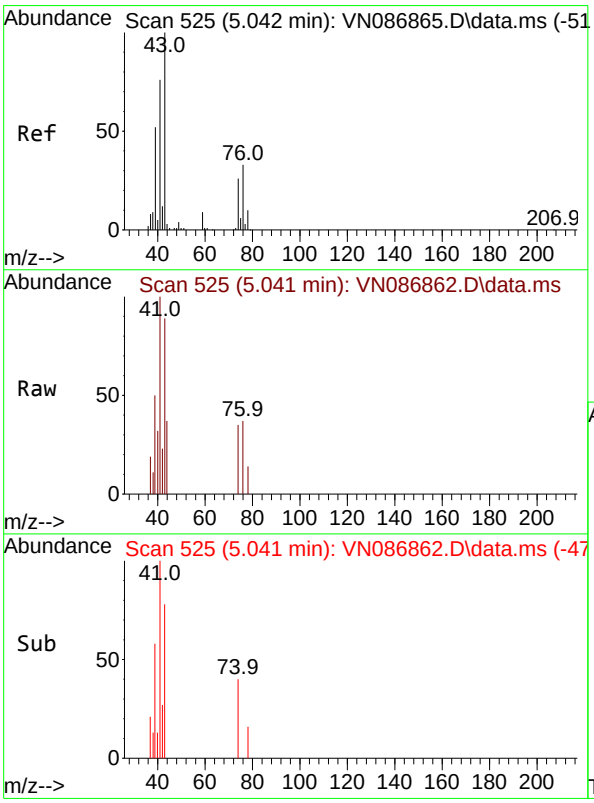
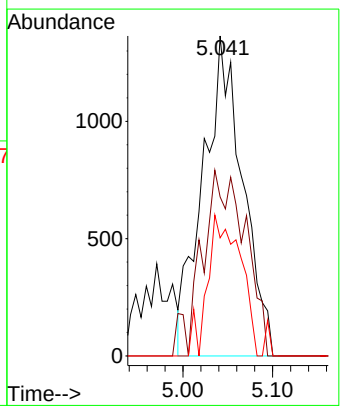
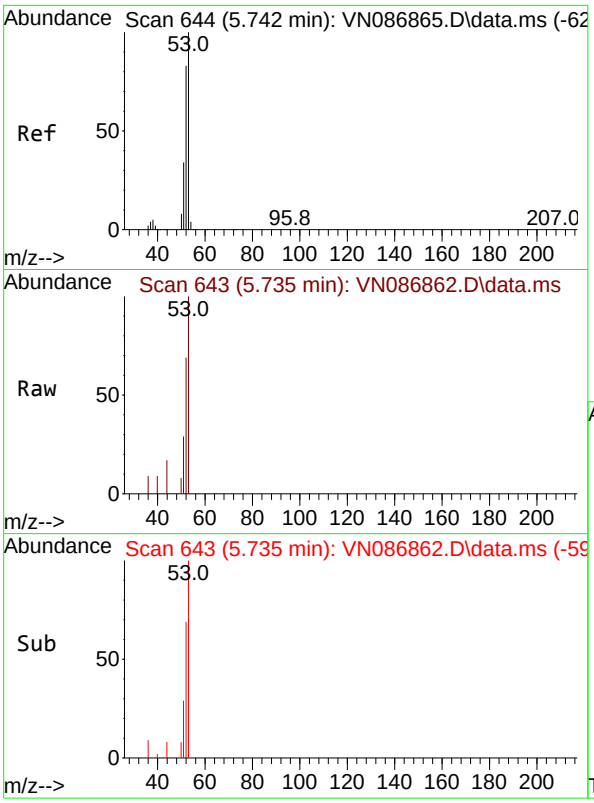


#14
Allyl chloride
Concen: 1.067 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 41 Resp: 4189

Ion	Ratio	Lower	Upper
41	100		
39	35.3	51.3	76.9#
76	36.4	31.4	47.0

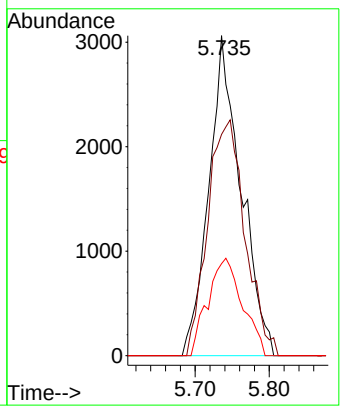




#15
Acrylonitrile
Concen: 5.106 ug/l
RT: 5.735 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 53 Resp: 922

Ion	Ratio	Lower	Upper
53	100		
52	85.4	65.0	97.6
51	32.7	27.2	40.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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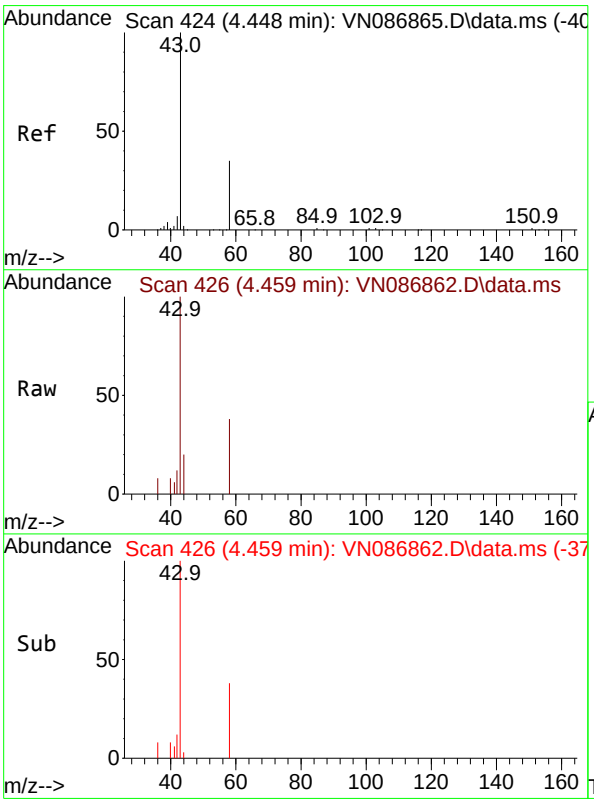
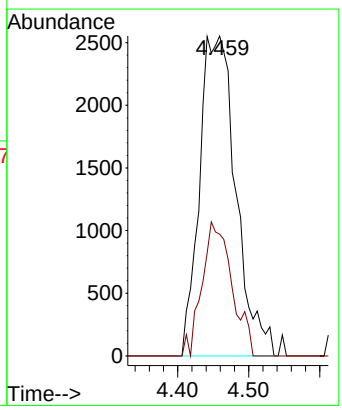
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

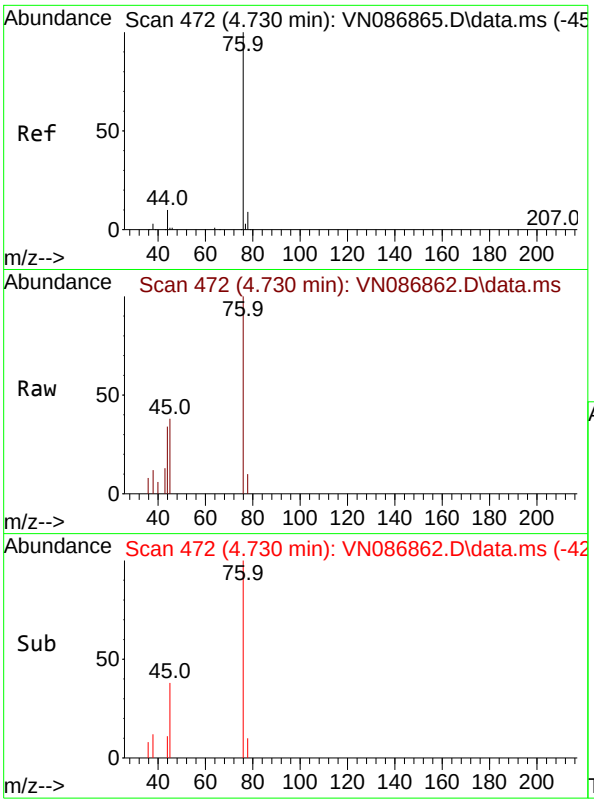


#16
Acetone
Concen: 6.006 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.011 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 43 Resp: 9069

Ion	Ratio	Lower	Upper
43	100		
58	38.0	28.0	42.0

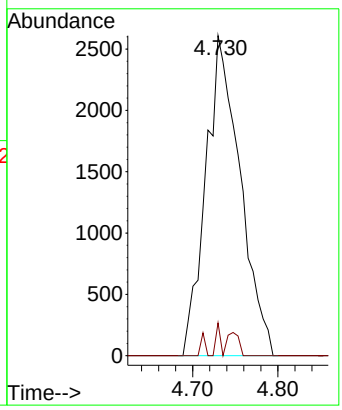




#17
Carbon Disulfide
Concen: 1.116 ug/l
RT: 4.730 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 76 Resp: 730

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.3	10.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 06/09/2025
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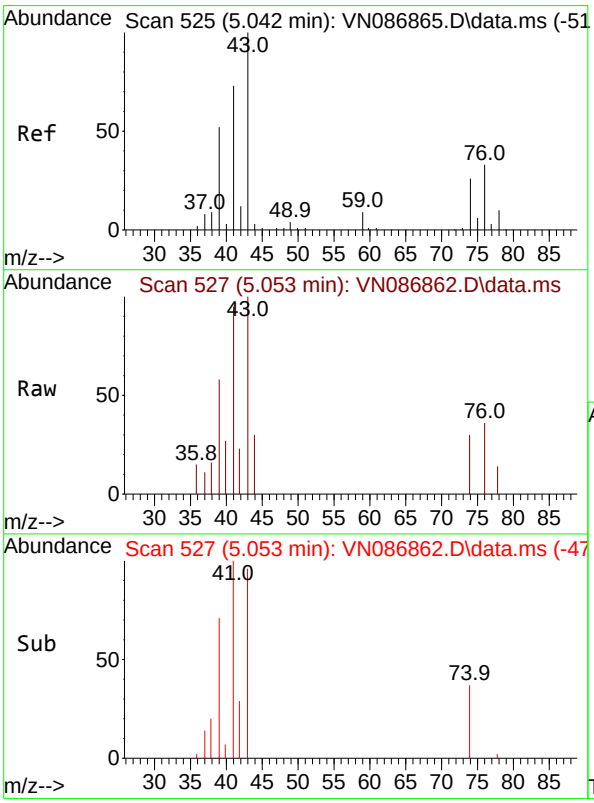
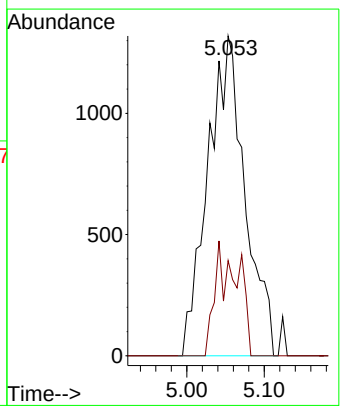
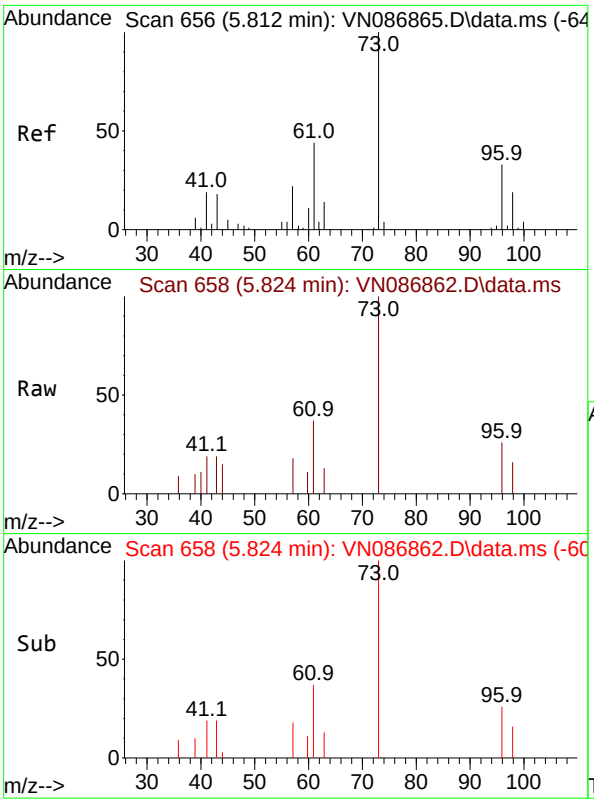


#18
Methyl Acetate
Concen: 1.000 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.011 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 43 Resp: 4402

Ion	Ratio	Lower	Upper
43	100		
74	8.7	20.7	31.1#

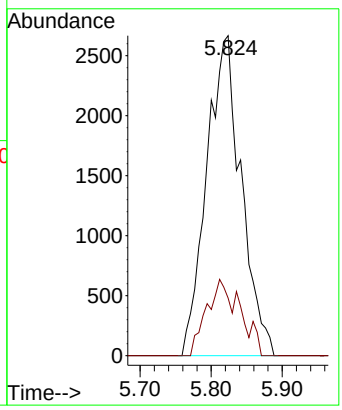




#19
Methyl tert-butyl Ether
Concen: 1.052 ug/l
RT: 5.824 min Scan# 6
Delta R.T. 0.011 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 73 Resp: 901

Ion	Ratio	Lower	Upper
73	100		
57	18.0	17.4	26.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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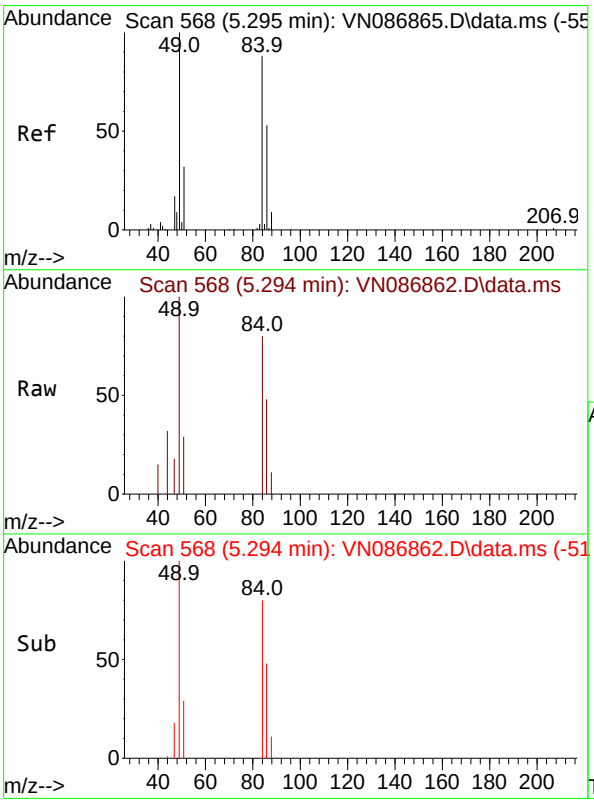
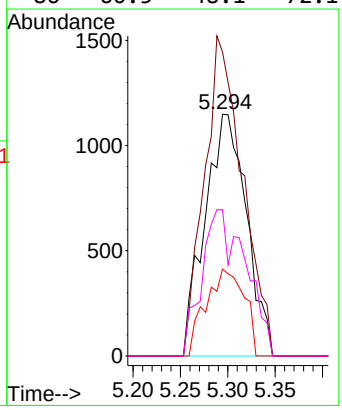
Supervised By :Mahesh Dadoda 06/09/2025

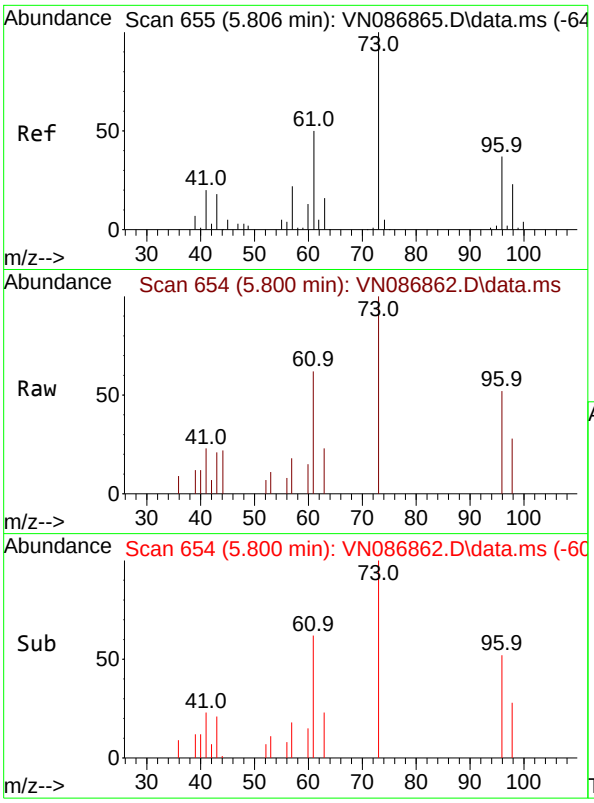


#20
Methylene Chloride
Concen: 1.237 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 84 Resp: 3496

Ion	Ratio	Lower	Upper
84	100		
49	125.7	90.5	135.7
51	35.9	28.5	42.7
86	60.5	48.1	72.1

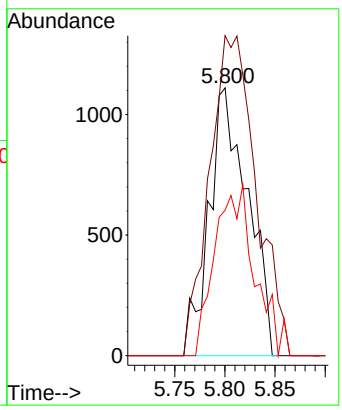




#21
trans-1,2-Dichloroethene
Concen: 1.131 ug/l
RT: 5.800 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 96 Resp: 297

Ion	Ratio	Lower	Upper
96	100		
61	119.4	109.2	163.8
98	54.3	49.8	74.8



Instrument :
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ClientSampleId :
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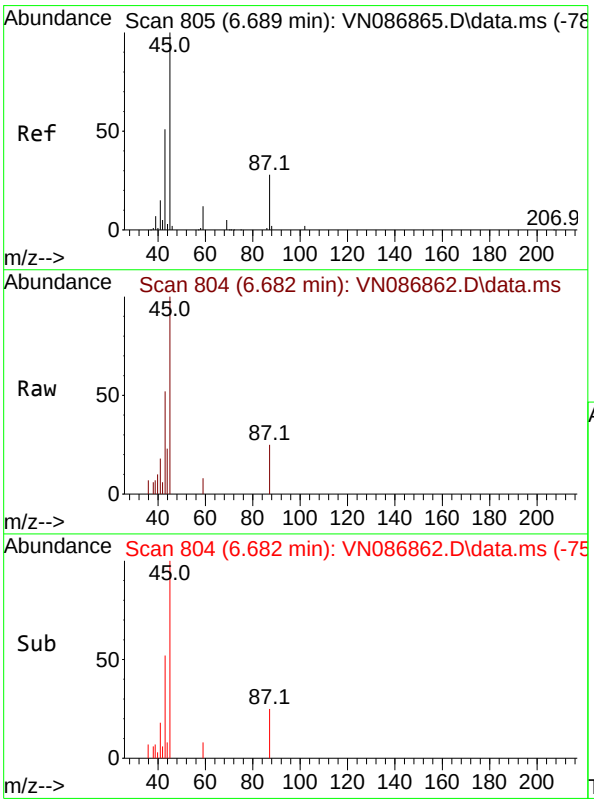
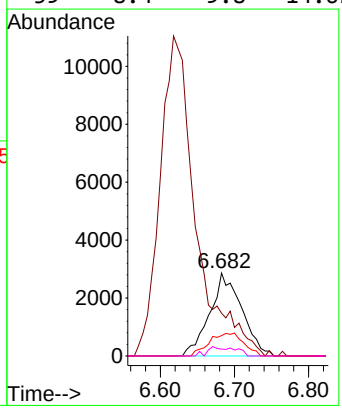
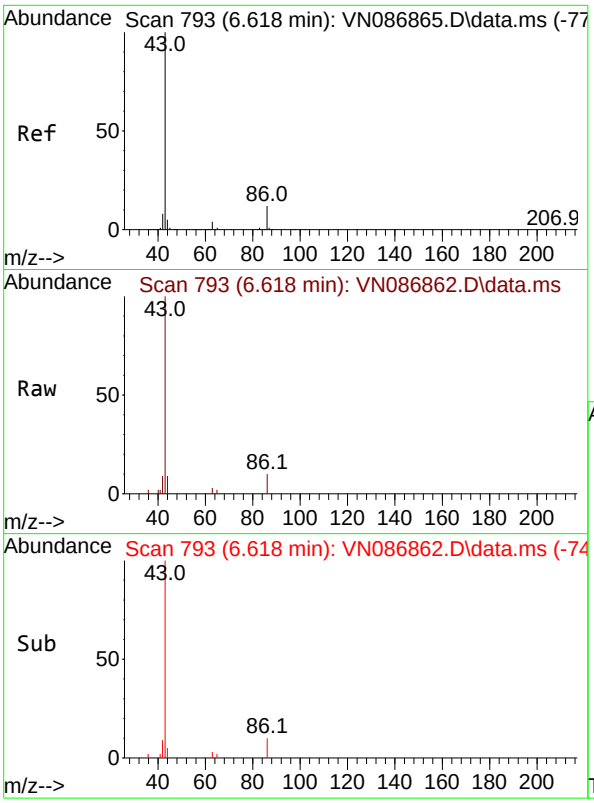


#22
Diisopropyl ether
Concen: 1.037 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 45 Resp: 8584

Ion	Ratio	Lower	Upper
45	100		
43	51.5	41.9	62.9
87	24.5	22.4	33.6
59	8.4	9.8	14.6#





#23
Vinyl Acetate
Concen: 5.303 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 43 Resp: 3707

Ion	Ratio	Lower	Upper
43	100		
86	10.0	9.5	14.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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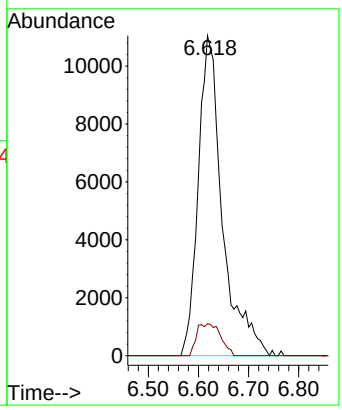
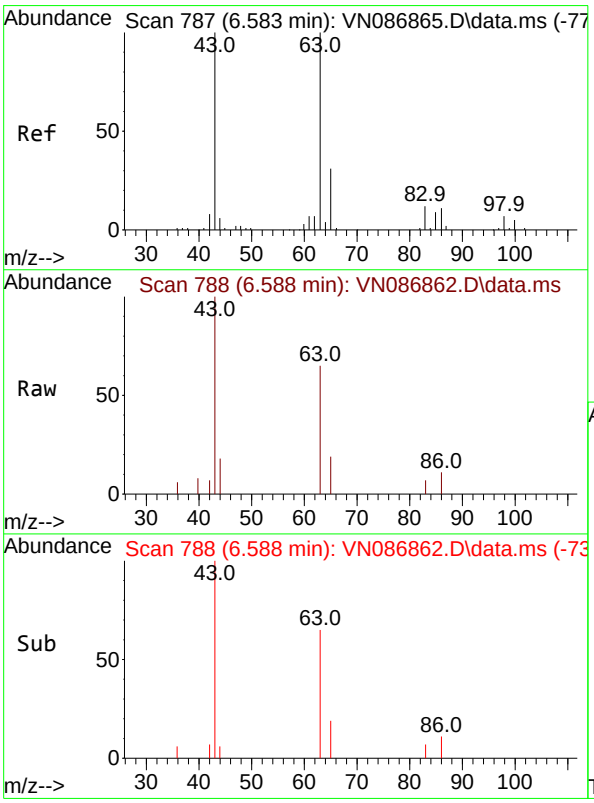
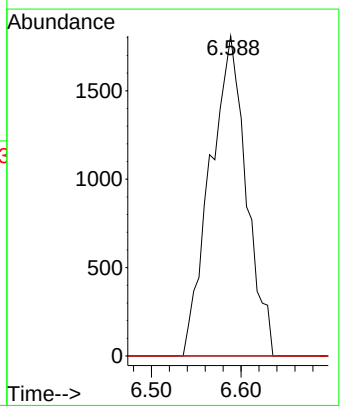


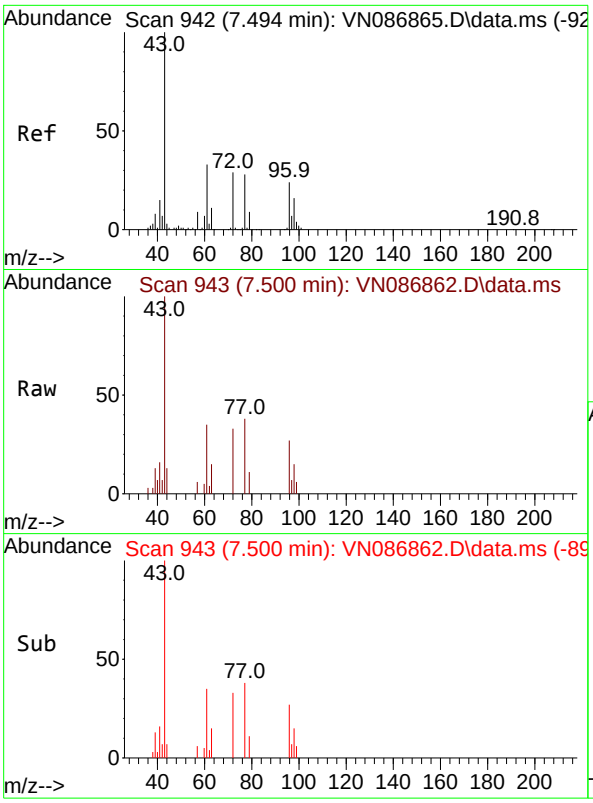


#24
1,1-Dichloroethane
Concen: 1.065 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 63 Resp: 5071

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.6	10.8#
100	0.0	2.6	7.8#





#25
2-Butanone
Concen: 5.231 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 43 Resp: 1284

Ion	Ratio	Lower	Upper
43	100		
72	32.7	23.0	34.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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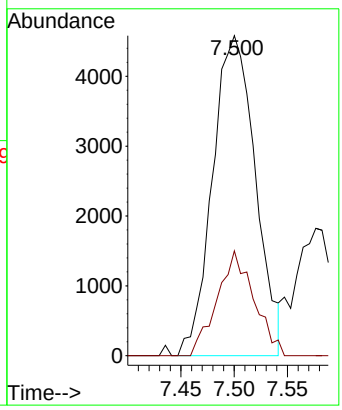
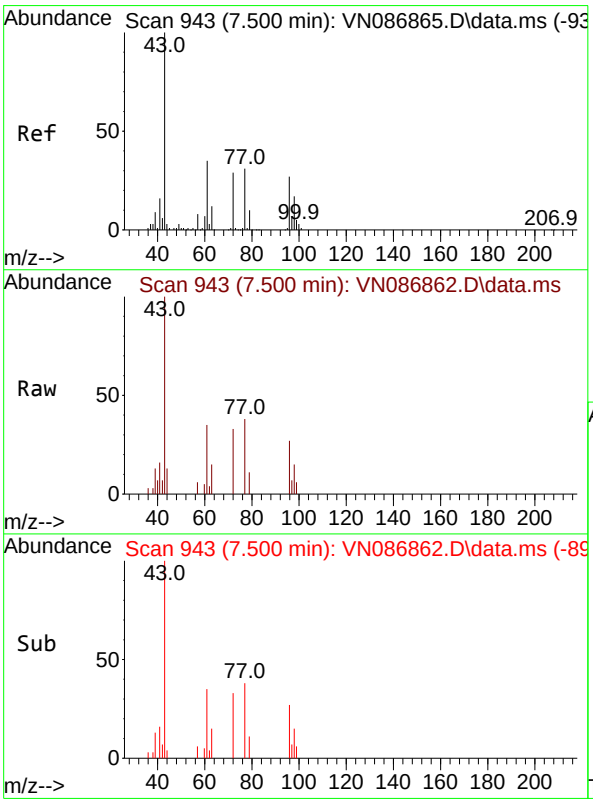
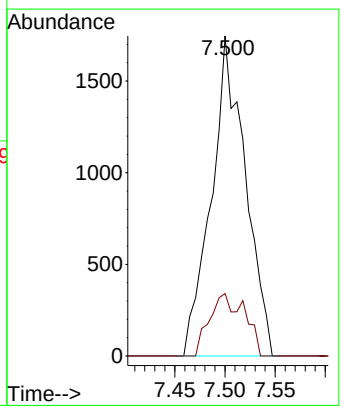


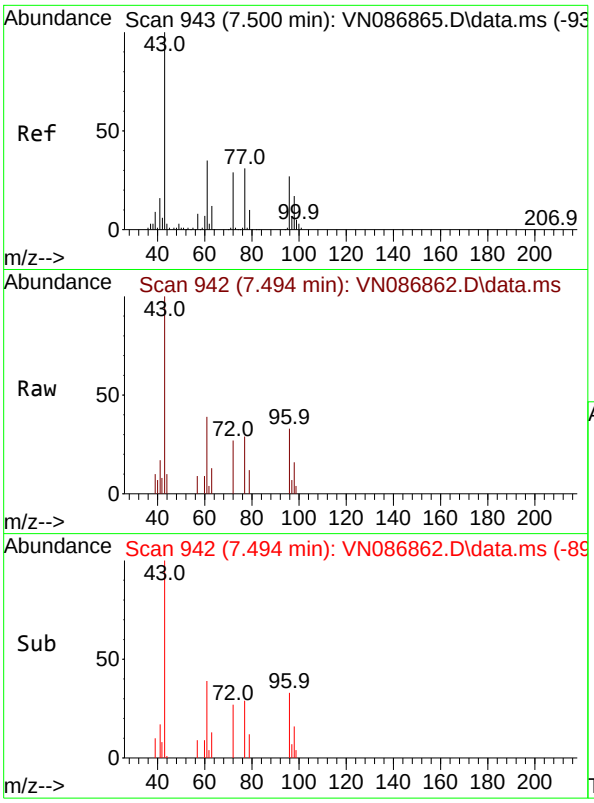


#26
2,2-Dichloropropane
Concen: 1.110 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 77 Resp: 4112

Ion	Ratio	Lower	Upper
77	100		
97	20.1	11.6	34.7

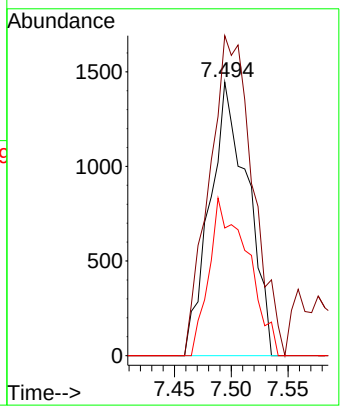




#27
cis-1,2-Dichloroethene
Concen: 1.062 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 96 Resp: 334

Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	278.0
98	58.7	0.0	128.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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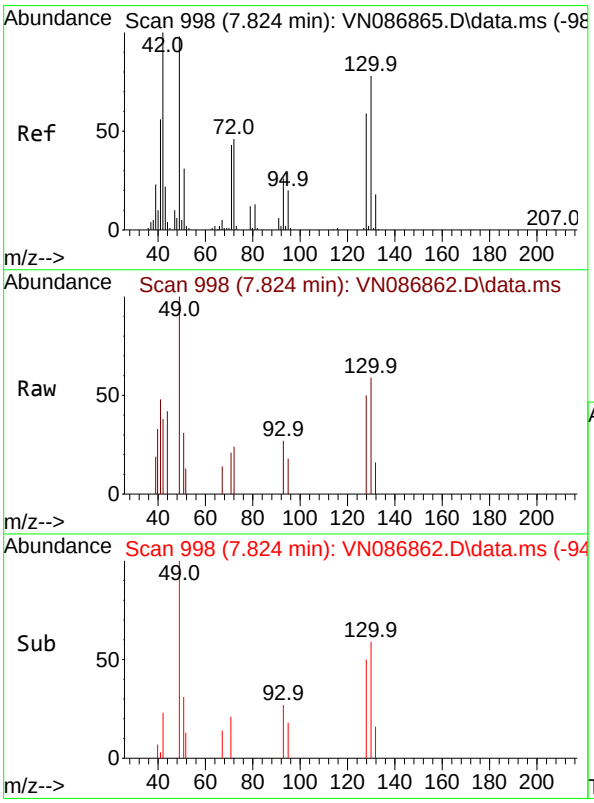
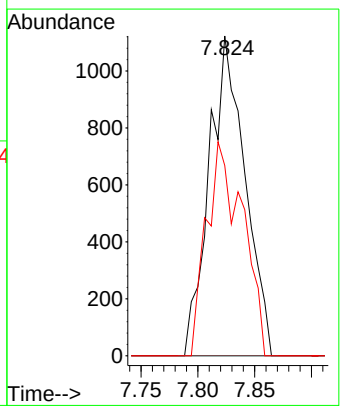
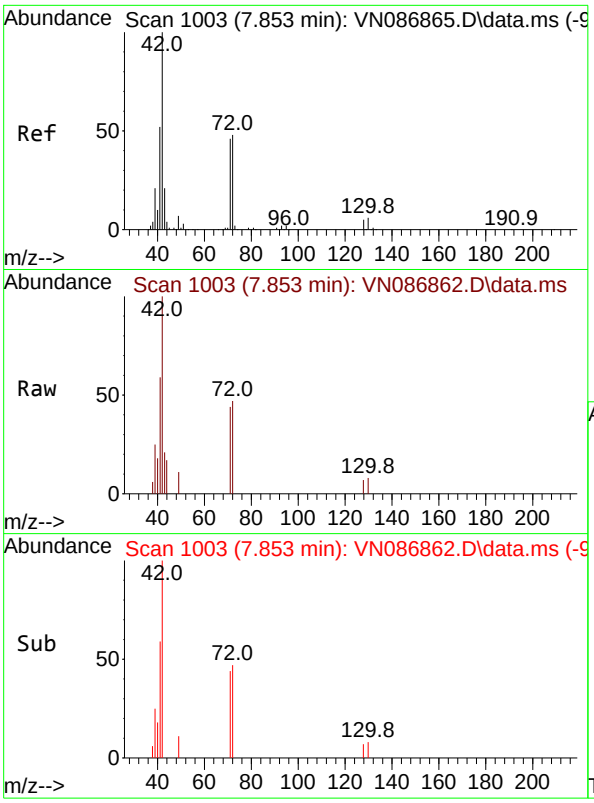


#28
Bromochloromethane
Concen: 1.052 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 49 Resp: 2464

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	67.5	62.2	93.2





#29
Tetrahydrofuran
Concen: 5.191 ug/l
RT: 7.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 42 Resp: 830

Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.8	56.6
71	44.4	35.6	53.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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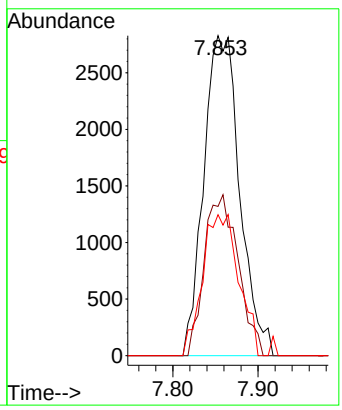
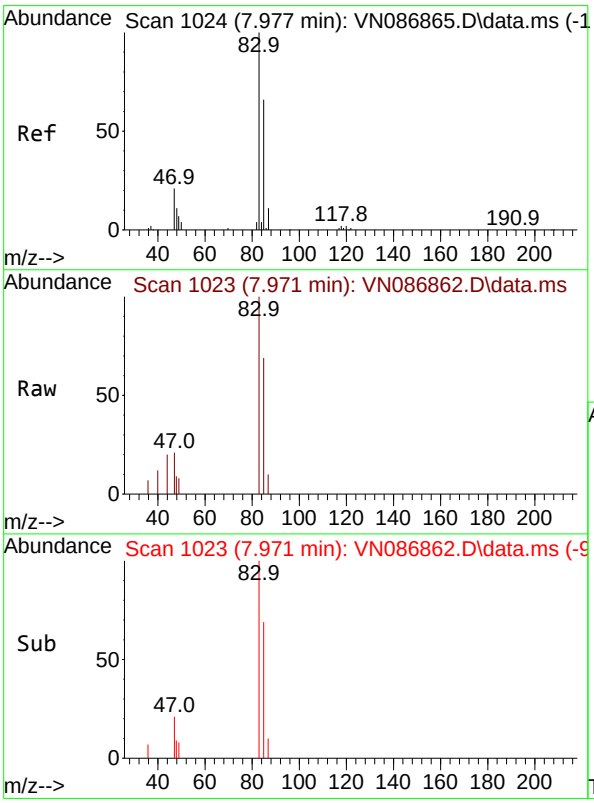
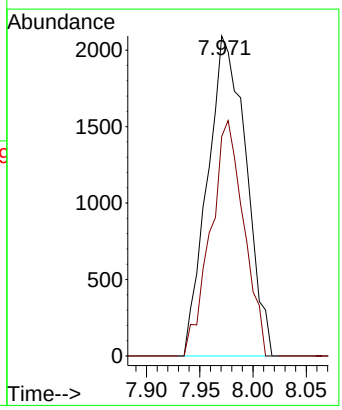


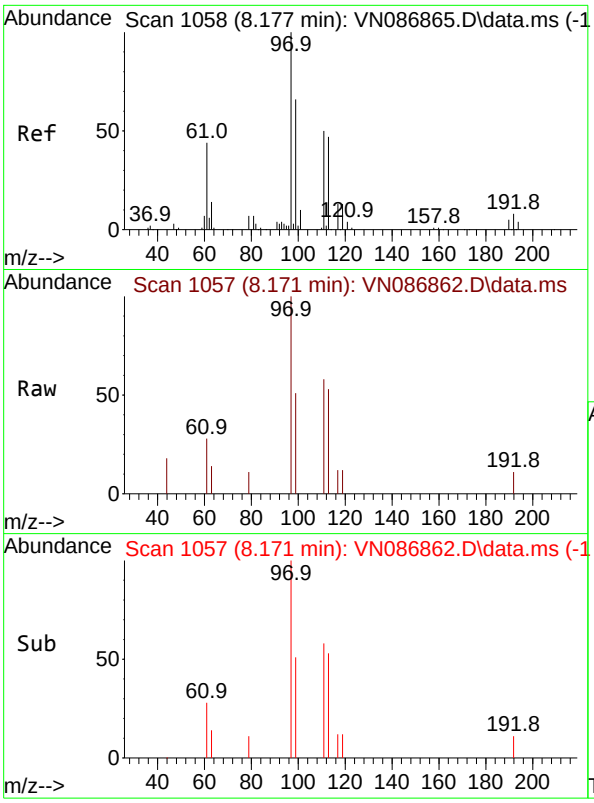


#30
Chloroform
Concen: 1.105 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 83 Resp: 5255

Ion	Ratio	Lower	Upper
83	100		
85	68.6	52.9	79.3

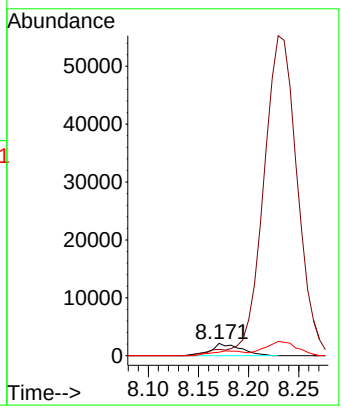




#32
1,1,1-Trichloroethane
Concen: 1.082 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 97 Resp: 437

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	42.5	35.9	53.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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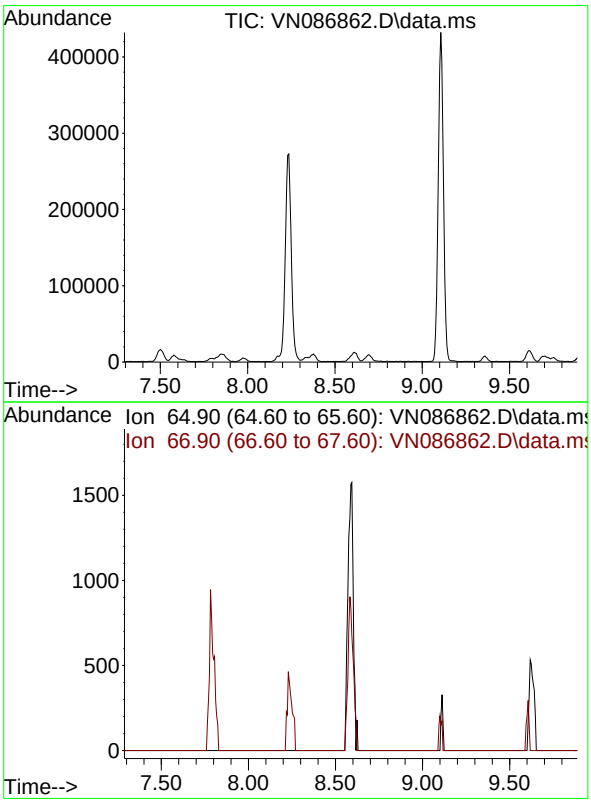
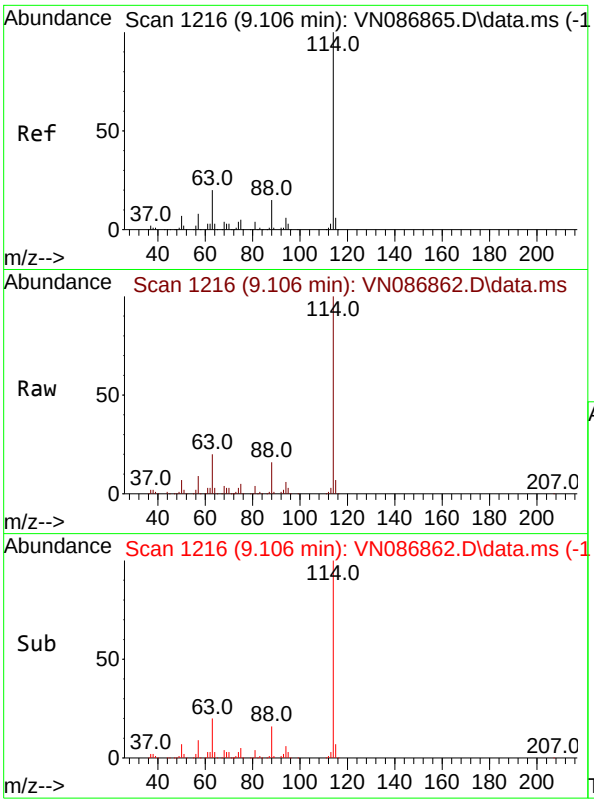


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.59 min

Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	52.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:114 Resp: 39345

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	16.0	0.0	30.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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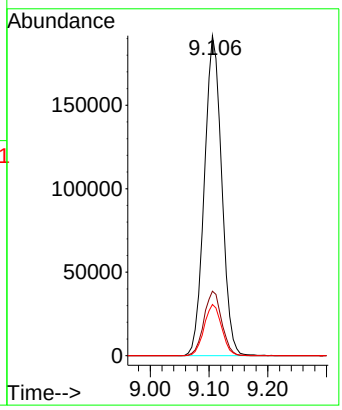
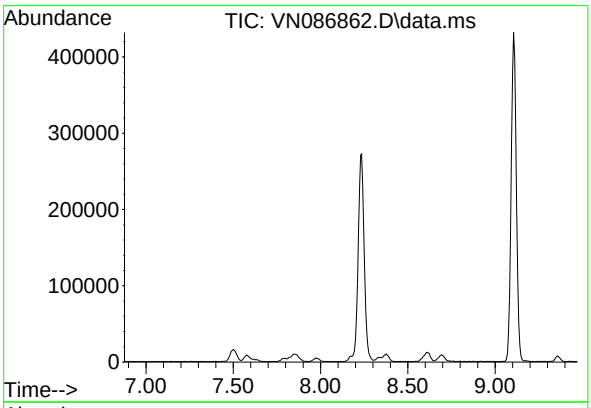


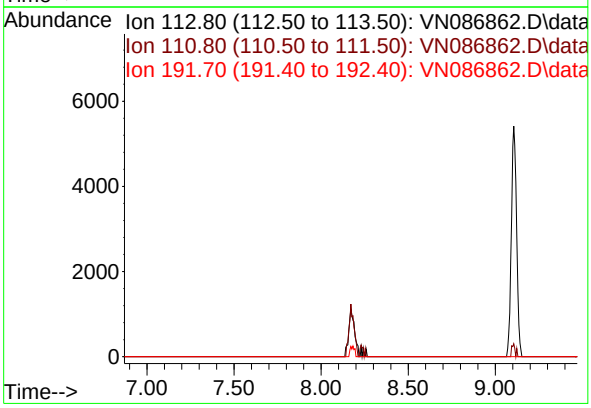


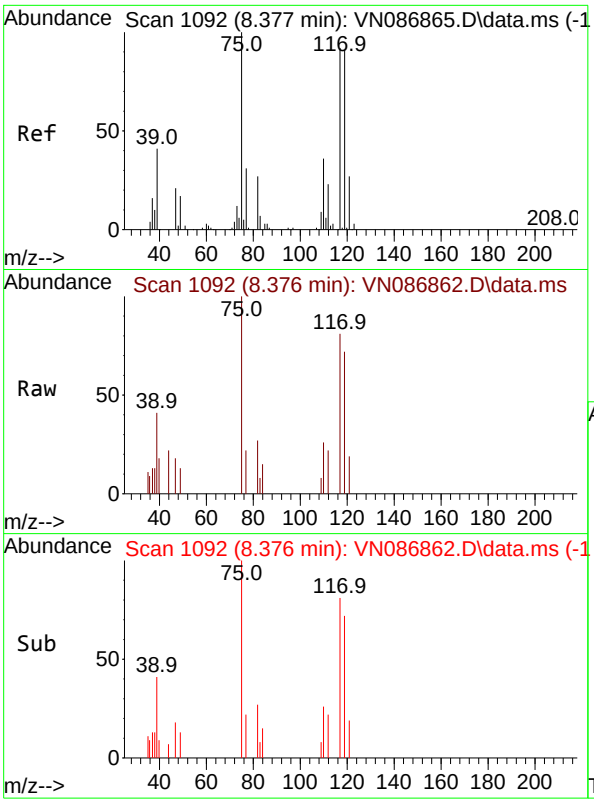
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.17 min

Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	105.2
192	17.8

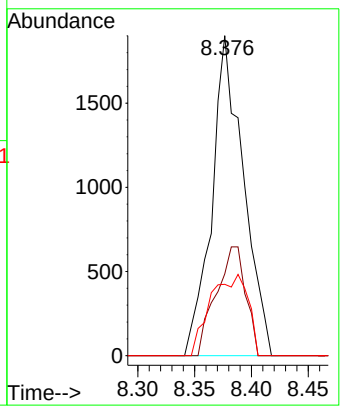




#36
1,1-Dichloropropene
Concen: 1.059 ug/l
RT: 8.376 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 75 Resp: 367

Ion	Ratio	Lower	Upper
75	100		
110	31.8	17.6	52.9
77	30.2	25.3	37.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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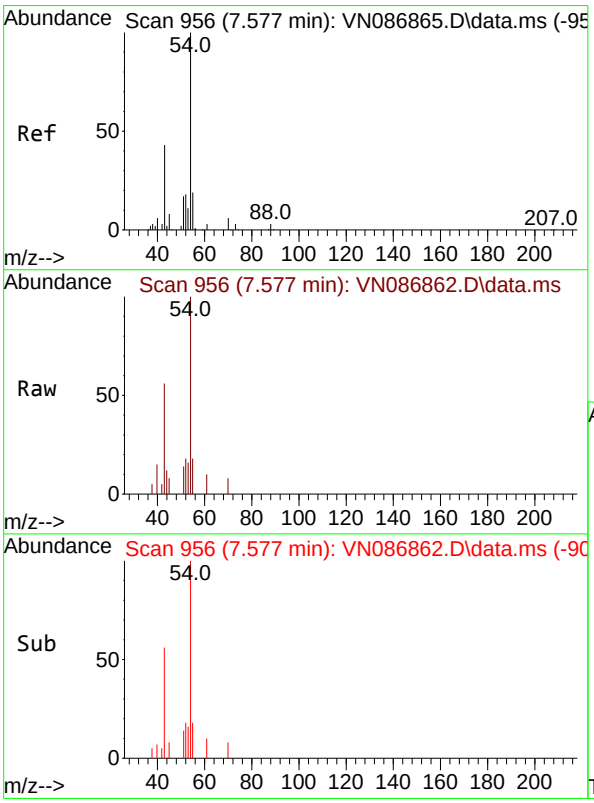
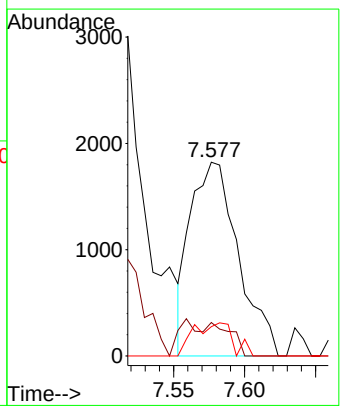
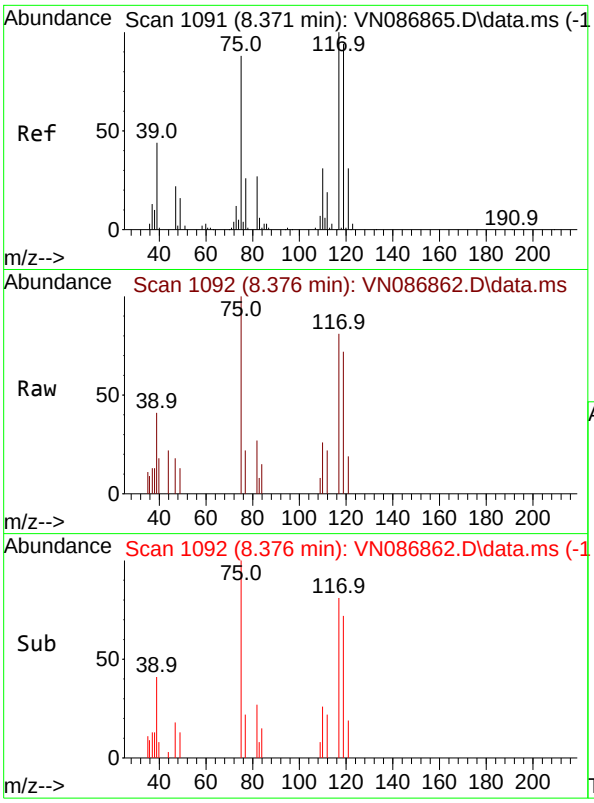


#37
Ethyl Acetate
Concen: 0.968 ug/l
RT: 7.577 min Scan# 956
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 43 Resp: 4282

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	14.1	9.8	14.6

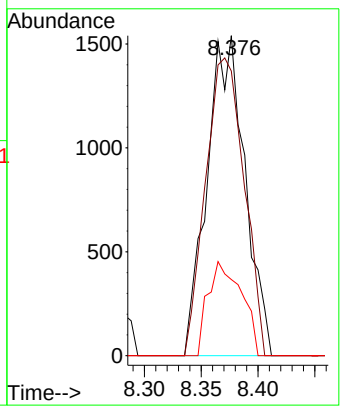




#38
Carbon Tetrachloride
Concen: 1.045 ug/l
RT: 8.376 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:117 Resp: 356

Ion	Ratio	Lower	Upper
117	100		
119	89.0	75.0	112.6
121	23.8	24.9	37.3#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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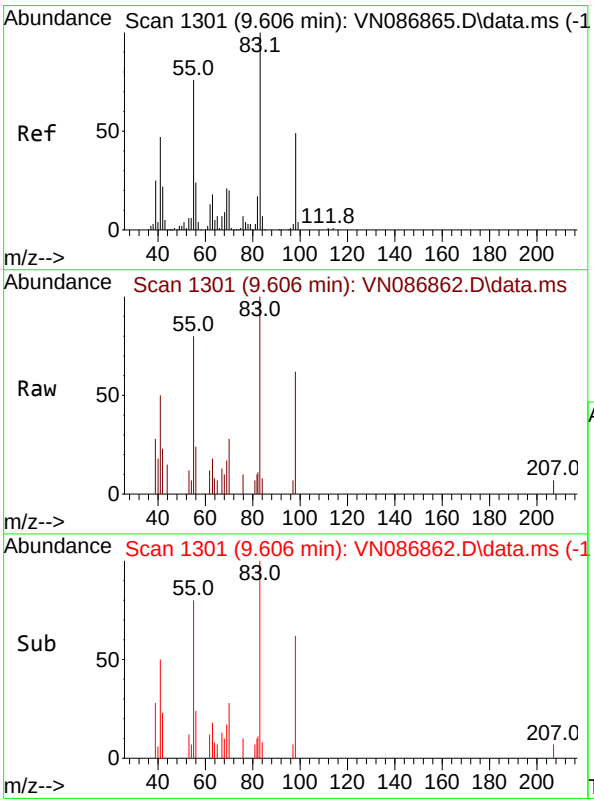
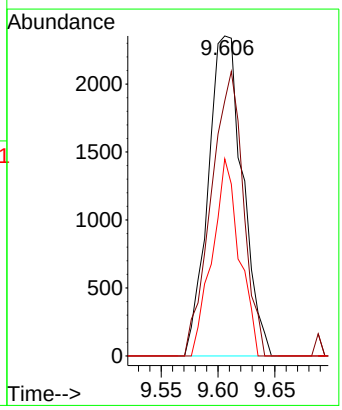
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

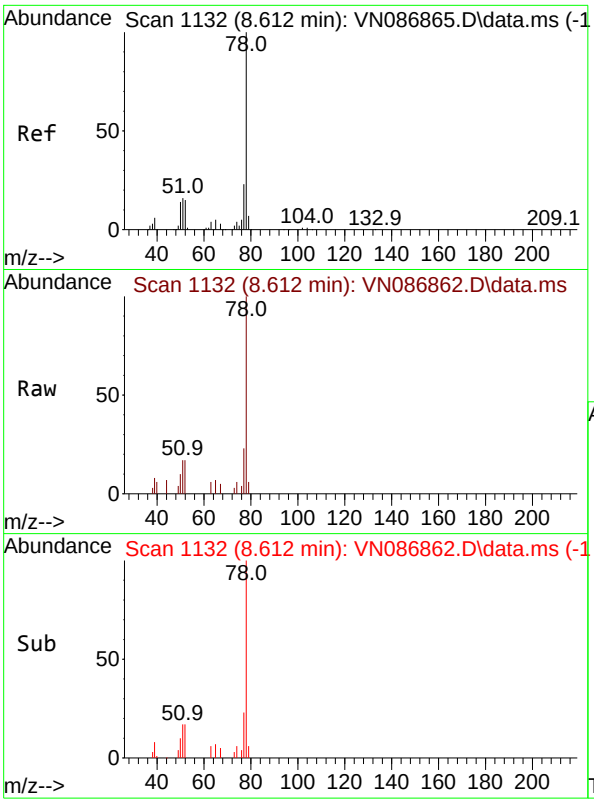


#39
Methylcyclohexane
Concen: 1.046 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 83 Resp: 4981

Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.0	91.6
98	61.6	38.9	58.3#

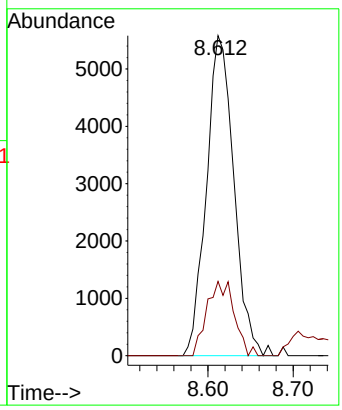




#40
Benzene
Concen: 1.100 ug/l
RT: 8.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 78 Resp: 1249

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.7	28.1



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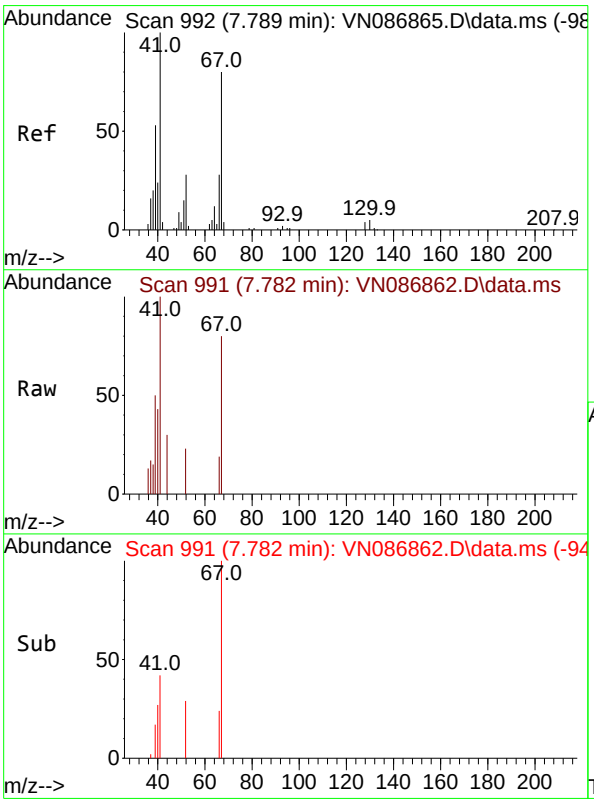
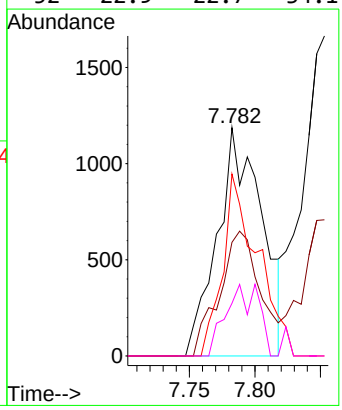
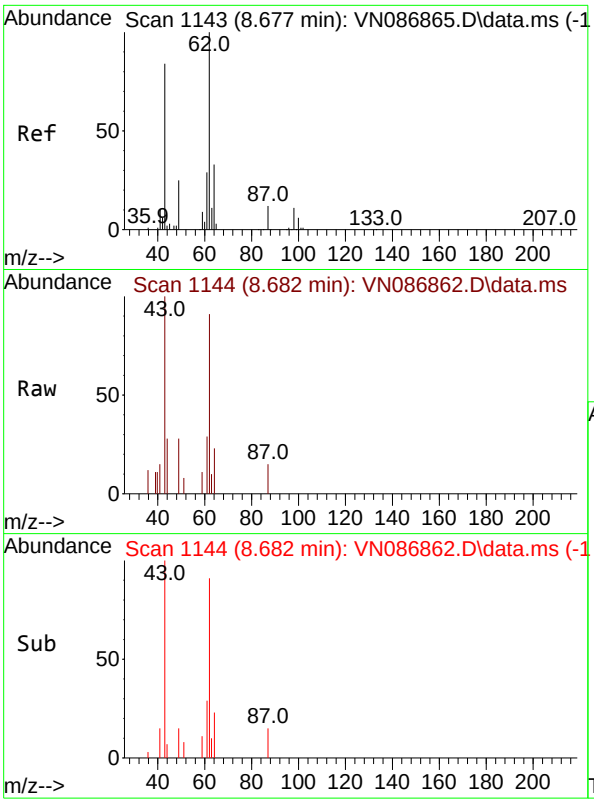


#41
Methacrylonitrile
Concen: 1.127 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 41 Resp: 2799

Ion	Ratio	Lower	Upper
41	100		
39	50.3	41.2	61.8
67	62.4	61.4	92.2
52	22.9	22.7	34.1





#42
1,2-Dichloroethane
Concen: 1.081 ug/l
RT: 8.682 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 62 Resp: 372

Ion	Ratio	Lower	Upper
62	100		
98	3.9	0.0	21.2

Instrument :
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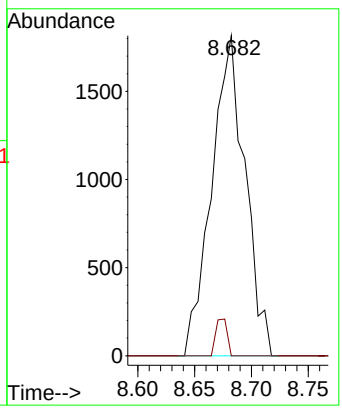
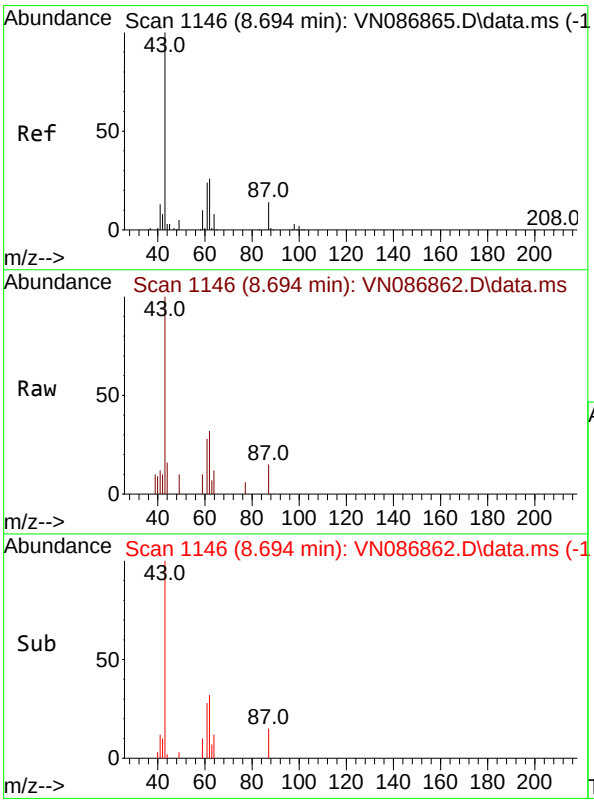
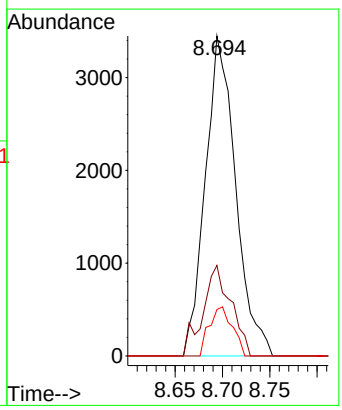


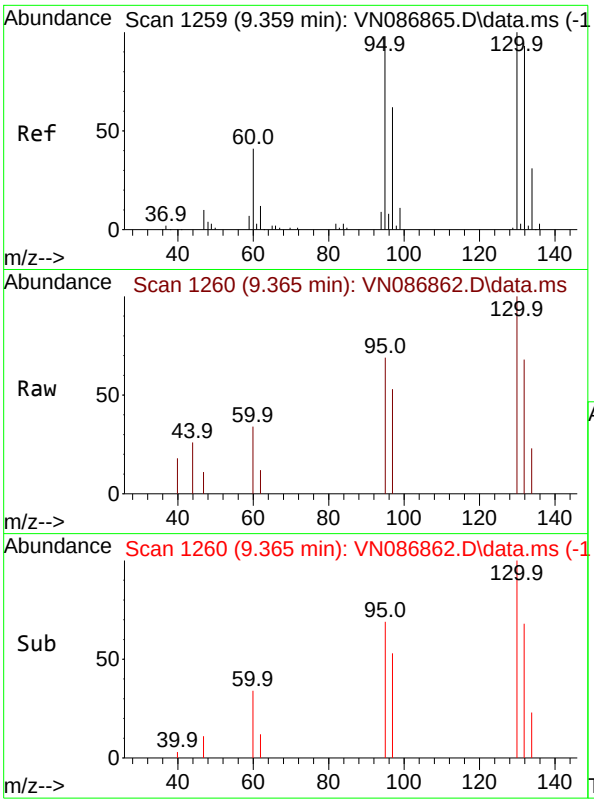


#43
Isopropyl Acetate
Concen: 1.081 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 43 Resp: 7673

Ion	Ratio	Lower	Upper
43	100		
61	26.2	22.1	33.1
87	11.7	11.8	17.6#

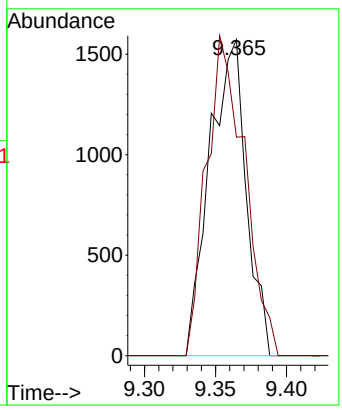




#44
Trichloroethene
Concen: 1.047 ug/l
RT: 9.365 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:130 Resp: 282

Ion	Ratio	Lower	Upper
130	100		
95	69.1	0.0	196.2



Instrument :
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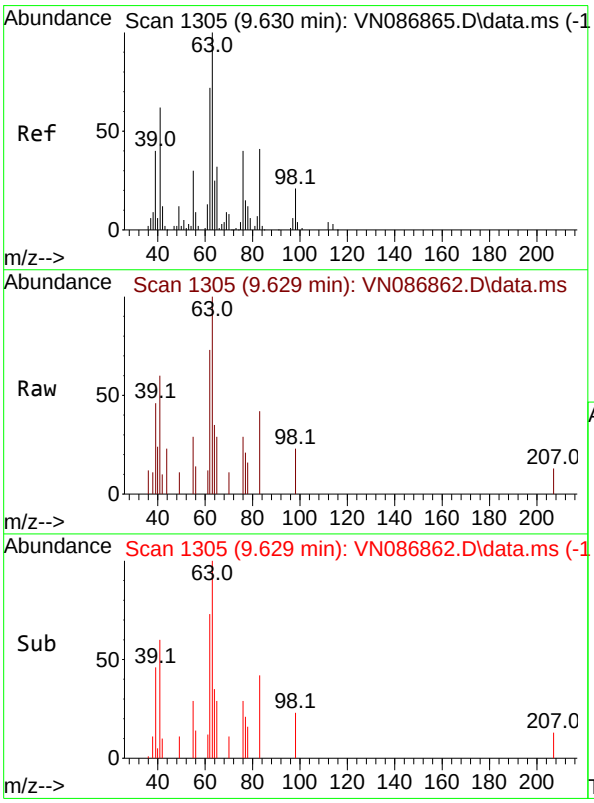
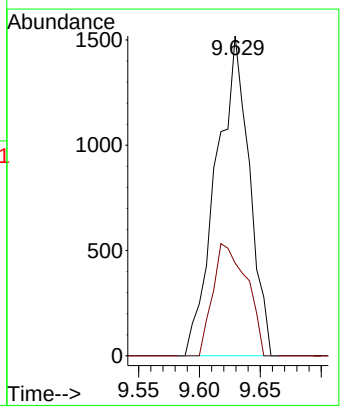
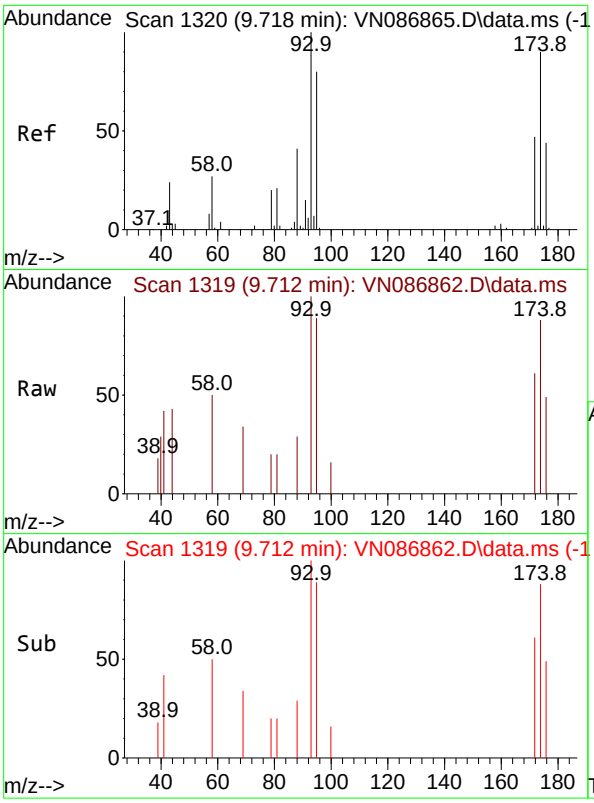


#45
1,2-Dichloropropane
Concen: 1.043 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 63 Resp: 2883

Ion	Ratio	Lower	Upper
63	100		
65	29.0	25.5	38.3

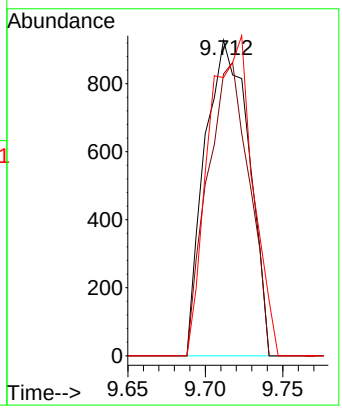




#46
Dibromomethane
Concen: 0.999 ug/l
RT: 9.712 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 93 Resp: 183

Ion	Ratio	Lower	Upper
93	100		
95	87.6	67.1	100.7
174	100.5	74.2	111.4



Instrument :
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ClientSampleId :
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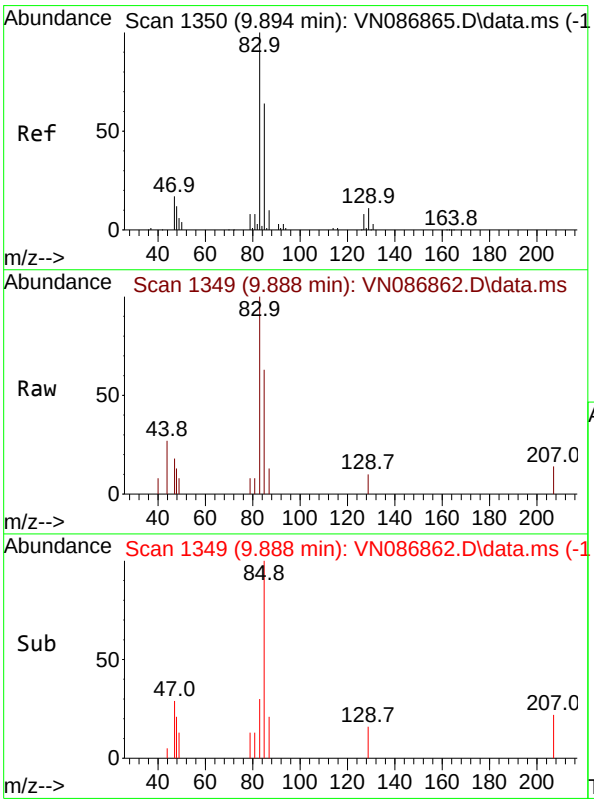
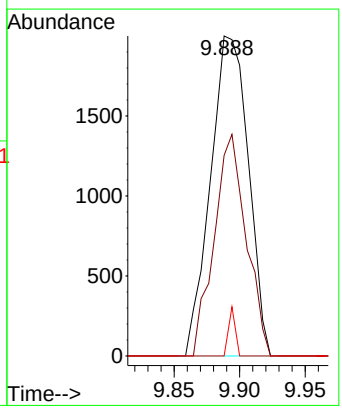
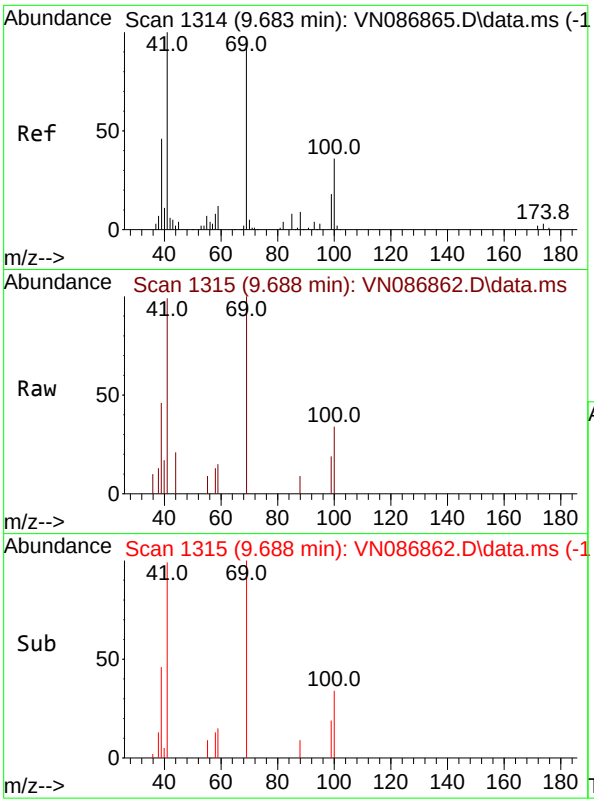


#47
Bromodichloromethane
Concen: 1.063 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 83 Resp: 4017

Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.9	76.3
127	0.0	6.6	10.0#





#48
Methyl methacrylate
Concen: 1.069 ug/l
RT: 9.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 41 Resp: 349

Ion	Ratio	Lower	Upper
41	100		
69	79.4	74.6	112.0
39	44.9	40.2	60.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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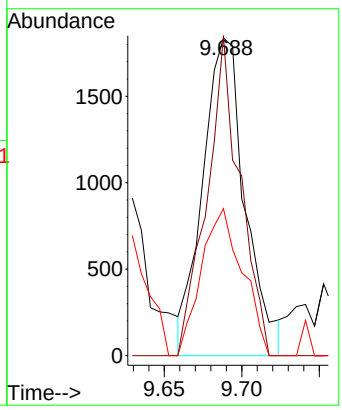
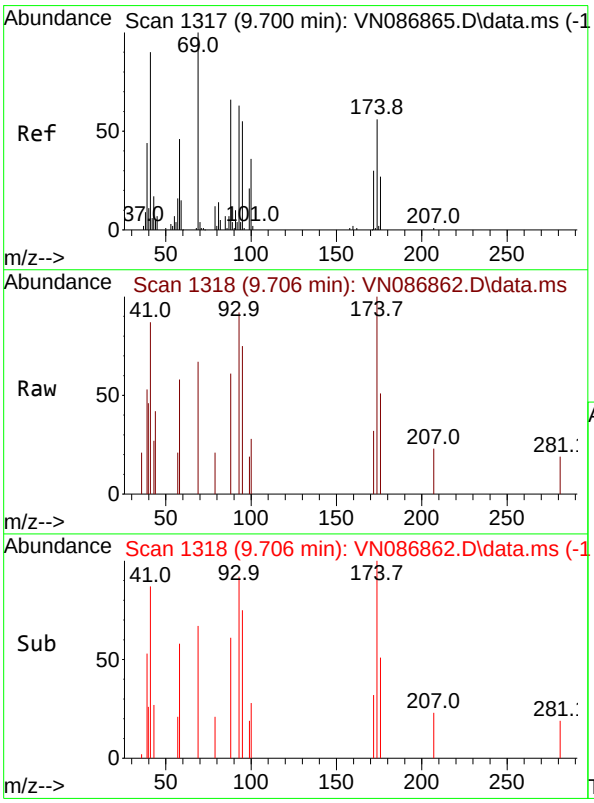
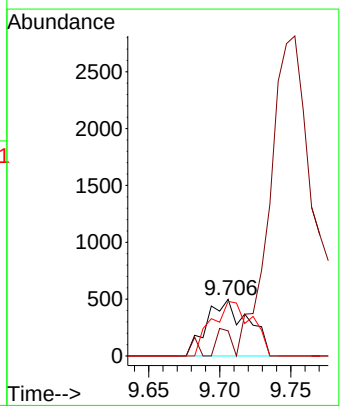


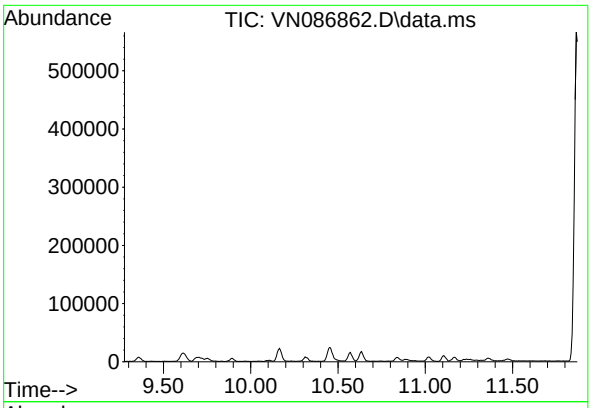


#49
1,4-Dioxane
Concen: 16.891 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 88 Resp: 1004

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	94.0	57.7	86.5#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.57 min

Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	66.7

Instrument :
MSVOA_N
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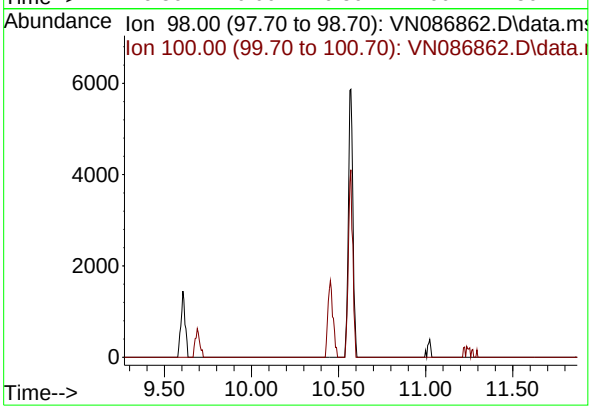
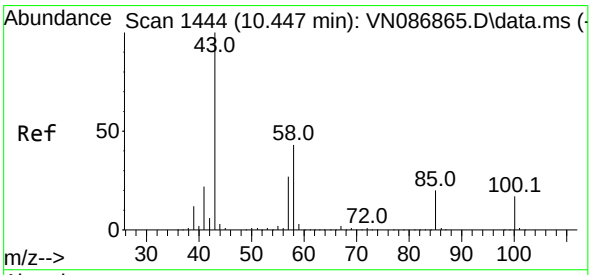
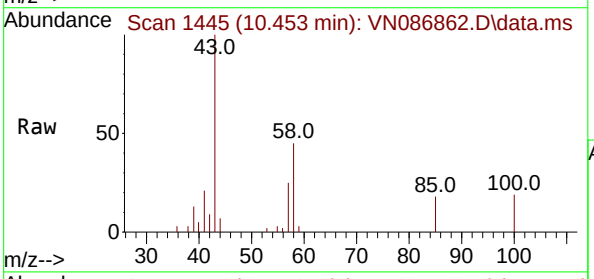
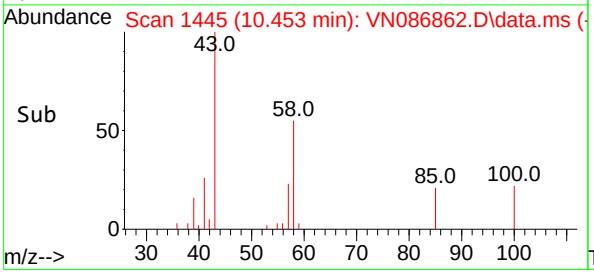




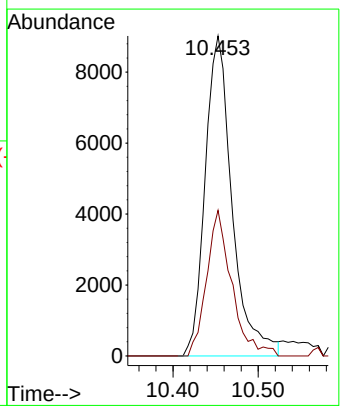


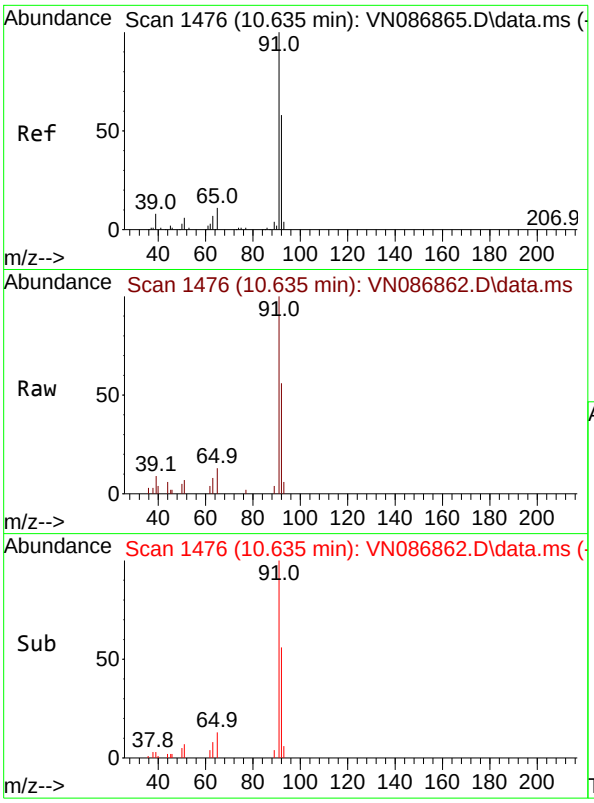


#51
4-Methyl-2-Pentanone
Concen: 4.653 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 43 Resp: 19886

Ion	Ratio	Lower	Upper
43	100		
58	42.3	34.2	51.4





#52
Toluene
Concen: 1.041 ug/l
RT: 10.635 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 92 Resp: 722

Ion	Ratio	Lower	Upper
92	100		
91	178.1	136.5	204.7

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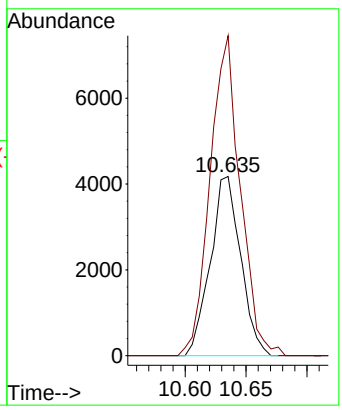
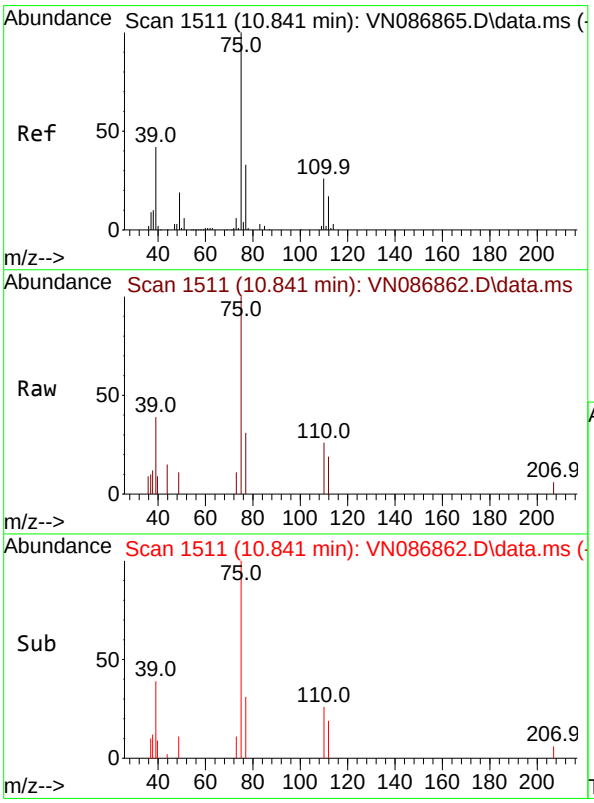
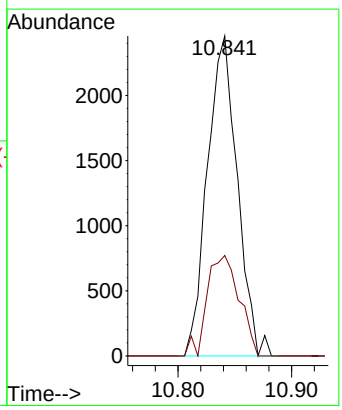


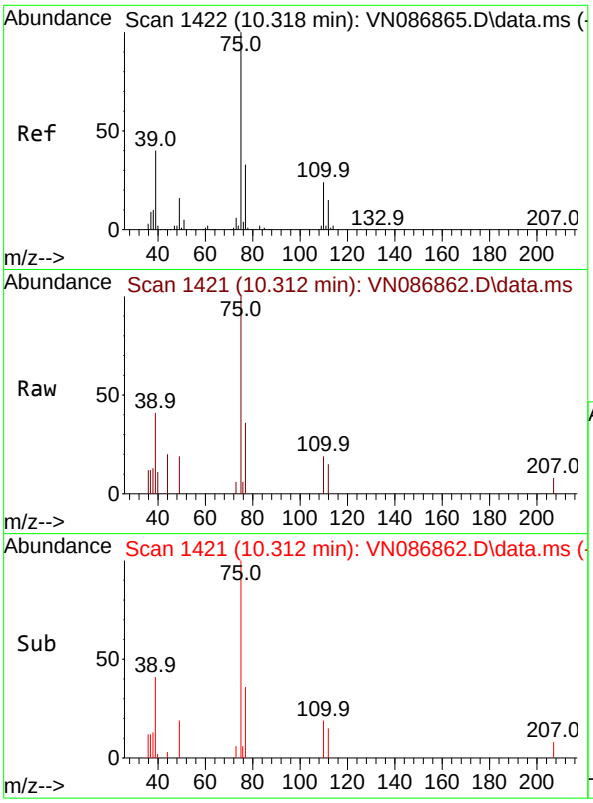


#53
t-1,3-Dichloropropene
Concen: 1.064 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 75 Resp: 4494

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.4	39.6

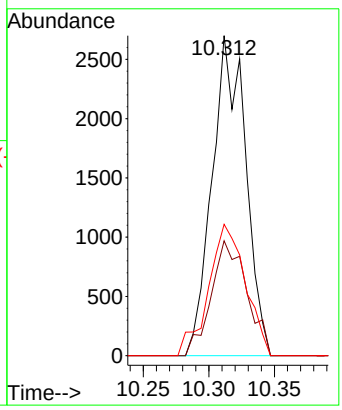




#54
cis-1,3-Dichloropropene
Concen: 1.060 ug/l
RT: 10.312 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 75 Resp: 479

Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.2	39.4
39	41.1	32.3	48.5



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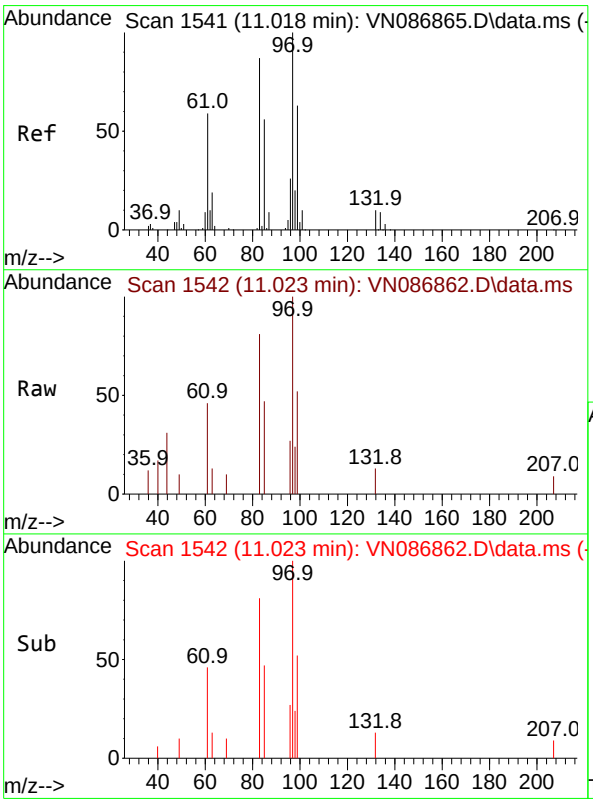
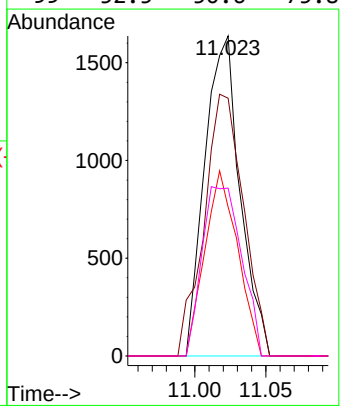
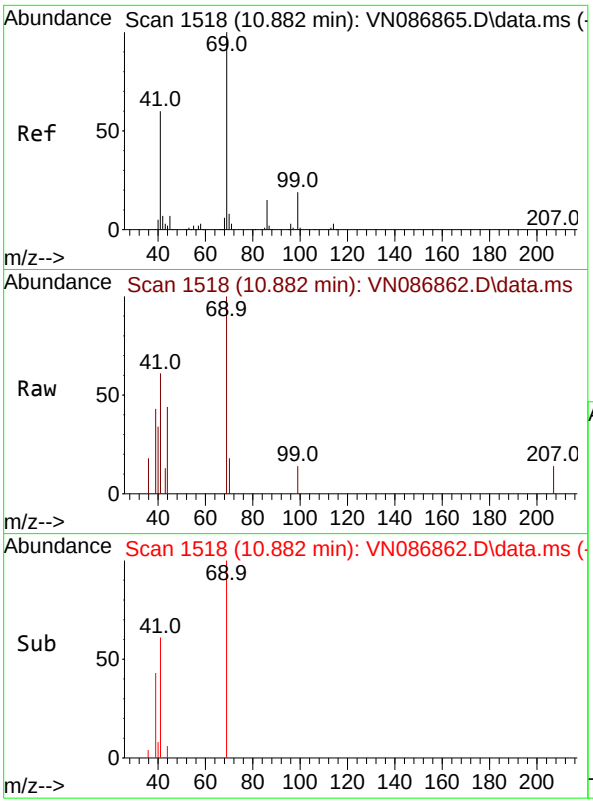


#55
1,1,2-Trichloroethane
Concen: 1.058 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 97 Resp: 2828

Ion	Ratio	Lower	Upper
97	100		
83	80.6	69.7	104.5
85	46.5	45.1	67.7
99	52.5	50.6	75.8

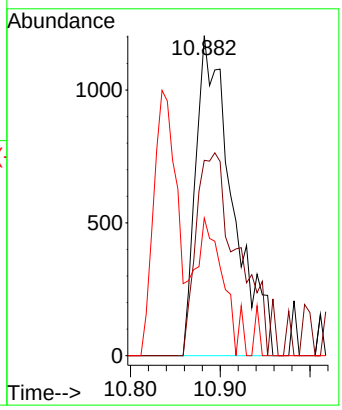




#56
Ethyl methacrylate
Concen: 0.800 ug/l
RT: 10.882 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 69 Resp: 340

Ion	Ratio	Lower	Upper
69	100		
41	73.5	47.2	70.8
39	31.6	23.0	34.6



Instrument :
MSVOA_N
ClientSampleId :
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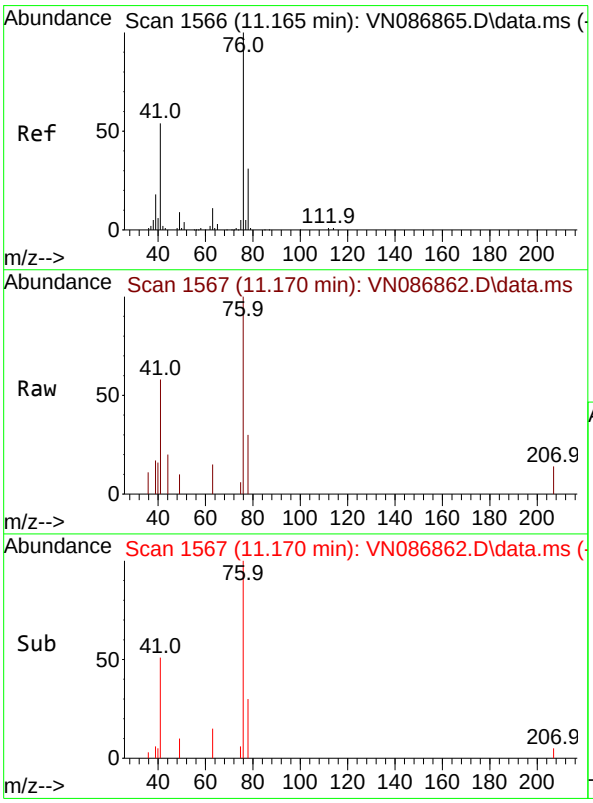
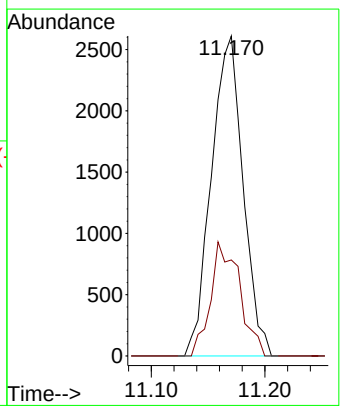
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

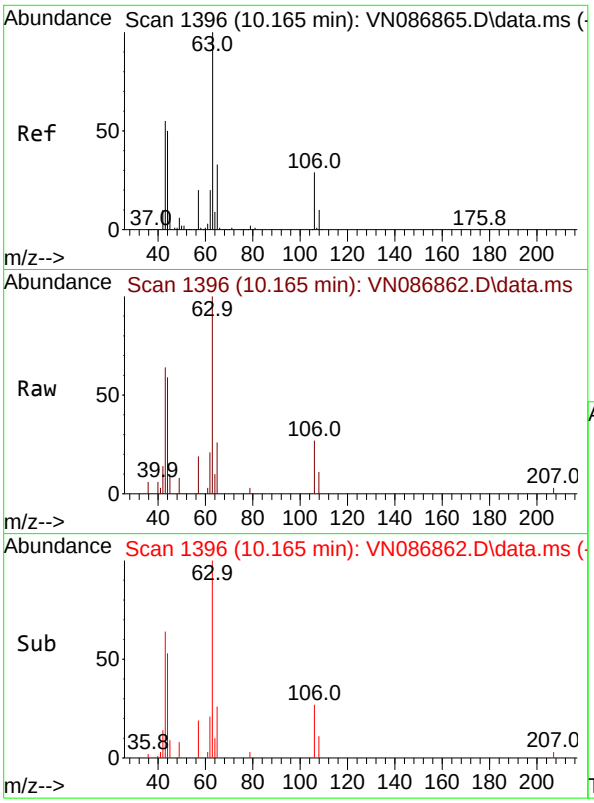


#57
1,3-Dichloropropane
Concen: 1.092 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 76 Resp: 5062

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.3	37.9

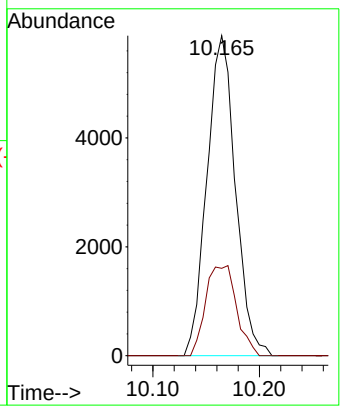




#58
2-Chloroethyl Vinyl ether
Concen: 4.304 ug/l
RT: 10.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 63 Resp: 1092

Ion	Ratio	Lower	Upper
63	100		
106	30.4	23.0	34.6



Instrument :
MSVOA_N
ClientSampleId :
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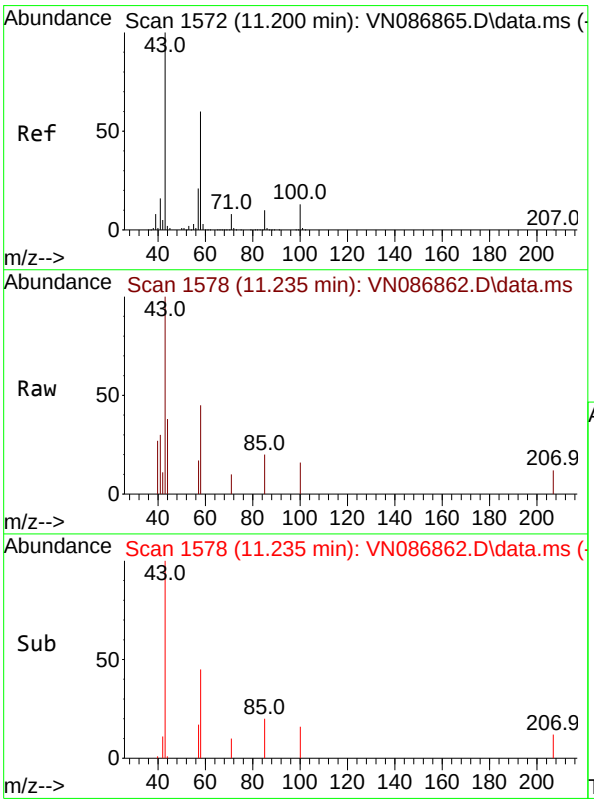
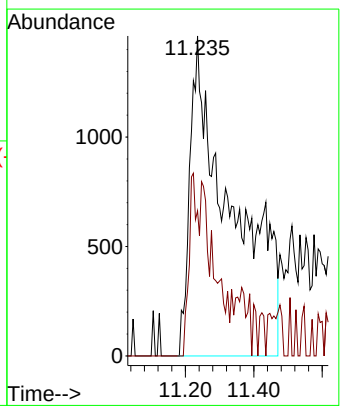
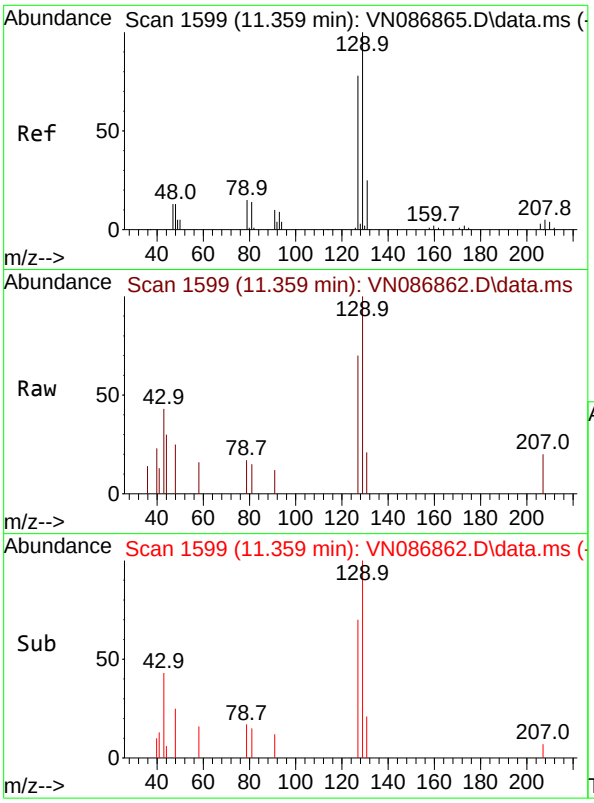


#59
2-Hexanone
Concen: 4.466 ug/l m
RT: 11.235 min Scan# 1578
Delta R.T. 0.035 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 43 Resp: 12295

Ion	Ratio	Lower	Upper
43	100		
58	4.7	30.4	91.3#

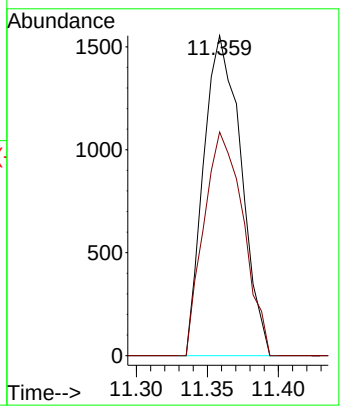




#60
Dibromochloromethane
Concen: 1.021 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:129 Resp: 284

Ion	Ratio	Lower	Upper
129	100		
127	73.8	38.6	115.8



Instrument :
MSVOA_N
ClientSampleId :
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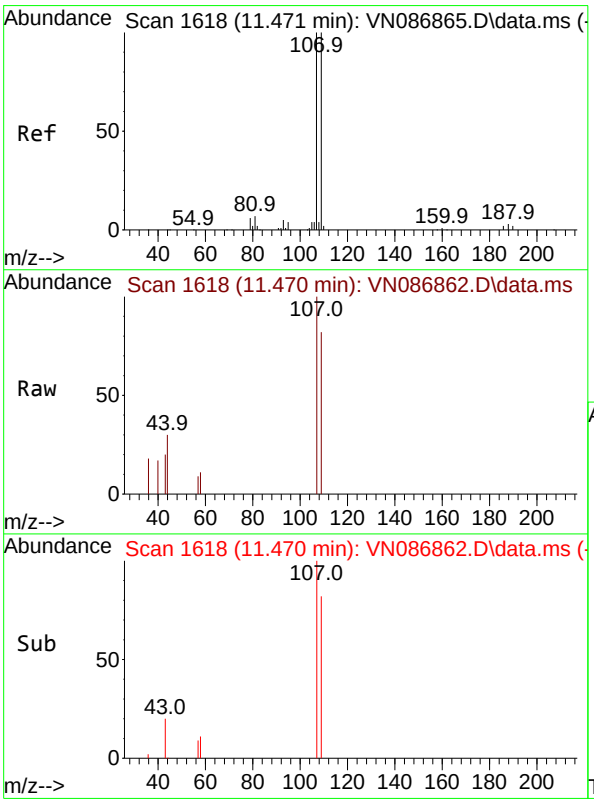
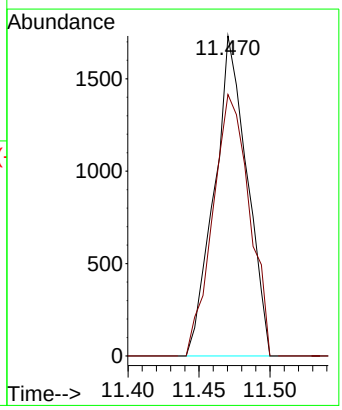
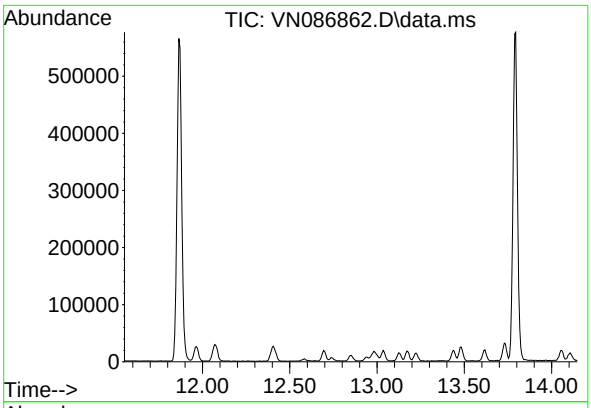


#61
1,2-Dibromoethane
Concen: 1.014 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:107 Resp: 2777

Ion	Ratio	Lower	Upper
107	100		
109	91.2	76.3	114.5





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.85 min

Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	70.9
176	66.3

Instrument :
MSVOA_N
ClientSampleId :
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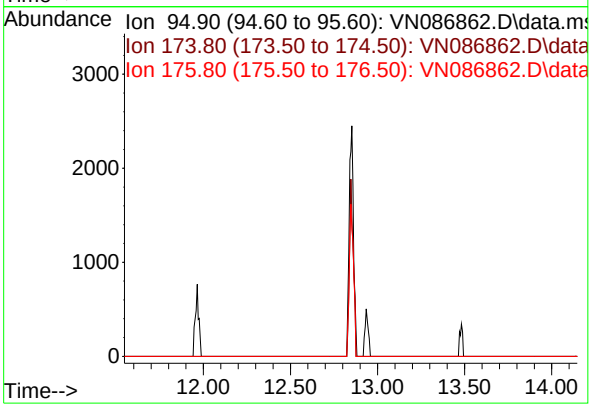
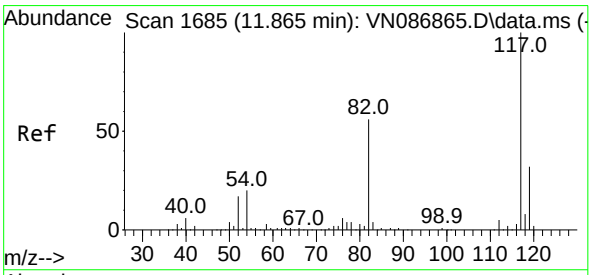
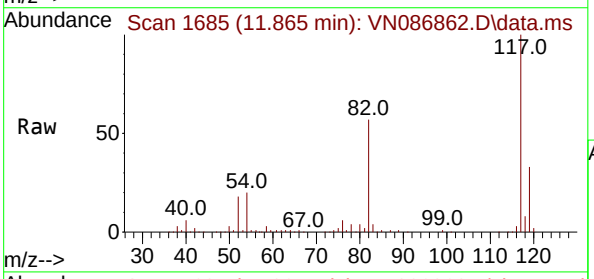
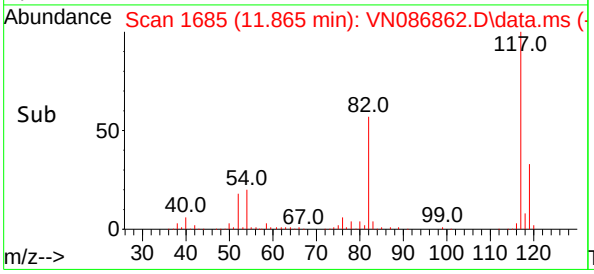




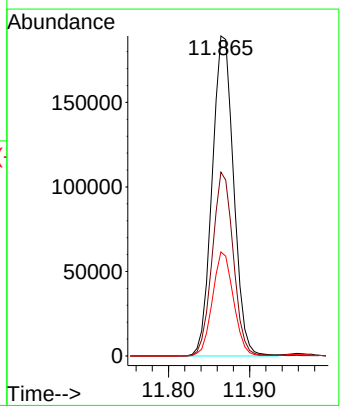


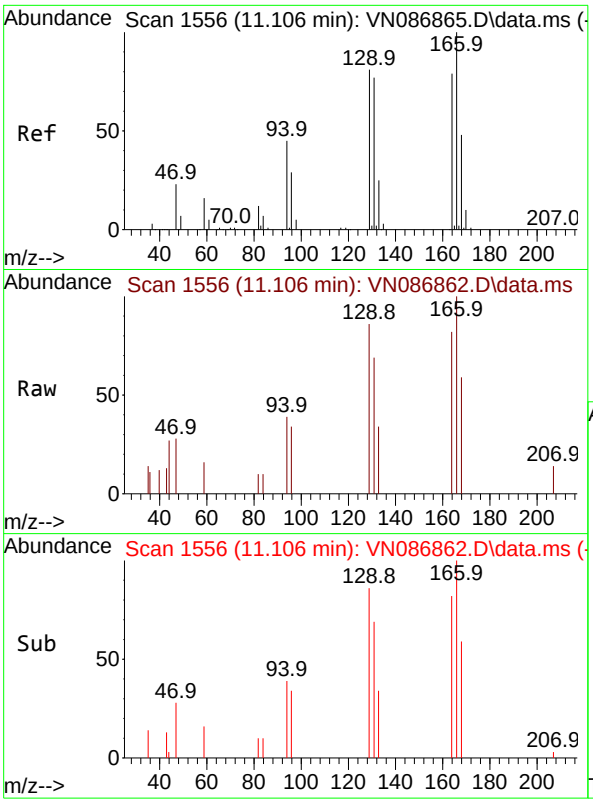


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:117 Resp: 348010

Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.6	67.0
119	32.5	25.5	38.3

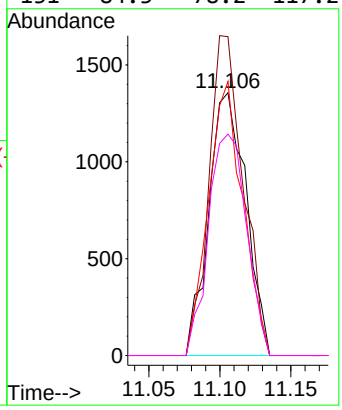




#64
Tetrachloroethene
Concen: 1.123 ug/l
RT: 11.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:164 Resp: 247

Ion	Ratio	Lower	Upper
164	100		
166	121.4	101.8	152.8
129	104.4	83.0	124.4
131	84.3	78.2	117.2



Instrument :
MSVOA_N
ClientSampleId :
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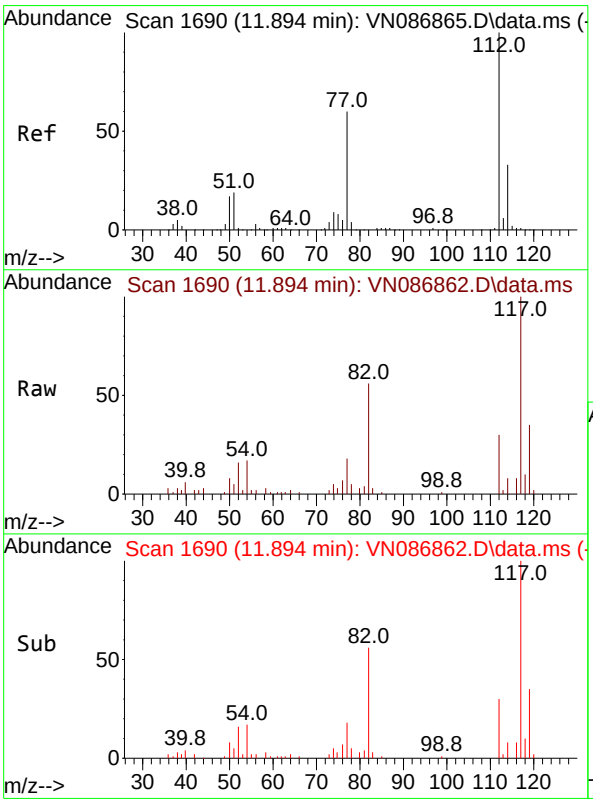
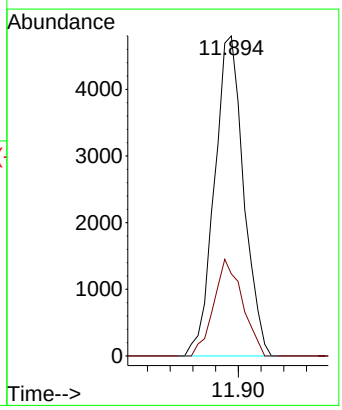
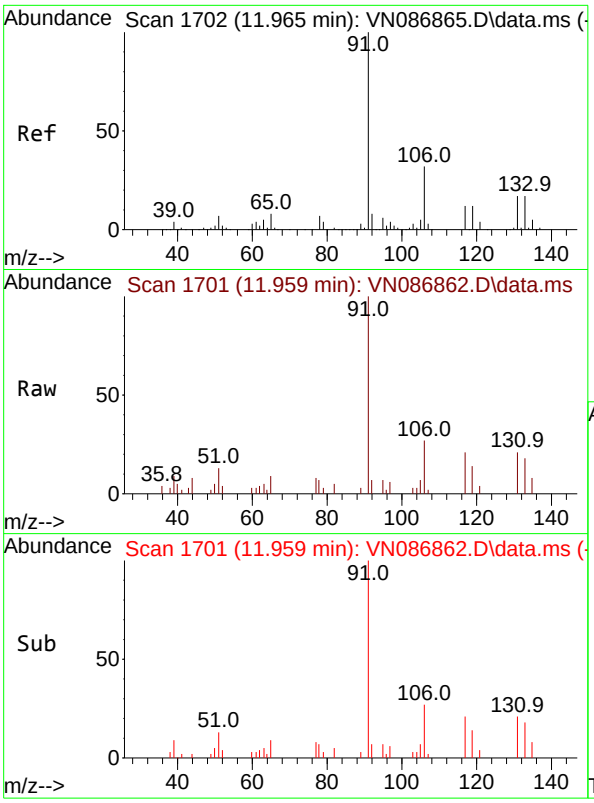


#65
Chlorobenzene
Concen: 1.118 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:112 Resp: 8581

Ion	Ratio	Lower	Upper
112	100		
114	25.7	26.2	39.2#





#66
1,1,1,2-Tetrachloroethane
Concen: 1.023 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:131 Resp: 252

Ion	Ratio	Lower	Upper
131	100		
133	100.9	48.3	144.8
119	0.0	34.0	101.8#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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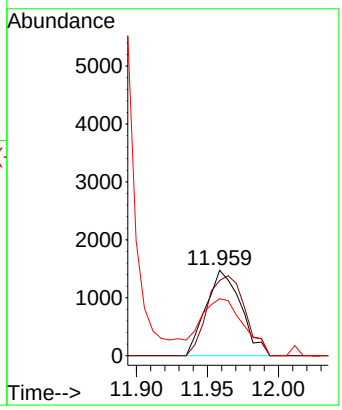
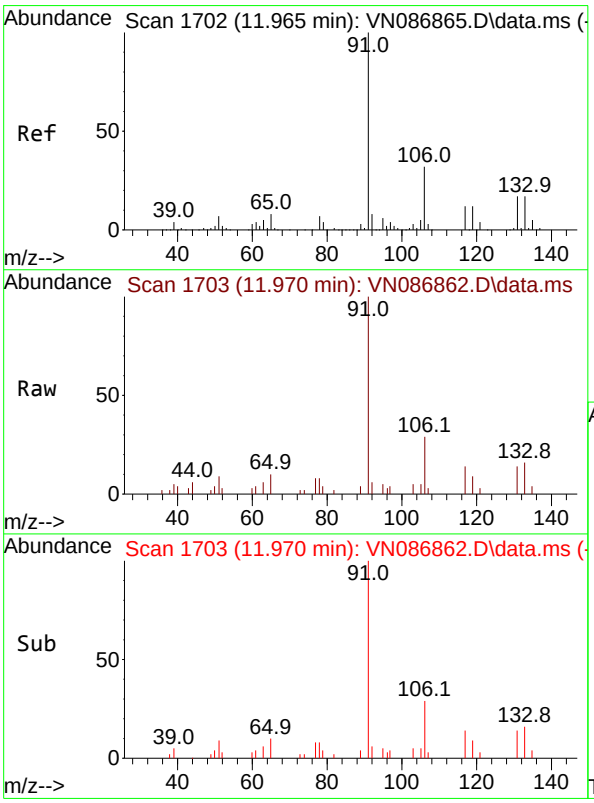
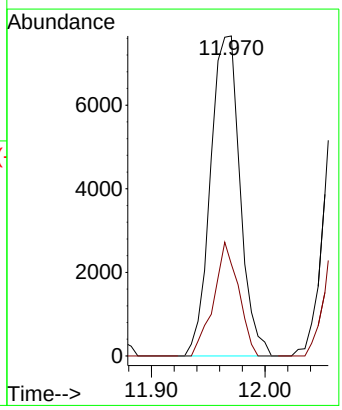


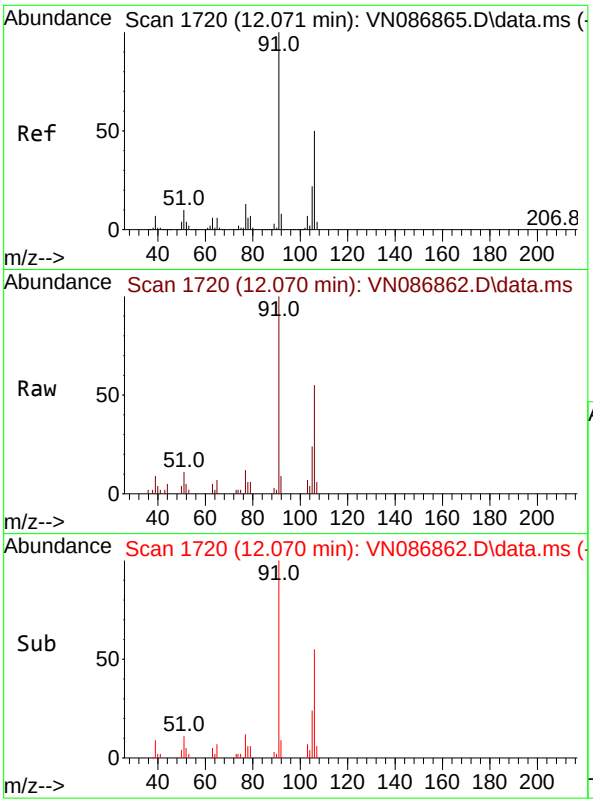


#67
Ethyl Benzene
Concen: 1.047 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 91 Resp: 13845

Ion	Ratio	Lower	Upper
91	100		
106	28.7	25.4	38.2





#68
m/p-Xylenes
Concen: 2.008 ug/l
RT: 12.070 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:106 Resp: 1016

Ion	Ratio	Lower	Upper
106	100		
91	207.3	159.4	239.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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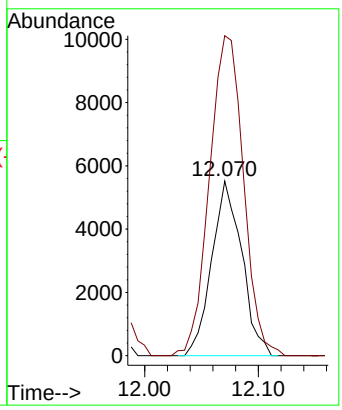
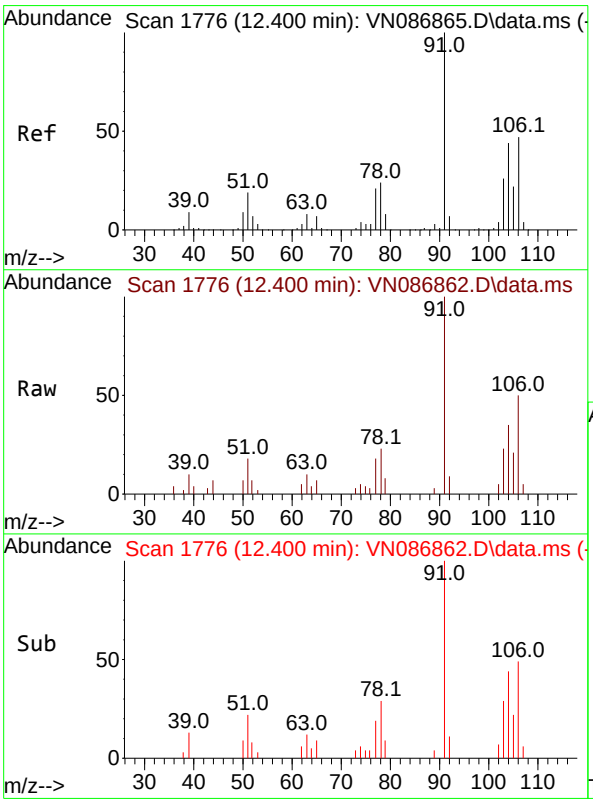
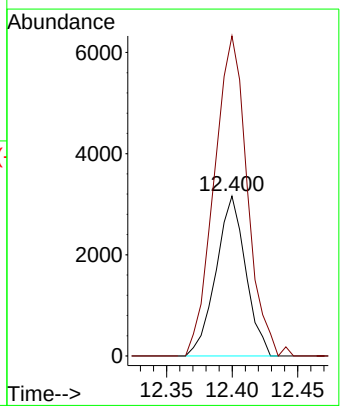


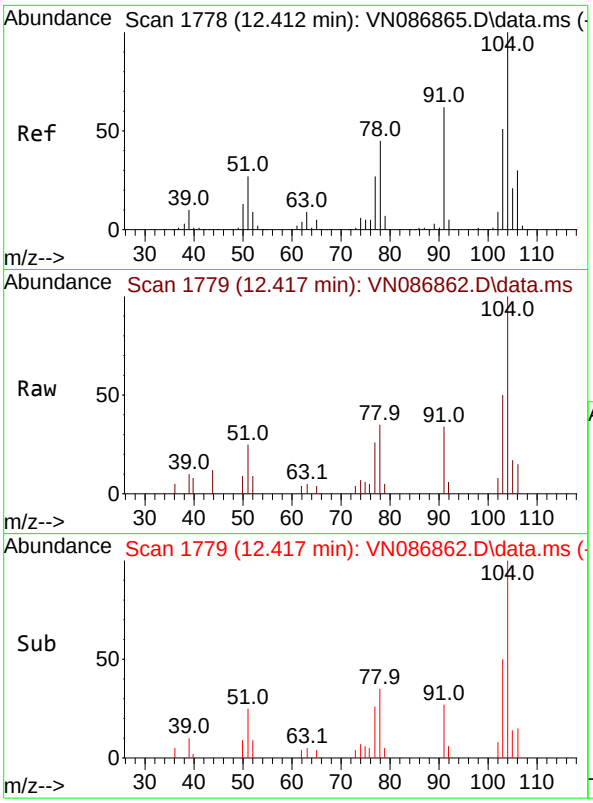


#69
o-Xylene
Concen: 1.025 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:106 Resp: 4970

Ion	Ratio	Lower	Upper
106	100		
91	223.6	106.1	318.1

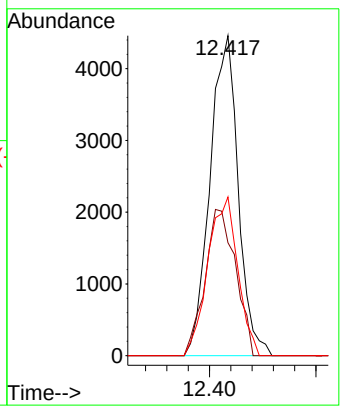




#70
Styrene
Concen: 0.987 ug/l
RT: 12.417 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:104 Resp: 818

Ion	Ratio	Lower	Upper
104	100		
78	49.6	38.5	57.7
103	52.5	43.1	64.7



Instrument :
MSVOA_N
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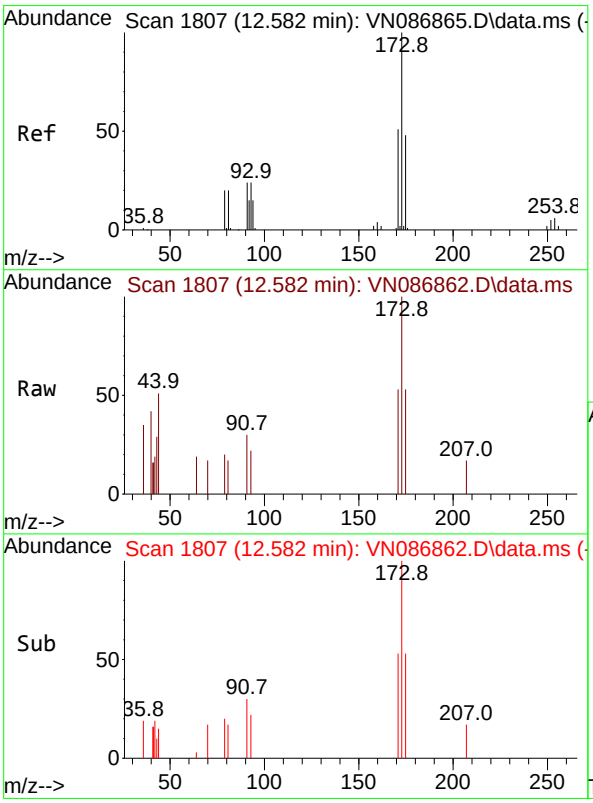
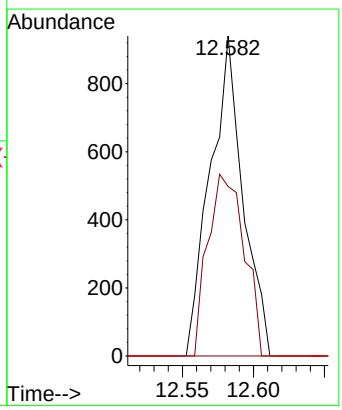
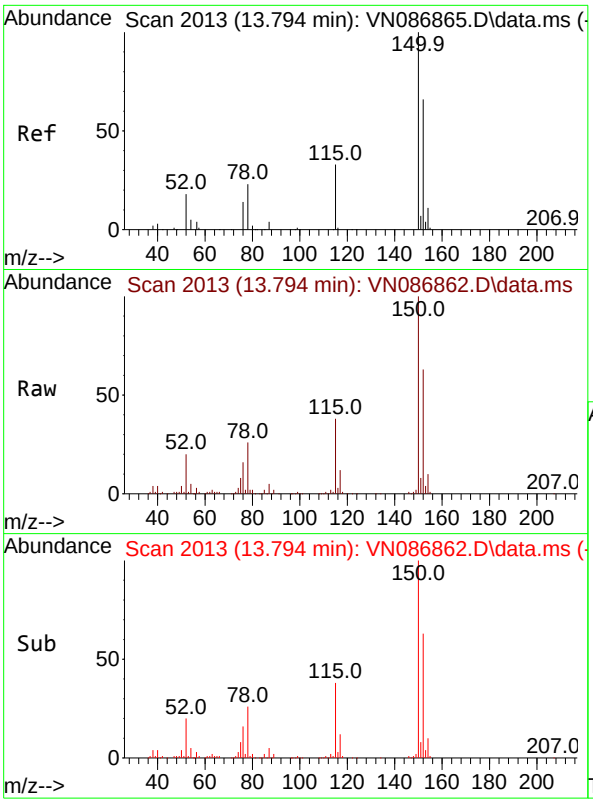


#71
Bromoform
Concen: 0.825 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:173 Resp: 1508

Ion	Ratio	Lower	Upper
173	100		
175	63.1	24.1	72.4
254	0.0	0.0	0.0

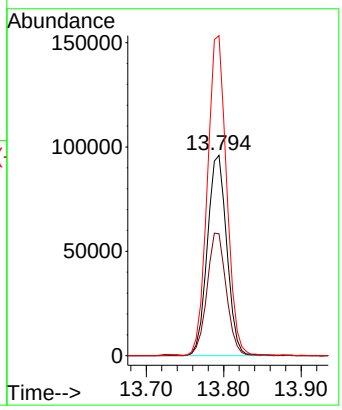




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:152 Resp: 16739

Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.1	90.5
150	158.0	0.0	345.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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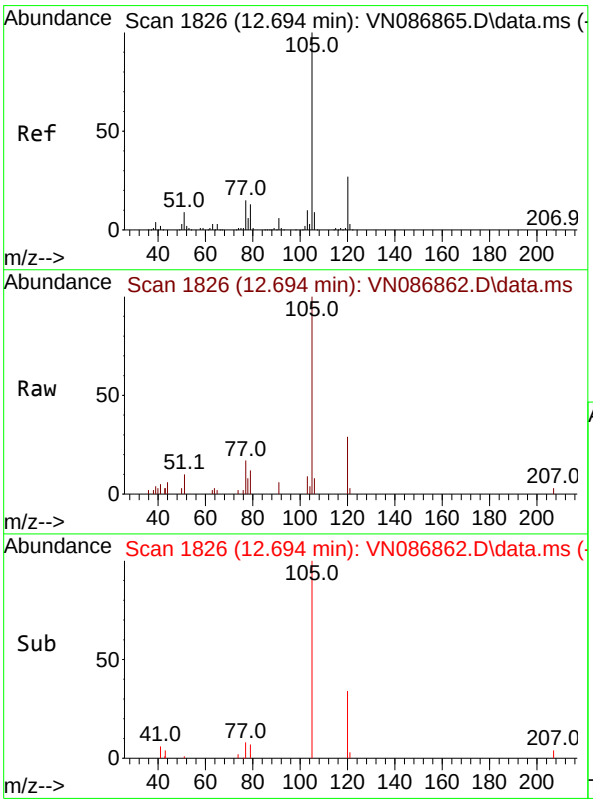
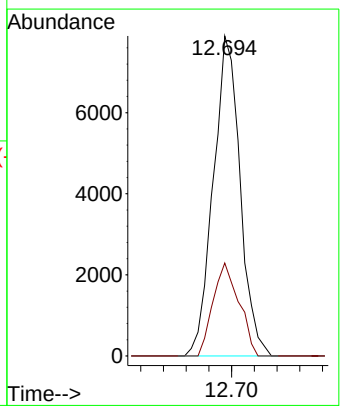
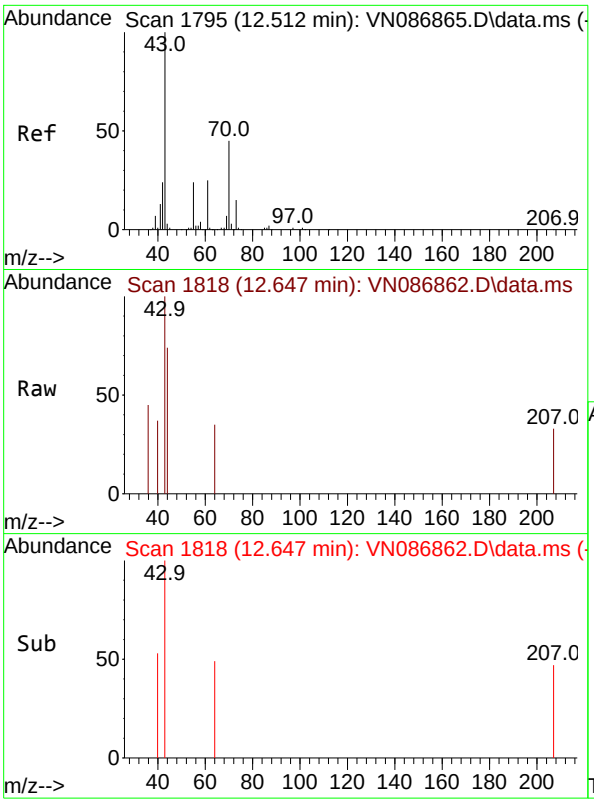


#73
Isopropylbenzene
Concen: 1.061 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:105 Resp: 12938

Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.5	40.4

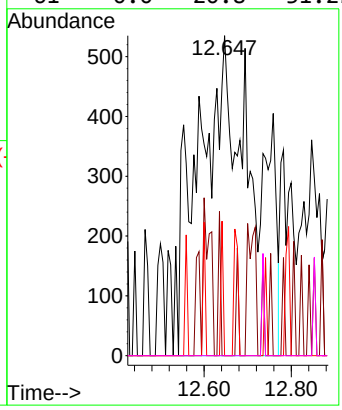




#74
N-amyl acetate
Concen: 1.138 ug/l m
RT: 12.647 min Scan# 1
Delta R.T. 0.135 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 43 Resp: 460

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.6	56.4#
55	0.0	19.0	28.6#
61	0.0	20.8	31.2#



Instrument :
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ClientSampleId :
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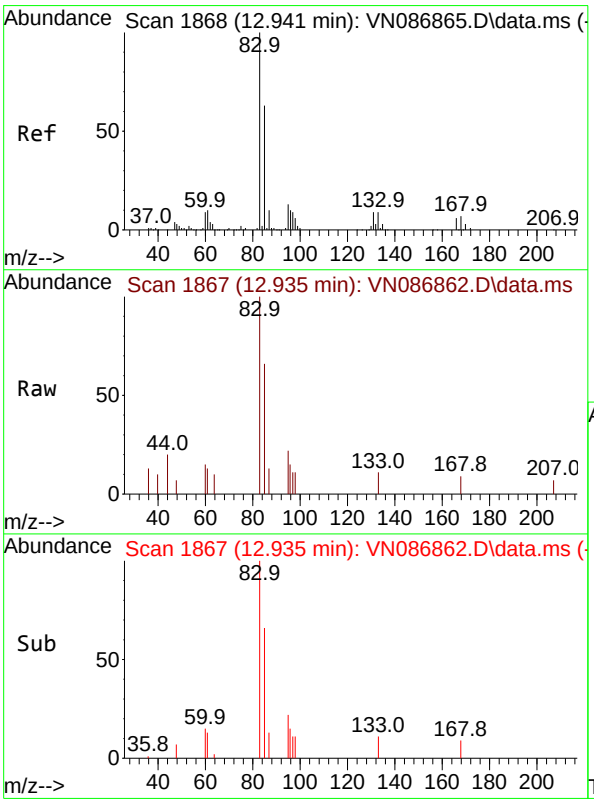
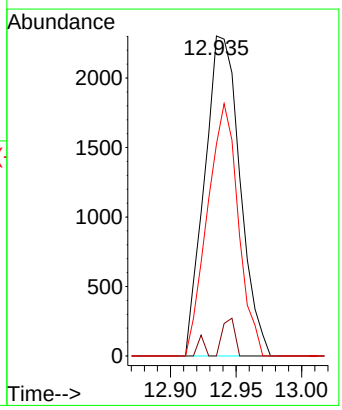
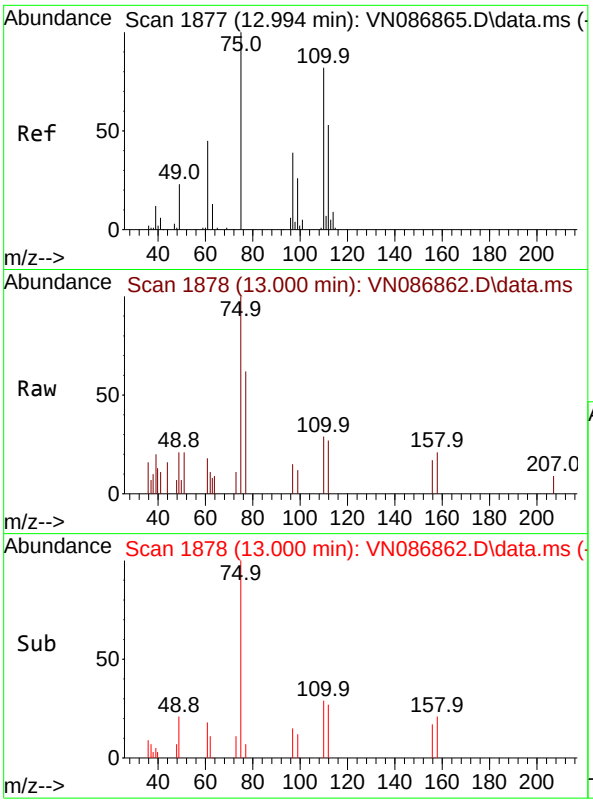


#75
1,1,2,2-Tetrachloroethane
Concen: 1.047 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 83 Resp: 4326

Ion	Ratio	Lower	Upper
83	100		
131	4.1	4.9	14.7#
85	68.6	32.0	96.0

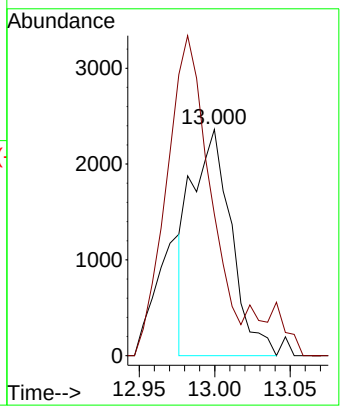




#76
1,2,3-Trichloropropane
Concen: 1.088 ug/l m
RT: 13.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 75 Resp: 434

Ion	Ratio	Lower	Upper
75	100		
77	154.4	79.3	237.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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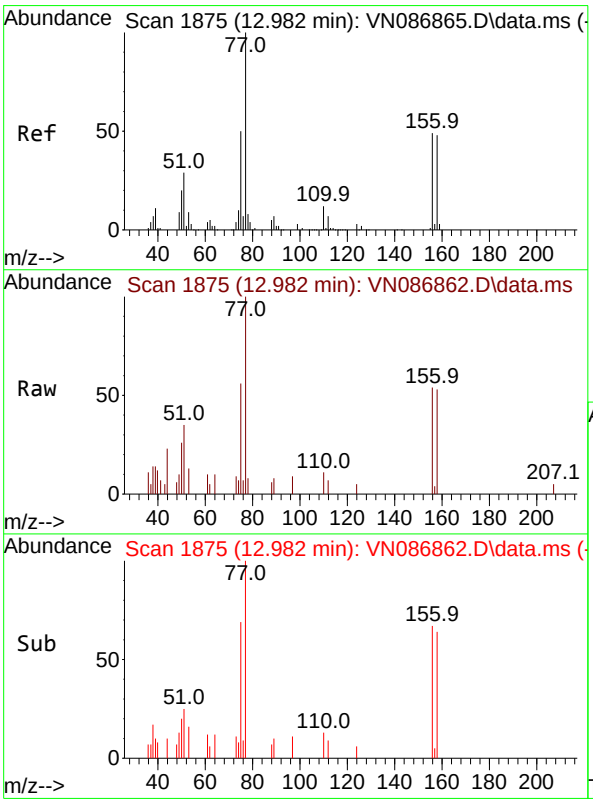
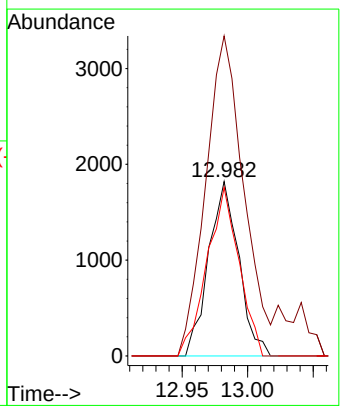
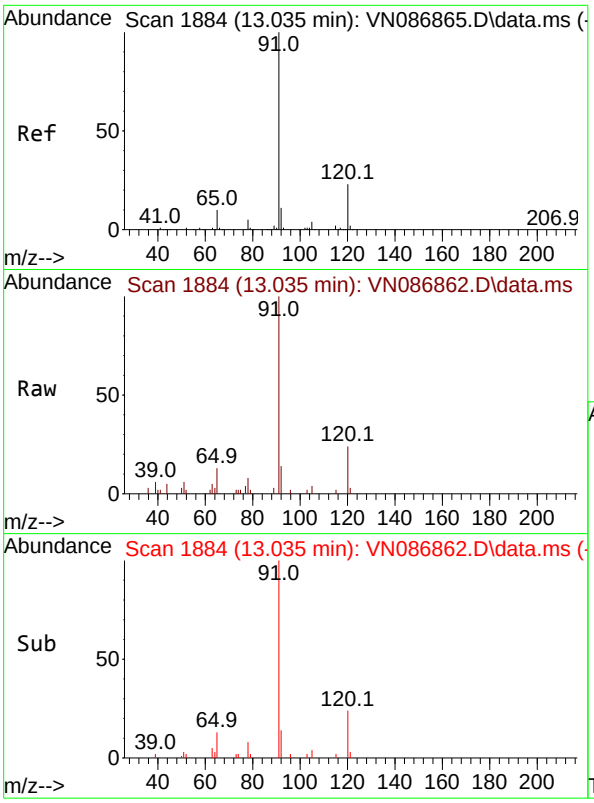


#77
Bromobenzene
Concen: 1.042 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:156 Resp: 2913

Ion	Ratio	Lower	Upper
156	100		
77	230.2	117.7	353.1
158	102.5	48.1	144.4

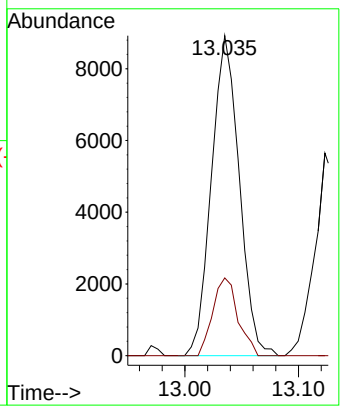




#78
n-propylbenzene
Concen: 1.023 ug/l
RT: 13.035 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 91 Resp: 1516

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.4	34.2



Instrument :
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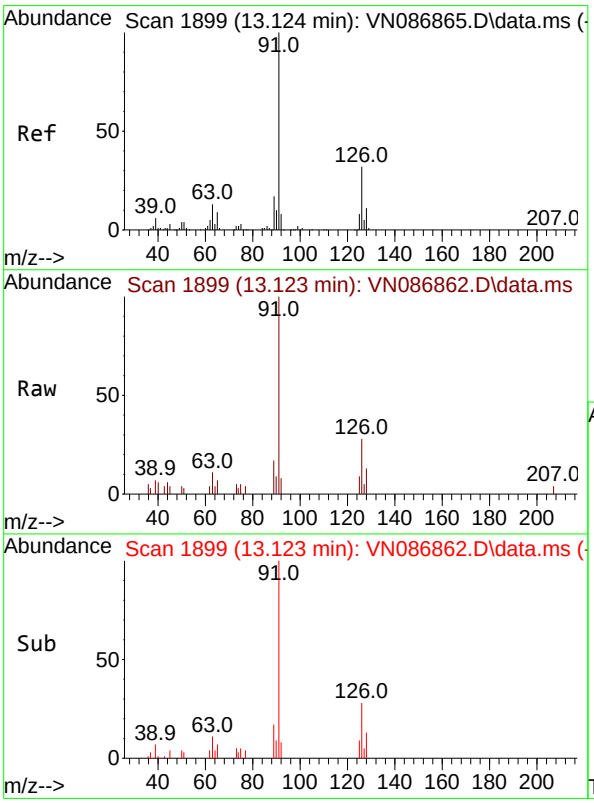
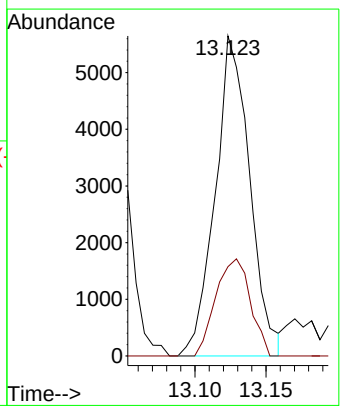
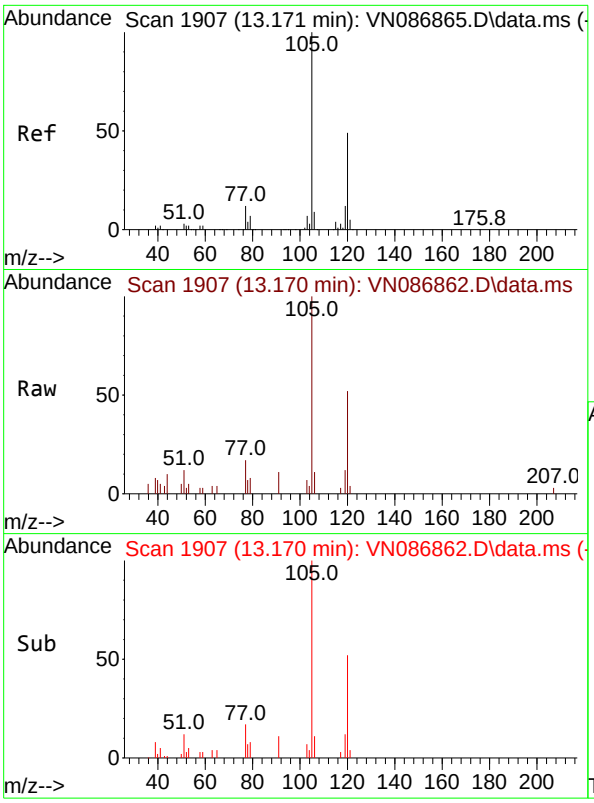


#79
2-Chlorotoluene
Concen: 1.074 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 91 Resp: 9550

Ion	Ratio	Lower	Upper
91	100		
126	30.4	16.2	48.5

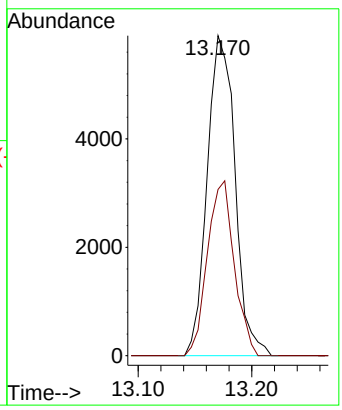




#80
1,3,5-Trimethylbenzene
Concen: 0.999 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:105 Resp: 1005

Ion	Ratio	Lower	Upper
105	100		
120	52.7	24.9	74.6



Instrument :
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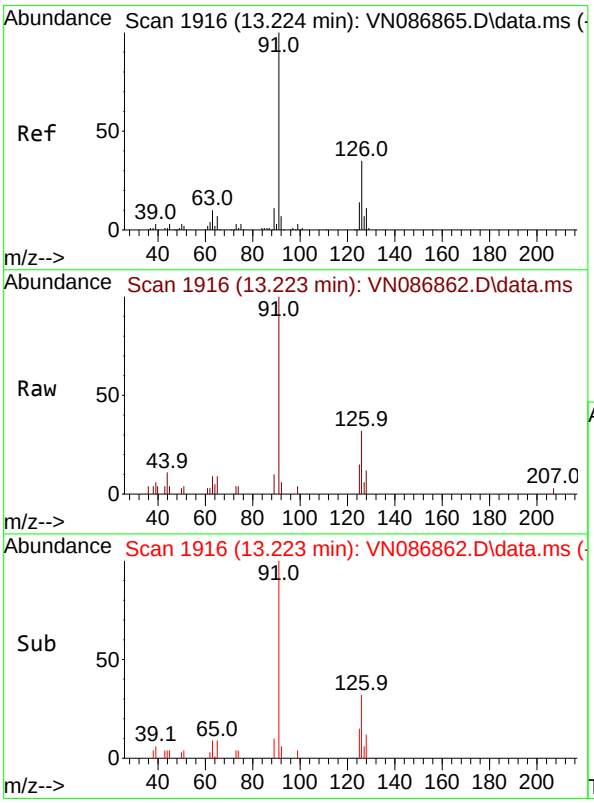
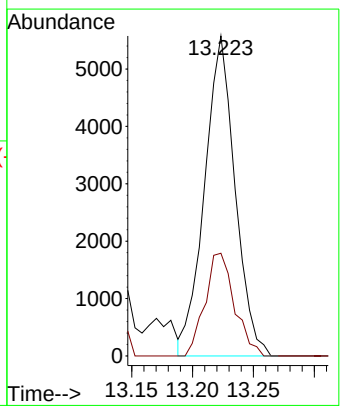
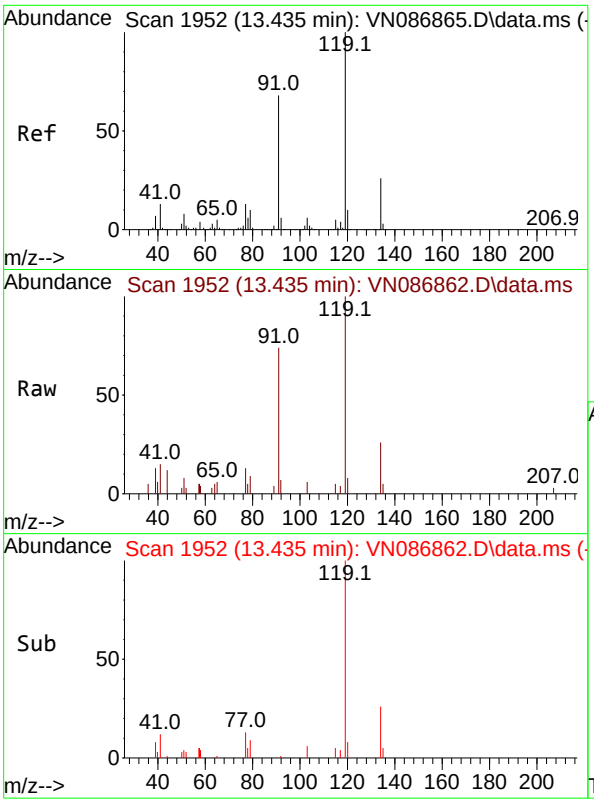


#82
4-Chlorotoluene
Concen: 1.079 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 91 Resp: 9706

Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.7	50.1

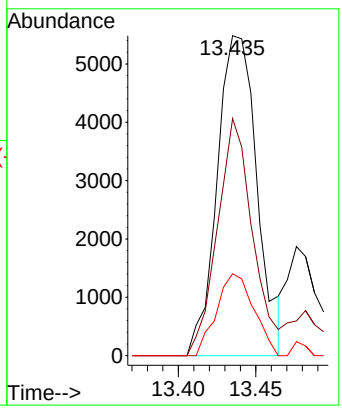




#83
tert-Butylbenzene
Concen: 1.069 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:119 Resp: 984

Ion	Ratio	Lower	Upper
119	100		
91	65.3	32.1	96.5
134	23.9	13.4	40.1



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ClientSampleId :
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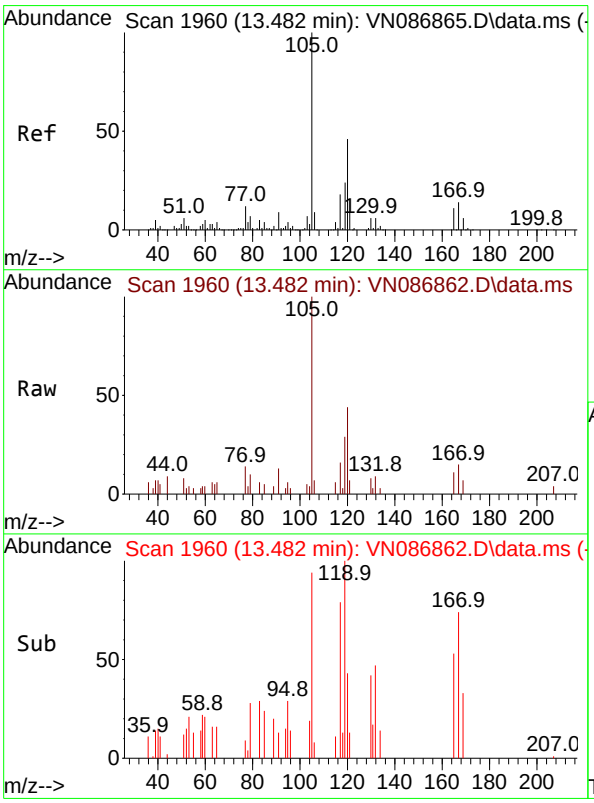
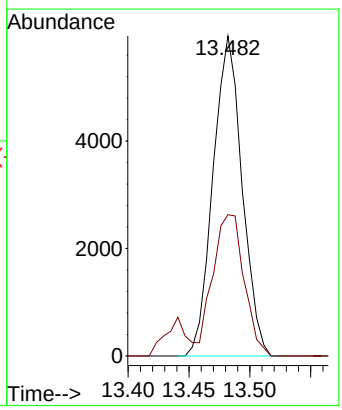
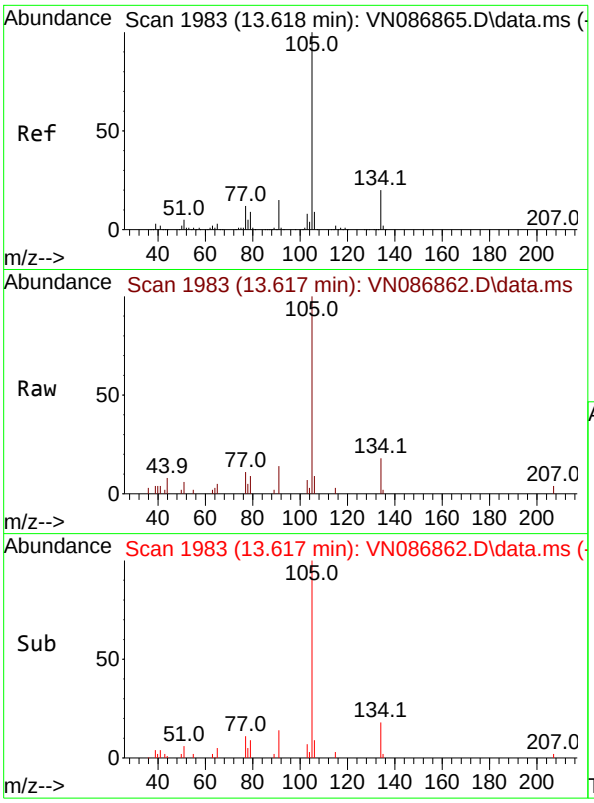


#84
1,2,4-Trimethylbenzene
Concen: 0.979 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:105 Resp: 9882

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.2	69.6

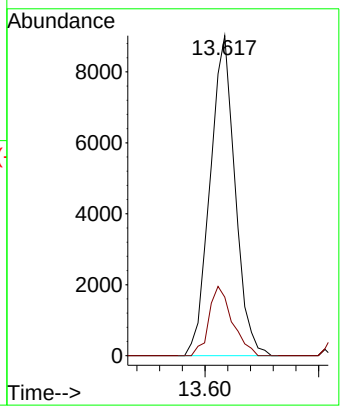




#85
sec-Butylbenzene
Concen: 1.029 ug/l
RT: 13.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:105 Resp: 1377

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0



Instrument :
MSVOA_N
ClientSampleId :
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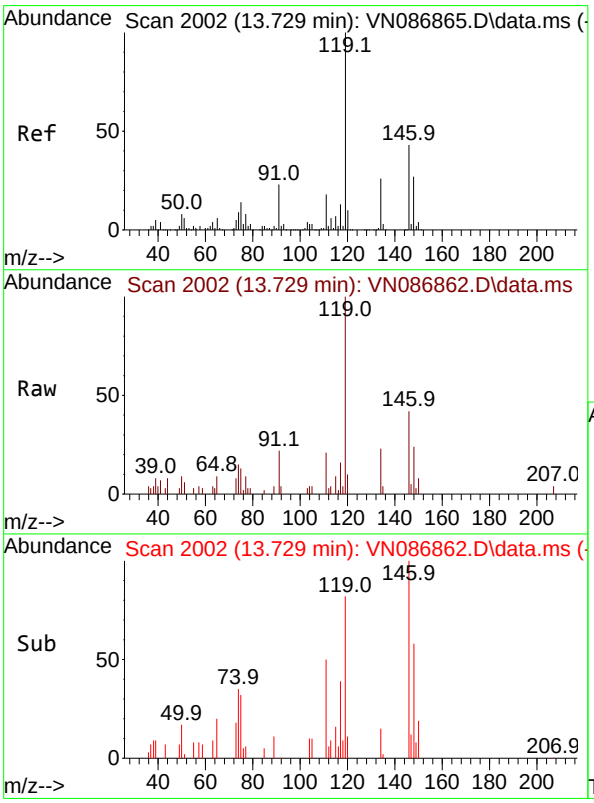
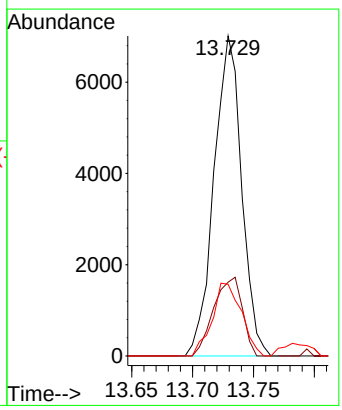
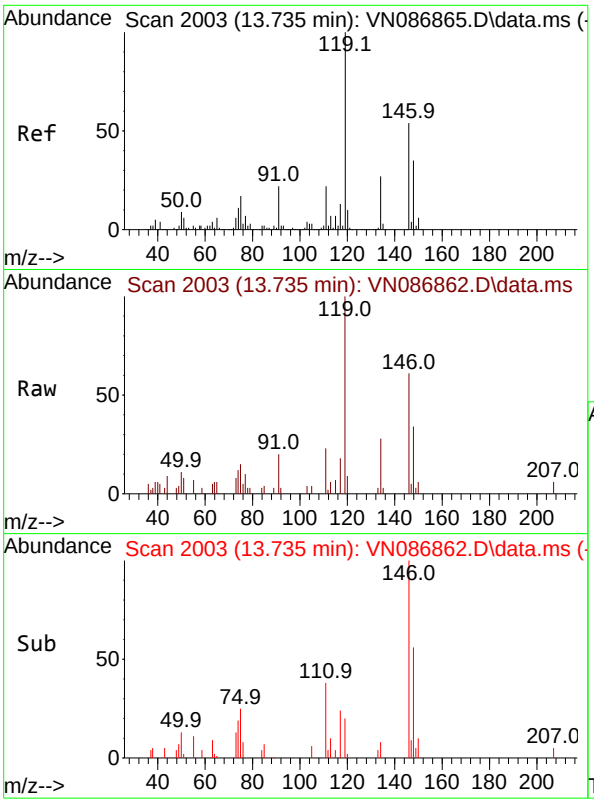


#86
p-Isopropyltoluene
Concen: 1.000 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:119 Resp: 11065

Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.5	40.4
91	24.1	11.5	34.4

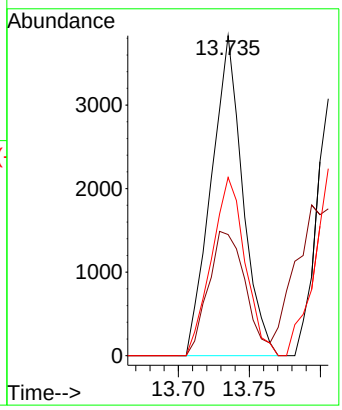




#87
1,3-Dichlorobenzene
Concen: 1.073 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:146 Resp: 590

Ion	Ratio	Lower	Upper
146	100		
111	45.8	20.9	62.8
148	59.7	32.0	96.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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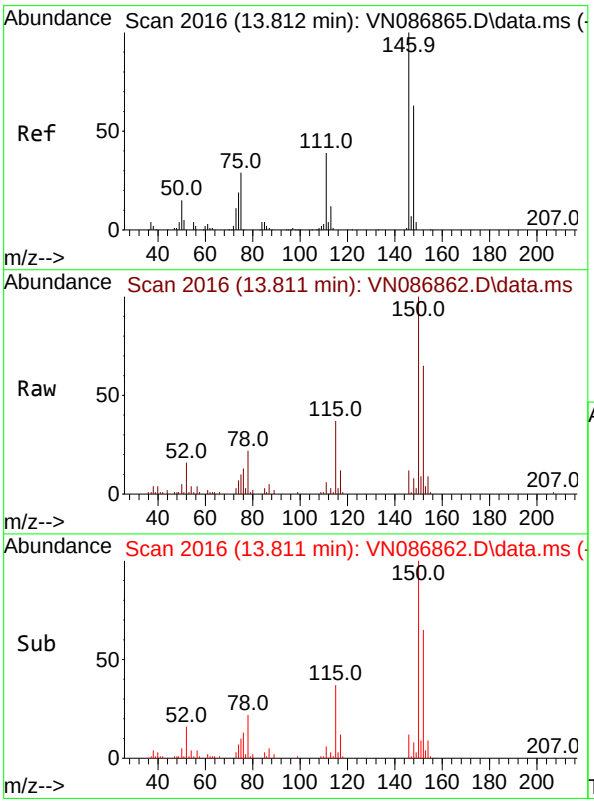
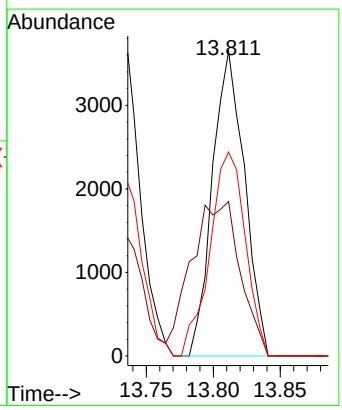
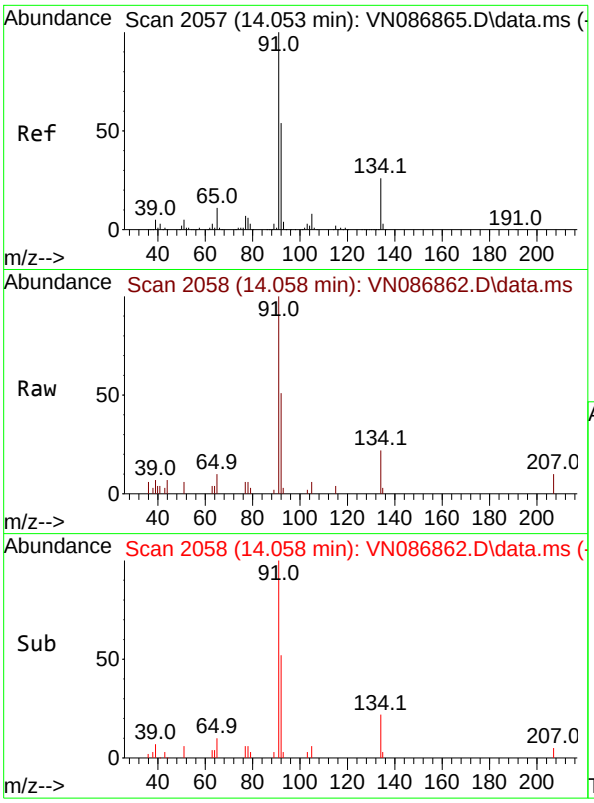


#88
1,4-Dichlorobenzene
Concen: 1.086 ug/l m
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:146 Resp: 6094

Ion	Ratio	Lower	Upper
146	100		
111	44.4	19.9	59.7
148	57.8	31.8	95.4

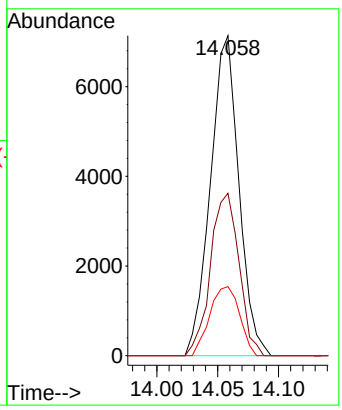




#89
n-Butylbenzene
Concen: 1.085 ug/l
RT: 14.058 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 91 Resp: 1162

Ion	Ratio	Lower	Upper
91	100		
92	50.8	27.5	82.4
134	22.6	13.0	39.0



Instrument :
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ClientSampleId :
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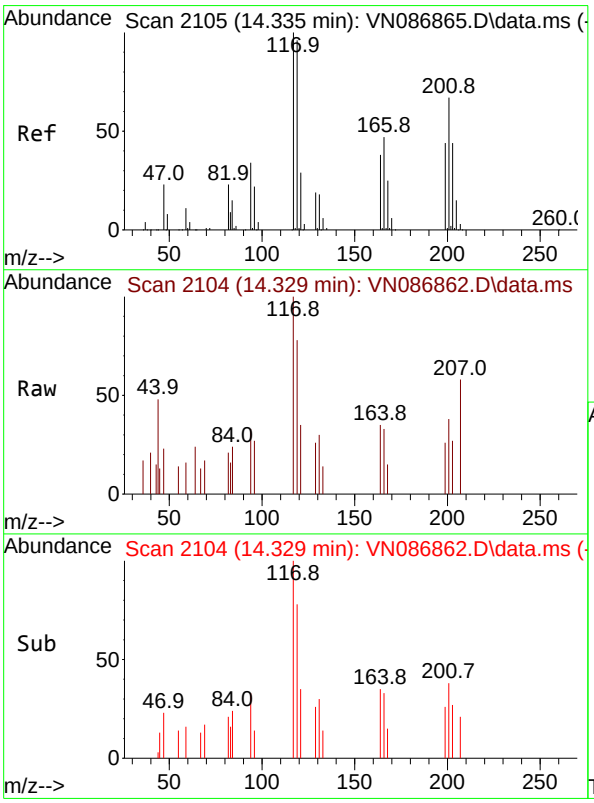
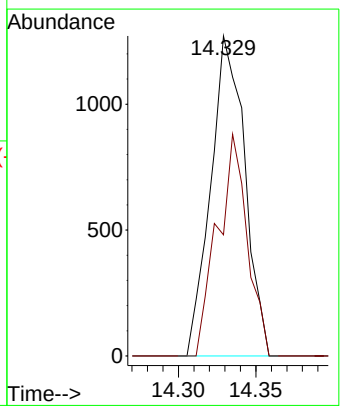
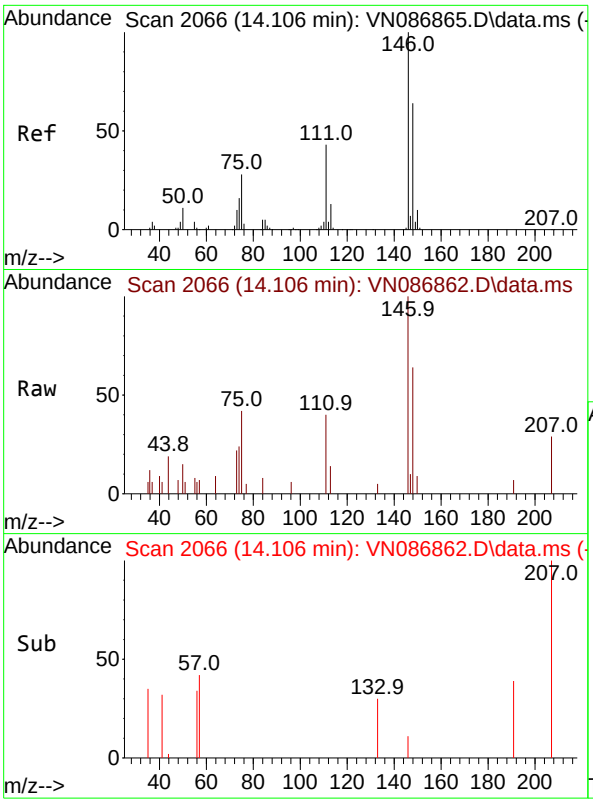


#90
Hexachloroethane
Concen: 1.036 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:117 Resp: 1942

Ion	Ratio	Lower	Upper
117	100		
201	60.6	33.2	99.6

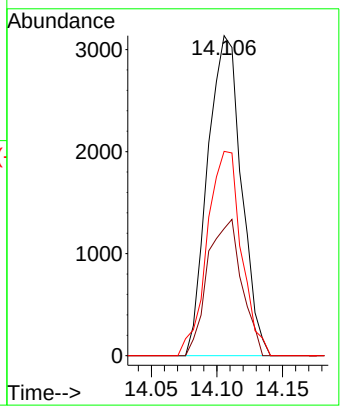




#91
1,2-Dichlorobenzene
Concen: 1.061 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:146 Resp: 560

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	64.6
148	64.7	31.7	95.1



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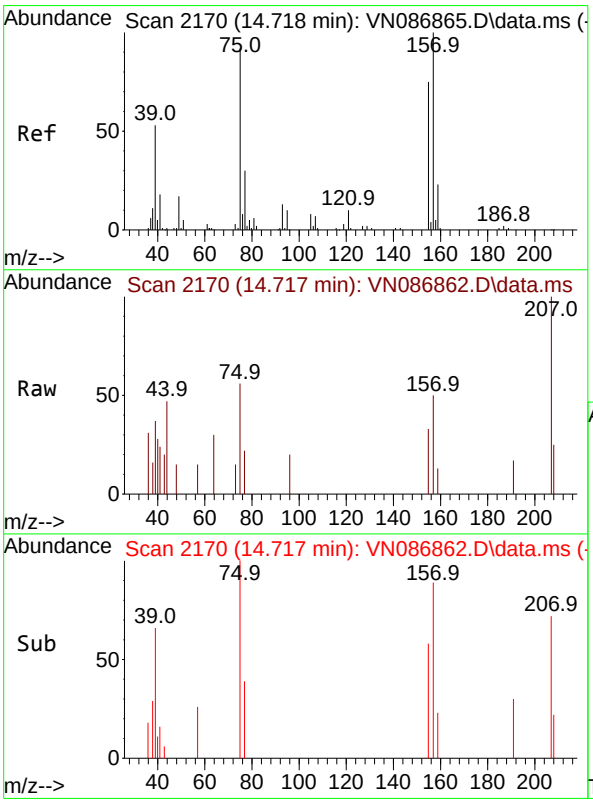
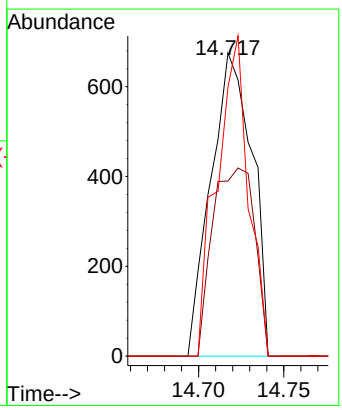
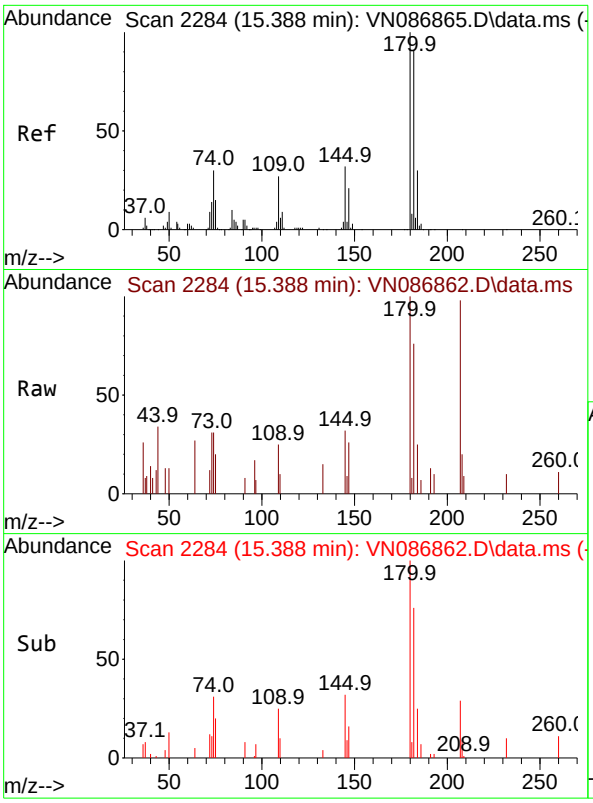


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.150 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 75 Resp: 1136

Ion	Ratio	Lower	Upper
75	100		
155	63.6	41.1	123.4
157	81.0	52.7	158.1

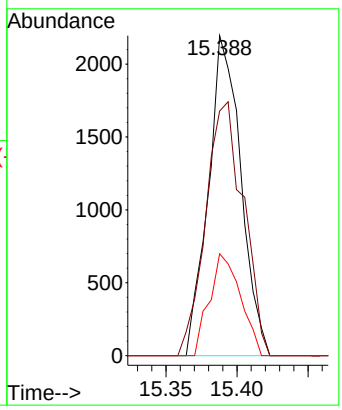




#93
1,2,4-Trichlorobenzene
Concen: 1.034 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:180 Resp: 348

Ion	Ratio	Lower	Upper
180	100		
182	92.1	46.9	140.7
145	30.4	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
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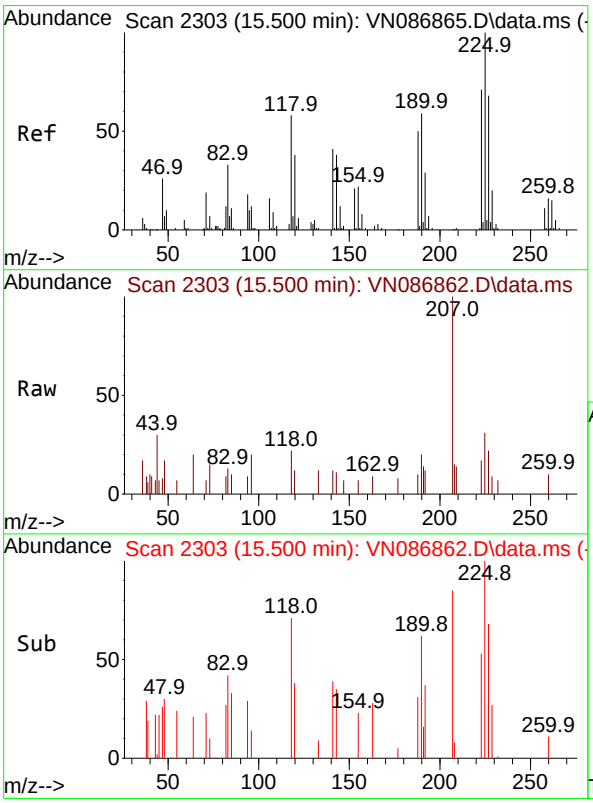
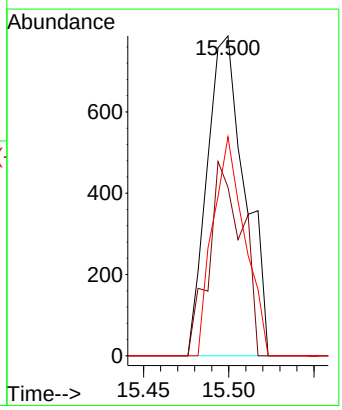
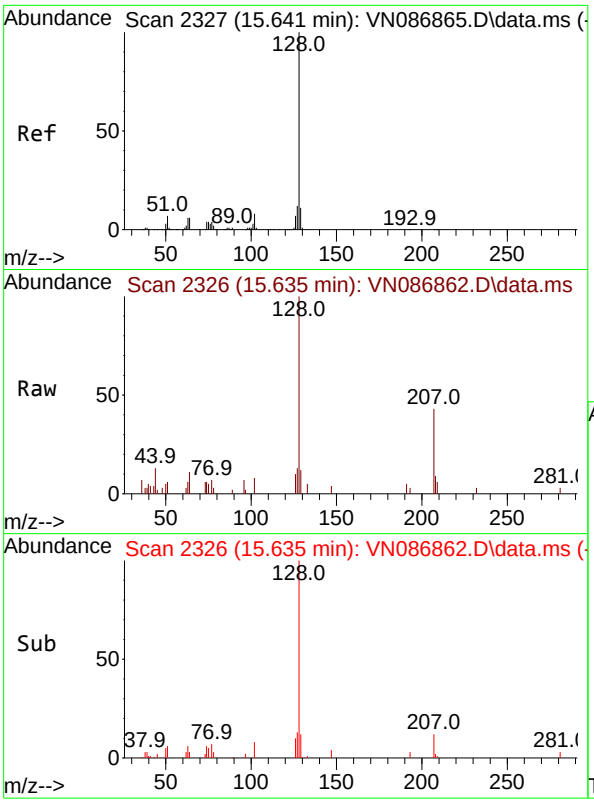


#94
Hexachlorobutadiene
Concen: 0.969 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:225 Resp: 1219

Ion	Ratio	Lower	Upper
225	100		
223	53.6	33.5	100.4
227	57.5	31.1	93.5

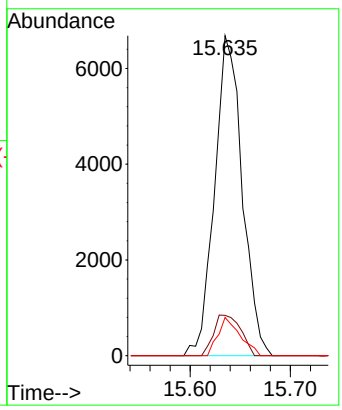




#95
Naphthalene
Concen: 1.018 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:128 Resp: 1278

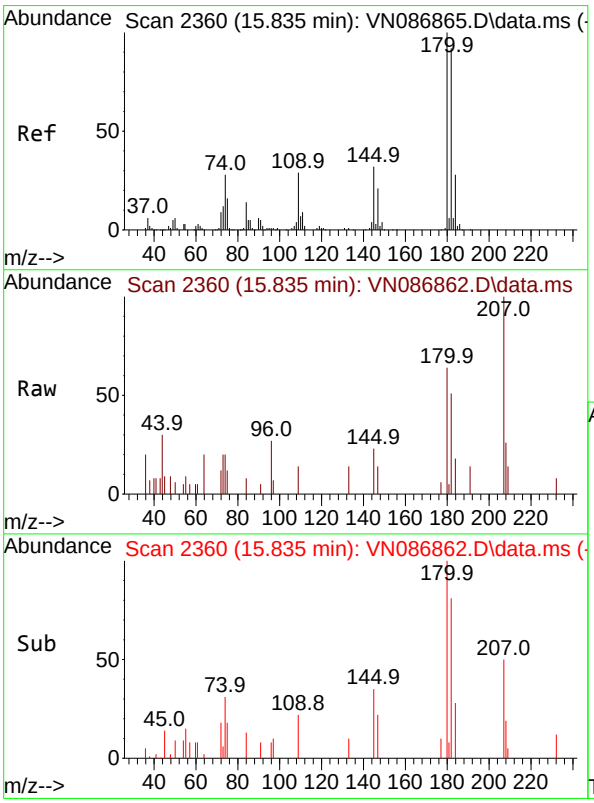
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	9.5	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

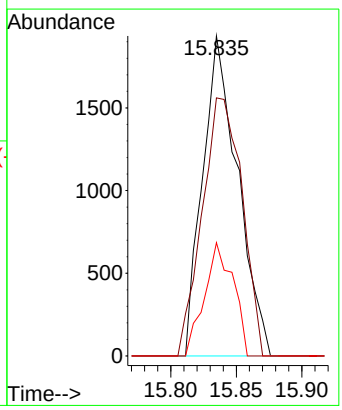
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 1.072 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:180 Resp: 3594

Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.0	141.0
145	29.0	16.6	49.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	229701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	423980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	371851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	16818	5.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.940%#		
35) Dibromofluoromethane	8.177	113	12867	5.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.240%#		
50) Toluene-d8	10.571	98	52794	5.308	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.620%#		
62) 4-Bromofluorobenzene	12.847	95	18697	5.059	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.120%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	10196	4.452	ug/l	93
3) Chloromethane	2.395	50	15025	5.080	ug/l	98
4) Vinyl Chloride	2.554	62	15384	5.043	ug/l	97
5) Bromomethane	2.989	94	8606	5.041	ug/l	97
6) Chloroethane	3.154	64	10190	5.171	ug/l	96
7) Trichlorofluoromethane	3.518	101	20740	5.203	ug/l	99
8) Diethyl Ether	3.971	74	9121	5.252	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.401	101	13034	5.205	ug/l	97
10) Methyl Iodide	4.606	142	16530	5.092	ug/l	98
11) Tert butyl alcohol	5.542	59	22000	26.363	ug/l	99
12) 1,1-Dichloroethene	4.359	96	13610	5.323	ug/l	94
13) Acrolein	4.195	56	8401	31.804	ug/l	99
14) Allyl chloride	5.042	41	20925	4.935	ug/l	99
15) Acrylonitrile	5.736	53	49826	25.545	ug/l	99
16) Acetone	4.448	43	41981	25.741	ug/l	99
17) Carbon Disulfide	4.736	76	37246	5.267	ug/l	97
18) Methyl Acetate	5.048	43	24096	5.070	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	46823	5.058	ug/l	95
20) Methylene Chloride	5.300	84	15809	5.178	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	15480	5.442	ug/l #	81
22) Diisopropyl ether	6.689	45	46396	5.191	ug/l	99
23) Vinyl Acetate	6.618	43	194334	25.735	ug/l	100
24) 1,1-Dichloroethane	6.583	63	26473	5.147	ug/l	99
25) 2-Butanone	7.494	43	68629	25.888	ug/l	99
26) 2,2-Dichloropropane	7.500	77	18288	4.571	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	17594	5.172	ug/l	98
28) Bromochloromethane	7.830	49	12958	5.124	ug/l #	97
29) Tetrahydrofuran	7.853	42	44749	25.912	ug/l	98
30) Chloroform	7.977	83	26450	5.149	ug/l	95
31) Cyclohexane	8.271	56	29938	6.002	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	22857	5.232	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	19410	5.184	ug/l	98
37) Ethyl Acetate	7.571	43	26073	5.470	ug/l	97
38) Carbon Tetrachloride	8.371	117	19056	5.184	ug/l	99
39) Methylcyclohexane	9.606	83	27353	5.333	ug/l	95
40) Benzene	8.612	78	63646	5.199	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	13518	5.050	ug/l		99
42) 1,2-Dichloroethane	8.683	62	19329	5.205	ug/l		98
43) Isopropyl Acetate	8.700	43	40268	5.264	ug/l		98
44) Trichloroethene	9.359	130	15245	5.251	ug/l		96
45) 1,2-Dichloropropane	9.624	63	15632	5.248	ug/l		99
46) Dibromomethane	9.718	93	10241	5.176	ug/l		99
47) Bromodichloromethane	9.888	83	20512	5.039	ug/l		97
48) Methyl methacrylate	9.688	41	17591	4.996	ug/l		94
49) 1,4-Dioxane	9.700	88	6141	95.874	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.447	43	116434	25.283	ug/l		97
52) Toluene	10.630	92	38744	5.178	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	22285	4.896	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	24477	5.026	ug/l		93
55) 1,1,2-Trichloroethane	11.018	97	15068	5.234	ug/l		97
56) Ethyl methacrylate	10.888	69	21893	4.774	ug/l		95
57) 1,3-Dichloropropane	11.165	76	25452	5.096	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	64722	23.664	ug/l		98
59) 2-Hexanone	11.212	43	59884	20.188	ug/l		99
60) Dibromochloromethane	11.359	129	14884	4.962	ug/l		98
61) 1,2-Dibromoethane	11.471	107	15172	5.141	ug/l		99
64) Tetrachloroethene	11.106	164	12322	5.236	ug/l		92
65) Chlorobenzene	11.894	112	42195	5.145	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	13897	5.271	ug/l		97
67) Ethyl Benzene	11.965	91	73443	5.199	ug/l		97
68) m/p-Xylenes	12.071	106	55859	10.330	ug/l		100
69) o-Xylene	12.400	106	26004	5.021	ug/l		96
70) Styrene	12.412	104	44380	5.008	ug/l		98
71) Bromoform	12.582	173	9890	5.063	ug/l	#	96
73) Isopropylbenzene	12.694	105	67878	5.146	ug/l		100
74) N-amyl acetate	12.559	43	20096m	4.590	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	23516	5.262	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	21527m	4.986	ug/l		
77) Bromobenzene	12.976	156	15485	5.119	ug/l		92
78) n-propylbenzene	13.035	91	83781	5.226	ug/l		99
79) 2-Chlorotoluene	13.124	91	49297	5.128	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	55961	5.139	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	9234	4.939	ug/l		94
82) 4-Chlorotoluene	13.223	91	49924	5.132	ug/l		100
83) tert-Butylbenzene	13.435	119	50874	5.103	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	56525	5.176	ug/l		100
85) sec-Butylbenzene	13.618	105	74711	5.161	ug/l		99
86) p-Isopropyltoluene	13.729	119	62016	5.182	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	30949	5.200	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	32342	5.330	ug/l		96
89) n-Butylbenzene	14.053	91	59601	5.142	ug/l		99
90) Hexachloroethane	14.335	117	9725	4.794	ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	29897	5.228	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5731	5.363	ug/l		93
93) 1,2,4-Trichlorobenzene	15.394	180	18778	5.143	ug/l		99
94) Hexachlorobutadiene	15.500	225	7072	5.199	ug/l		99
95) Naphthalene	15.641	128	67481	4.965	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	18262	5.034	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

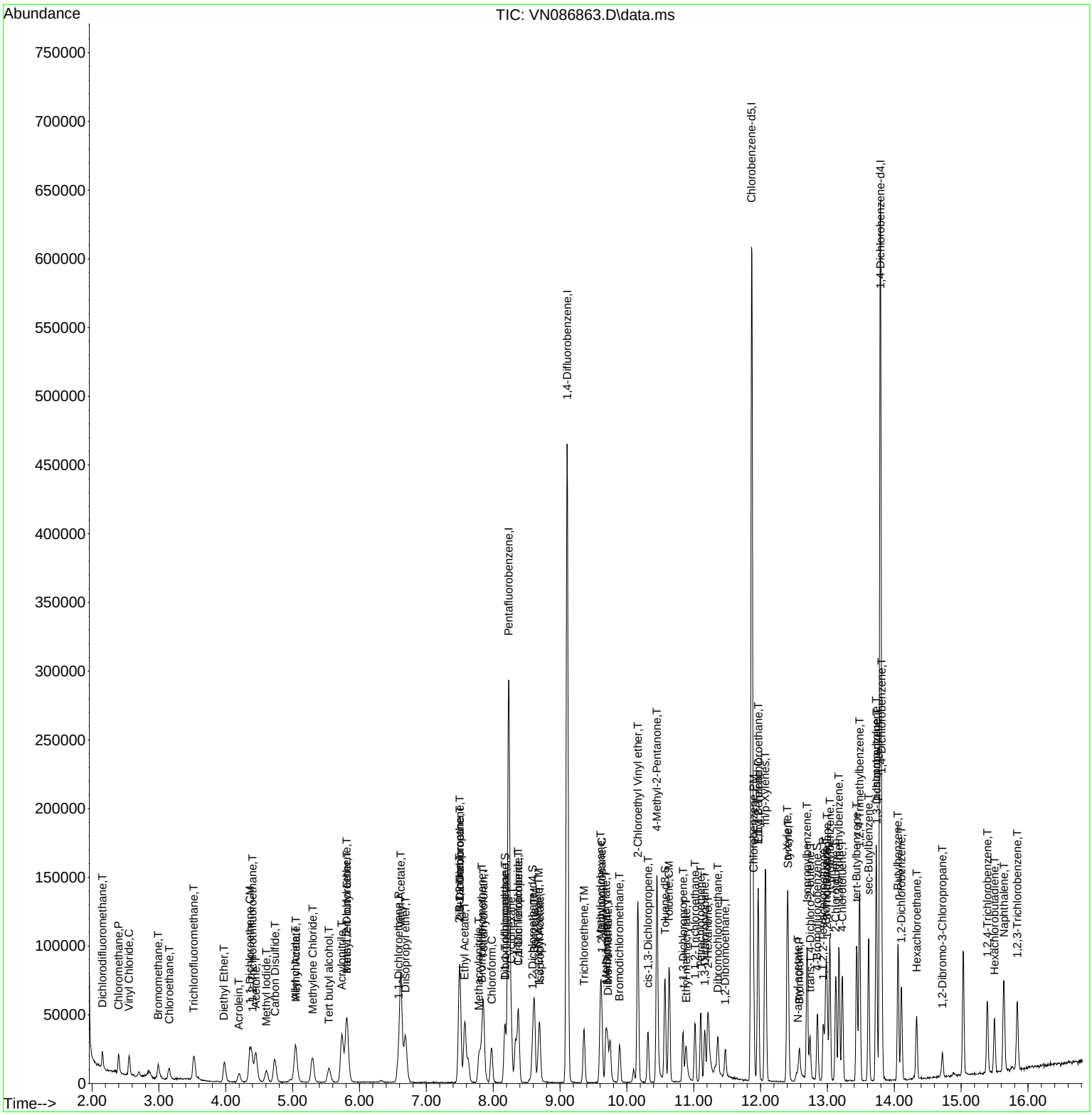
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

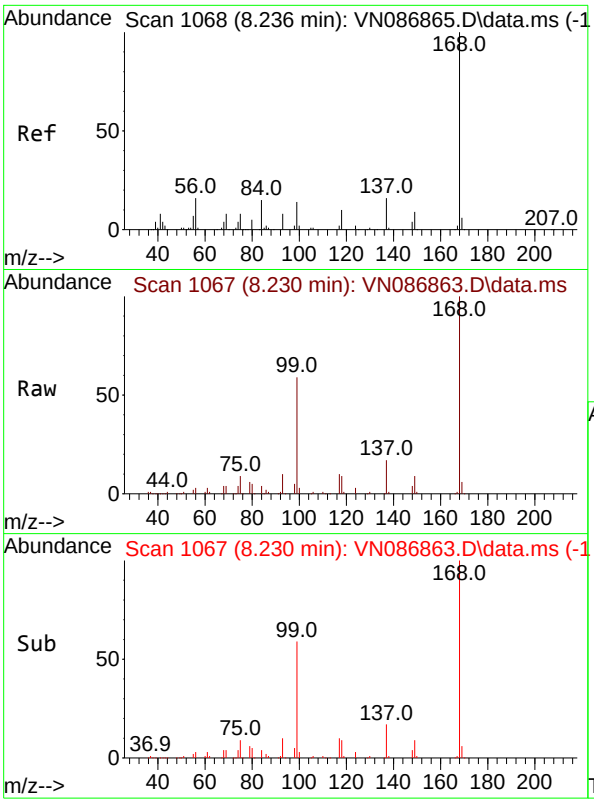
Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

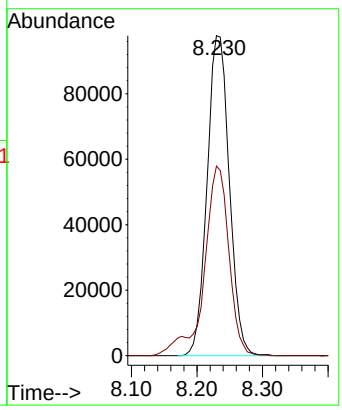




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:168 Resp: 22970

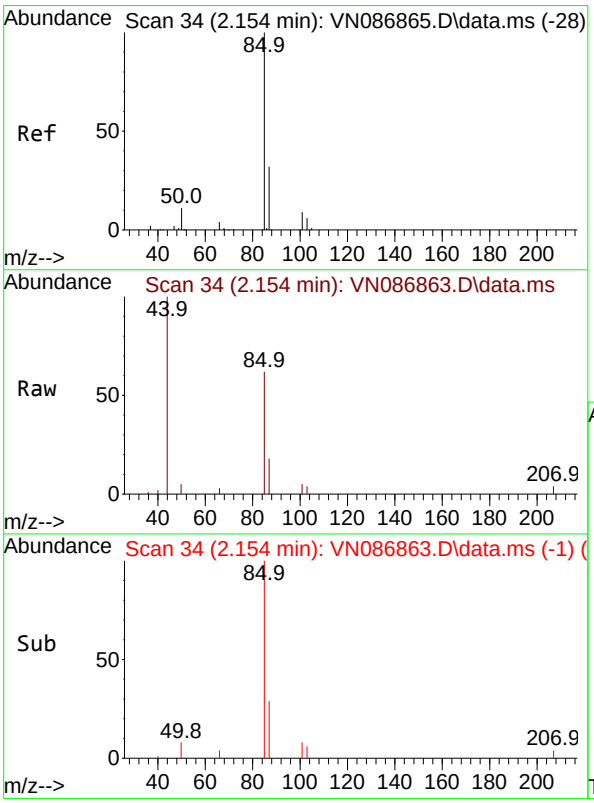
Ion	Ratio	Lower	Upper
168	100		
99	59.2	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

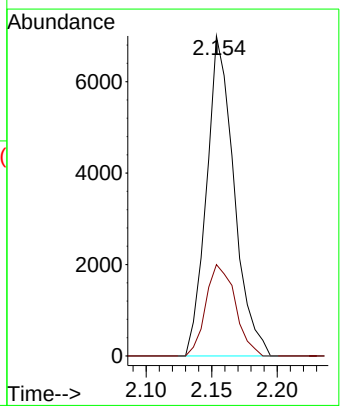
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

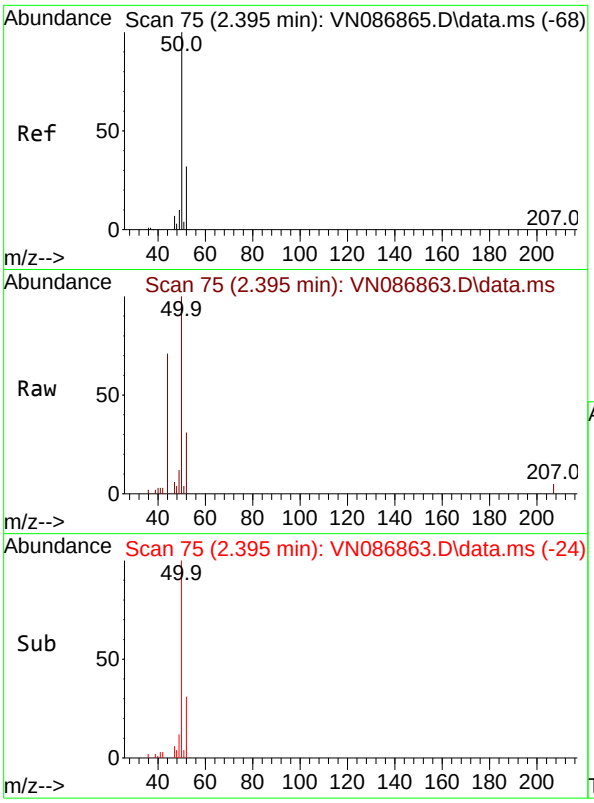


#2
Dichlorodifluoromethane
Concen: 4.452 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 85 Resp: 10196

Ion	Ratio	Lower	Upper
85	100		
87	28.6	16.2	48.6

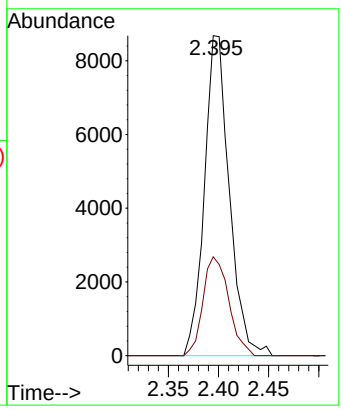




#3
Chloromethane
Concen: 5.080 ug/l
RT: 2.395 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 50 Resp: 1502

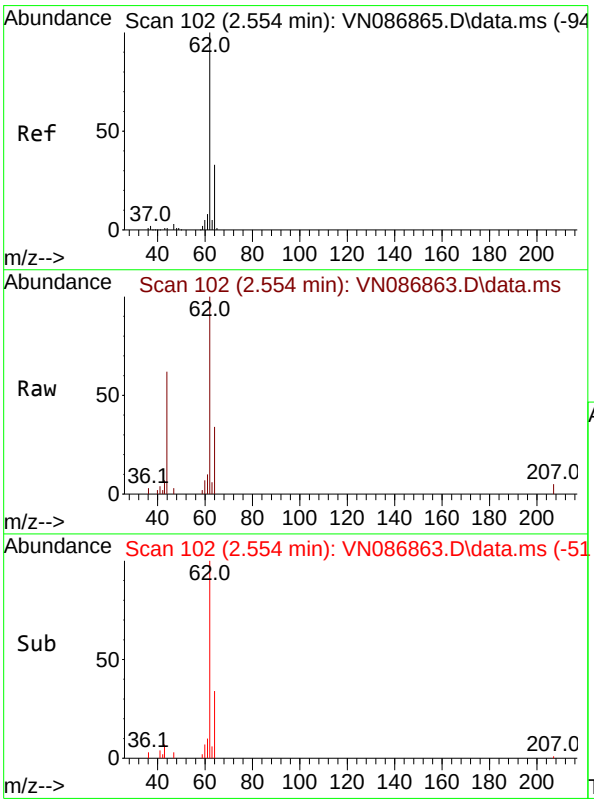
Ion	Ratio	Lower	Upper
50	100		
52	30.9	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

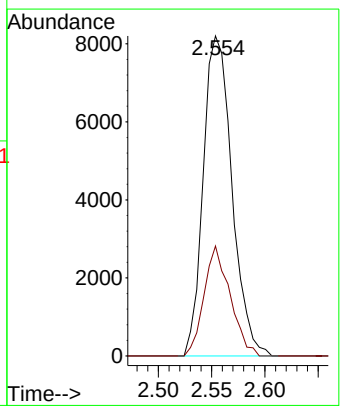
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

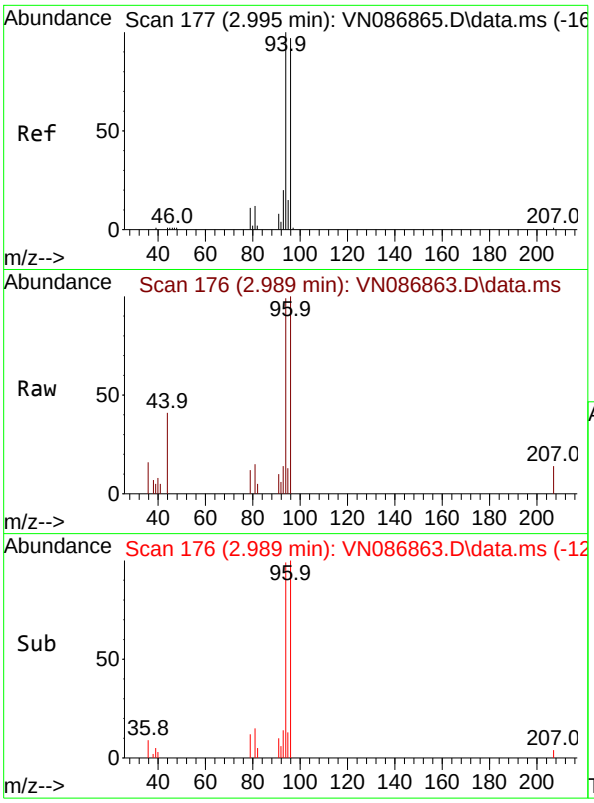


#4
Vinyl Chloride
Concen: 5.043 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 62 Resp: 15384

Ion	Ratio	Lower	Upper
62	100		
64	34.3	26.0	39.0

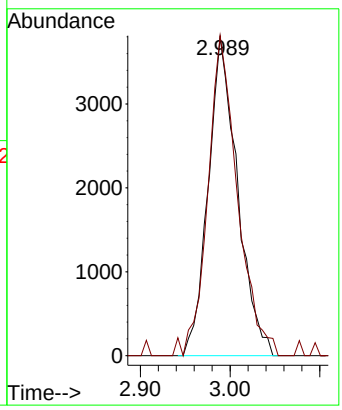




#5
Bromomethane
Concen: 5.041 ug/l
RT: 2.989 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 94 Resp: 860

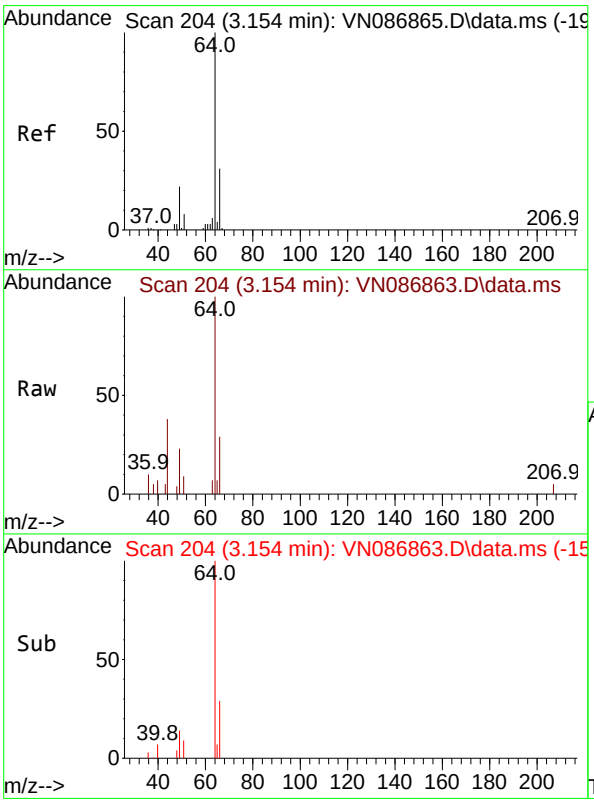
Ion	Ratio	Lower	Upper
94	100		
96	100.6	77.9	116.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

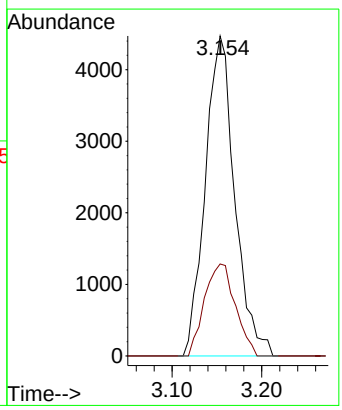
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

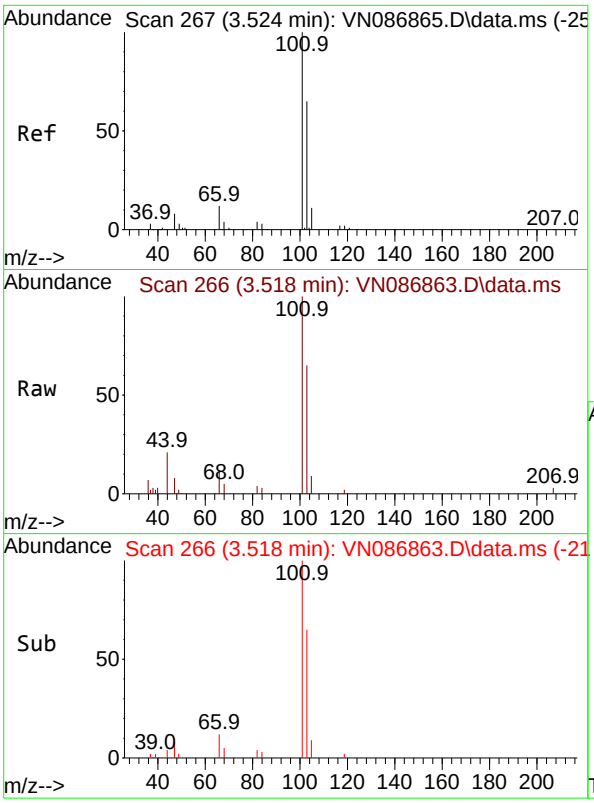


#6
Chloroethane
Concen: 5.171 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 64 Resp: 10190

Ion	Ratio	Lower	Upper
64	100		
66	28.8	24.6	36.8

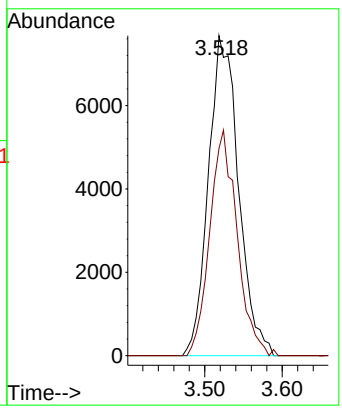




#7
Trichlorofluoromethane
Concen: 5.203 ug/l
RT: 3.518 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:101 Resp: 2074

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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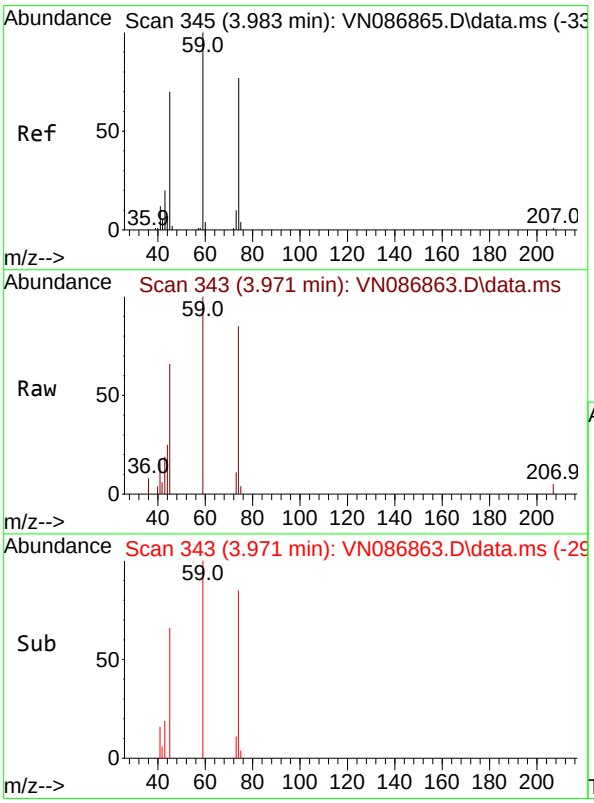
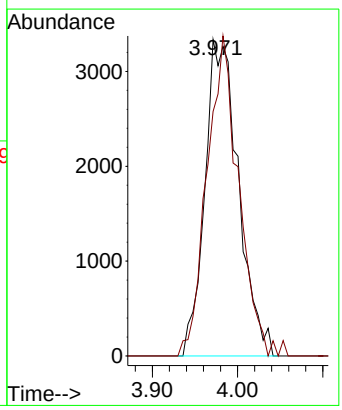
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

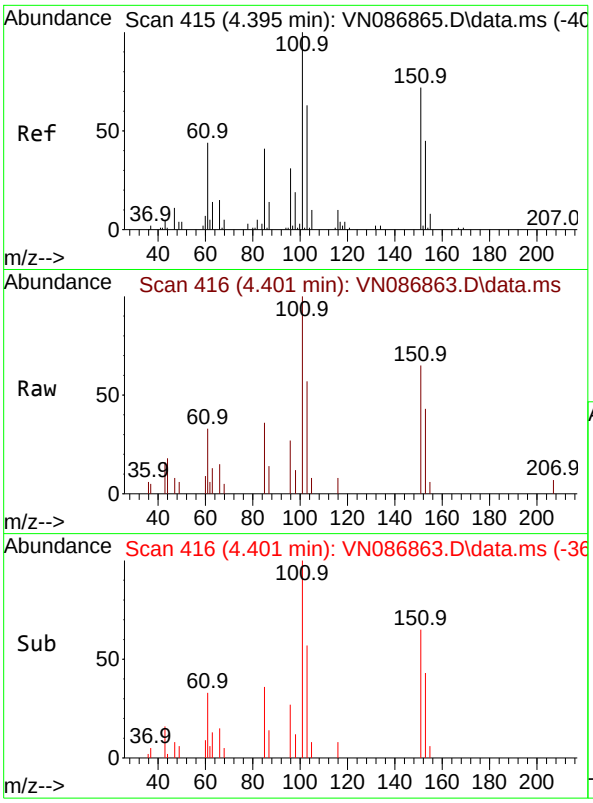


#8
Diethyl Ether
Concen: 5.252 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.012 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 74 Resp: 9121

Ion	Ratio	Lower	Upper
74	100		
45	95.8	45.5	136.5

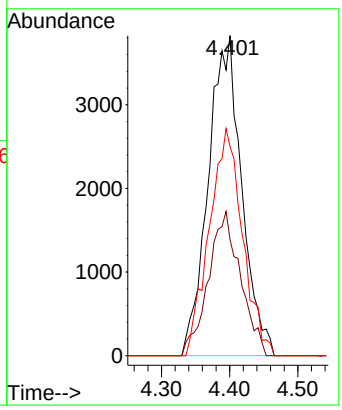




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.205 ug/l
RT: 4.401 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:101 Resp: 1303

Ion	Ratio	Lower	Upper
101	100		
85	43.3	33.8	50.8
151	70.8	58.7	88.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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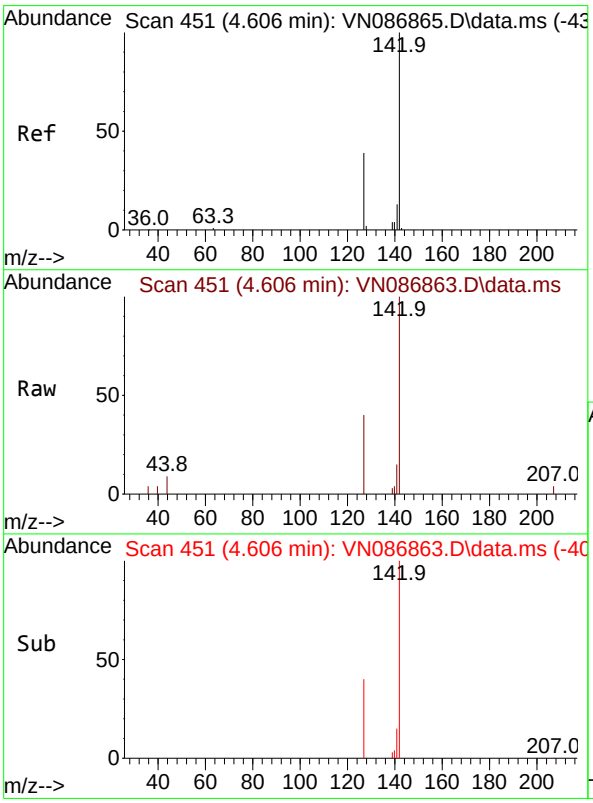
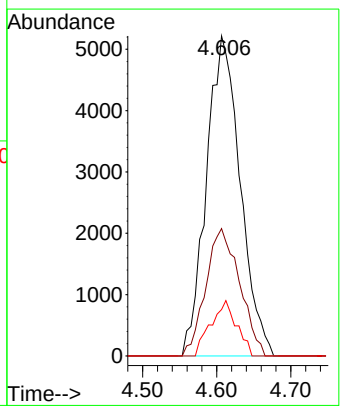
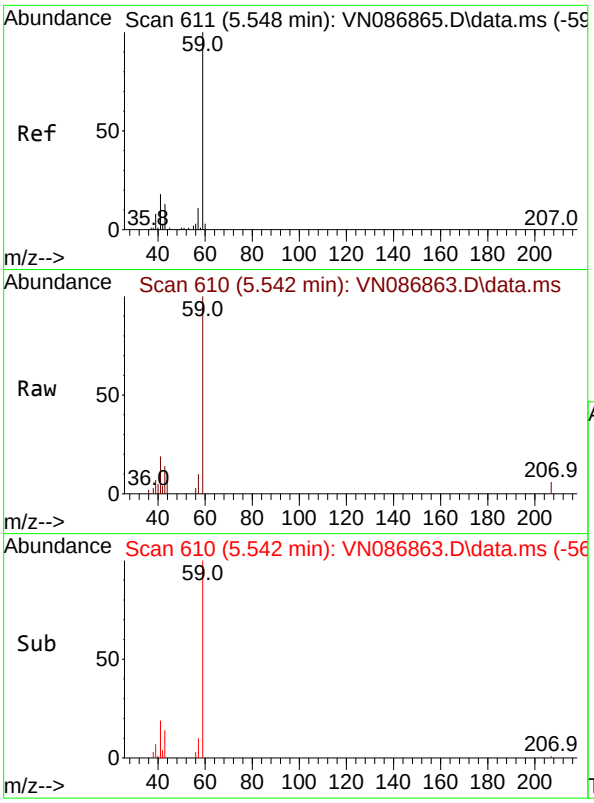


#10
Methyl Iodide
Concen: 5.092 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:142 Resp: 16530

Ion	Ratio	Lower	Upper
142	100		
127	39.8	30.9	46.3
141	14.5	10.4	15.6

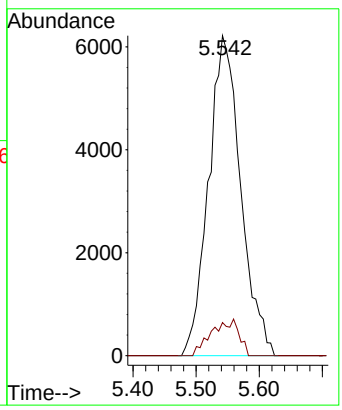




#11
Tert butyl alcohol
Concen: 26.363 ug/l
RT: 5.542 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 59 Resp: 2200

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.1	12.1



Instrument :
MSVOA_N
ClientSampleId :
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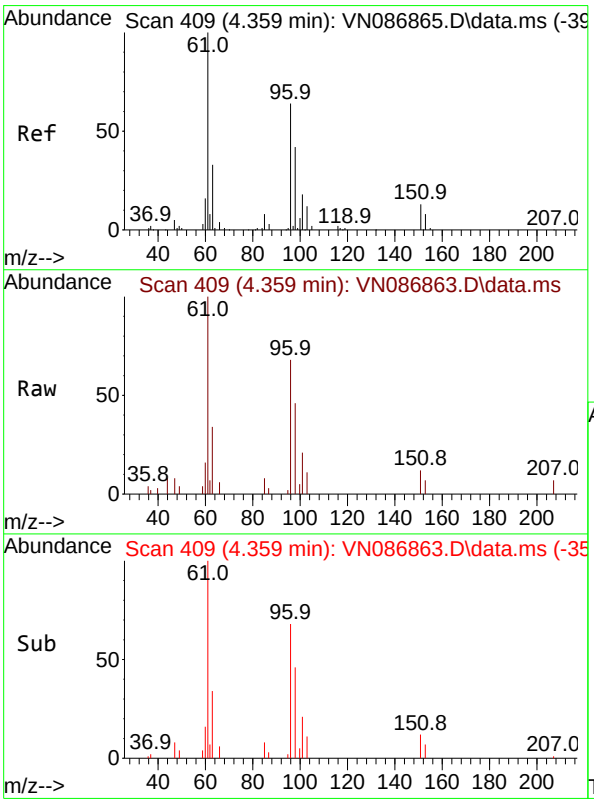
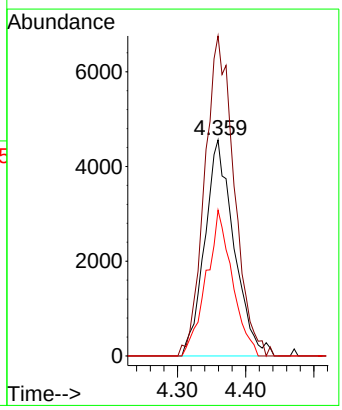
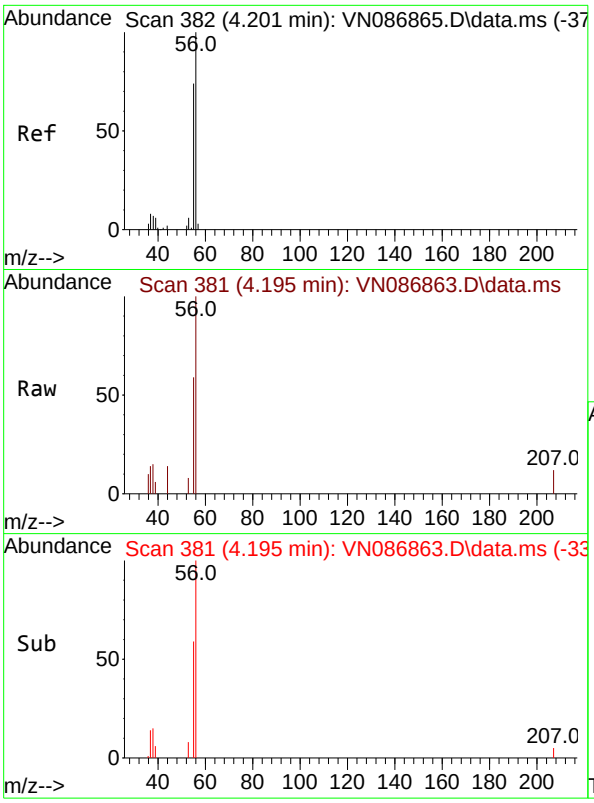


#12
1,1-Dichloroethene
Concen: 5.323 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 96 Resp: 13610

Ion	Ratio	Lower	Upper
96	100		
61	148.1	125.8	188.6
98	67.5	52.5	78.7

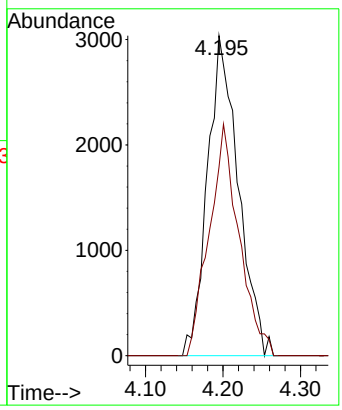




#13
Acrolein
Concen: 31.804 ug/l
RT: 4.195 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 56 Resp: 840

Ion	Ratio	Lower	Upper
56	100		
55	70.2	55.6	83.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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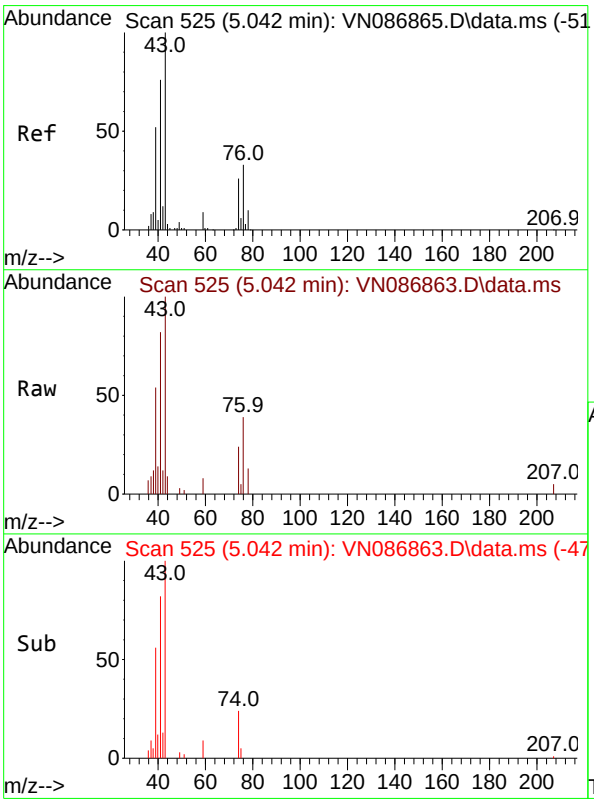
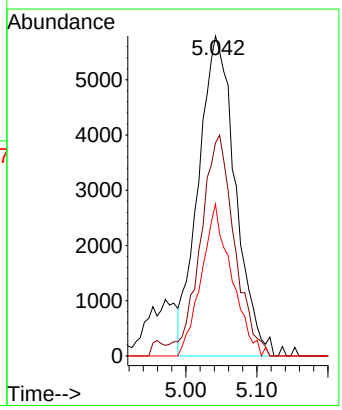
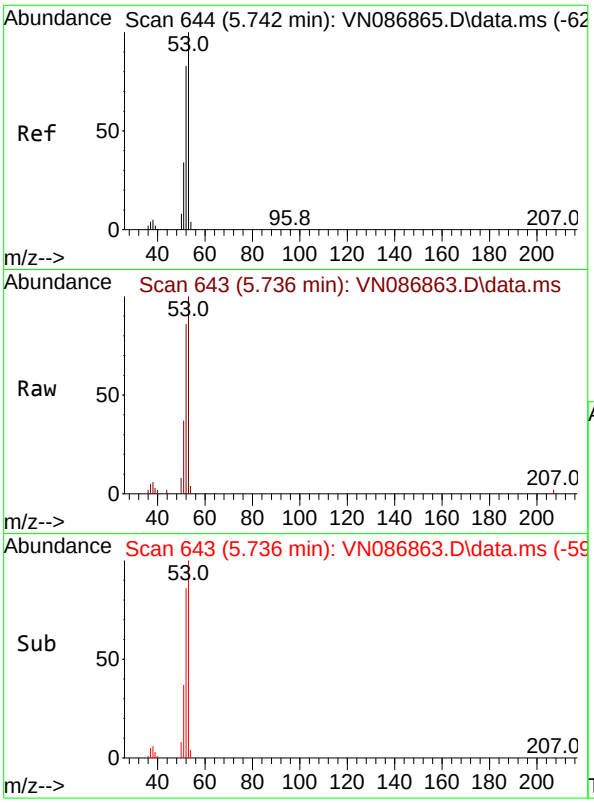


#14
Allyl chloride
Concen: 4.935 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 41 Resp: 20925

Ion	Ratio	Lower	Upper
41	100		
39	63.2	51.3	76.9
76	39.0	31.4	47.0

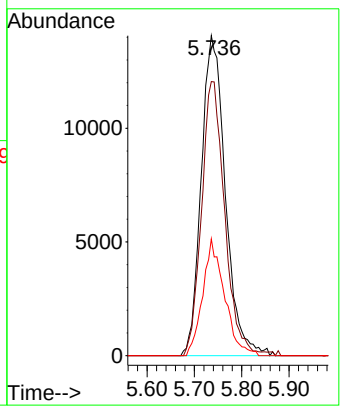




#15
Acrylonitrile
Concen: 25.545 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 53 Resp: 4982

Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.0	97.6
51	32.9	27.2	40.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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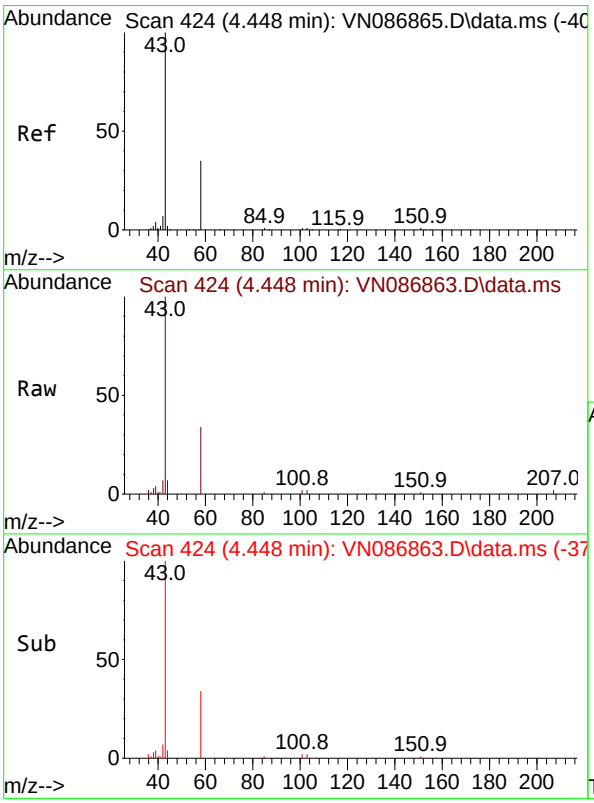
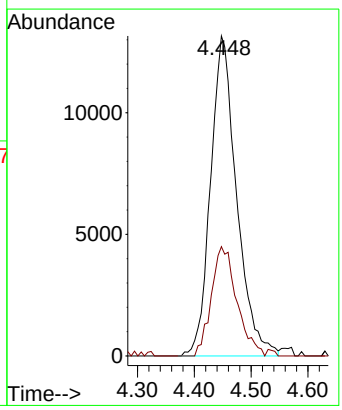
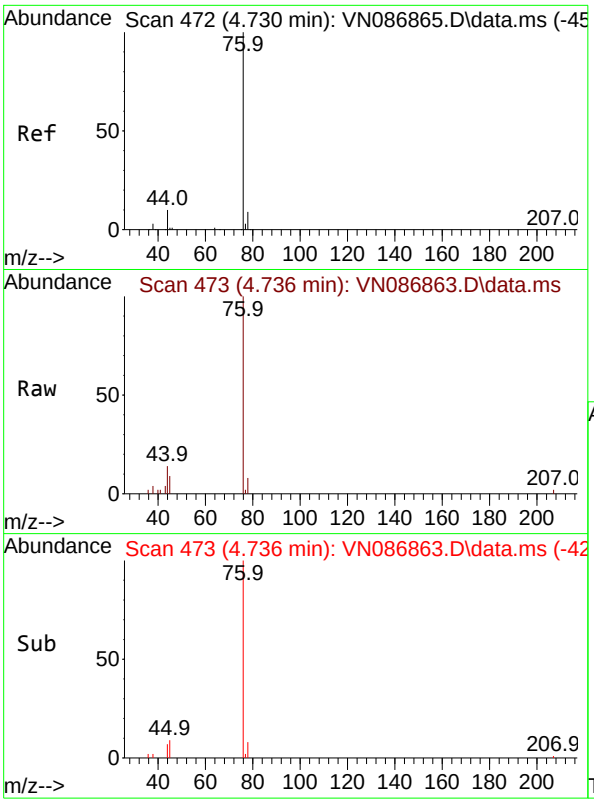


#16
Acetone
Concen: 25.741 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 41981

Ion	Ratio	Lower	Upper
43	100		
58	34.1	28.0	42.0

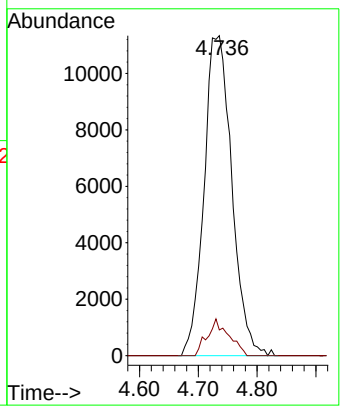




#17
Carbon Disulfide
Concen: 5.267 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 76 Resp: 3724

Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.3	10.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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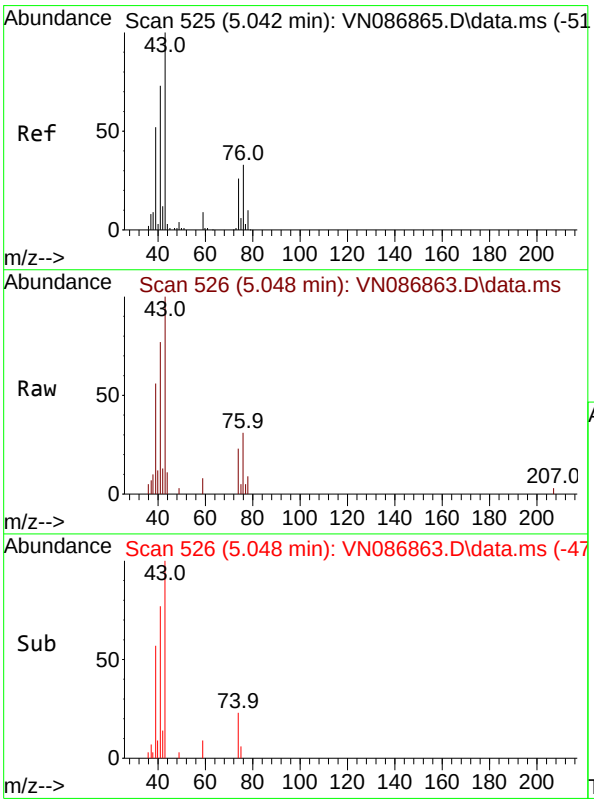
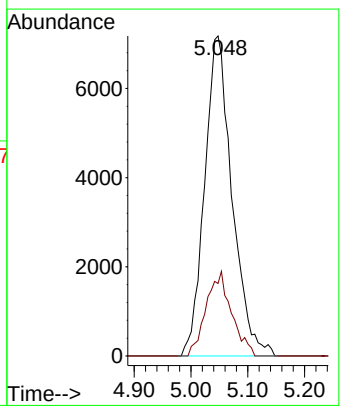
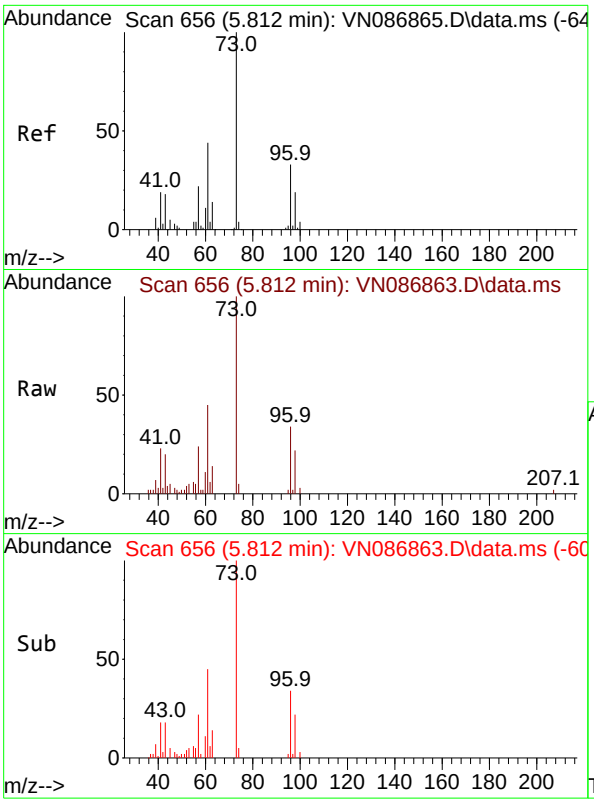


#18
Methyl Acetate
Concen: 5.070 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 24096

Ion	Ratio	Lower	Upper
43	100		
74	24.4	20.7	31.1

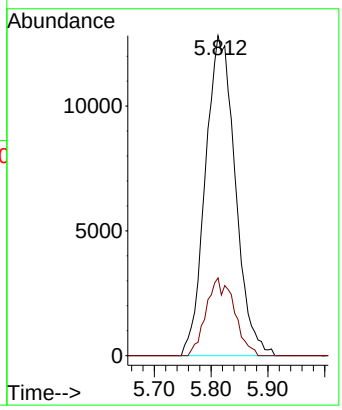




#19
Methyl tert-butyl Ether
Concen: 5.058 ug/l
RT: 5.812 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 73 Resp: 4682

Ion	Ratio	Lower	Upper
73	100		
57	24.3	17.4	26.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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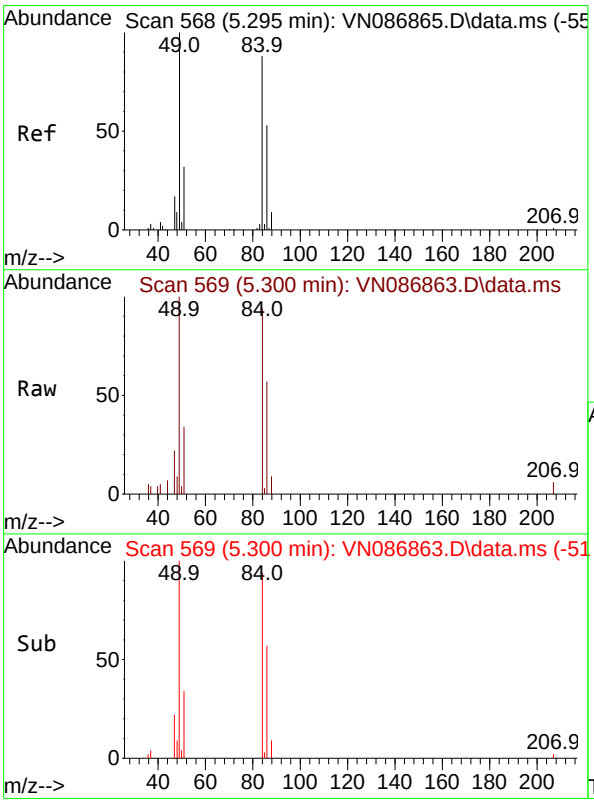
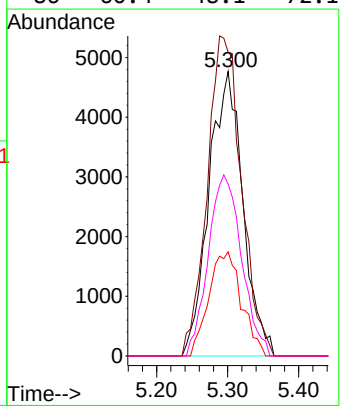
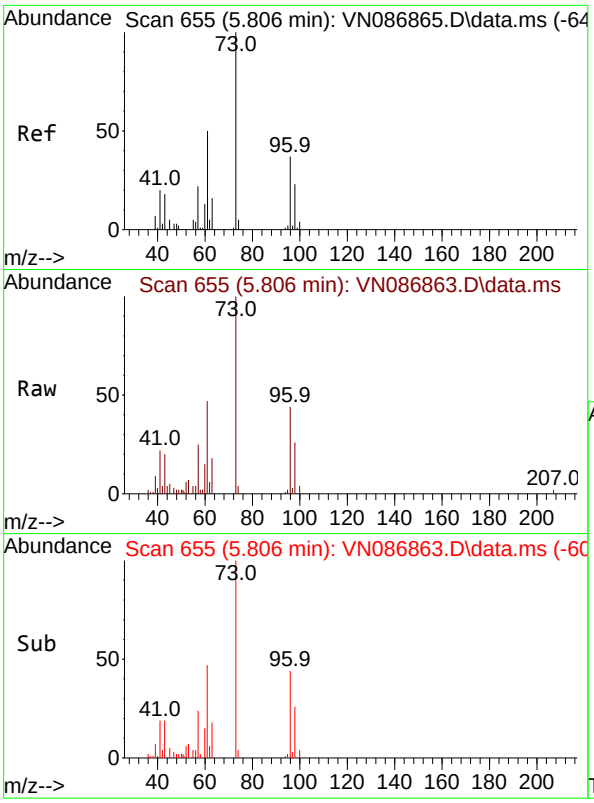


#20
Methylene Chloride
Concen: 5.178 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 84 Resp: 15809

Ion	Ratio	Lower	Upper
84	100		
49	106.8	90.5	135.7
51	36.6	28.5	42.7
86	60.4	48.1	72.1

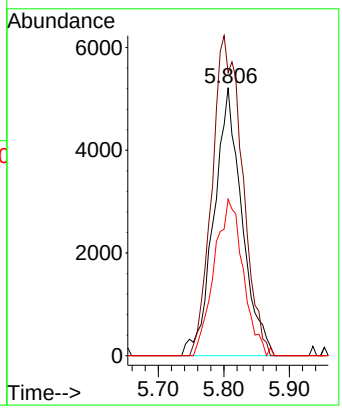




#21
trans-1,2-Dichloroethene
Concen: 5.442 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 96 Resp: 1548

Ion	Ratio	Lower	Upper
96	100		
61	105.6	109.2	163.8
98	58.4	49.8	74.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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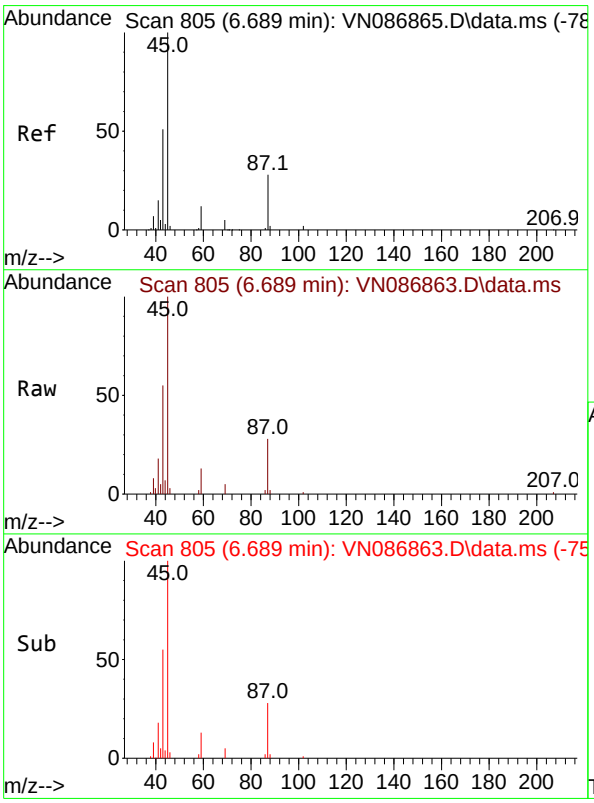
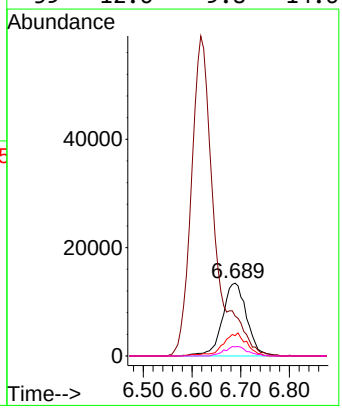
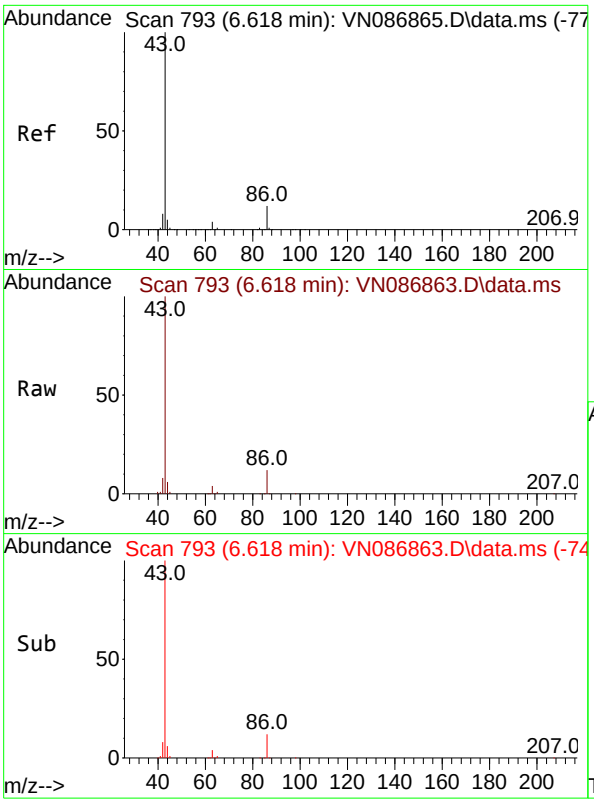


#22
Diisopropyl ether
Concen: 5.191 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 45 Resp: 46396

Ion	Ratio	Lower	Upper
45	100		
43	53.2	41.9	62.9
87	27.9	22.4	33.6
59	12.6	9.8	14.6

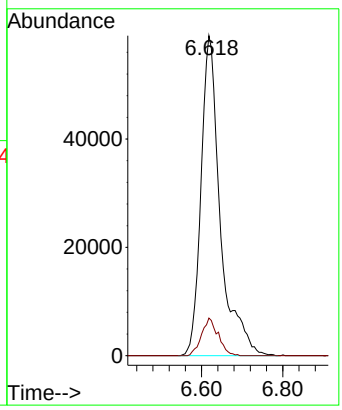




#23
Vinyl Acetate
Concen: 25.735 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 19433

Ion	Ratio	Lower	Upper
43	100		
86	11.8	9.5	14.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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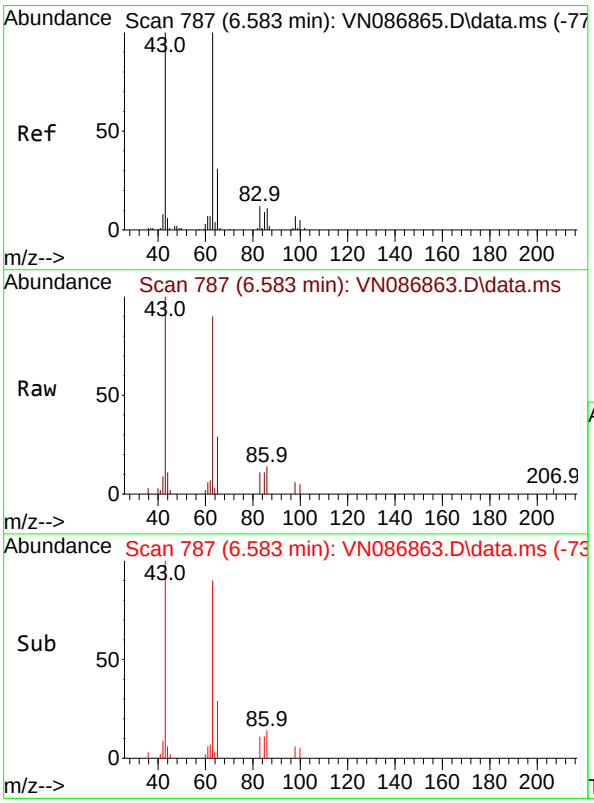
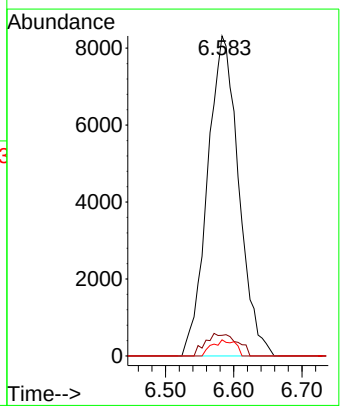
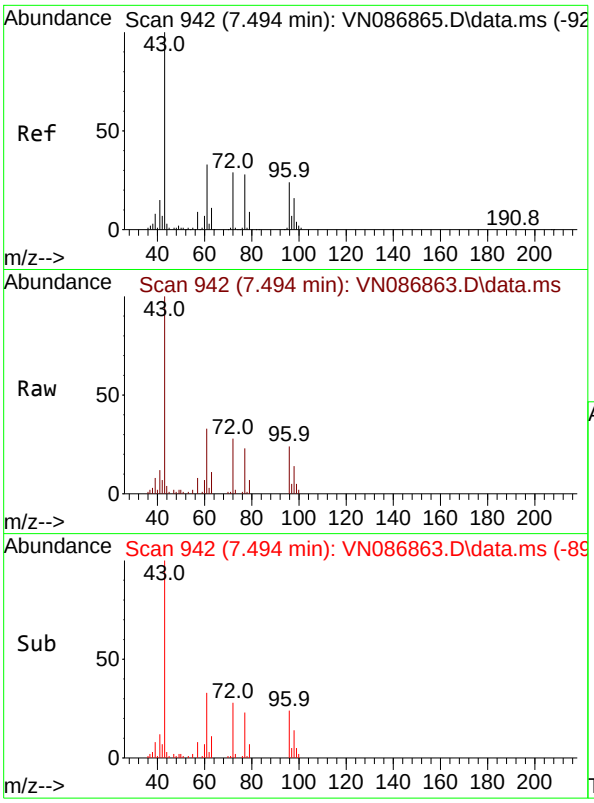


#24
1,1-Dichloroethane
Concen: 5.147 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 63 Resp: 26473

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.6	10.8
100	5.1	2.6	7.8





#25
2-Butanone
Concen: 25.888 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 6862

Ion	Ratio	Lower	Upper
43	100		
72	28.1	23.0	34.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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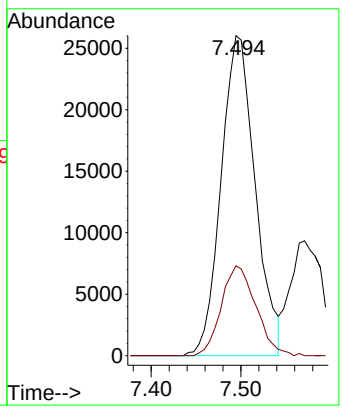
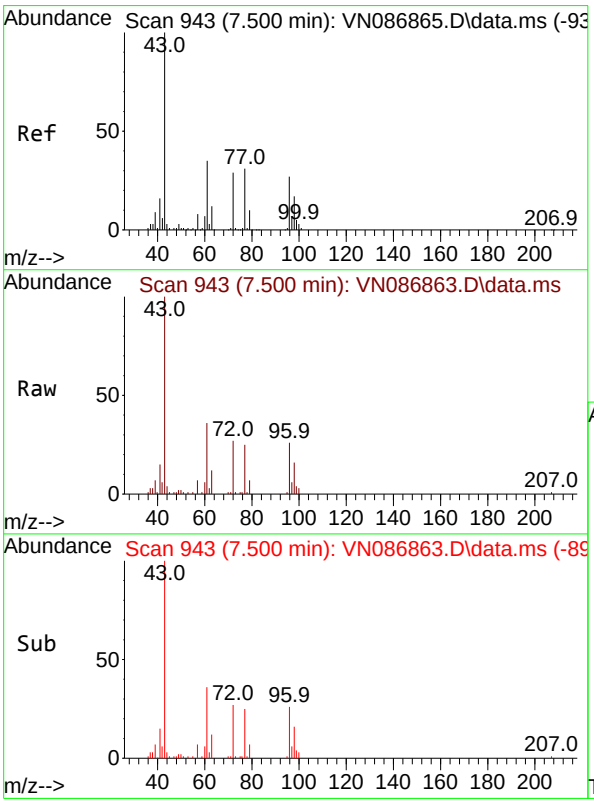
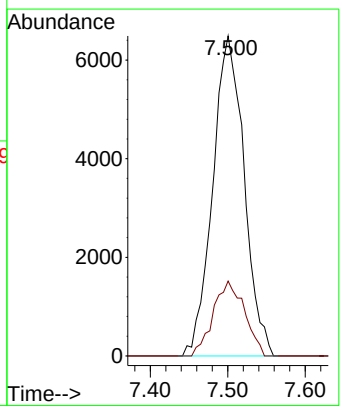


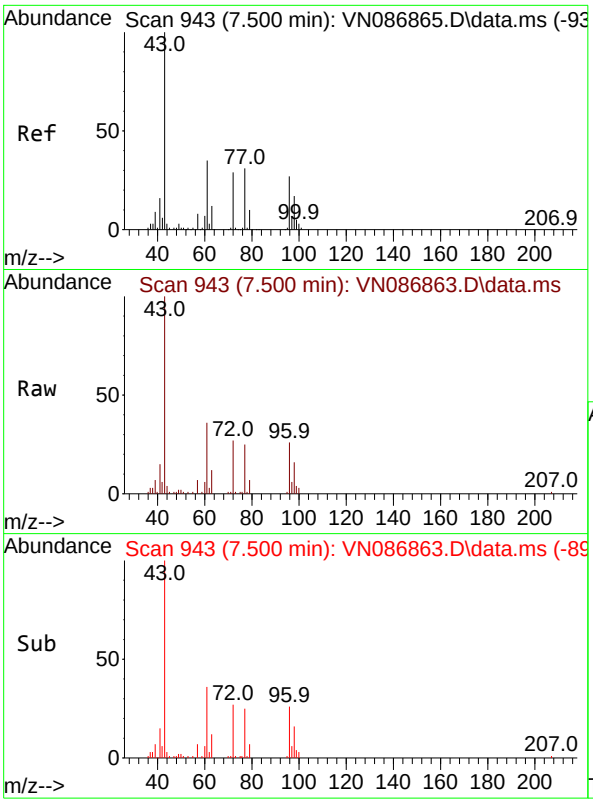


#26
2,2-Dichloropropane
Concen: 4.571 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 77 Resp: 18288

Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.6	34.7

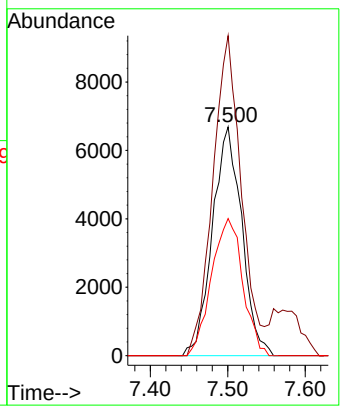




#27
cis-1,2-Dichloroethene
Concen: 5.172 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 96 Resp: 1759

Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	278.0
98	64.0	0.0	128.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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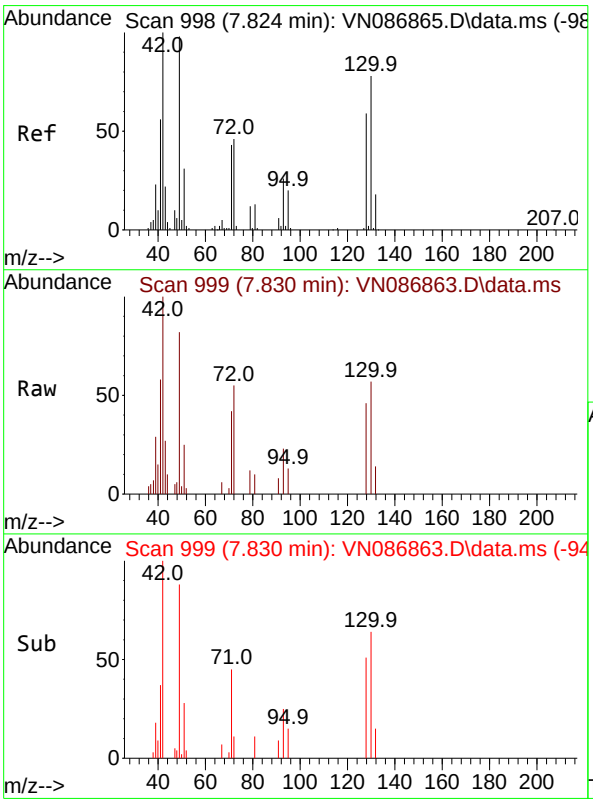
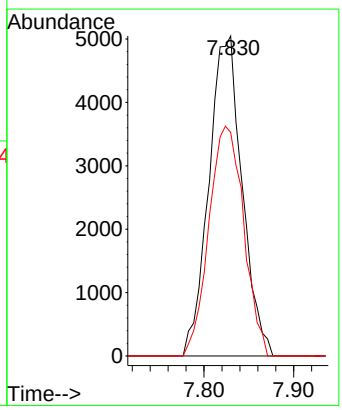
Supervised By :Mahesh Dadoda 06/09/2025

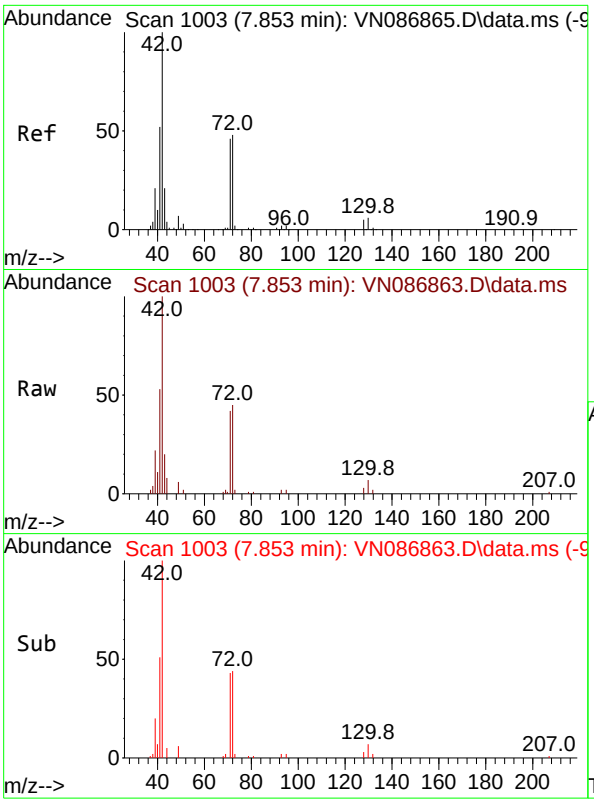


#28
Bromochloromethane
Concen: 5.124 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 49 Resp: 12958

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	75.2	62.2	93.2

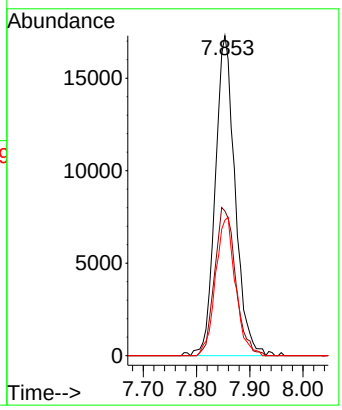




#29
Tetrahydrofuran
Concen: 25.912 ug/l
RT: 7.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 42 Resp: 4474

Ion	Ratio	Lower	Upper
42	100		
72	48.6	37.8	56.6
71	43.5	35.6	53.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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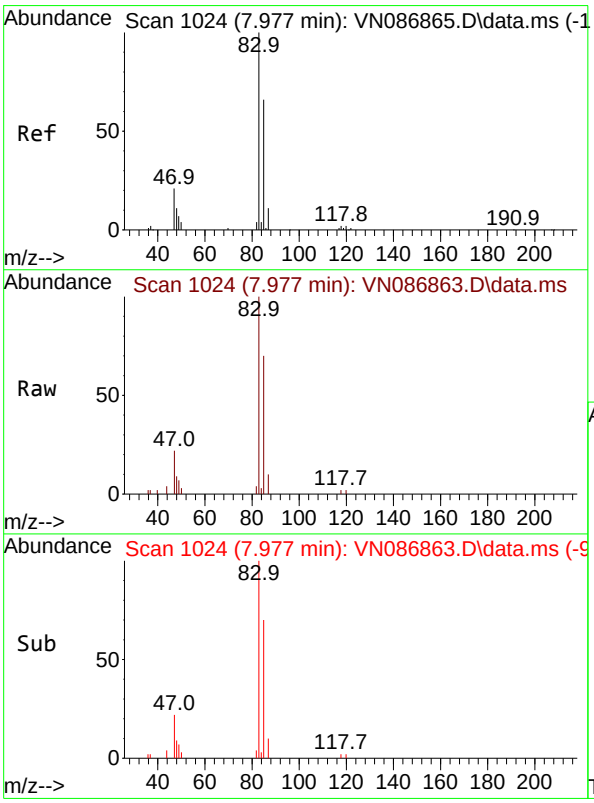
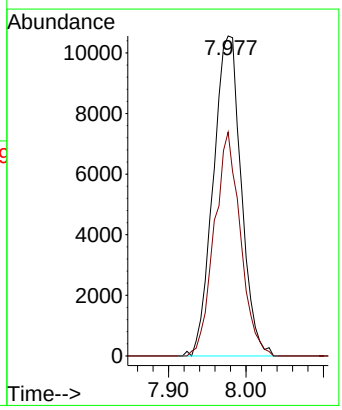
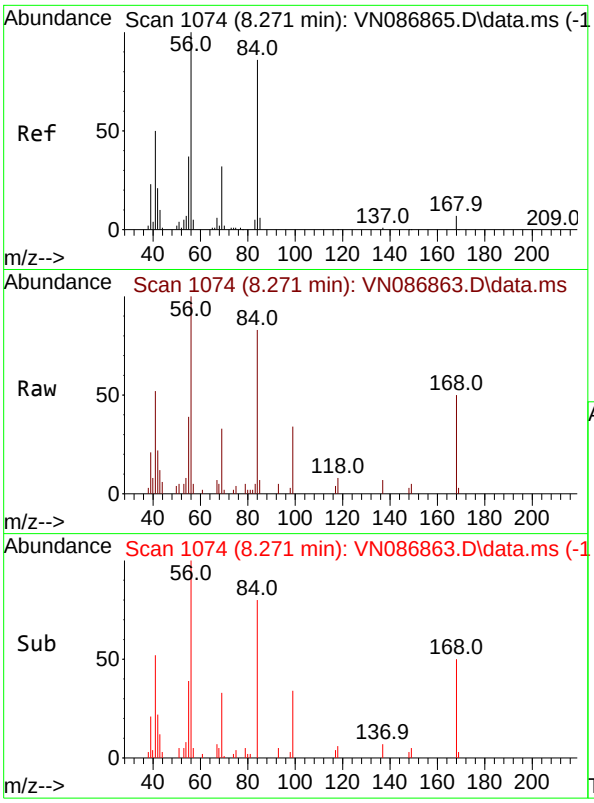


#30
Chloroform
Concen: 5.149 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 83 Resp: 26450

Ion	Ratio	Lower	Upper
83	100		
85	69.9	52.9	79.3

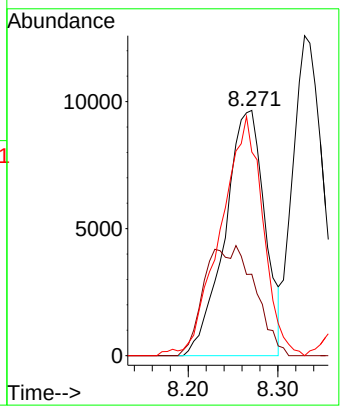




#31
Cyclohexane
Concen: 6.002 ug/l
RT: 8.271 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 56 Resp: 2993

Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.4	38.0
84	81.1	68.8	103.2



Instrument :
MSVOA_N
ClientSampleId :
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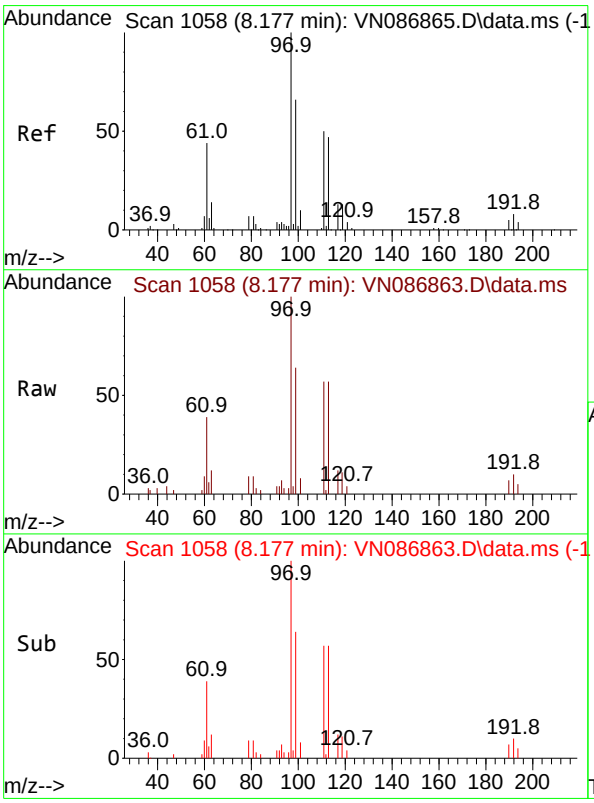
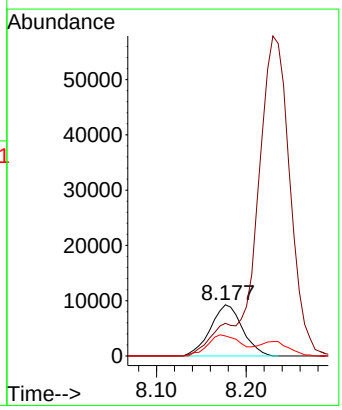
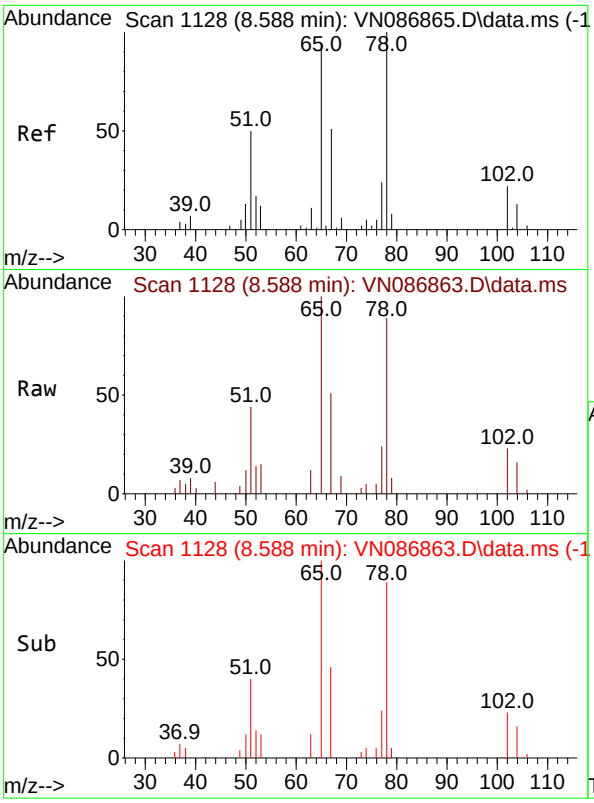


#32
1,1,1-Trichloroethane
Concen: 5.232 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 97 Resp: 22857

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	42.9	35.9	53.9

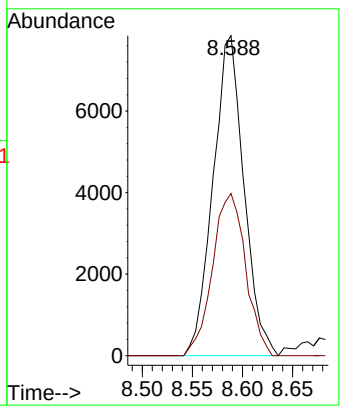




#33
1,2-Dichloroethane-d4
Concen: 5.468 ug/l
RT: 8.588 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 65 Resp: 1681

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	105.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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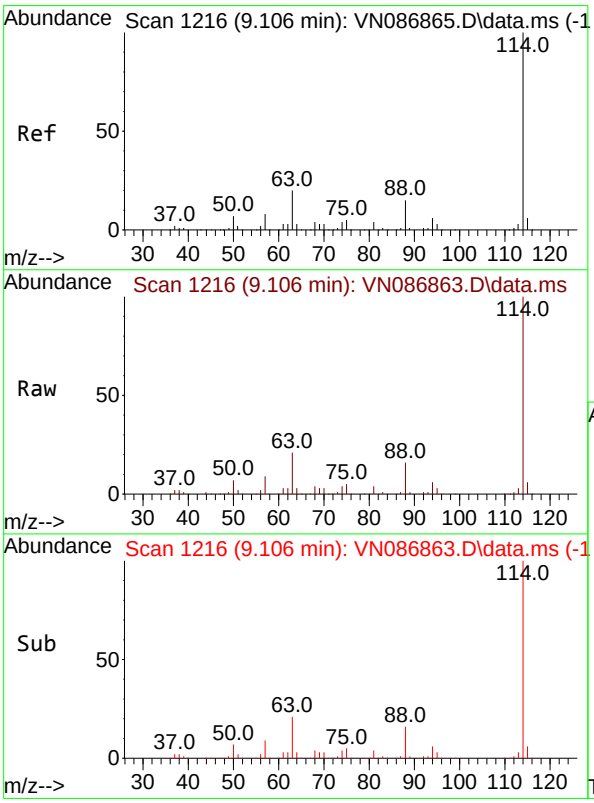
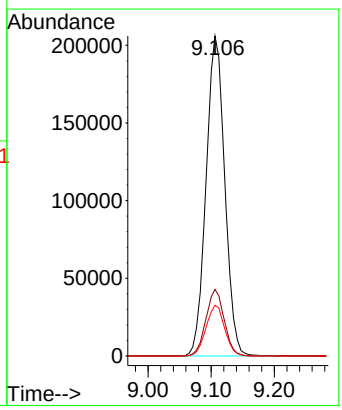
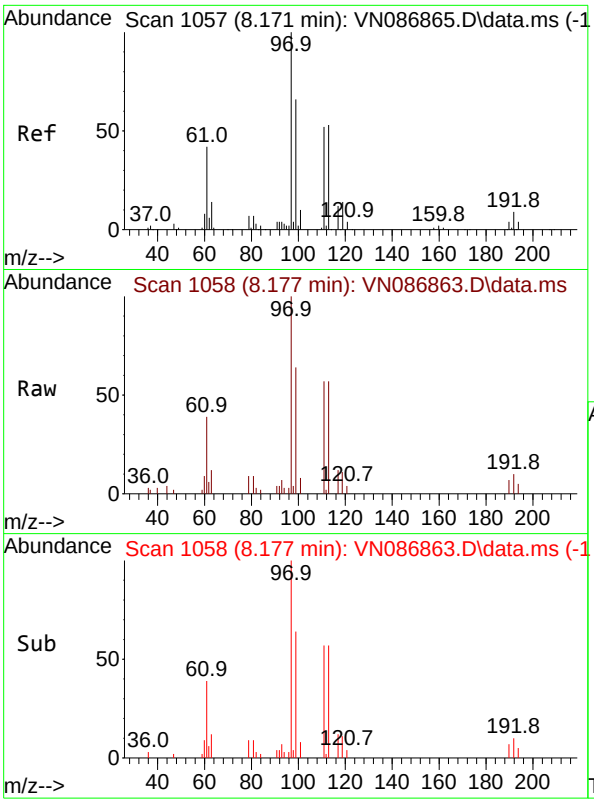


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:114 Resp: 423980

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.6
88	15.9	0.0	30.2

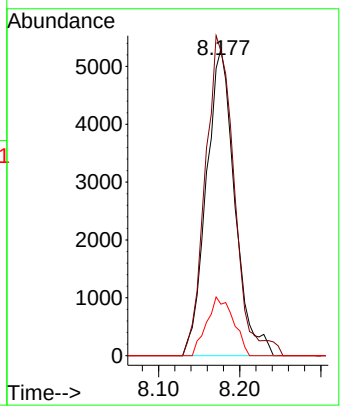




#35
Dibromofluoromethane
Concen: 5.121 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:113 Resp: 1286

Ion	Ratio	Lower	Upper
113	100		
111	106.5	84.2	126.2
192	18.0	14.2	21.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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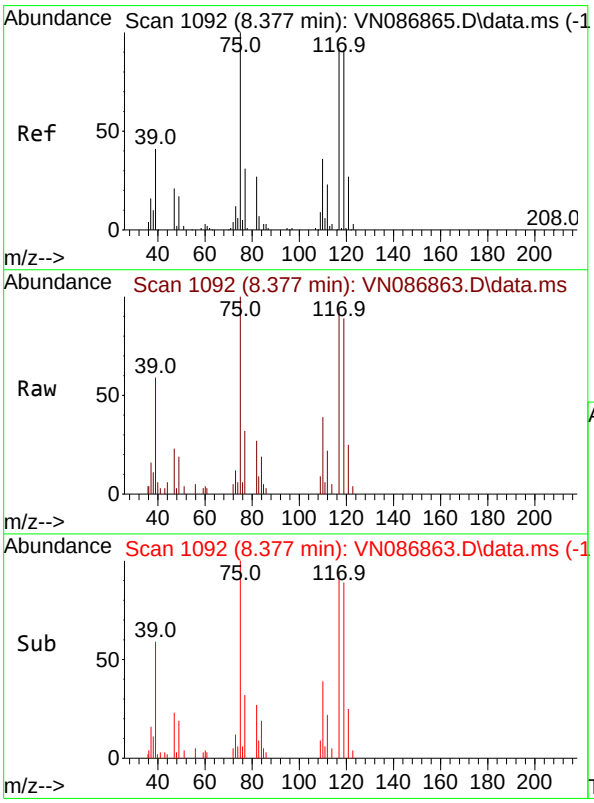
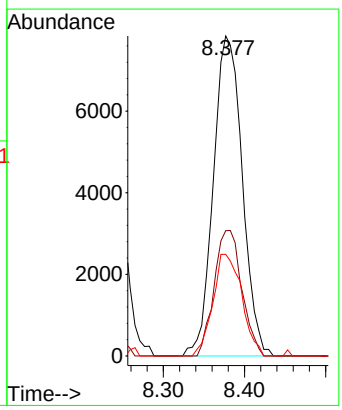
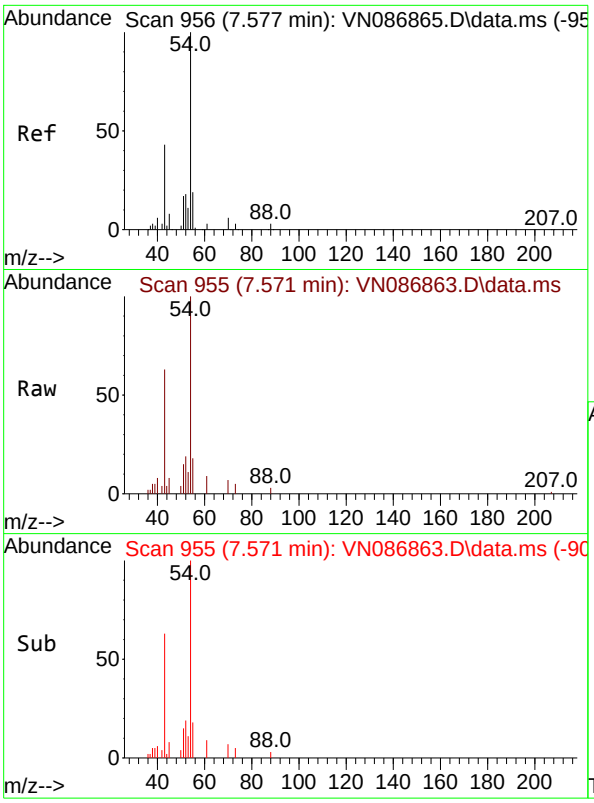


#36
1,1-Dichloropropene
Concen: 5.184 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 19410

Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.6	52.9
77	31.7	25.3	37.9





#37
Ethyl Acetate
Concen: 5.470 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 2607

Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.1	18.1
70	10.9	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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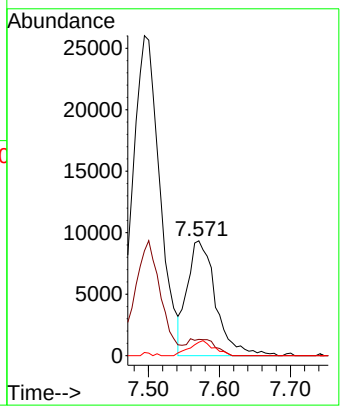
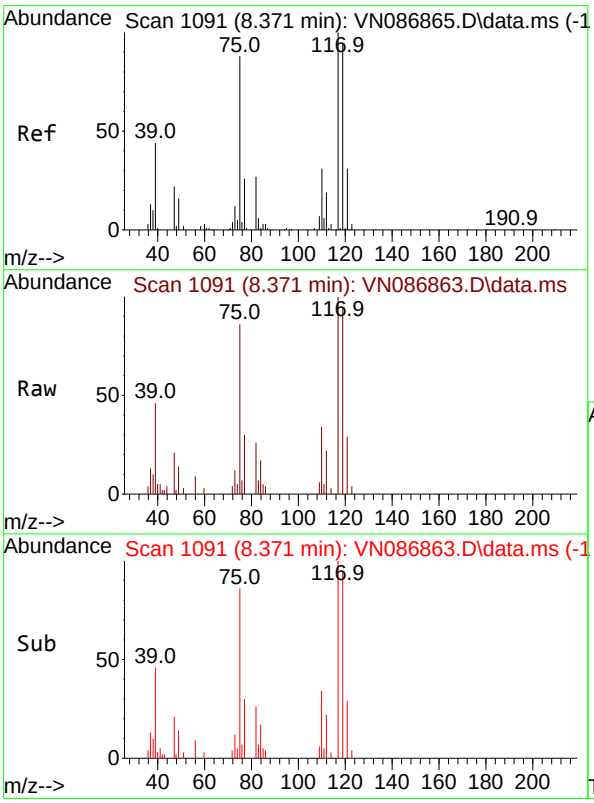
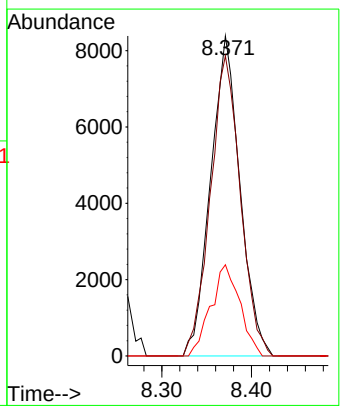


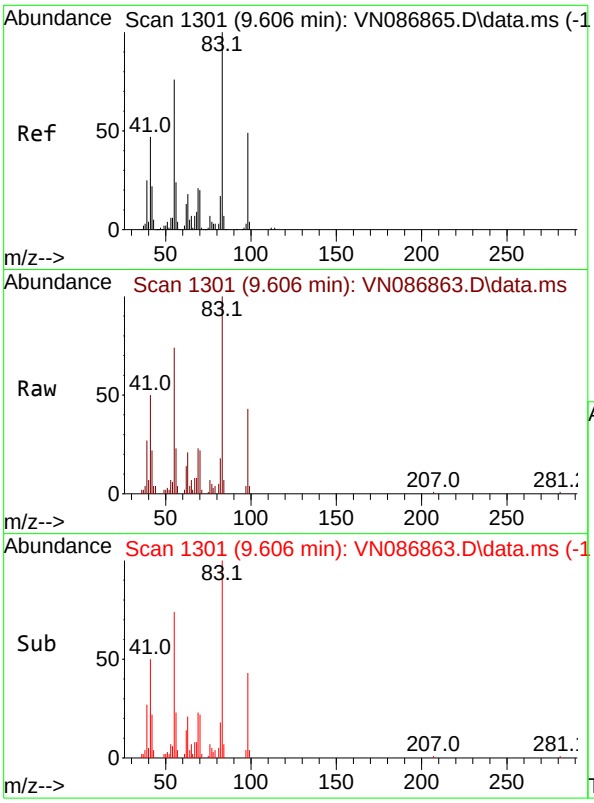


#38
Carbon Tetrachloride
Concen: 5.184 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:117 Resp: 19056

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	28.5	24.9	37.3





#39
Methylcyclohexane
Concen: 5.333 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 83 Resp: 2735

Ion	Ratio	Lower	Upper
83	100		
55	73.6	61.0	91.6
98	42.6	38.9	58.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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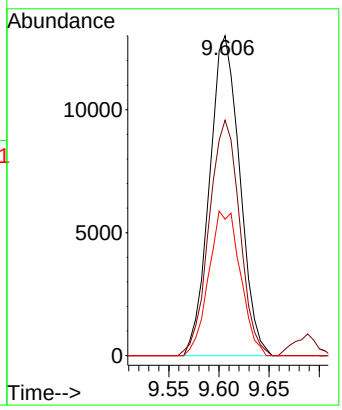
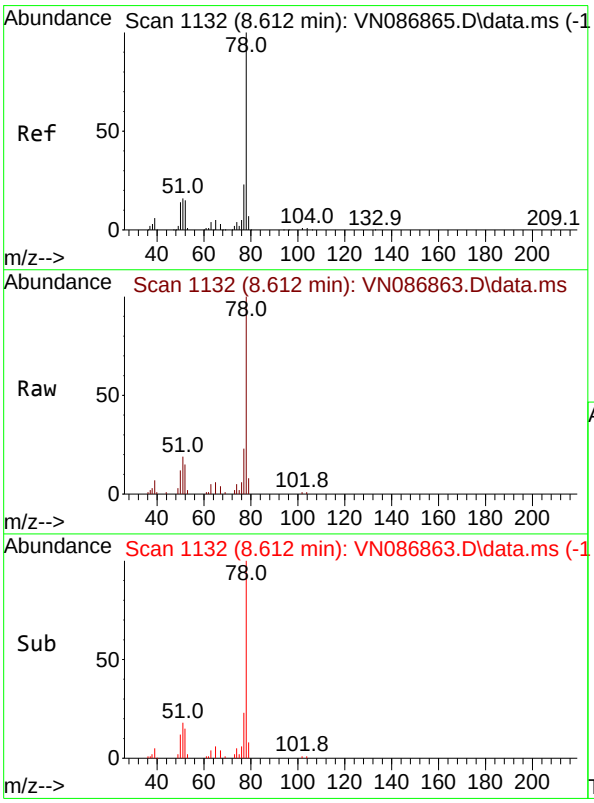
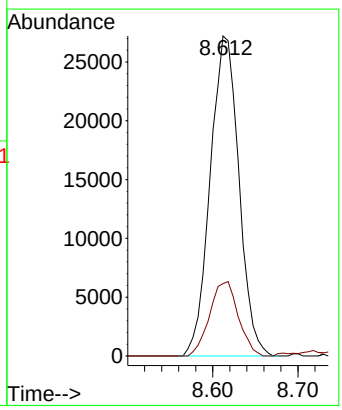


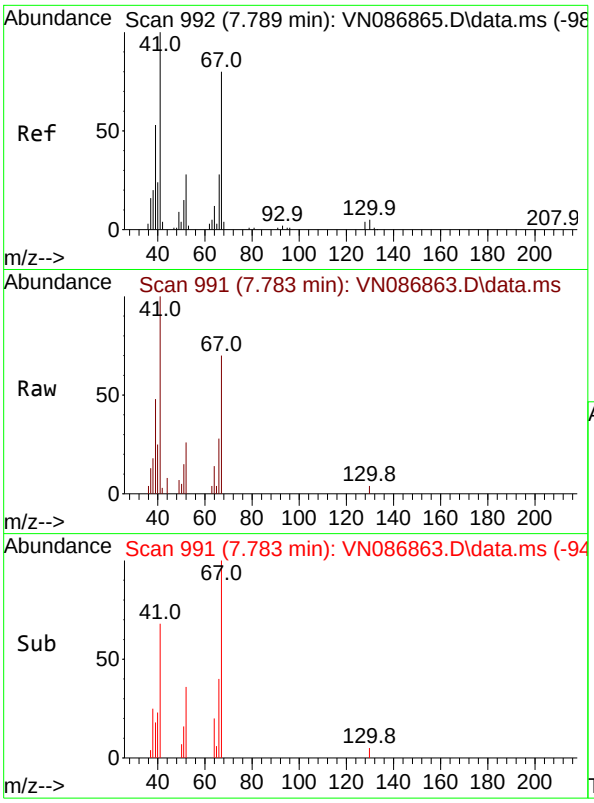


#40
Benzene
Concen: 5.199 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 78 Resp: 63646

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.7	28.1

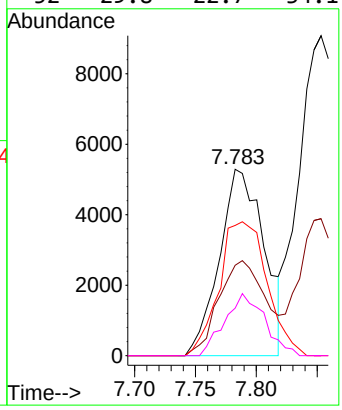




#41
Methacrylonitrile
Concen: 5.050 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 41 Resp: 1351

Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.2	61.8
67	77.0	61.4	92.2
52	29.8	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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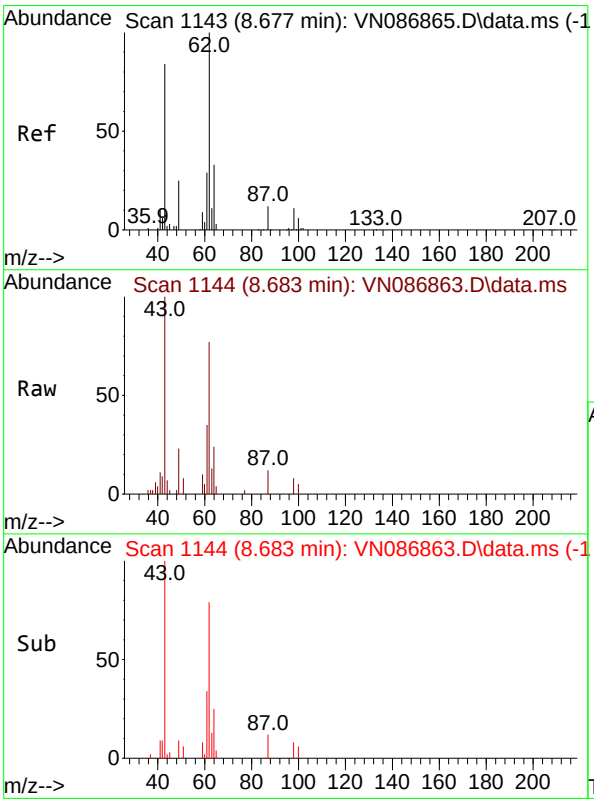
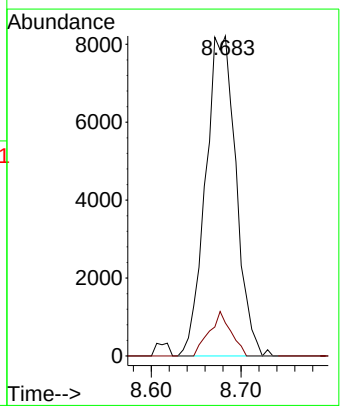
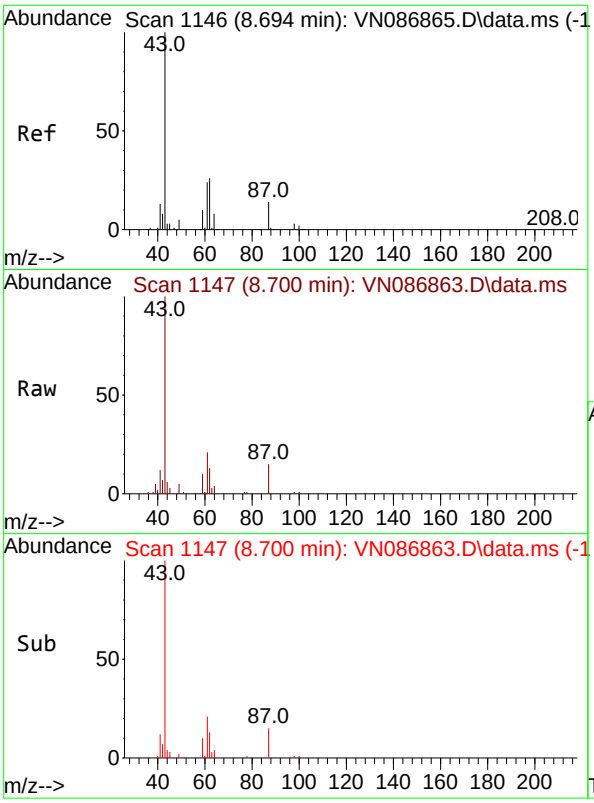


#42
1,2-Dichloroethane
Concen: 5.205 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 62 Resp: 19329

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	21.2

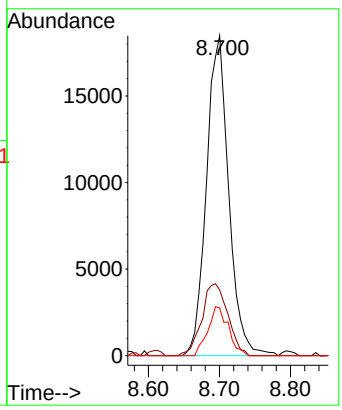




#43
Isopropyl Acetate
Concen: 5.264 ug/l
RT: 8.700 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 4026

Ion	Ratio	Lower	Upper
43	100		
61	26.2	22.1	33.1
87	14.1	11.8	17.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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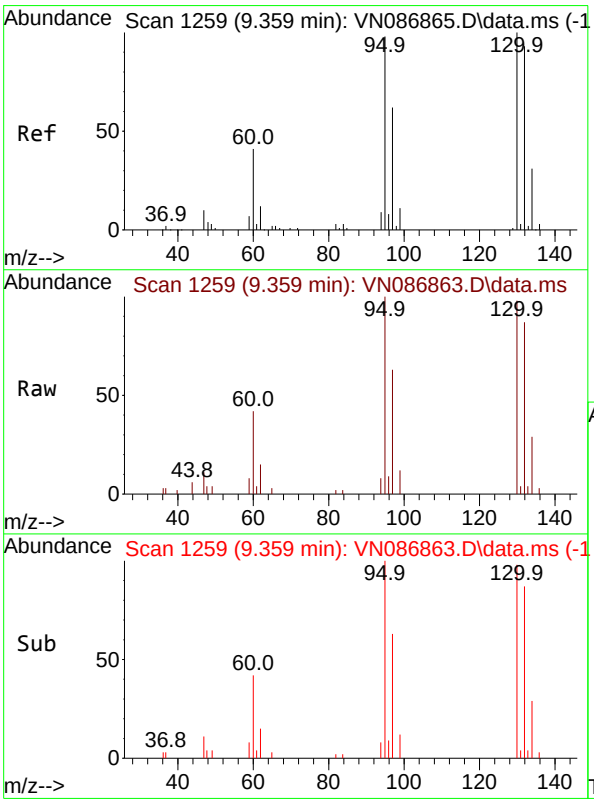
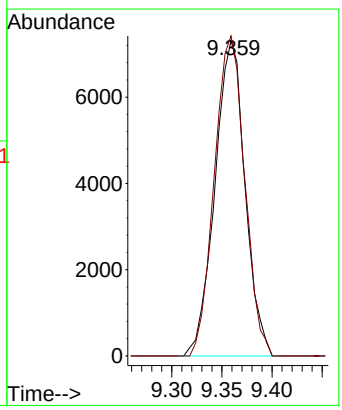
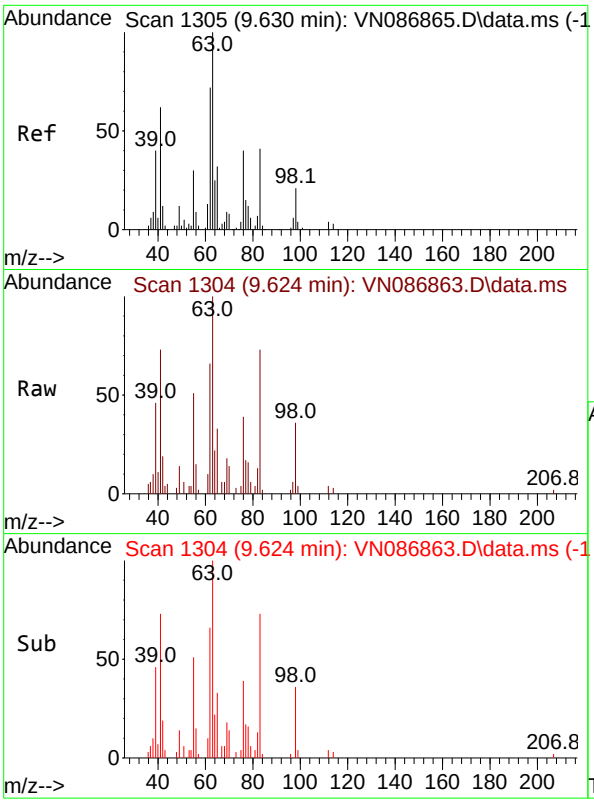


#44
Trichloroethene
Concen: 5.251 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:130 Resp: 15245

Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	196.2

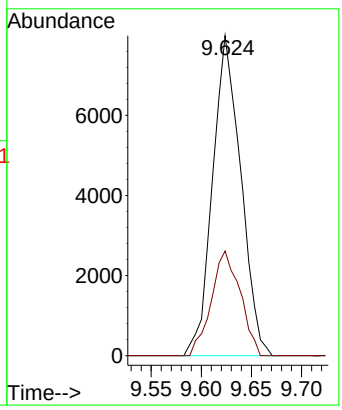




#45
1,2-Dichloropropane
Concen: 5.248 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 63 Resp: 1563

Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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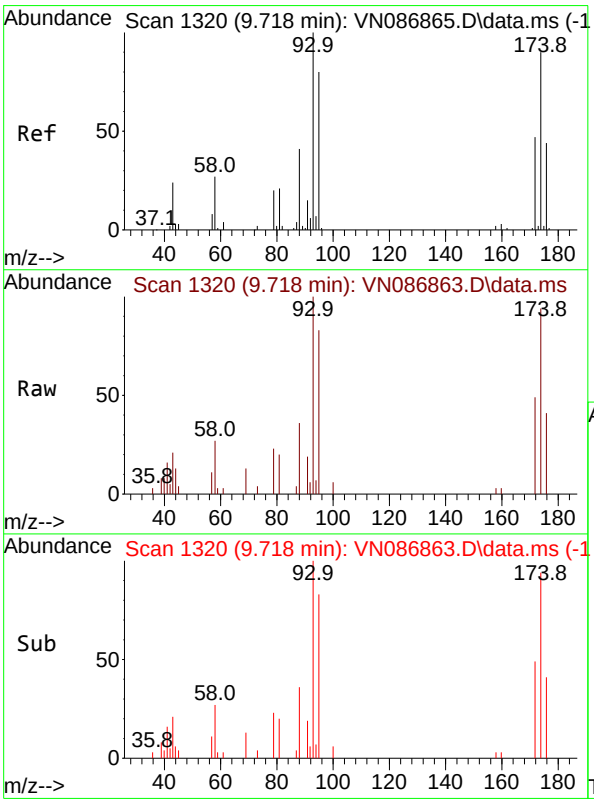
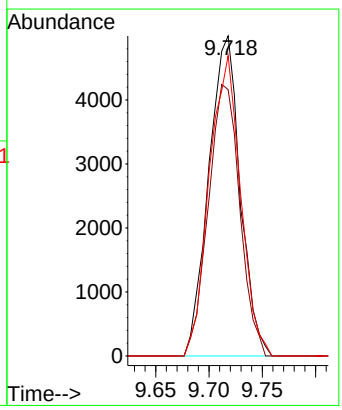
Supervised By :Mahesh Dadoda 06/09/2025

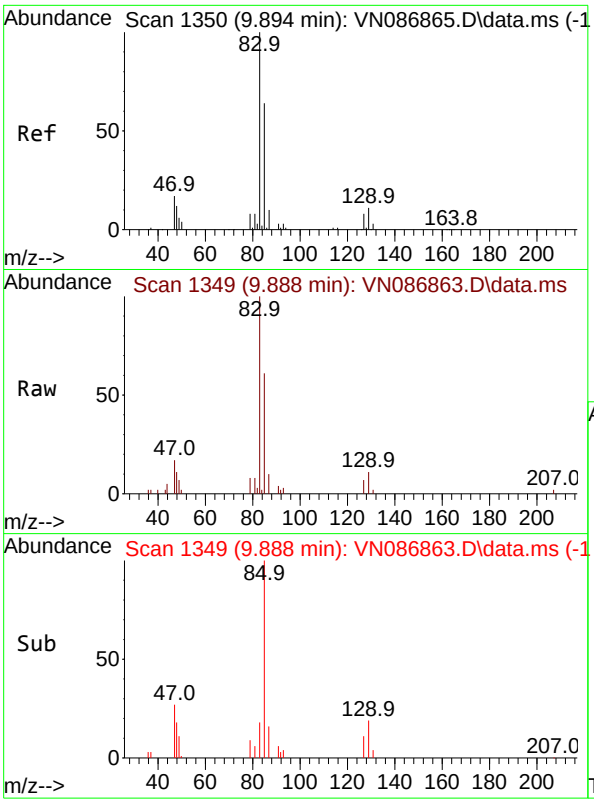


#46
Dibromomethane
Concen: 5.176 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 93 Resp: 10241

Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.1	100.7
174	93.4	74.2	111.4

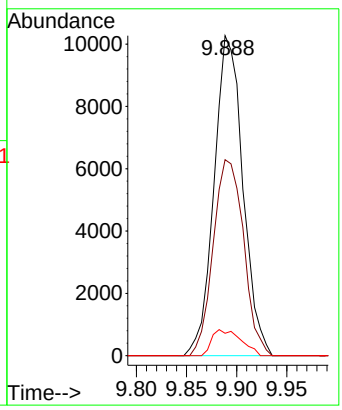




#47
Bromodichloromethane
Concen: 5.039 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 83 Resp: 2051

Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.9	76.3
127	7.0	6.6	10.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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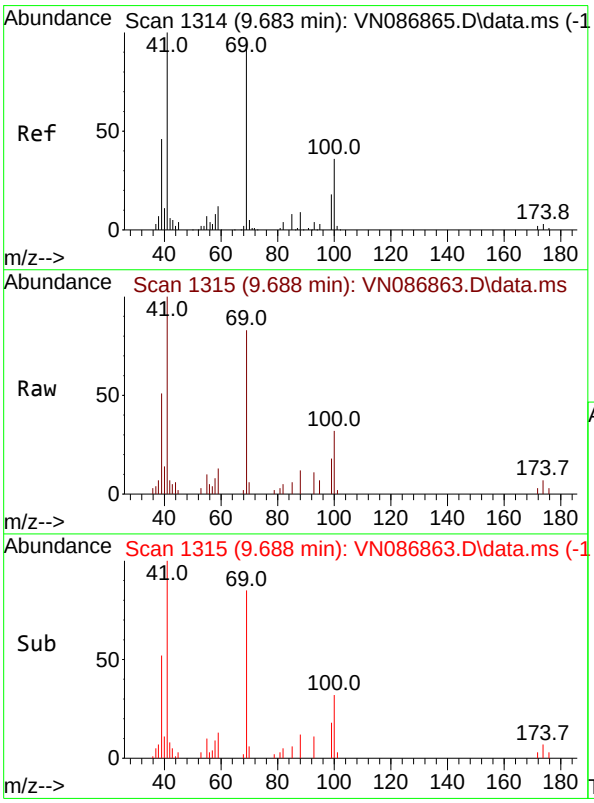
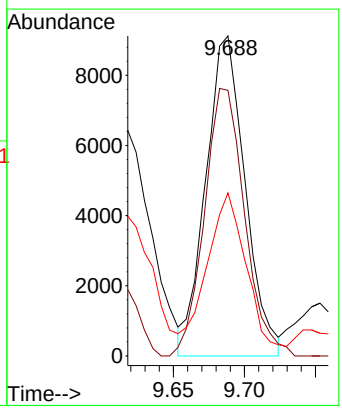
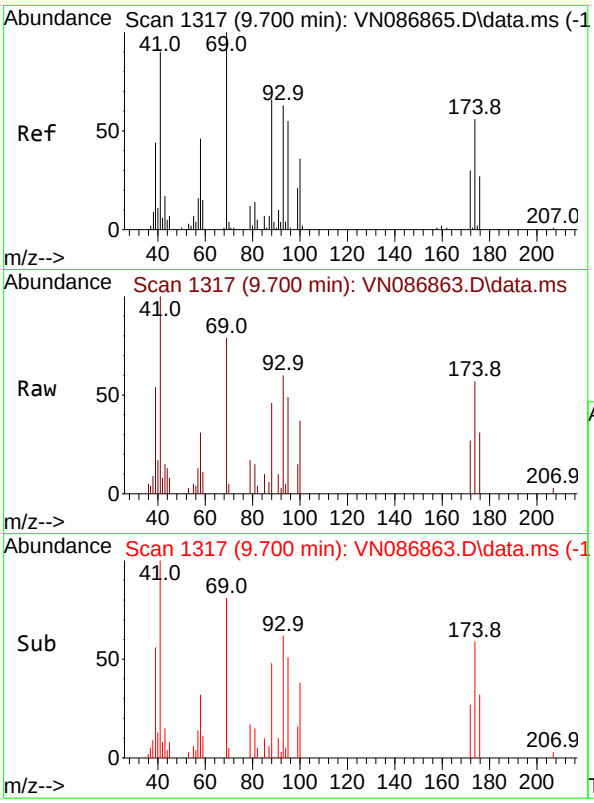


#48
Methyl methacrylate
Concen: 4.996 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 41 Resp: 17591

Ion	Ratio	Lower	Upper
41	100		
69	85.2	74.6	112.0
39	52.3	40.2	60.4





#49
1,4-Dioxane
Concen: 95.874 ug/l
RT: 9.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 88 Resp: 614

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.9	57.7	86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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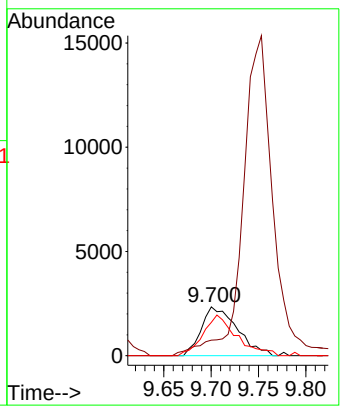
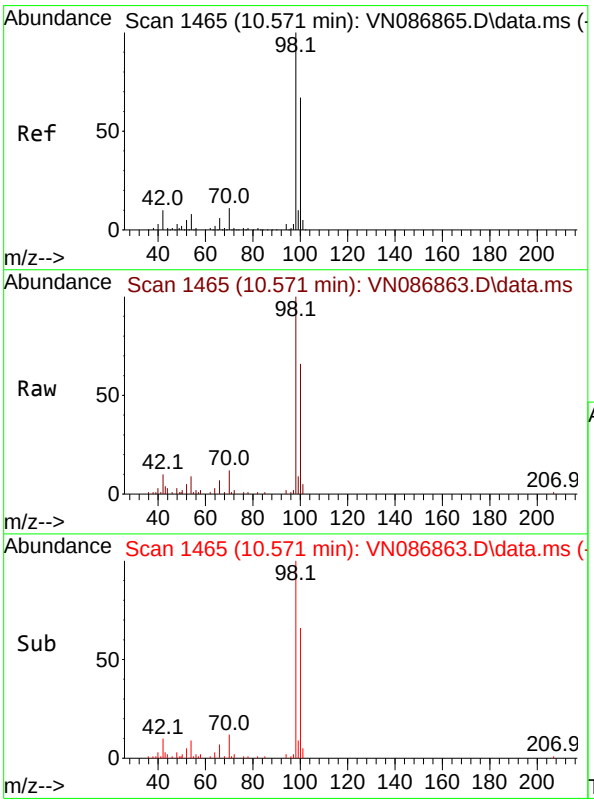
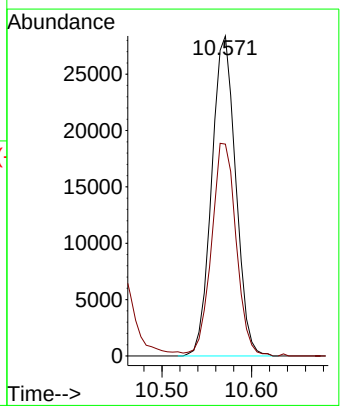


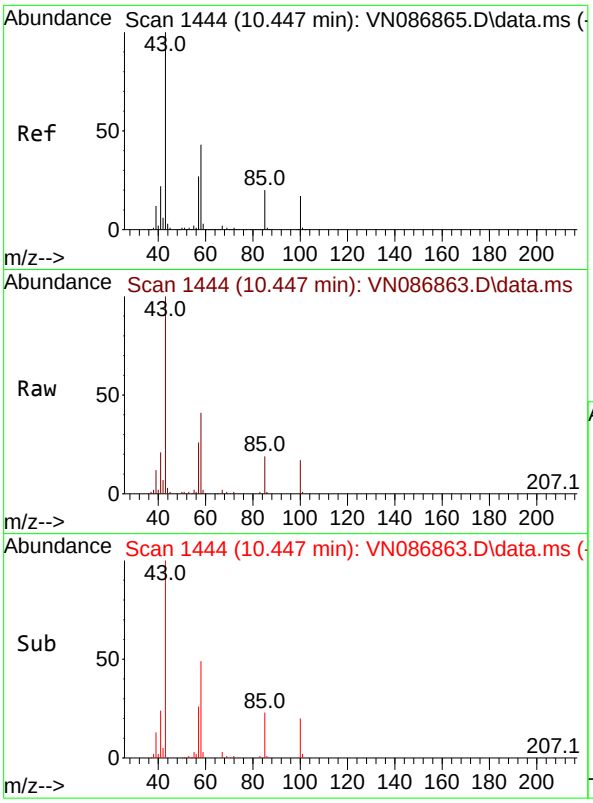


#50
Toluene-d8
Concen: 5.308 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 98 Resp: 52794

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.4	80.0

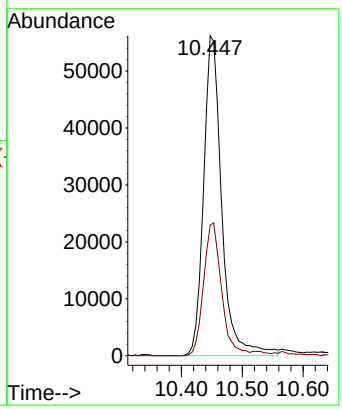




#51
4-Methyl-2-Pentanone
Concen: 25.283 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 11643

Ion	Ratio	Lower	Upper
43	100		
58	40.9	34.2	51.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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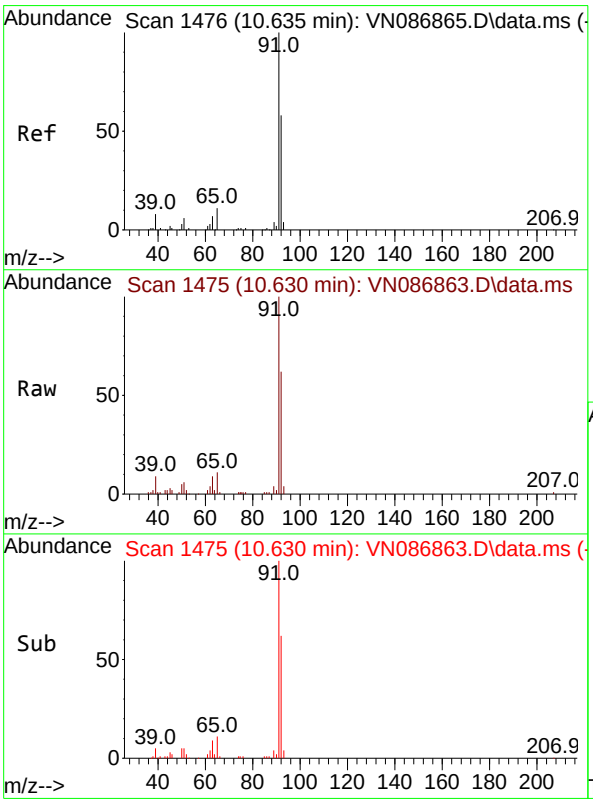
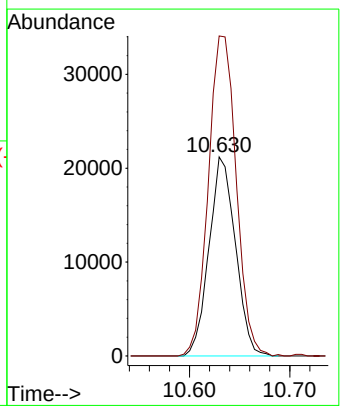
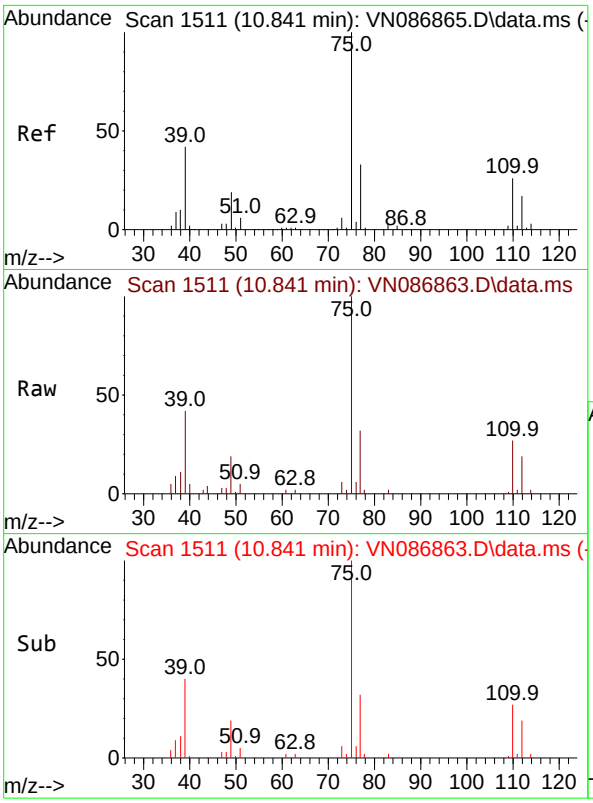


#52
Toluene
Concen: 5.178 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 92 Resp: 38744

Ion	Ratio	Lower	Upper
92	100		
91	169.5	136.5	204.7

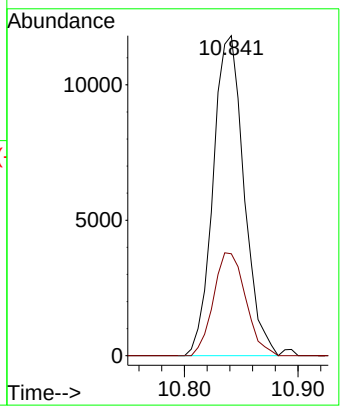




#53
t-1,3-Dichloropropene
Concen: 4.896 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 2228

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
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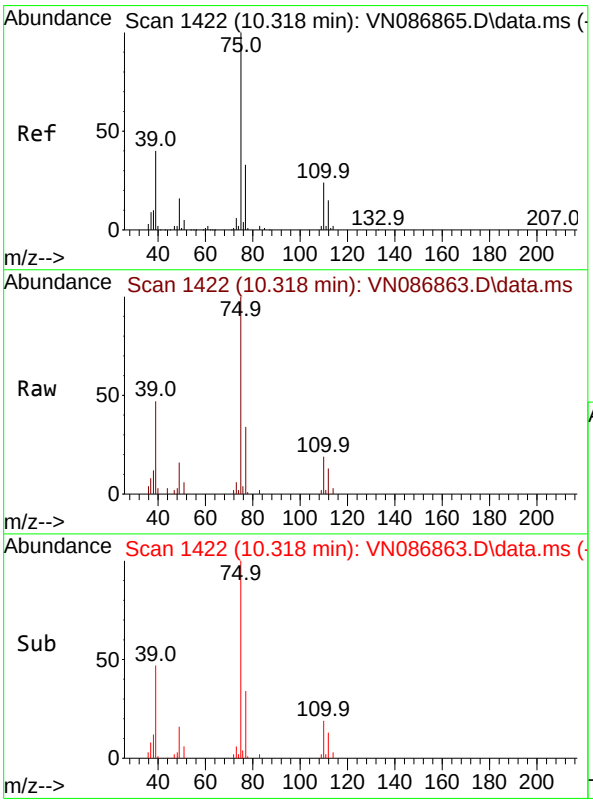
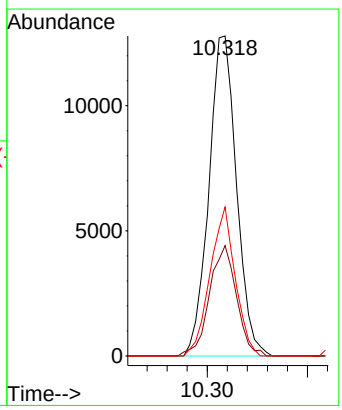
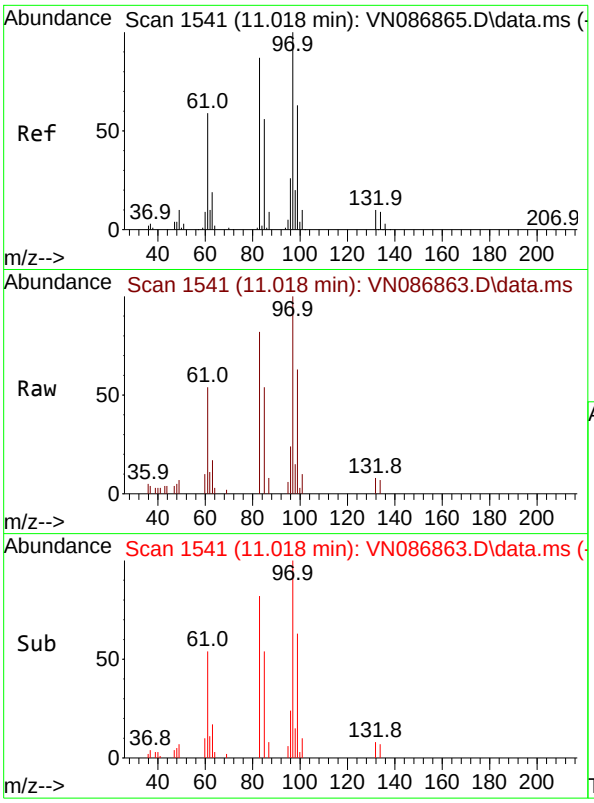


#54
cis-1,3-Dichloropropene
Concen: 5.026 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 24477

Ion	Ratio	Lower	Upper
75	100		
77	34.5	26.2	39.4
39	46.5	32.3	48.5

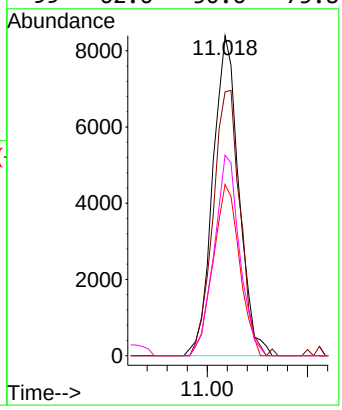




#55
1,1,2-Trichloroethane
Concen: 5.234 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 97 Resp: 1506

Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.7	104.5
85	53.5	45.1	67.7
99	62.6	50.6	75.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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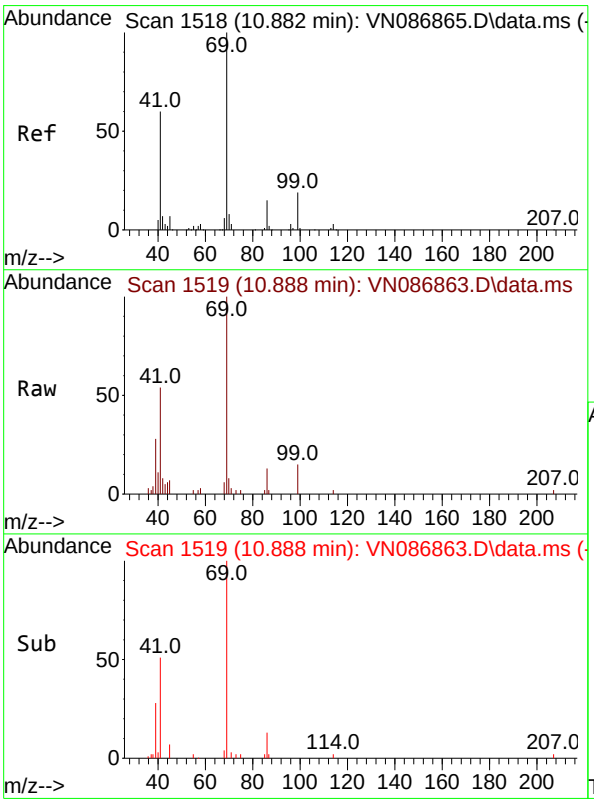
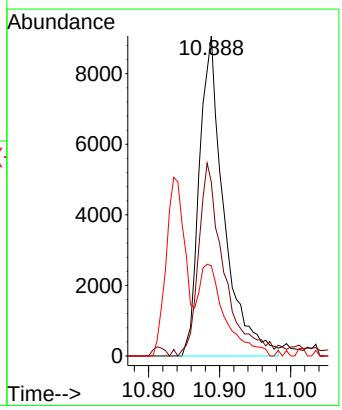
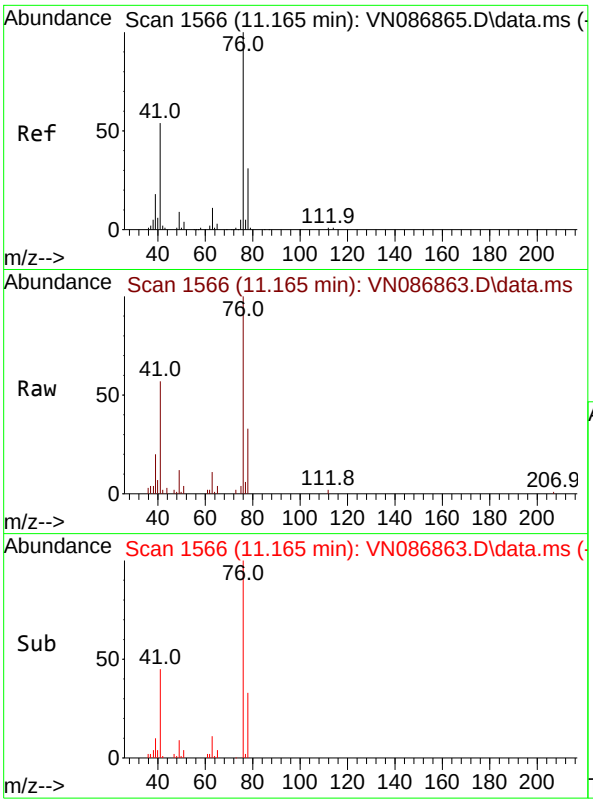


#56
Ethyl methacrylate
Concen: 4.774 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 69 Resp: 21893

Ion	Ratio	Lower	Upper
69	100		
41	63.5	47.2	70.8
39	29.9	23.0	34.6

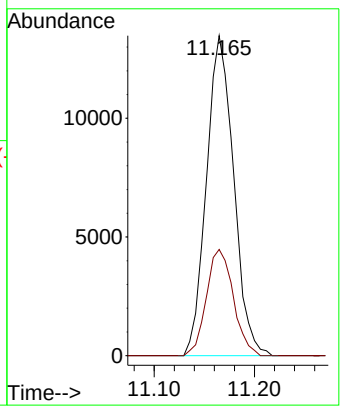




#57
1,3-Dichloropropane
Concen: 5.096 ug/l
RT: 11.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 76 Resp: 2545

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.3	37.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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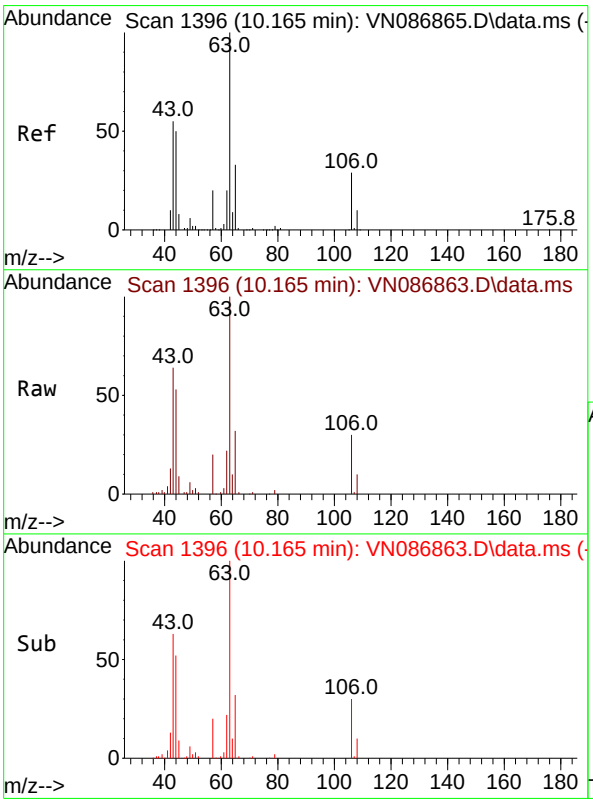
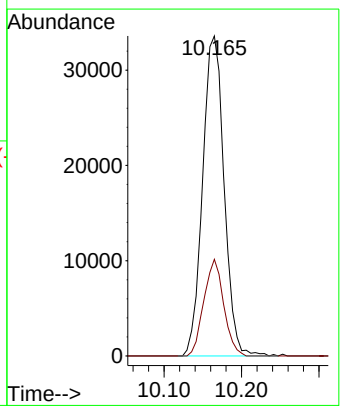
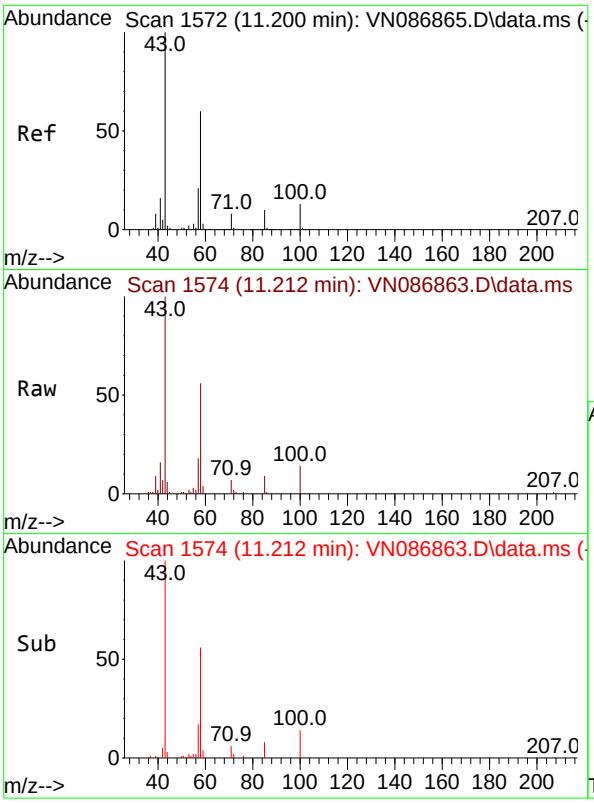


#58
2-Chloroethyl Vinyl ether
Concen: 23.664 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 63 Resp: 64722

Ion	Ratio	Lower	Upper
63	100		
106	27.9	23.0	34.6

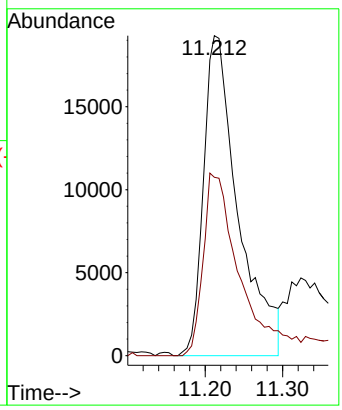




#59
2-Hexanone
Concen: 20.188 ug/l
RT: 11.212 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 5988

Ion	Ratio	Lower	Upper
43	100		
58	60.5	30.4	91.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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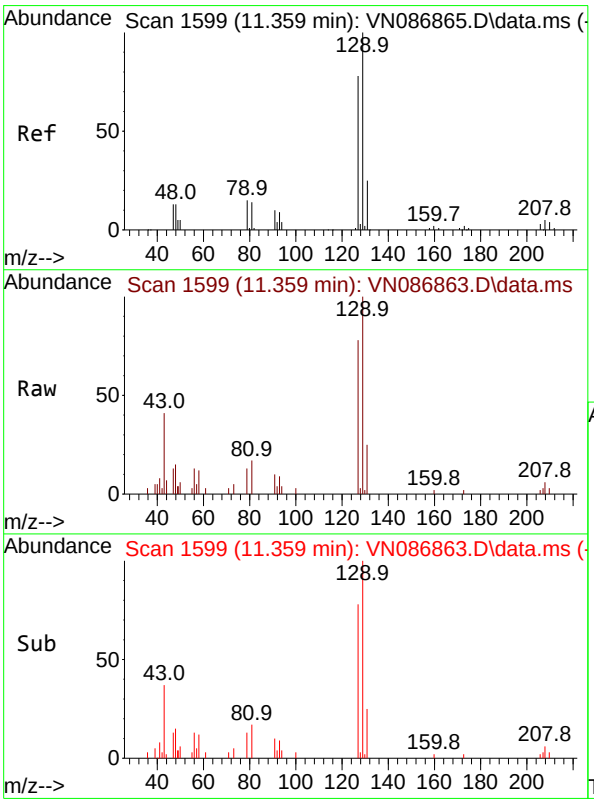
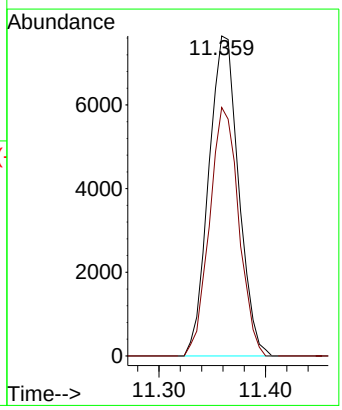
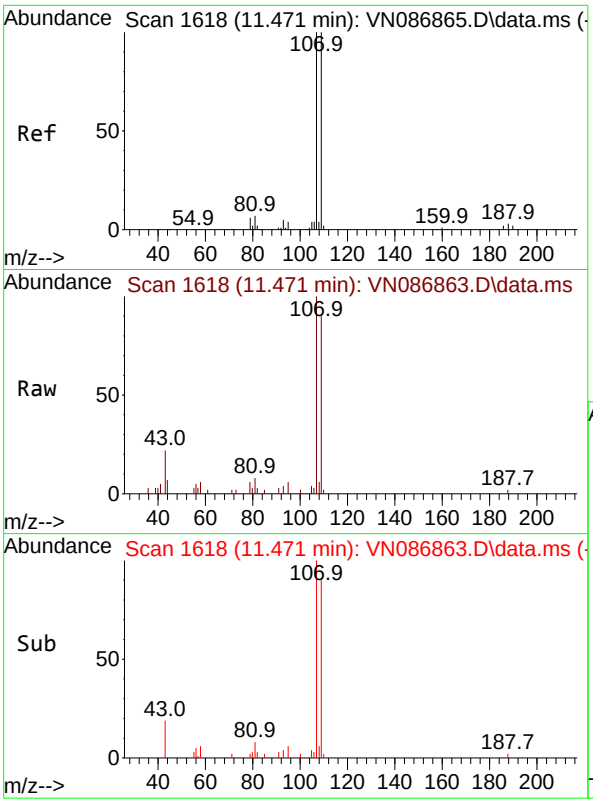


#60
Dibromochloromethane
Concen: 4.962 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:129 Resp: 14884

Ion	Ratio	Lower	Upper
129	100		
127	75.9	38.6	115.8

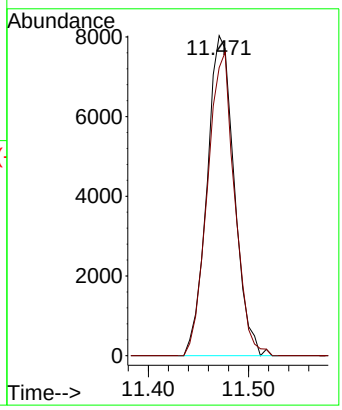




#61
1,2-Dibromoethane
Concen: 5.141 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:107 Resp: 1517

Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.3	114.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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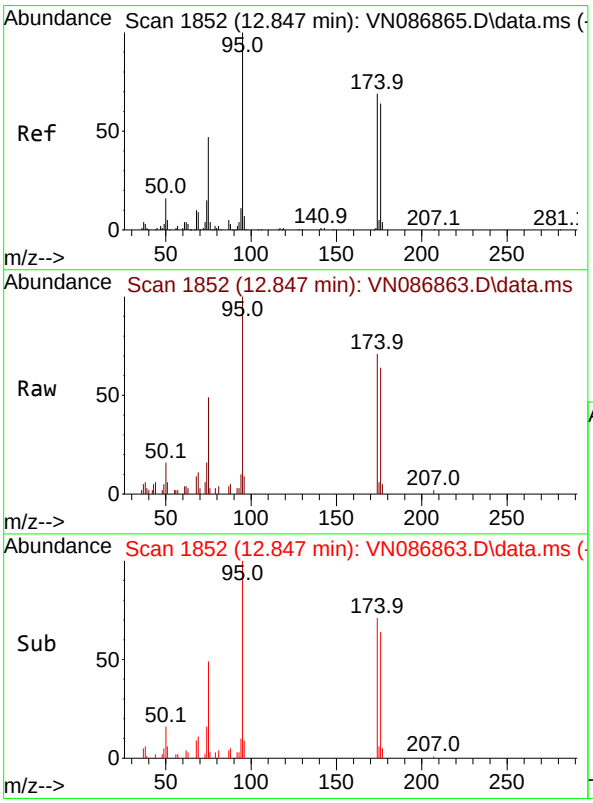
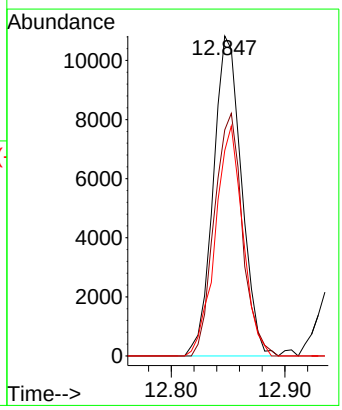
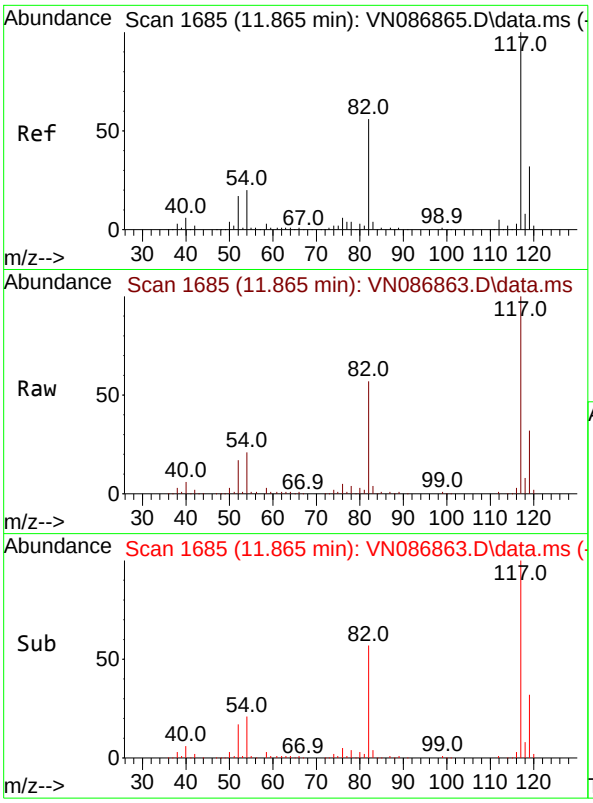


#62
4-Bromofluorobenzene
Concen: 5.059 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 95 Resp: 18697

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	141.8
176	70.2	0.0	132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:117 Resp: 37185

Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.6	67.0
119	32.3	25.5	38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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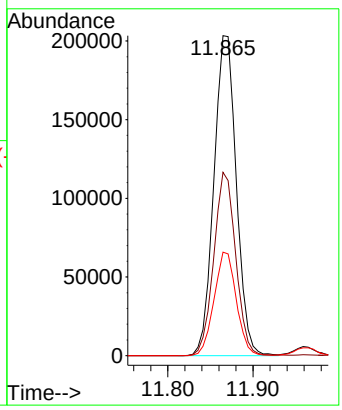
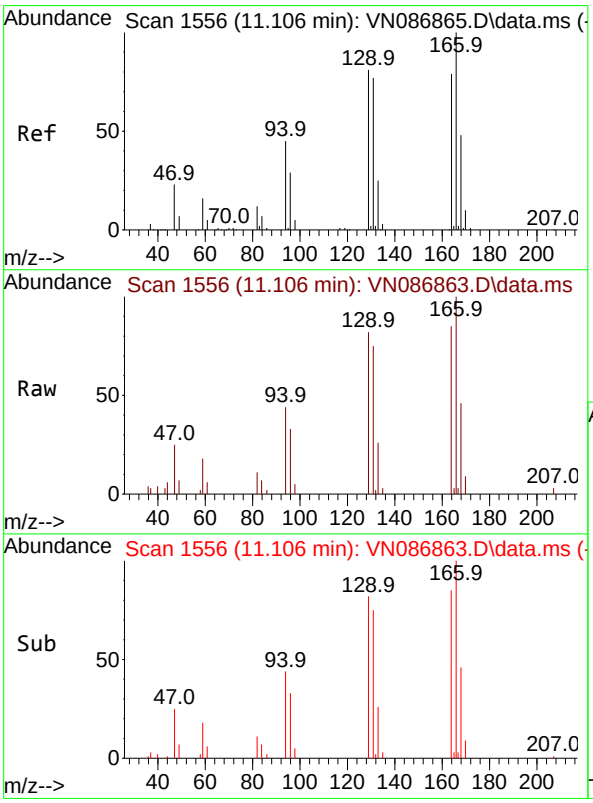
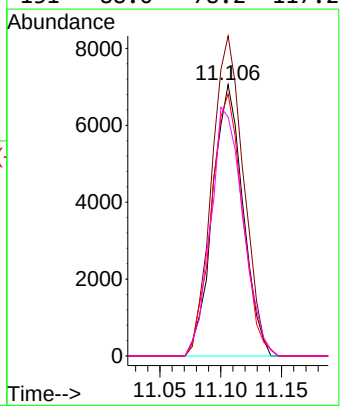


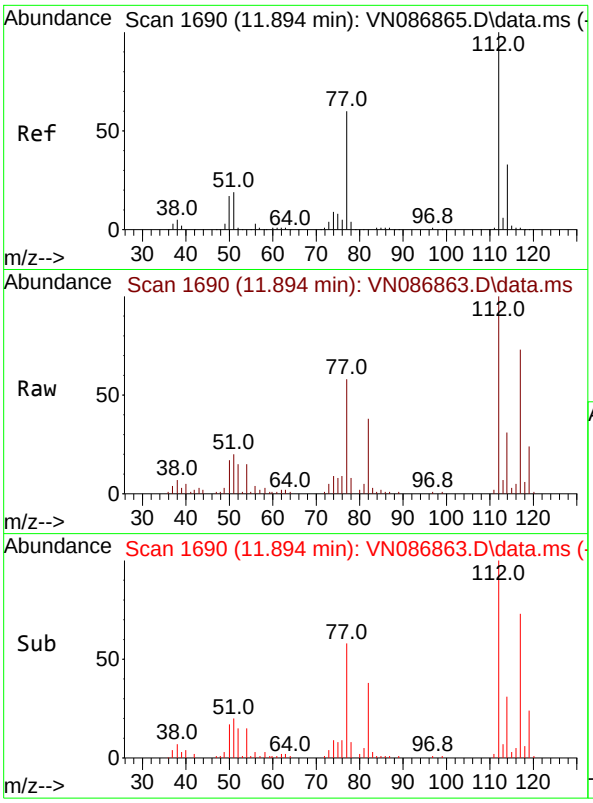


#64
Tetrachloroethene
Concen: 5.236 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:164 Resp: 12322

Ion	Ratio	Lower	Upper
164	100		
166	117.9	101.8	152.8
129	96.6	83.0	124.4
131	88.0	78.2	117.2

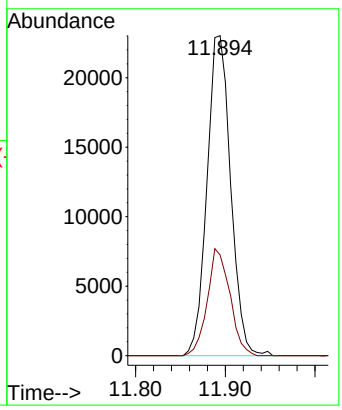




#65
Chlorobenzene
Concen: 5.145 ug/l
RT: 11.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:112 Resp: 4219

Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.2	39.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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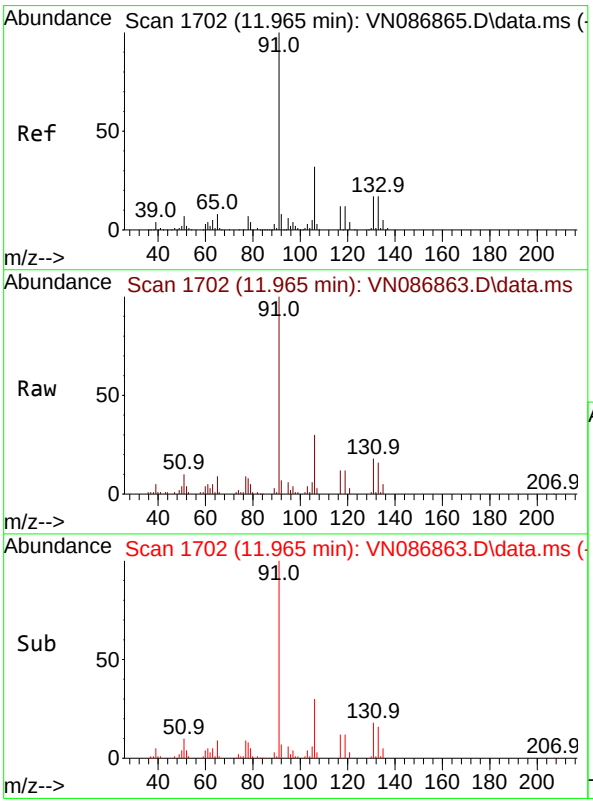
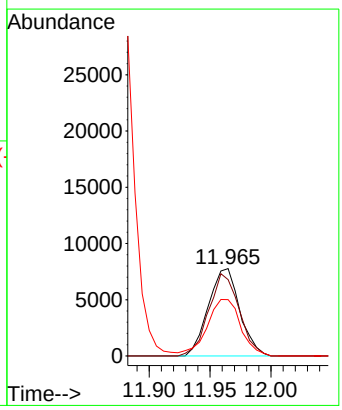
Supervised By :Mahesh Dadoda 06/09/2025

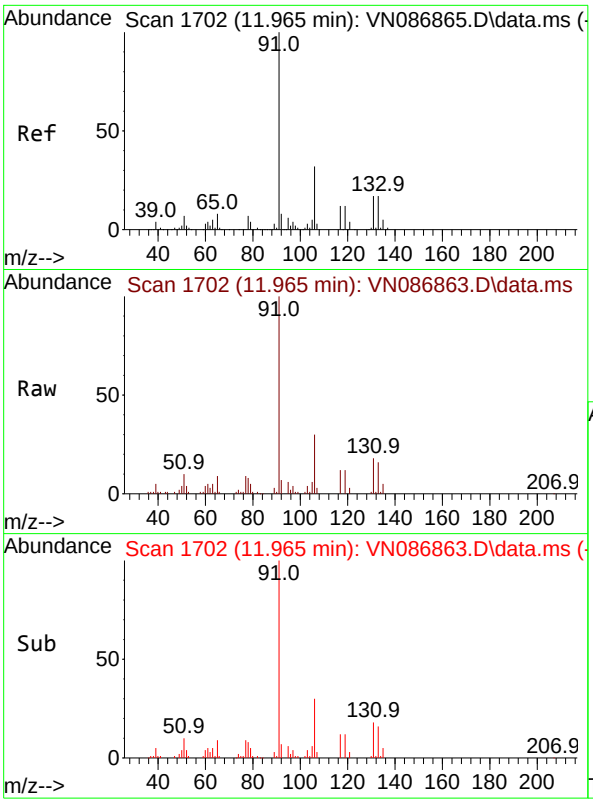


#66
1,1,1,2-Tetrachloroethane
Concen: 5.271 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:131 Resp: 13897

Ion	Ratio	Lower	Upper
131	100		
133	91.7	48.3	144.8
119	69.1	34.0	101.8





#67
Ethyl Benzene
Concen: 5.199 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 91 Resp: 7344

Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.4	38.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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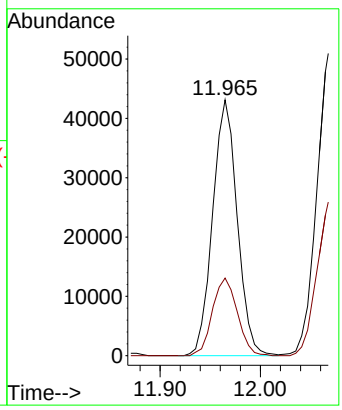
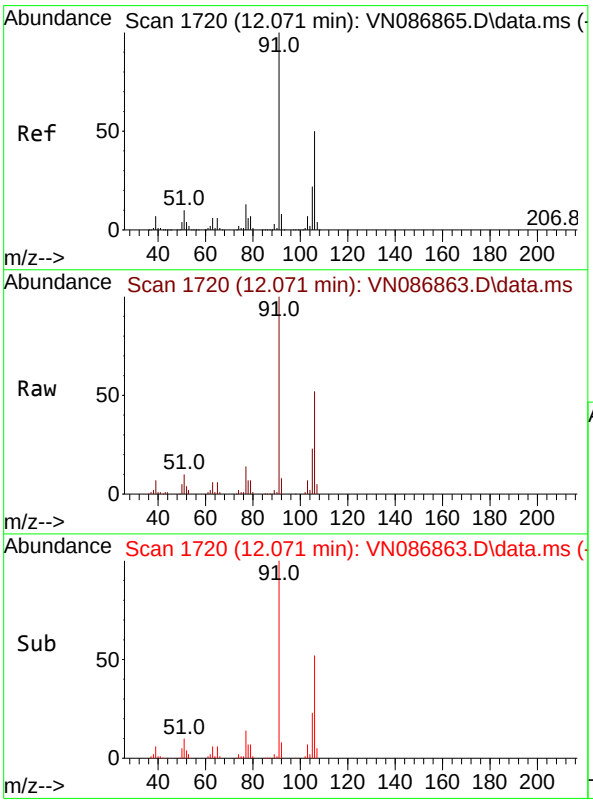
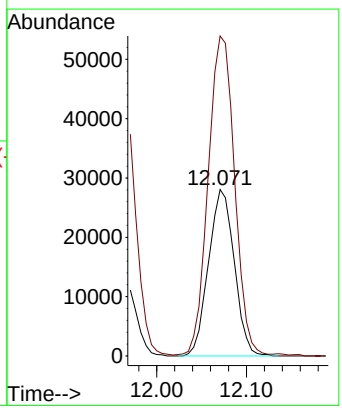


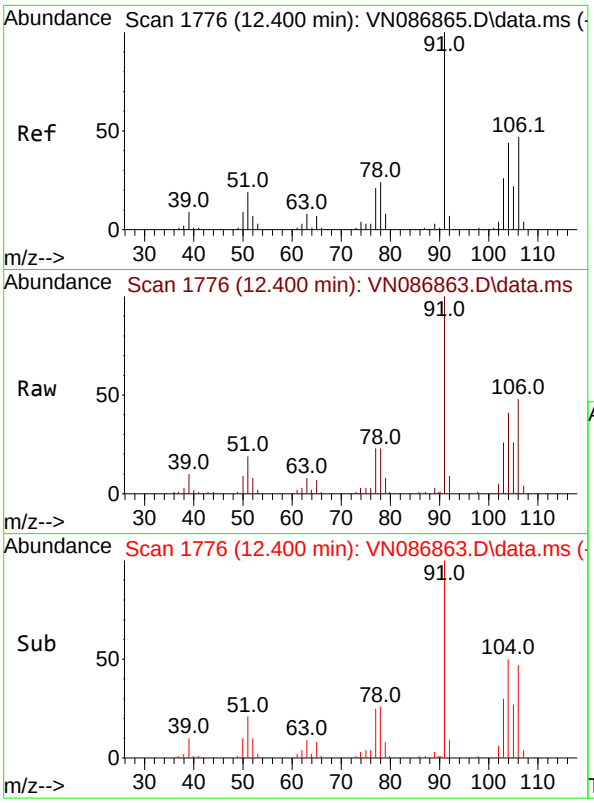


#68
m/p-Xylenes
Concen: 10.330 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:106 Resp: 55859

Ion	Ratio	Lower	Upper
106	100		
91	199.0	159.4	239.0

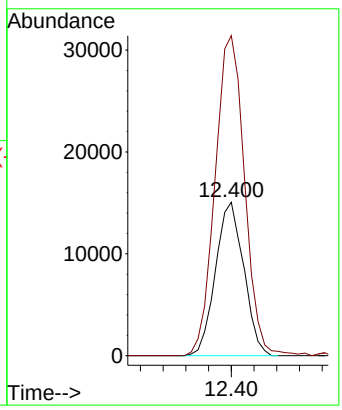




#69
o-Xylene
Concen: 5.021 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:106 Resp: 2600

Ion	Ratio	Lower	Upper
106	100		
91	218.1	106.1	318.1



Instrument :
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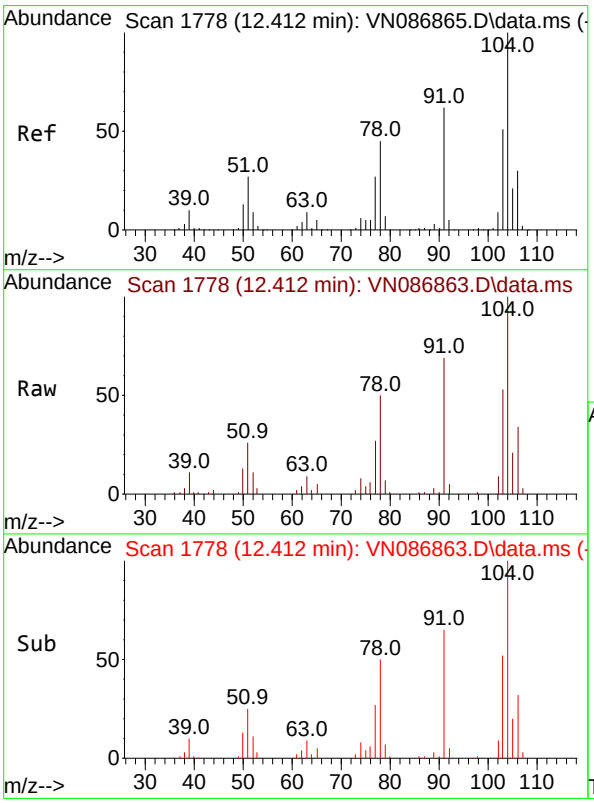
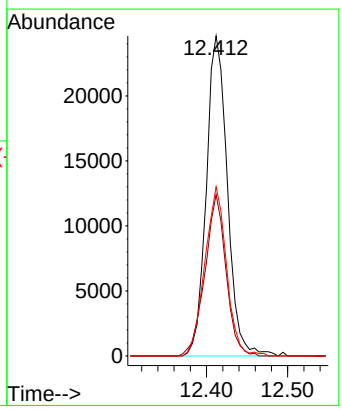
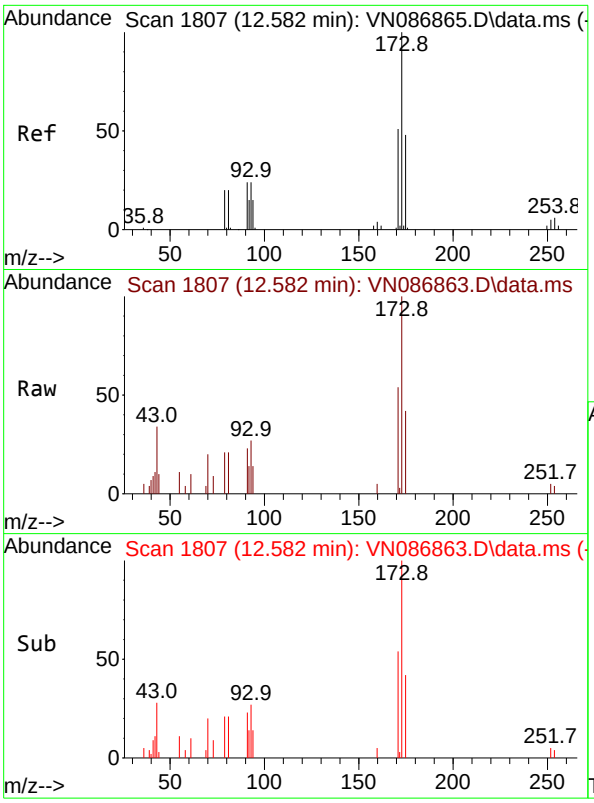


#70
Styrene
Concen: 5.008 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:104 Resp: 44380

Ion	Ratio	Lower	Upper
104	100		
78	50.4	38.5	57.7
103	54.4	43.1	64.7

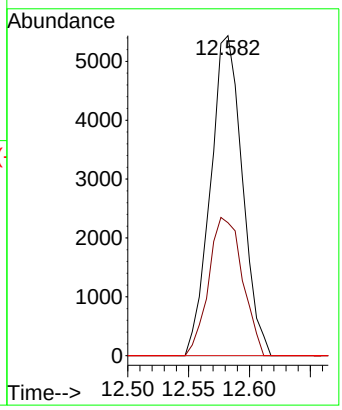




#71
Bromoform
Concen: 5.063 ug/l
RT: 12.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:173 Resp: 989

Ion	Ratio	Lower	Upper
173	100		
175	45.8	24.1	72.4
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
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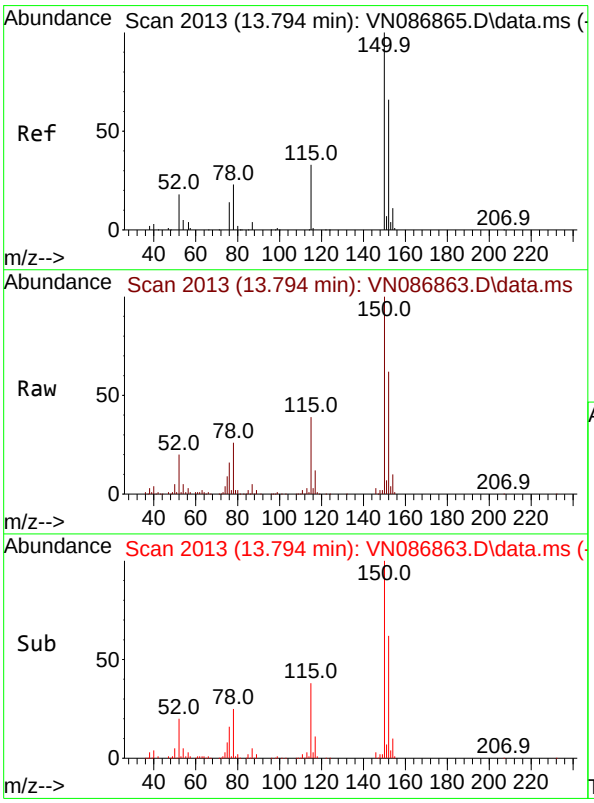
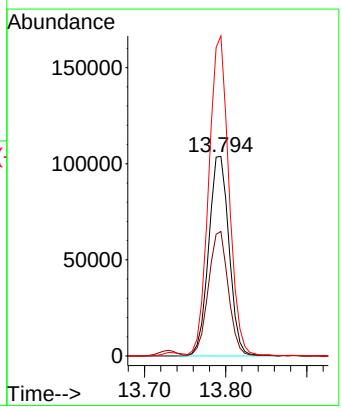
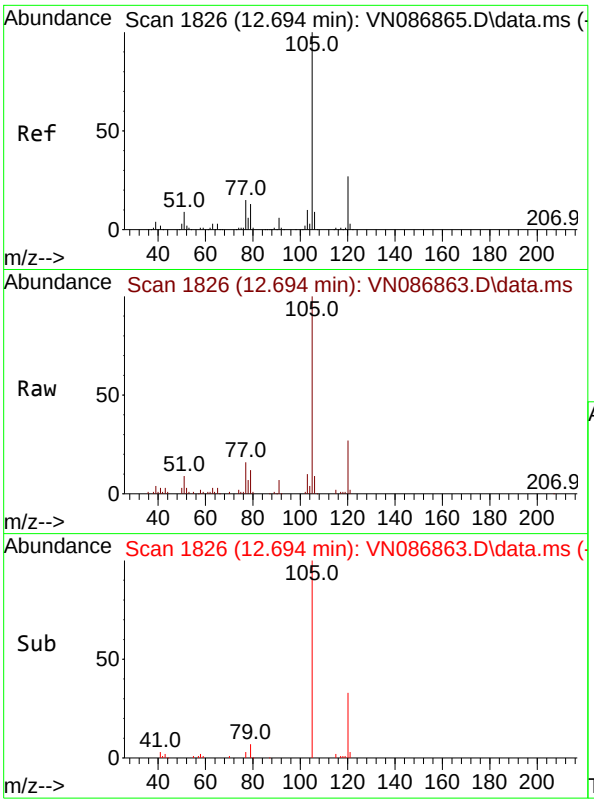


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:152 Resp: 181065

Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.1	90.5
150	157.8	0.0	345.0

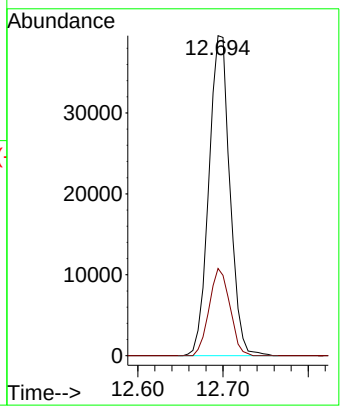




#73
Isopropylbenzene
Concen: 5.146 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:105 Resp: 6787

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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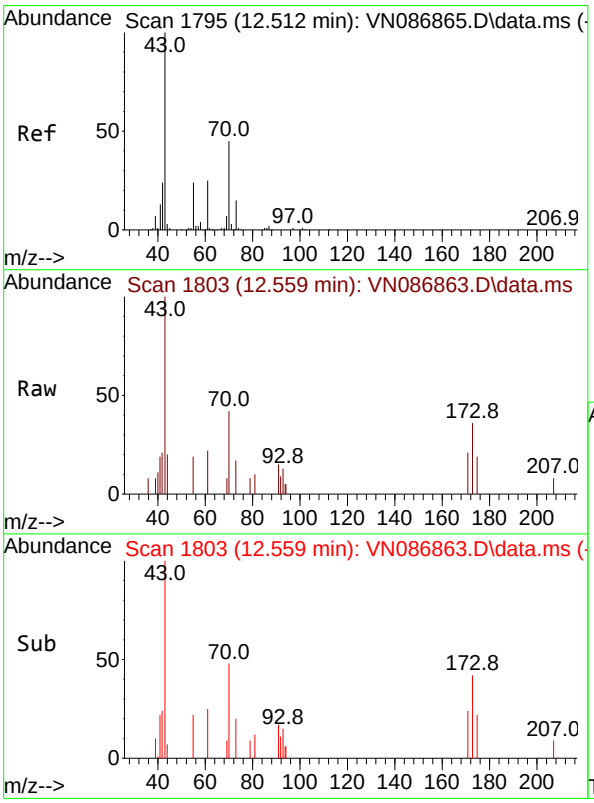
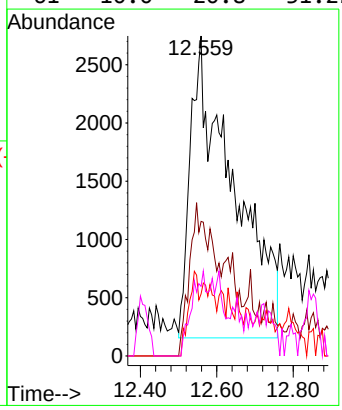
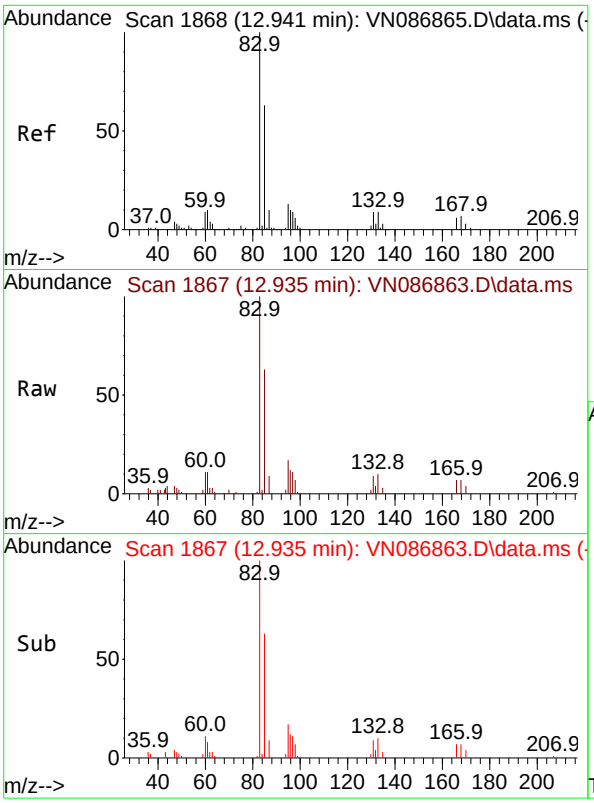


#74
N-amyl acetate
Concen: 4.590 ug/l m
RT: 12.559 min Scan# 1803
Delta R.T. 0.047 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 20096

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.6	56.4#
55	0.0	19.0	28.6#
61	10.0	20.8	31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 5.262 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 83 Resp: 2351

Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.9	14.7
85	65.1	32.0	96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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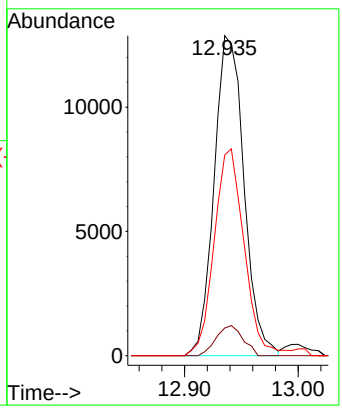
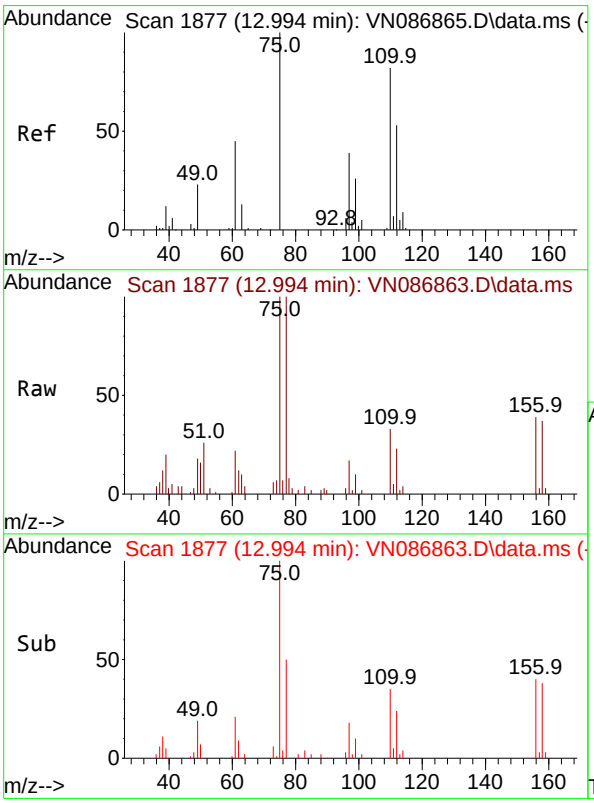
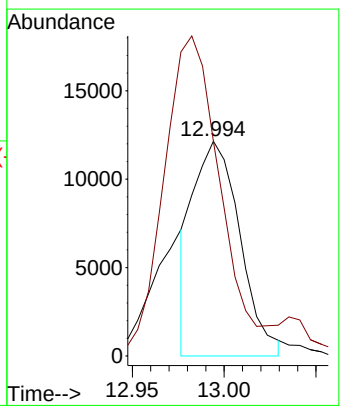


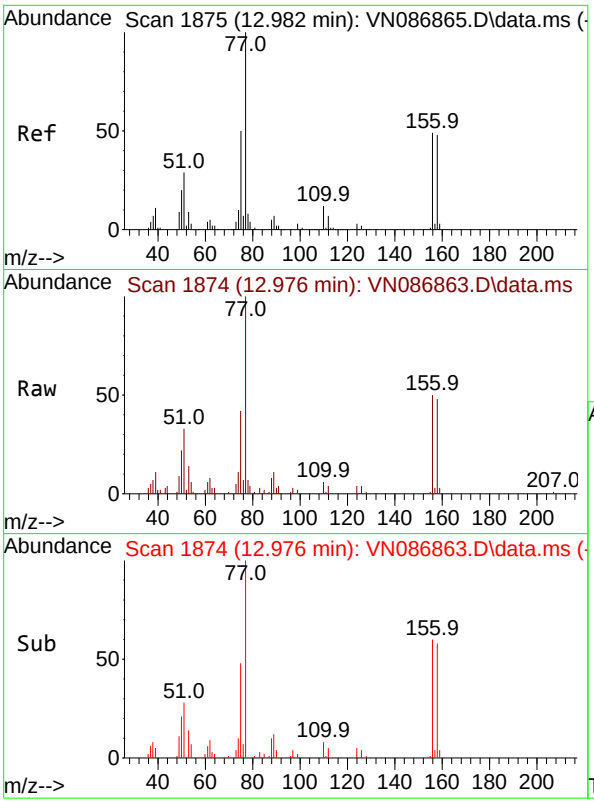


#76
1,2,3-Trichloropropane
Concen: 4.986 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 21527

Ion	Ratio	Lower	Upper
75	100		
77	179.7	79.3	237.9

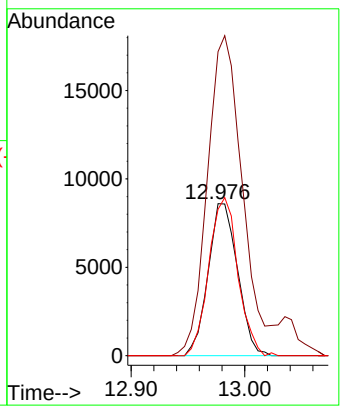




#77
Bromobenzene
Concen: 5.119 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:156 Resp: 1548

Ion	Ratio	Lower	Upper
156	100		
77	249.9	117.7	353.1
158	102.9	48.1	144.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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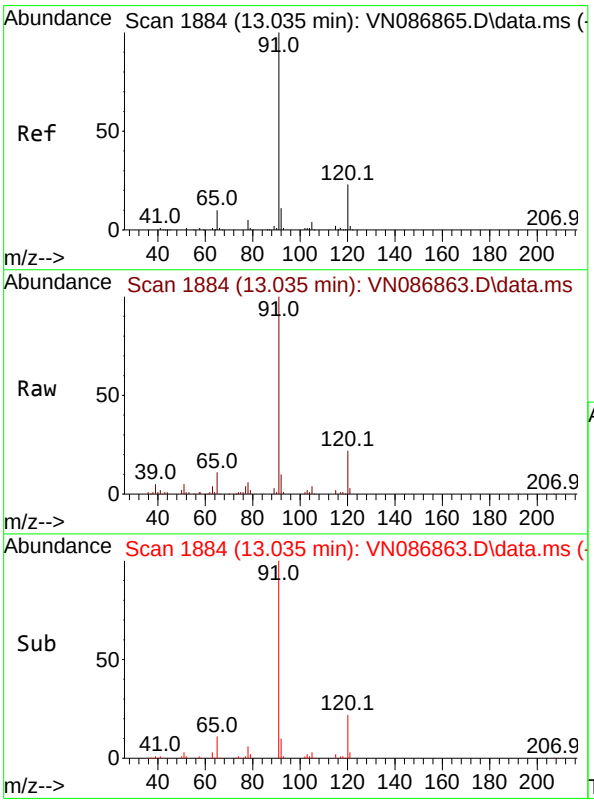
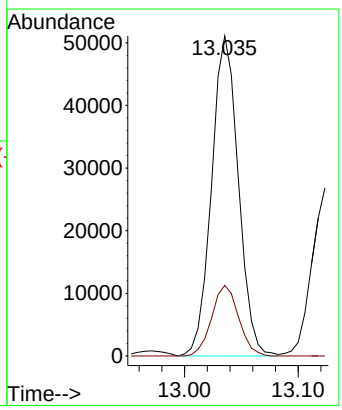
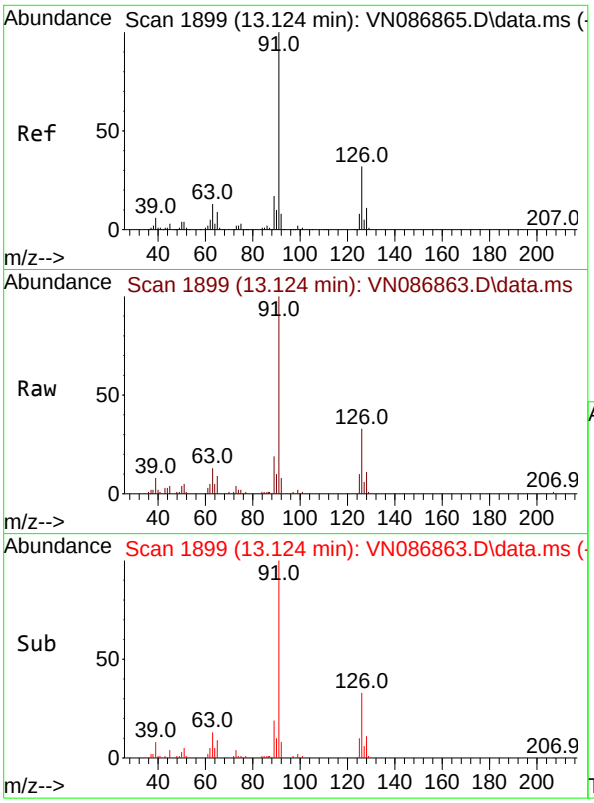


#78
n-propylbenzene
Concen: 5.226 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 91 Resp: 83781

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.4	34.2

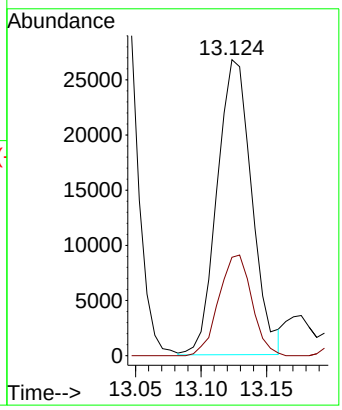




#79
2-Chlorotoluene
Concen: 5.128 ug/l
RT: 13.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 91 Resp: 4929

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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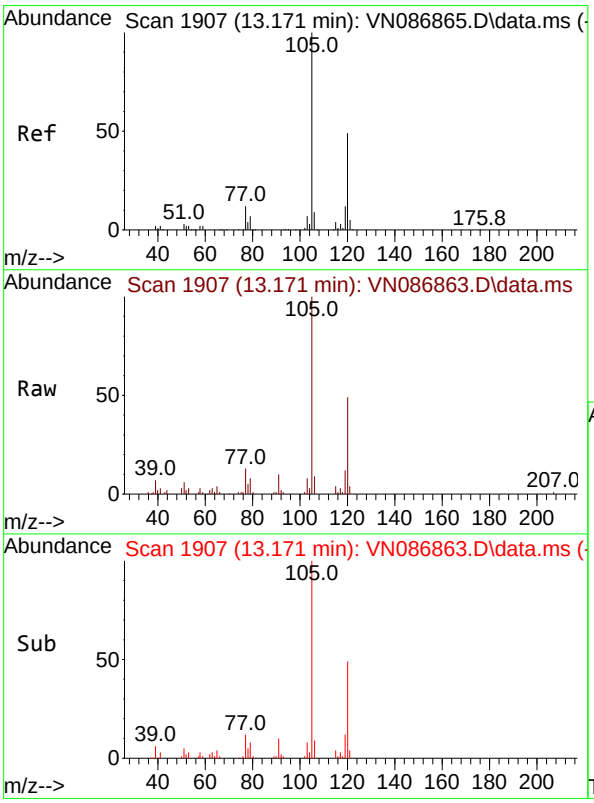
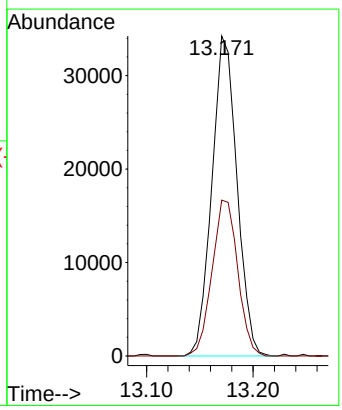
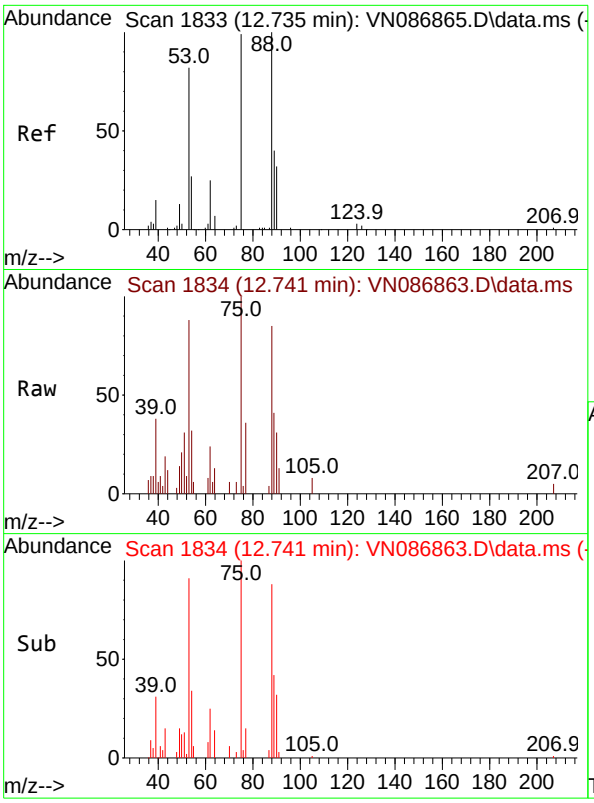


#80
1,3,5-Trimethylbenzene
Concen: 5.139 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:105 Resp: 55961

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.9	74.6

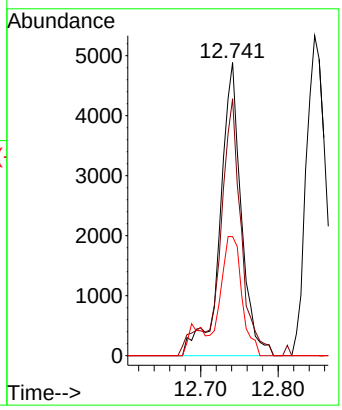




#81
trans-1,4-Dichloro-2-butene
Concen: 4.939 ug/l
RT: 12.741 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 923

Ion	Ratio	Lower	Upper
75	100		
53	88.6	66.6	99.8
89	41.4	36.7	55.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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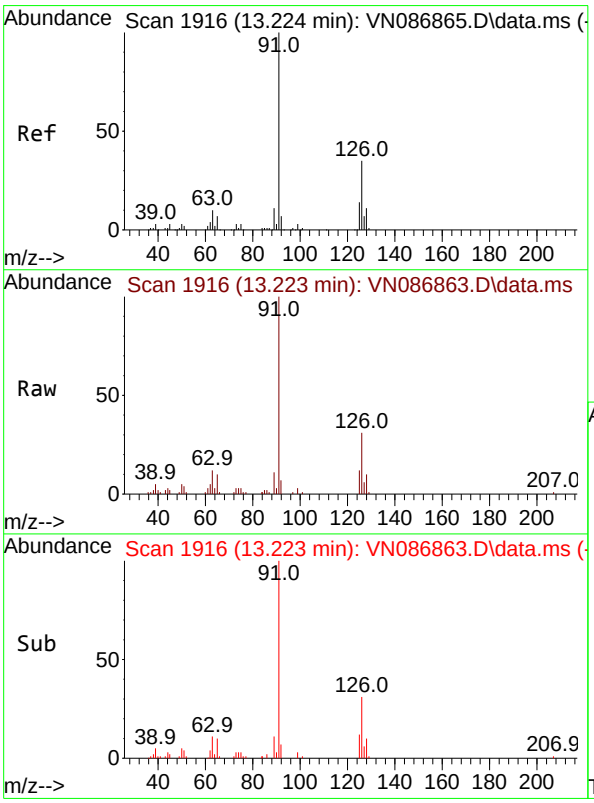
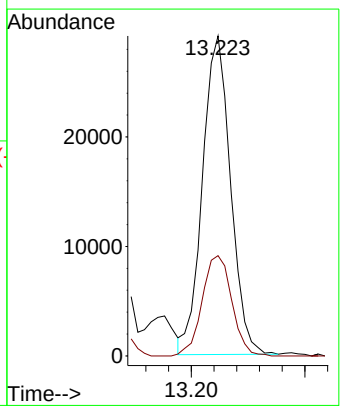
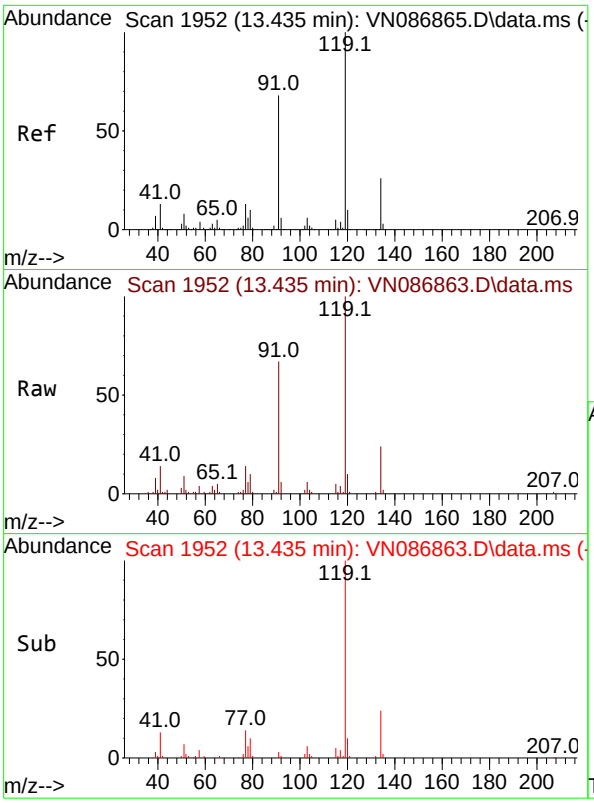


#82
4-Chlorotoluene
Concen: 5.132 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 91 Resp: 49924

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.7	50.1

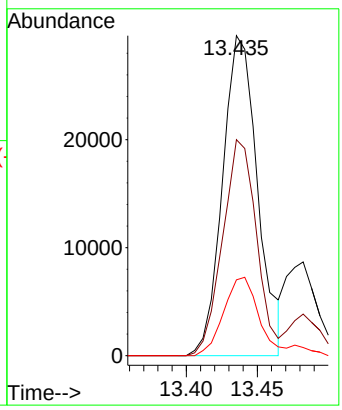




#83
tert-Butylbenzene
Concen: 5.103 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:119 Resp: 5087

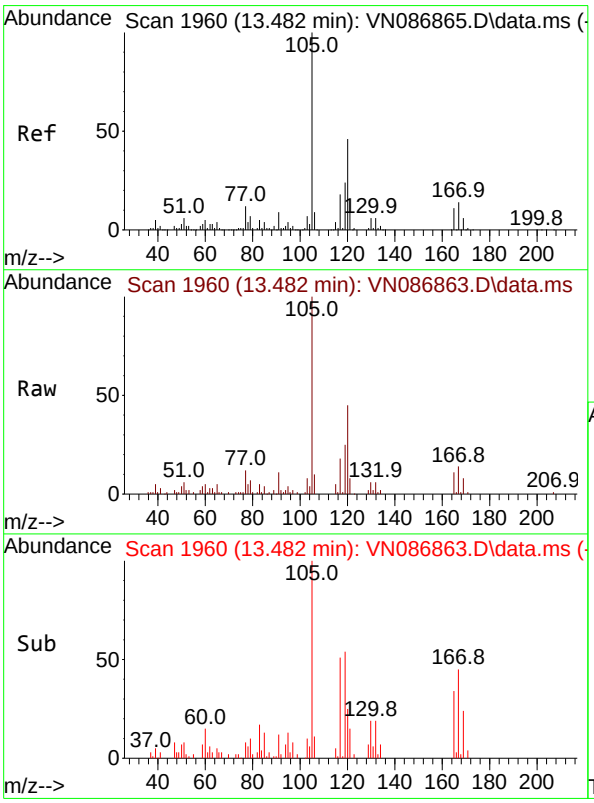
Ion	Ratio	Lower	Upper
119	100		
91	65.3	32.1	96.5
134	24.5	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

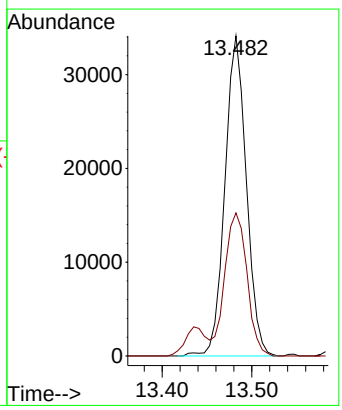
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

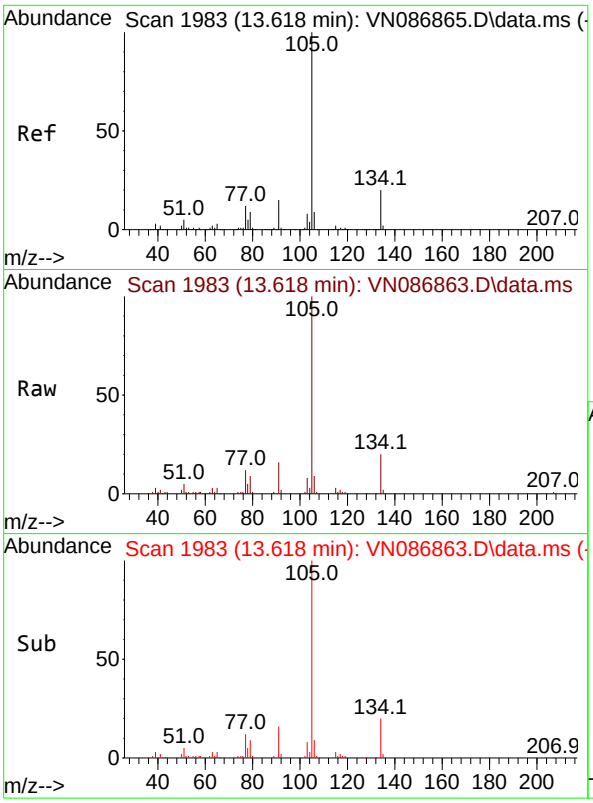


#84
1,2,4-Trimethylbenzene
Concen: 5.176 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:105 Resp: 56525

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.2	69.6





#85
sec-Butylbenzene
Concen: 5.161 ug/l
RT: 13.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

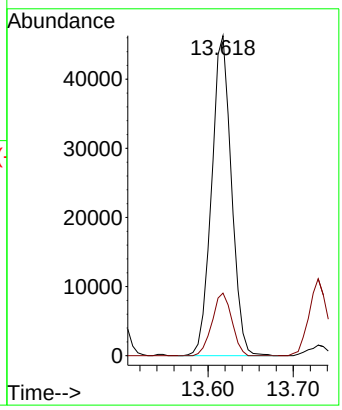
Tgt Ion:105 Resp: 7471

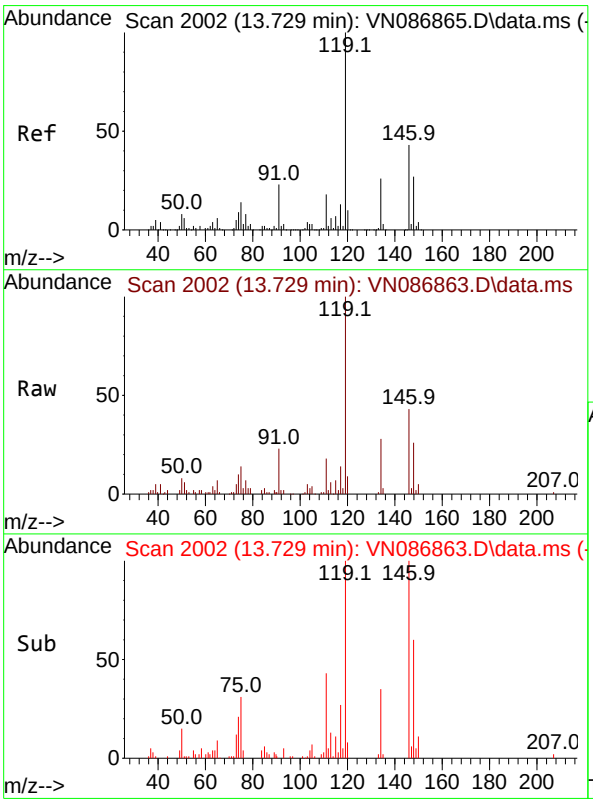
Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.0	30.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

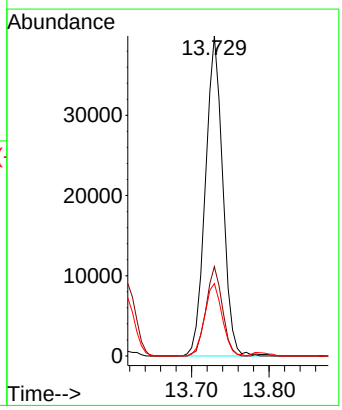


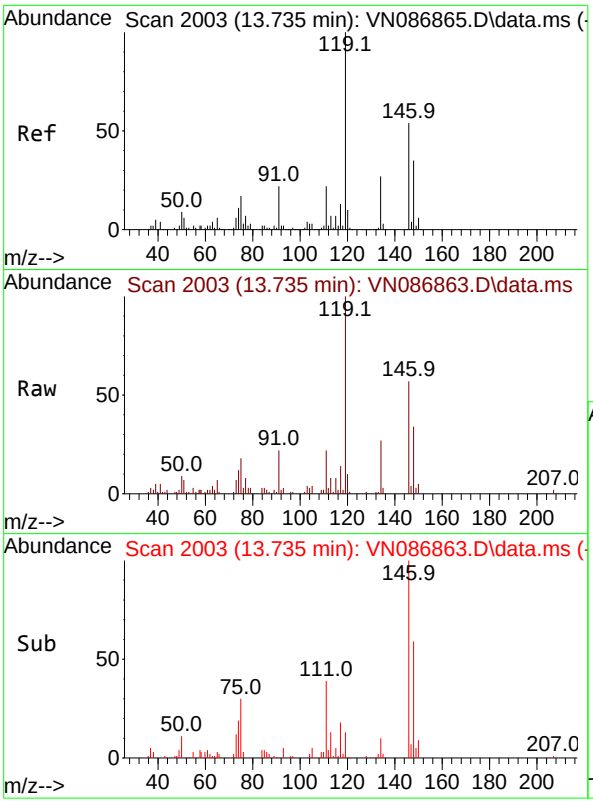


#86
p-Isopropyltoluene
Concen: 5.182 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:119 Resp: 62016

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.4
91	22.9	11.5	34.4

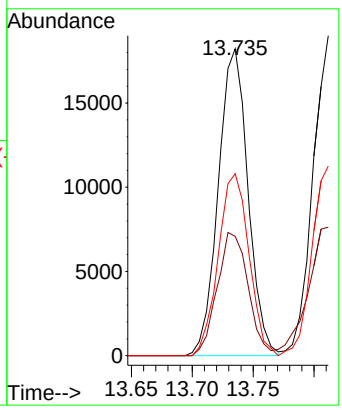




#87
1,3-Dichlorobenzene
Concen: 5.200 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:146 Resp: 3094

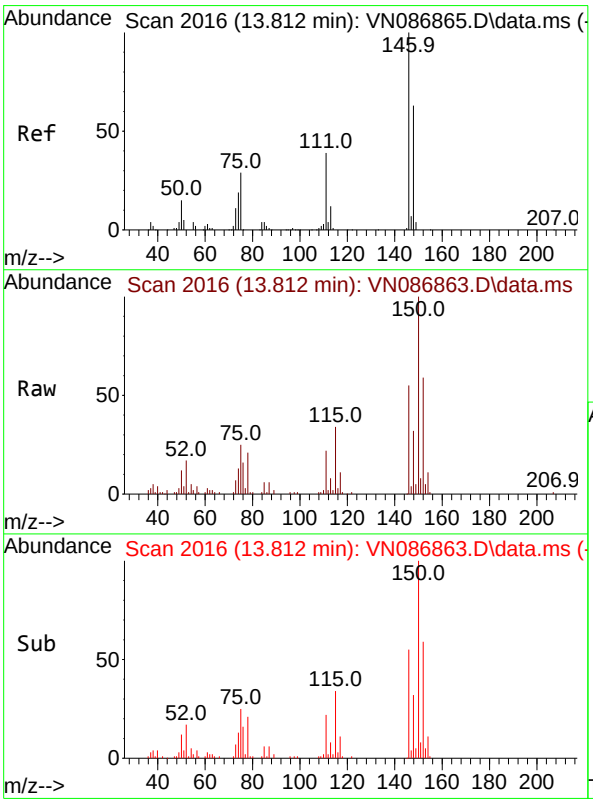
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.8
148	61.1	32.0	96.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

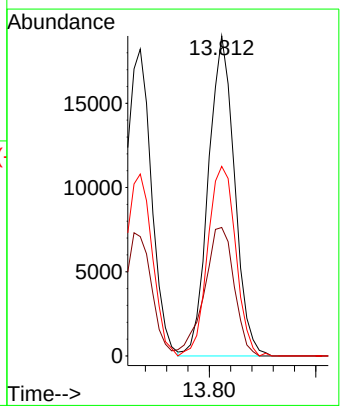
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

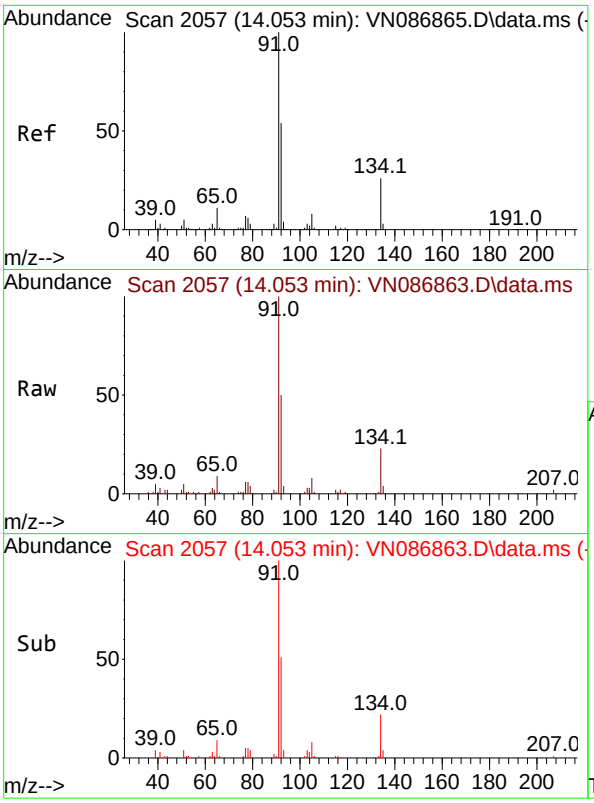


#88
1,4-Dichlorobenzene
Concen: 5.330 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:146 Resp: 32342

Ion	Ratio	Lower	Upper
146	100		
111	46.1	19.9	59.7
148	63.3	31.8	95.4





#89
n-Butylbenzene
Concen: 5.142 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

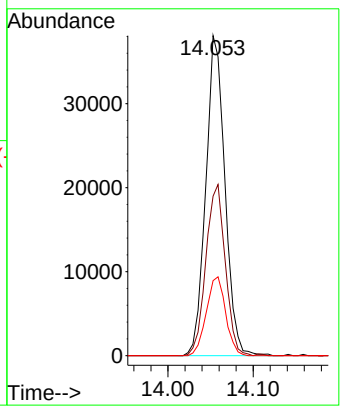
Tgt Ion: 91 Resp: 5960

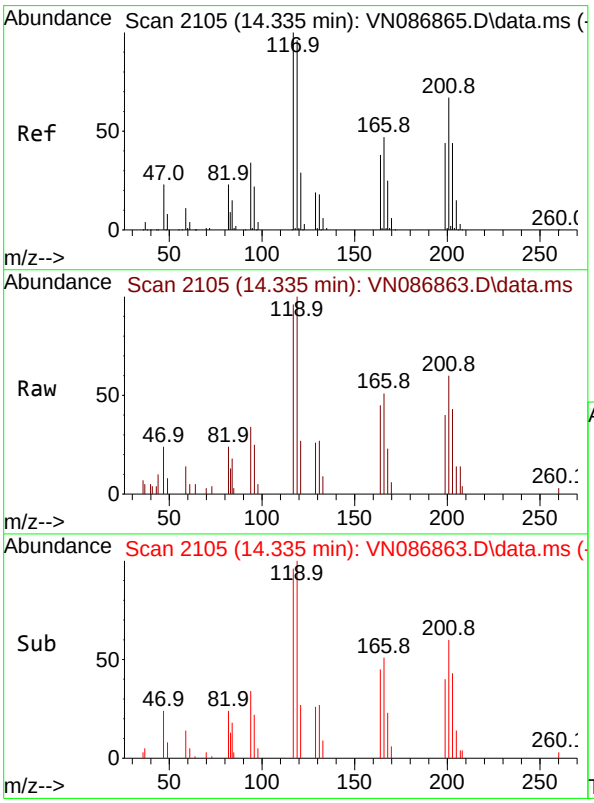
Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.5	82.4
134	24.9	13.0	39.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

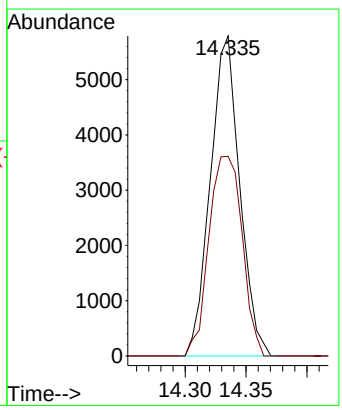


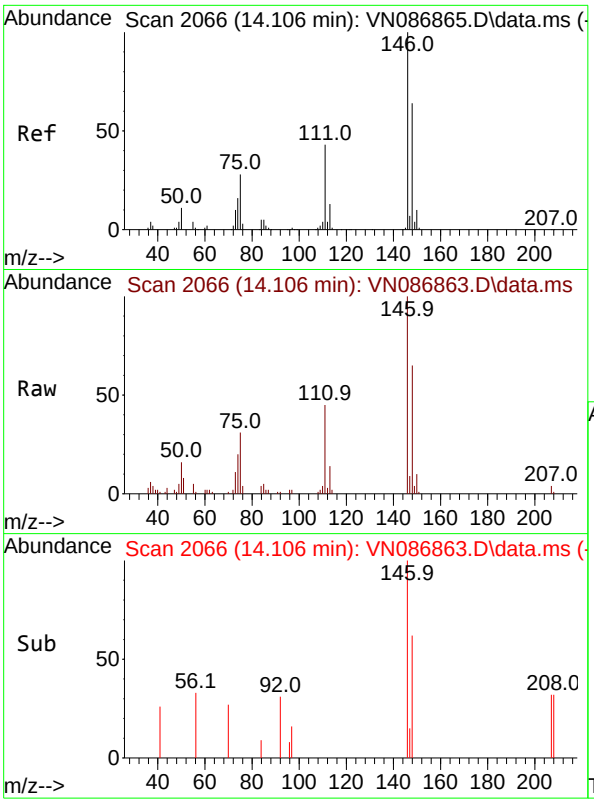


#90
Hexachloroethane
Concen: 4.794 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:117 Resp: 9725

Ion	Ratio	Lower	Upper
117	100		
201	70.6	33.2	99.6

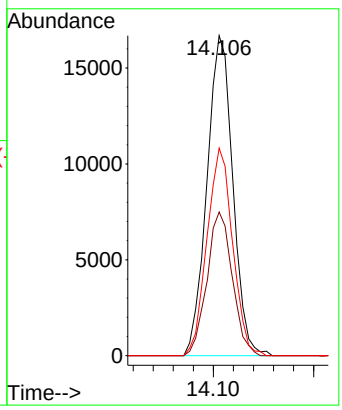




#91
1,2-Dichlorobenzene
Concen: 5.228 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:146 Resp: 2989

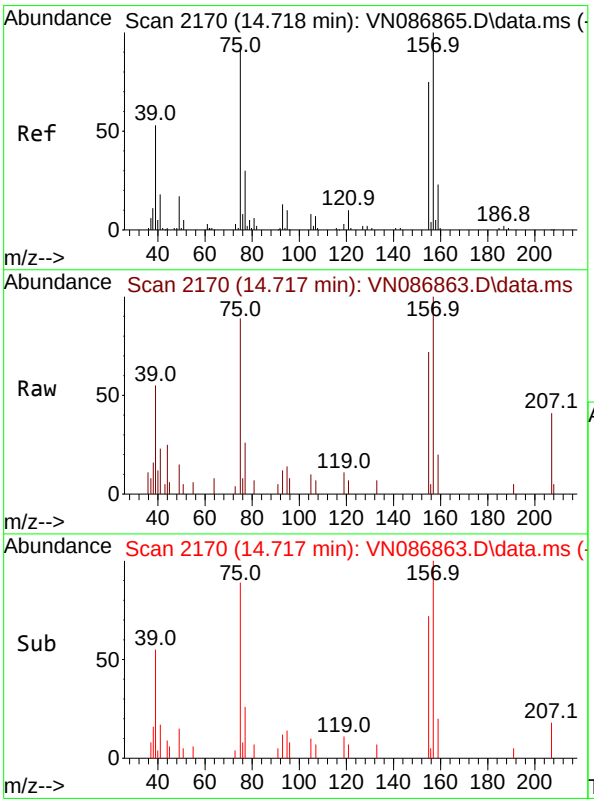
Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.6	64.6
148	64.3	31.7	95.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

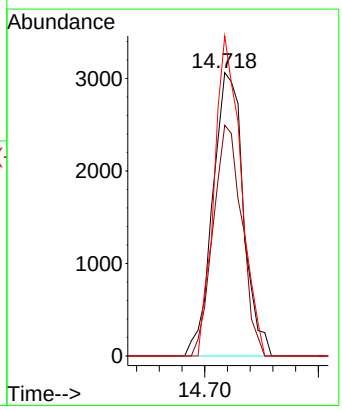
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

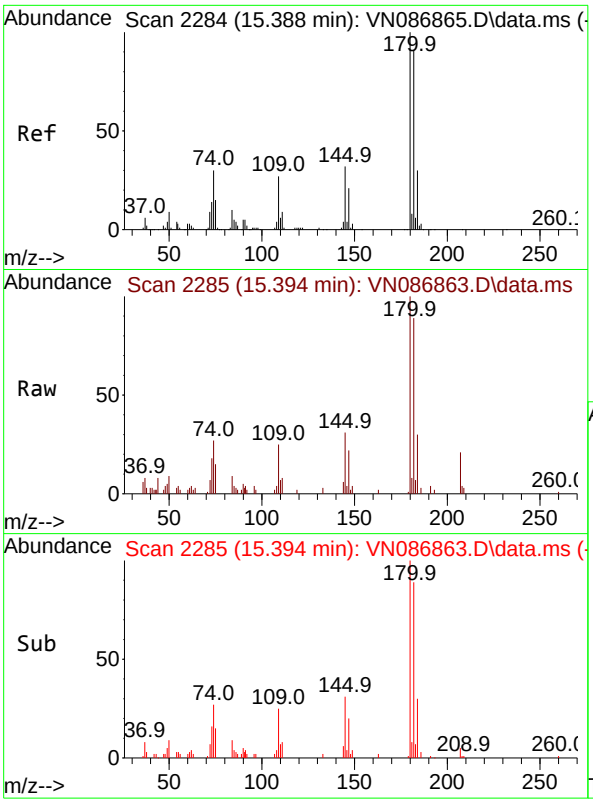


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.363 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 5731

Ion	Ratio	Lower	Upper
75	100		
155	76.0	41.1	123.4
157	98.8	52.7	158.1

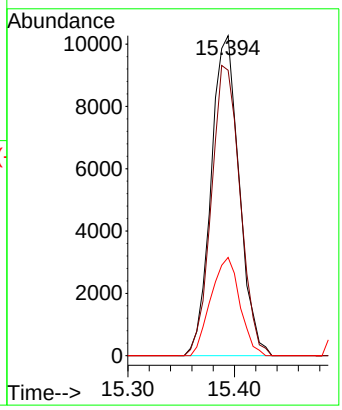




#93
1,2,4-Trichlorobenzene
Concen: 5.143 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:180 Resp: 1877

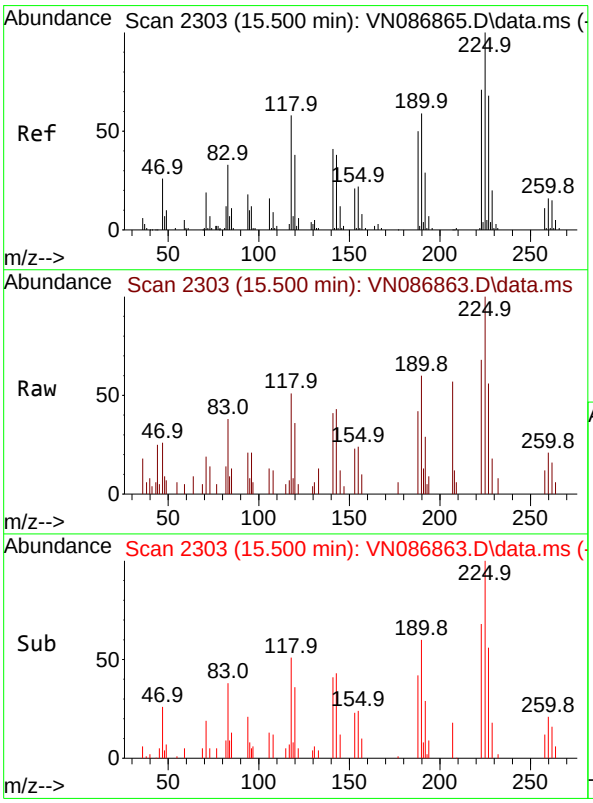
Ion	Ratio	Lower	Upper
180	100		
182	92.6	46.9	140.7
145	31.7	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

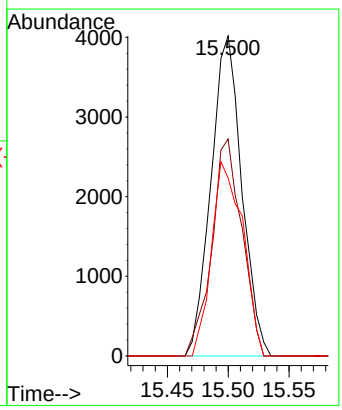
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

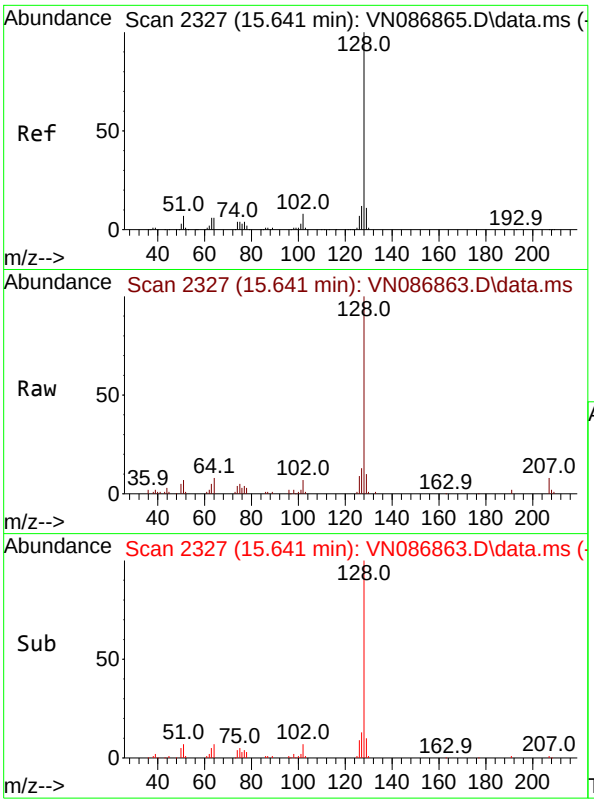


#94
Hexachlorobutadiene
Concen: 5.199 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:225 Resp: 7072

Ion	Ratio	Lower	Upper
225	100		
223	66.4	33.5	100.4
227	61.7	31.1	93.5

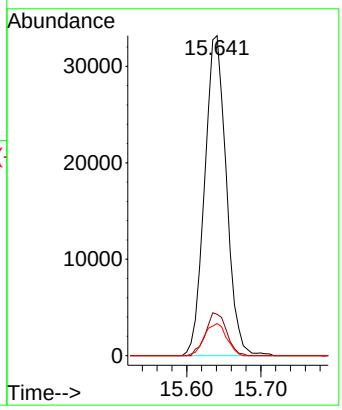




#95
Naphthalene
Concen: 4.965 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:128 Resp: 6748

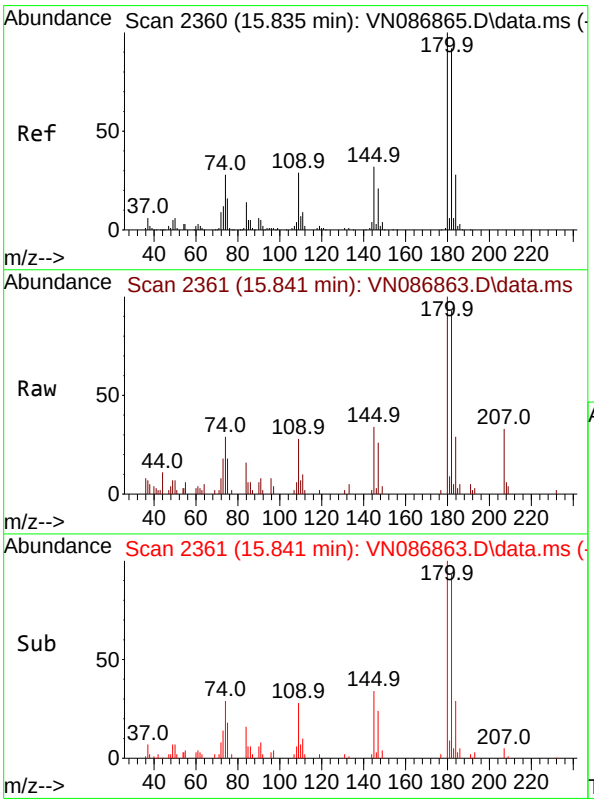
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.3	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

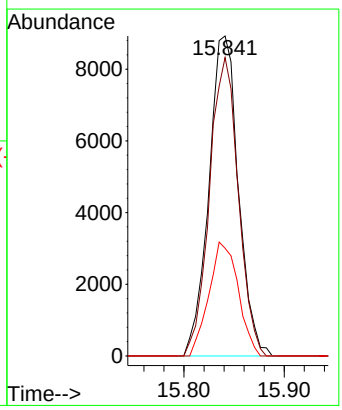
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 5.034 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:180 Resp: 18262

Ion	Ratio	Lower	Upper
180	100		
182	90.9	47.0	141.0
145	35.3	16.6	49.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	224006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	418154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	63390	21.136	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.280%#		
35) Dibromofluoromethane	8.177	113	51797	20.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.800%#		
50) Toluene-d8	10.571	98	201268	20.516	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.040%#		
62) 4-Bromofluorobenzene	12.853	95	74622	20.474	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	40.940%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.159	85	48254	21.605	ug/l	92
3) Chloromethane	2.401	50	57778	20.033	ug/l	93
4) Vinyl Chloride	2.559	62	61254	20.589	ug/l	99
5) Bromomethane	3.006	94	34022	20.435	ug/l	95
6) Chloroethane	3.159	64	39625	20.619	ug/l	99
7) Trichlorofluoromethane	3.524	101	80978	20.832	ug/l	94
8) Diethyl Ether	3.983	74	34288	20.245	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.395	101	50458	20.661	ug/l	98
10) Methyl Iodide	4.612	142	65360	20.646	ug/l	98
11) Tert butyl alcohol	5.547	59	87102	107.031	ug/l	99
12) 1,1-Dichloroethene	4.359	96	50485	20.249	ug/l	96
13) Acrolein	4.200	56	22866	88.767	ug/l	97
14) Allyl chloride	5.047	41	82924	20.055	ug/l	98
15) Acrylonitrile	5.742	53	199498	104.881	ug/l	99
16) Acetone	4.447	43	163979	103.099	ug/l	98
17) Carbon Disulfide	4.736	76	138195	20.038	ug/l	97
18) Methyl Acetate	5.047	43	96547	20.830	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	183780	20.358	ug/l	98
20) Methylene Chloride	5.294	84	57611	19.348	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	55643	20.059	ug/l	94
22) Diisopropyl ether	6.689	45	182472	20.935	ug/l	98
23) Vinyl Acetate	6.624	43	768556	104.365	ug/l	99
24) 1,1-Dichloroethane	6.583	63	103578	20.650	ug/l	99
25) 2-Butanone	7.494	43	270477	104.621	ug/l	100
26) 2,2-Dichloropropane	7.506	77	69692	17.862	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	68292	20.585	ug/l	98
28) Bromochloromethane	7.824	49	55196	22.381	ug/l	99
29) Tetrahydrofuran	7.853	42	178571	106.031	ug/l	99
30) Chloroform	7.977	83	102615	20.485	ug/l	93
31) Cyclohexane	8.271	56	100026	20.563	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	86810	20.376	ug/l	98
36) 1,1-Dichloropropene	8.383	75	73252	19.838	ug/l	100
37) Ethyl Acetate	7.571	43	96467	20.522	ug/l	98
38) Carbon Tetrachloride	8.377	117	72628	20.034	ug/l	97
39) Methylcyclohexane	9.606	83	98425	19.455	ug/l	99
40) Benzene	8.612	78	241444	19.996	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	53244	20.169	ug/l		98
42) 1,2-Dichloroethane	8.677	62	74238	20.270	ug/l		100
43) Isopropyl Acetate	8.694	43	151601	20.094	ug/l		99
44) Trichloroethene	9.359	130	57110	19.946	ug/l		96
45) 1,2-Dichloropropane	9.630	63	59293	20.184	ug/l		97
46) Dibromomethane	9.712	93	40290	20.648	ug/l		98
47) Bromodichloromethane	9.894	83	80353	20.015	ug/l		98
48) Methyl methacrylate	9.682	41	70457	20.290	ug/l		97
49) 1,4-Dioxane	9.706	88	28231	446.886	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.447	43	481741	106.066	ug/l		99
52) Toluene	10.635	92	148000	20.056	ug/l		98
53) t-1,3-Dichloropropene	10.841	75	87683	19.532	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	94315	19.636	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	57195	20.143	ug/l		99
56) Ethyl methacrylate	10.882	69	94829	20.968	ug/l		98
57) 1,3-Dichloropropane	11.165	76	98205	19.938	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	278986	103.426	ug/l		99
59) 2-Hexanone	11.206	43	303686	103.803	ug/l		95
60) Dibromochloromethane	11.359	129	59961	20.268	ug/l		99
61) 1,2-Dibromoethane	11.471	107	59139	20.320	ug/l		97
64) Tetrachloroethene	11.106	164	45374	19.742	ug/l		96
65) Chlorobenzene	11.894	112	160803	20.076	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	52069	20.223	ug/l		99
67) Ethyl Benzene	11.965	91	277087	20.083	ug/l		98
68) m/p-Xylenes	12.071	106	215378	40.780	ug/l		100
69) o-Xylene	12.400	106	102050	20.175	ug/l		98
70) Styrene	12.412	104	178061	20.572	ug/l		99
71) Bromoform	12.576	173	40070	21.004	ug/l	#	99
73) Isopropylbenzene	12.694	105	264442	20.035	ug/l		100
74) N-amyl acetate	12.523	43	86003	19.633	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.941	83	92264	20.634	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	81846m	18.945	ug/l		
77) Bromobenzene	12.982	156	60877	20.111	ug/l		98
78) n-propylbenzene	13.035	91	322436	20.102	ug/l		100
79) 2-Chlorotoluene	13.123	91	193774	20.144	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	219937	20.183	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	37808	20.209	ug/l		92
82) 4-Chlorotoluene	13.223	91	193544	19.885	ug/l		99
83) tert-Butylbenzene	13.435	119	198303	19.880	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	221990	20.315	ug/l		100
85) sec-Butylbenzene	13.617	105	292563	20.196	ug/l		100
86) p-Isopropyltoluene	13.729	119	240682	20.099	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	120099	20.166	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	120102	19.780	ug/l		97
89) n-Butylbenzene	14.053	91	227536	19.617	ug/l		100
90) Hexachloroethane	14.335	117	41202	20.299	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	115645	20.212	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21025	19.661	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	71826	19.659	ug/l		98
94) Hexachlorobutadiene	15.500	225	27887	20.486	ug/l		97
95) Naphthalene	15.641	128	272584	20.043	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	71929	19.815	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

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ClientSampleId :
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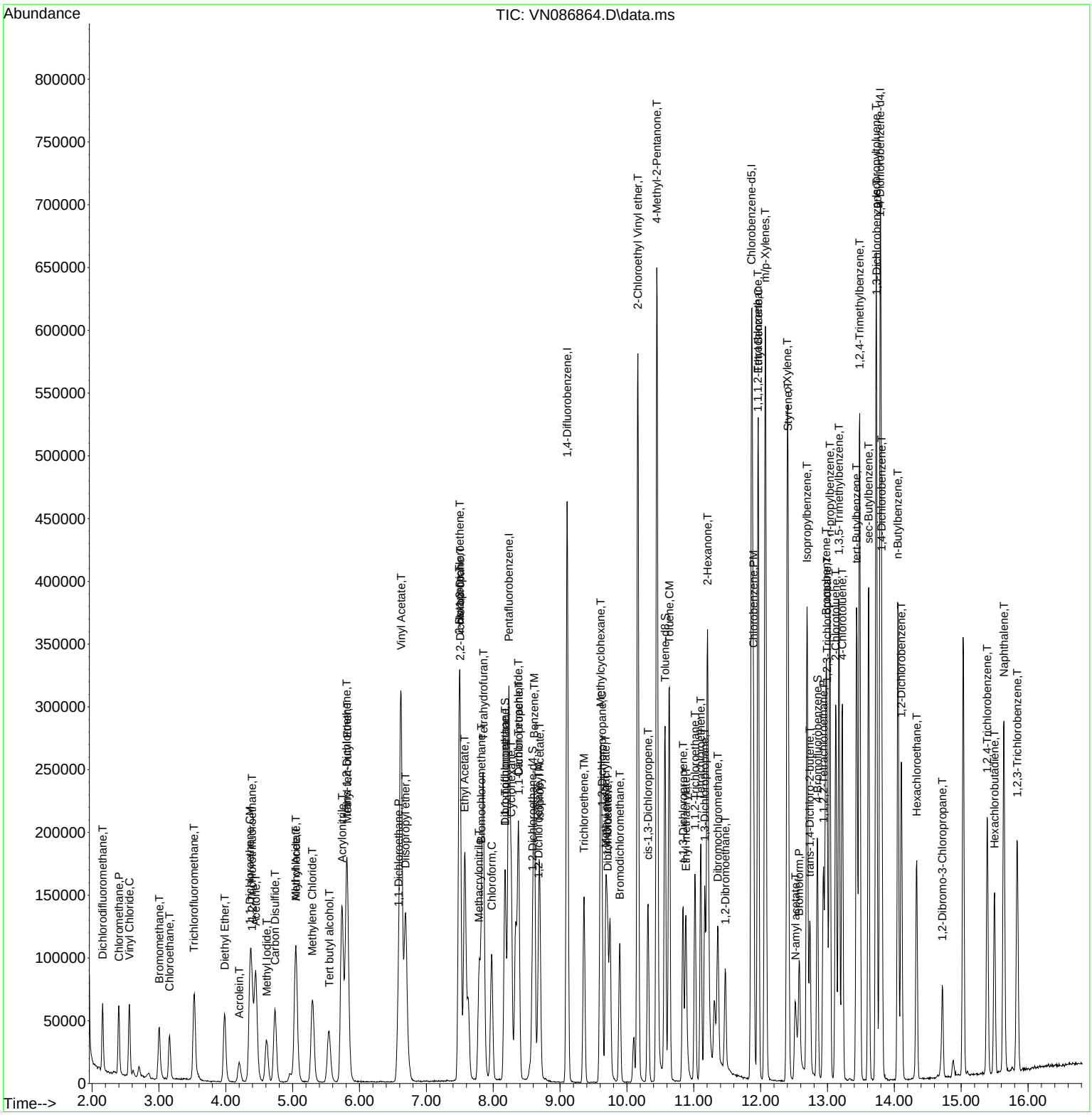
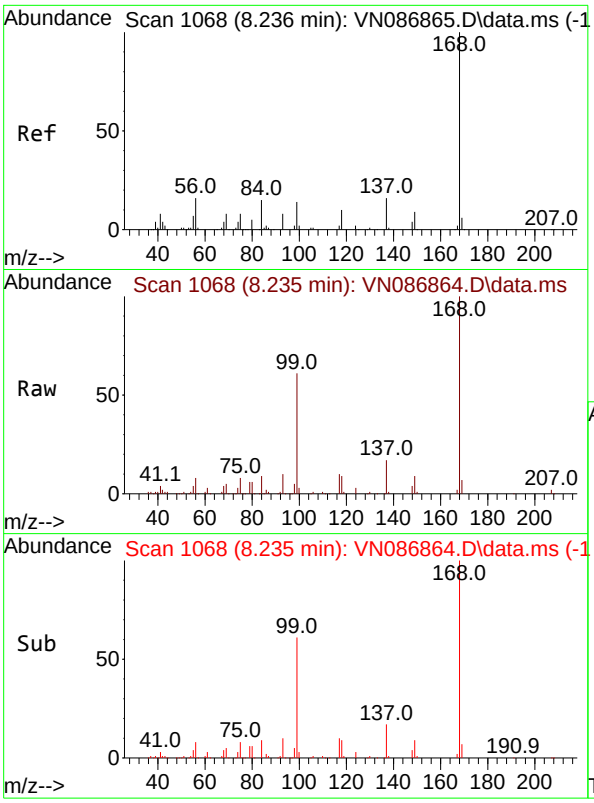
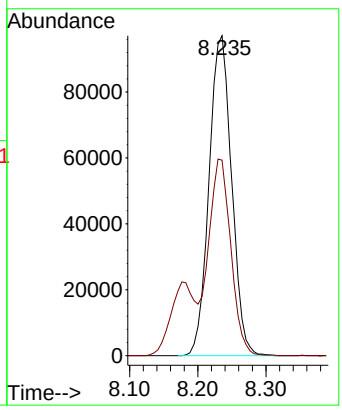




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:168 Resp: 22400

Ion	Ratio	Lower	Upper
168	100		
99	61.1	49.1	73.7



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MSVOA_N
ClientSampleId :
VSTDICC020

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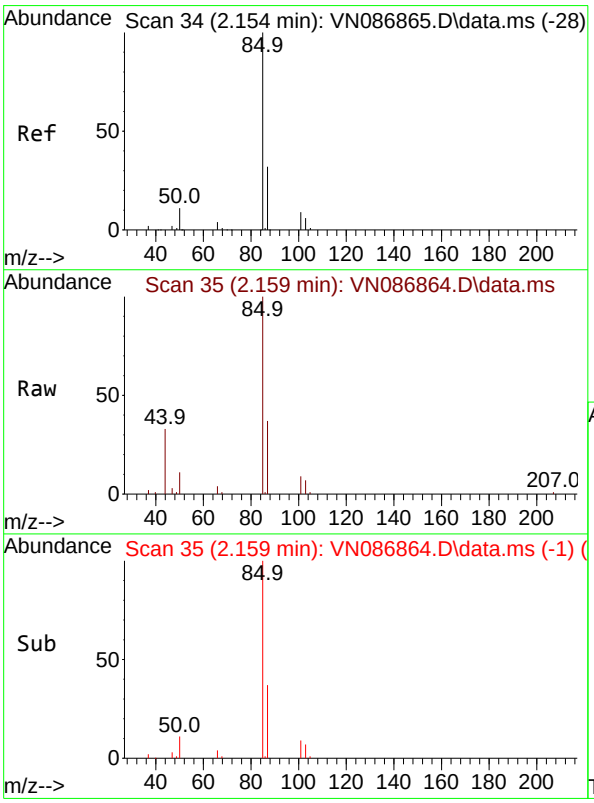
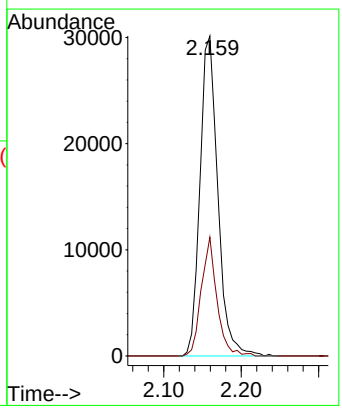
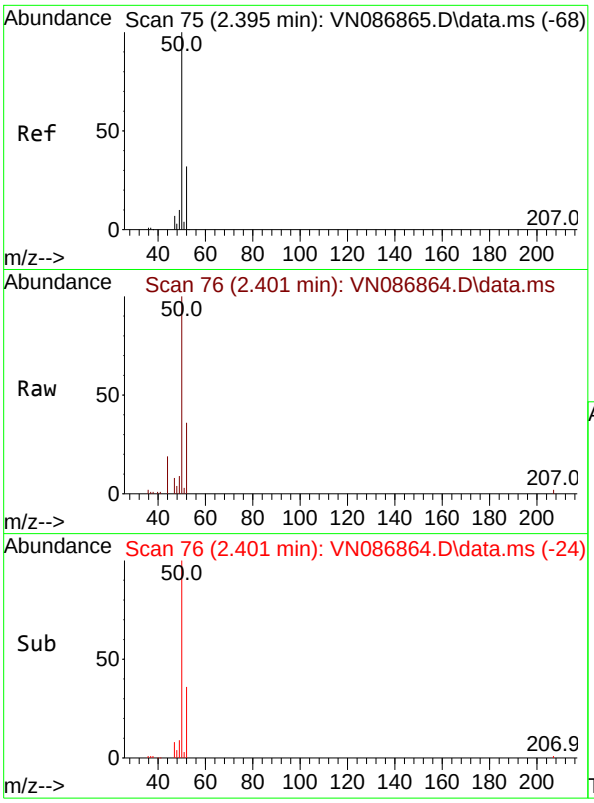


#2
Dichlorodifluoromethane
Concen: 21.605 ug/l
RT: 2.159 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 85 Resp: 48254

Ion	Ratio	Lower	Upper
85	100		
87	37.1	16.2	48.6

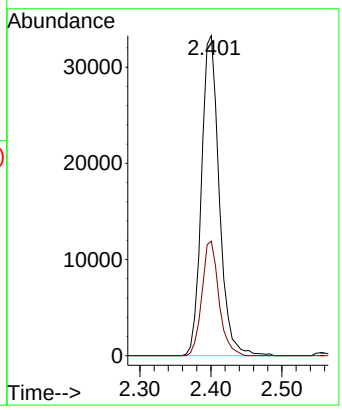




#3
Chloromethane
Concen: 20.033 ug/l
RT: 2.401 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 50 Resp: 5777

Ion	Ratio	Lower	Upper
50	100		
52	35.8	25.7	38.5



Instrument :
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ClientSampleId :
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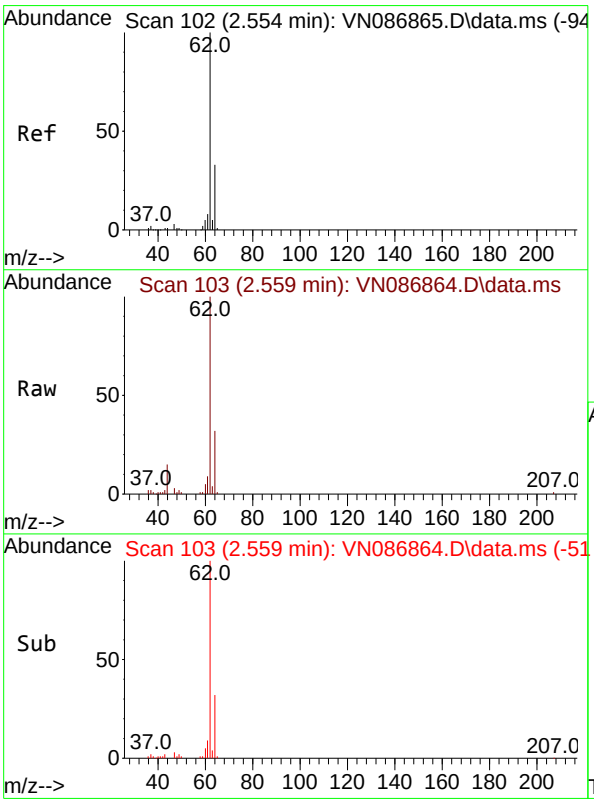
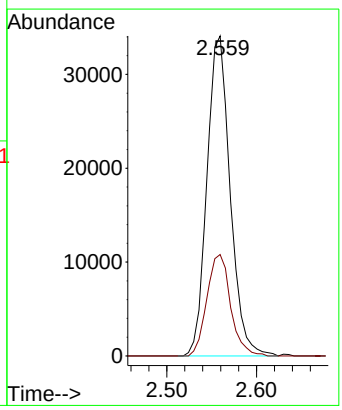
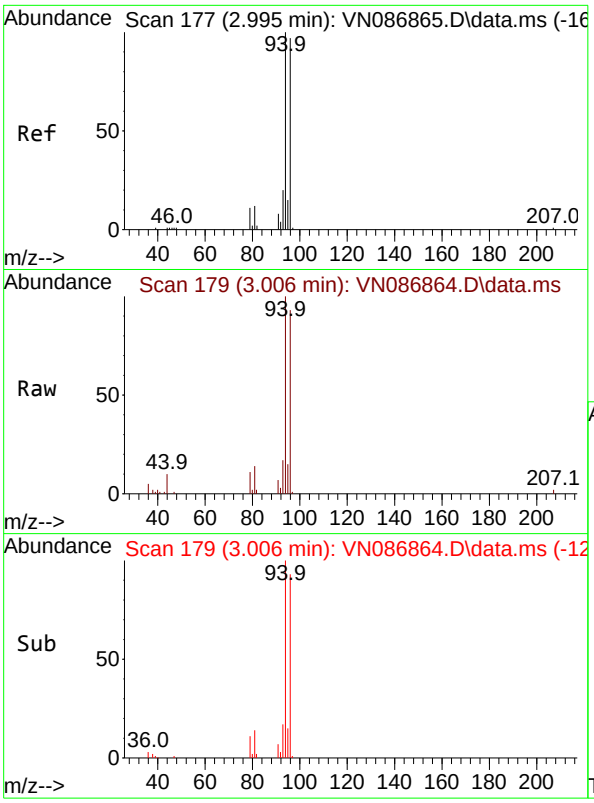


#4
Vinyl Chloride
Concen: 20.589 ug/l
RT: 2.559 min Scan# 103
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 62 Resp: 61254

Ion	Ratio	Lower	Upper
62	100		
64	31.7	26.0	39.0

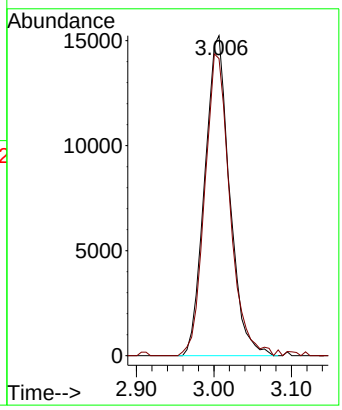




#5
Bromomethane
Concen: 20.435 ug/l
RT: 3.006 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 94 Resp: 3402

Ion	Ratio	Lower	Upper
94	100		
96	92.9	77.9	116.9



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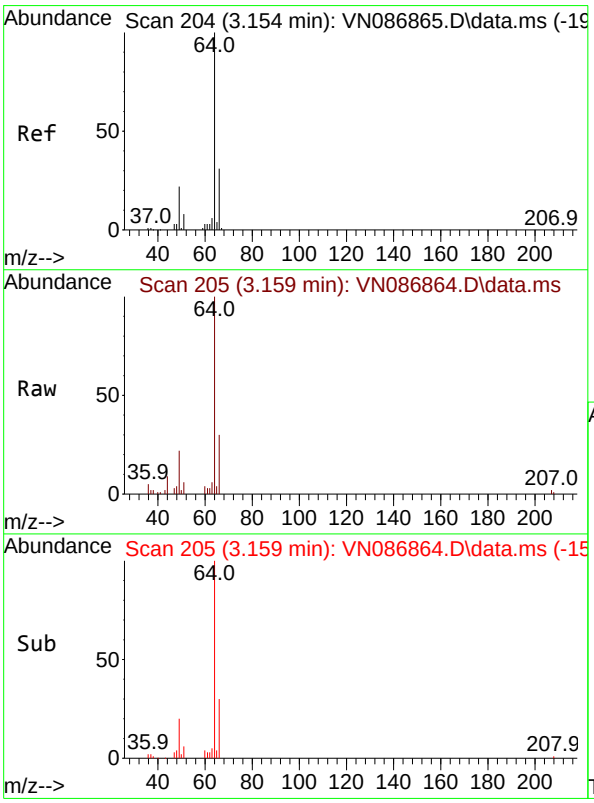
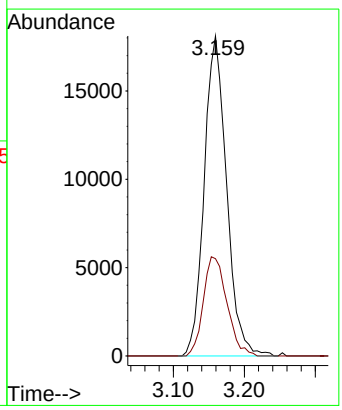
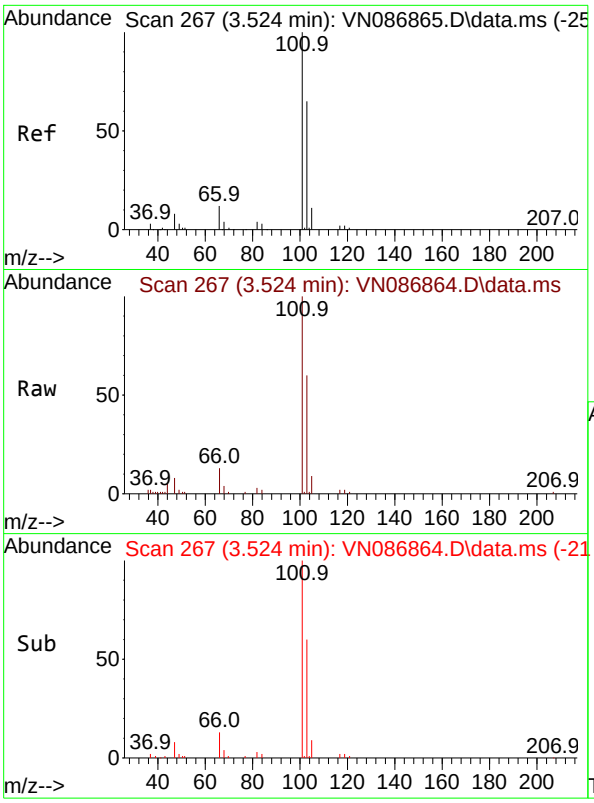


#6
Chloroethane
Concen: 20.619 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 64 Resp: 39625

Ion	Ratio	Lower	Upper
64	100		
66	30.4	24.6	36.8





#7
Trichlorofluoromethane
Concen: 20.832 ug/l
RT: 3.524 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:101 Resp: 8097

Ion	Ratio	Lower	Upper
101	100		
103	60.4	52.2	78.2

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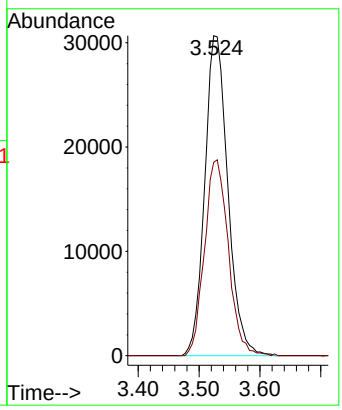
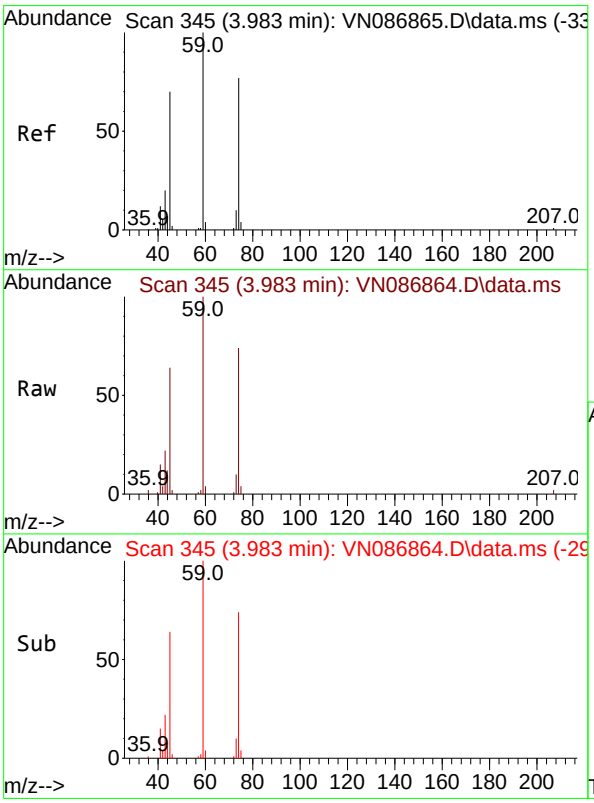
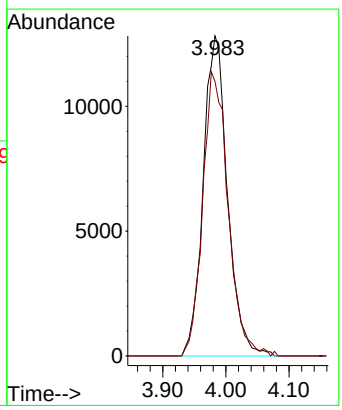


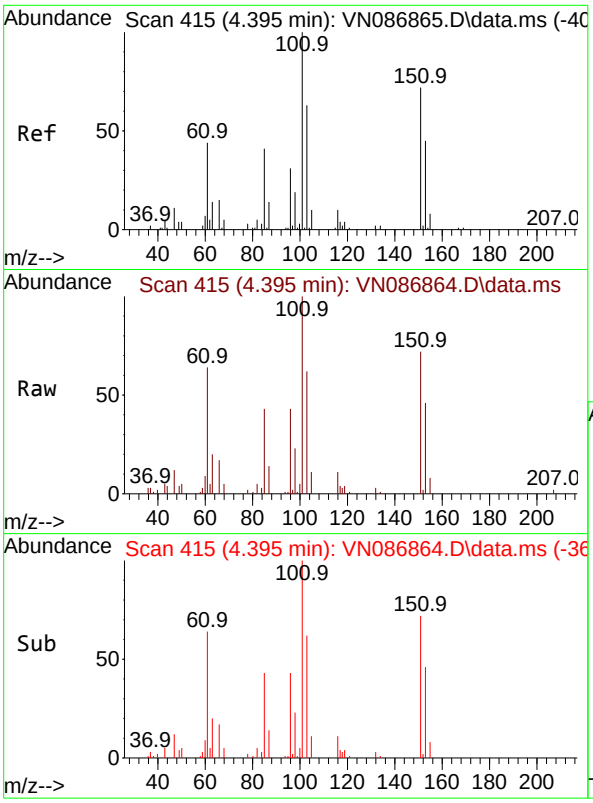


#8
Diethyl Ether
Concen: 20.245 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 74 Resp: 34288

Ion	Ratio	Lower	Upper
74	100		
45	92.9	45.5	136.5

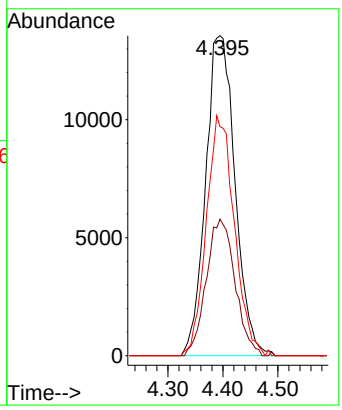




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.661 ug/l
RT: 4.395 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:101 Resp: 5045

Ion	Ratio	Lower	Upper
101	100		
85	41.7	33.8	50.8
151	71.3	58.7	88.1



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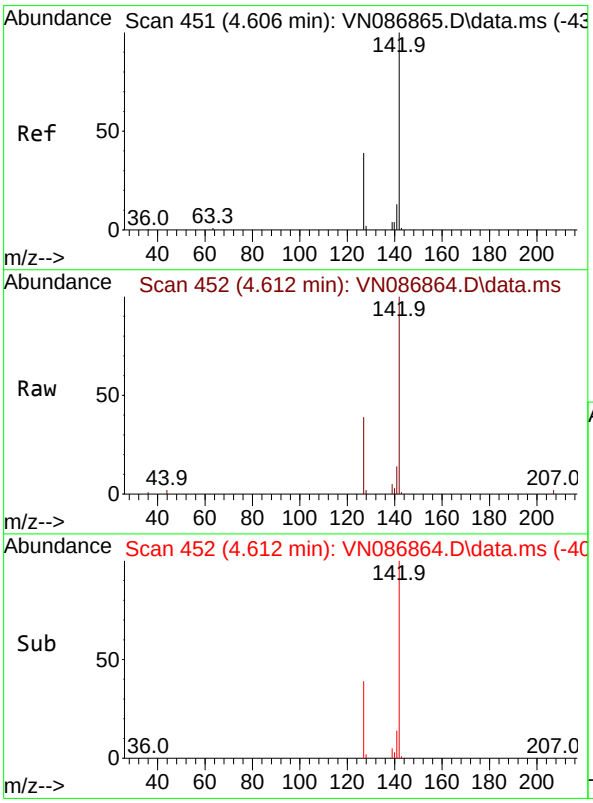
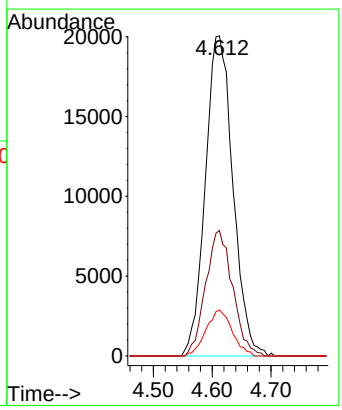
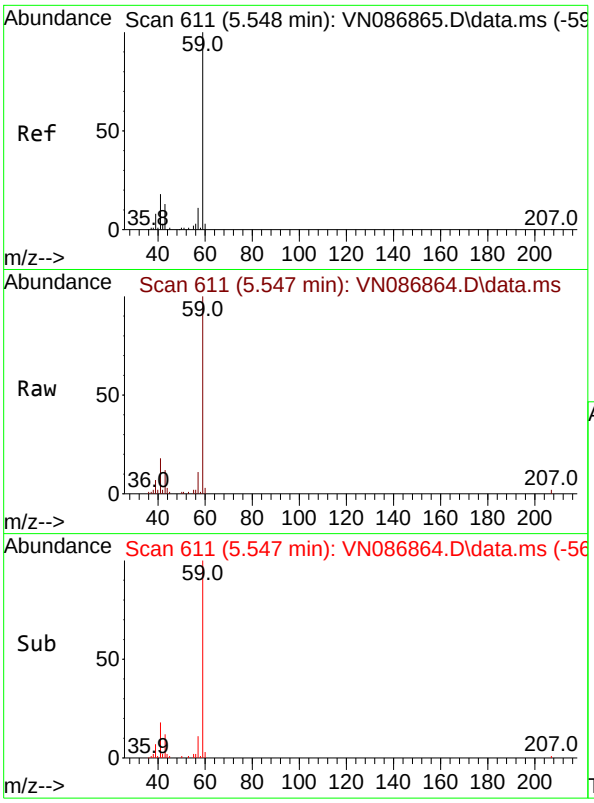


#10
Methyl Iodide
Concen: 20.646 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:142 Resp: 65360

Ion	Ratio	Lower	Upper
142	100		
127	39.2	30.9	46.3
141	14.3	10.4	15.6

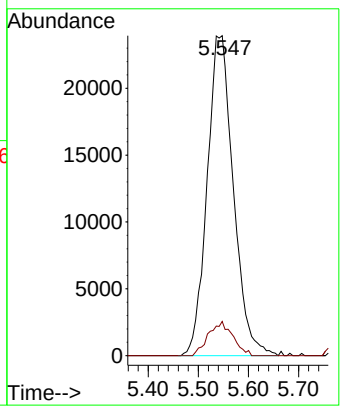




#11
Tert butyl alcohol
Concen: 107.031 ug/l
RT: 5.547 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 59 Resp: 8710

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1



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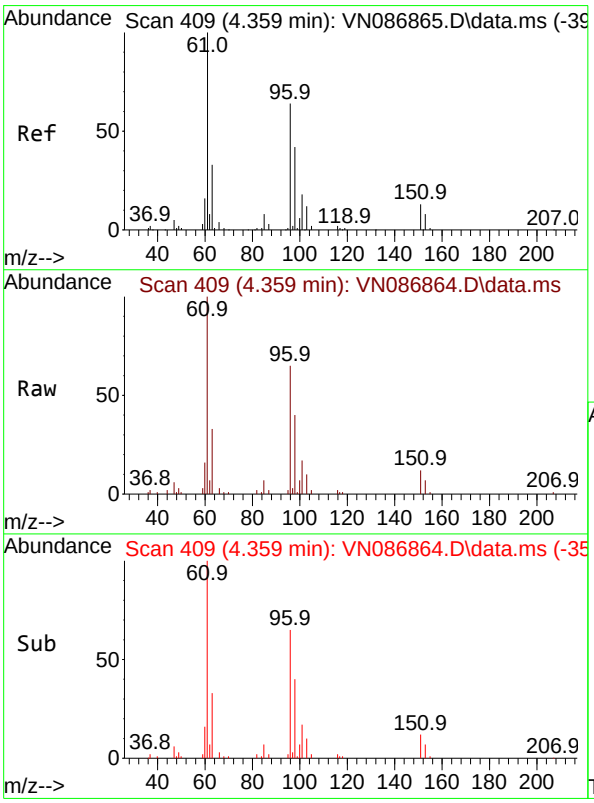
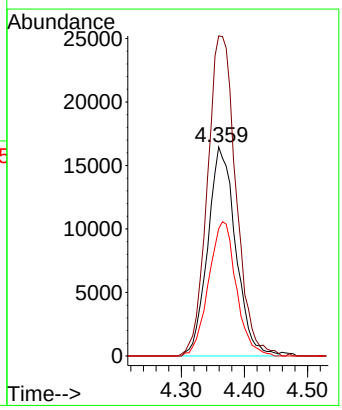
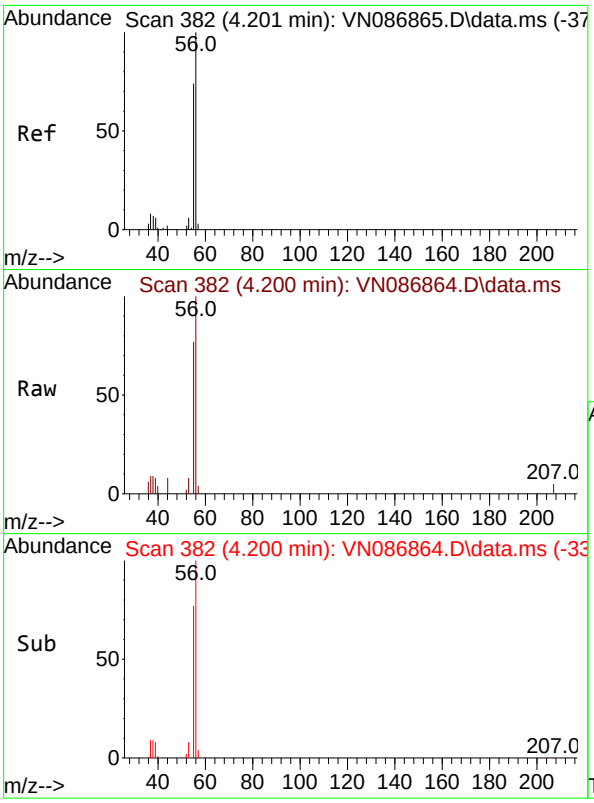


#12
1,1-Dichloroethene
Concen: 20.249 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 96 Resp: 50485

Ion	Ratio	Lower	Upper
96	100		
61	153.1	125.8	188.6
98	61.0	52.5	78.7

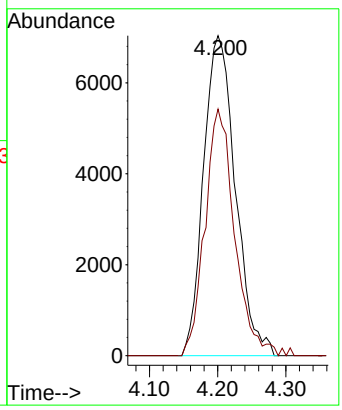




#13
Acrolein
Concen: 88.767 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 56 Resp: 2286

Ion	Ratio	Lower	Upper
56	100		
55	71.6	55.6	83.4



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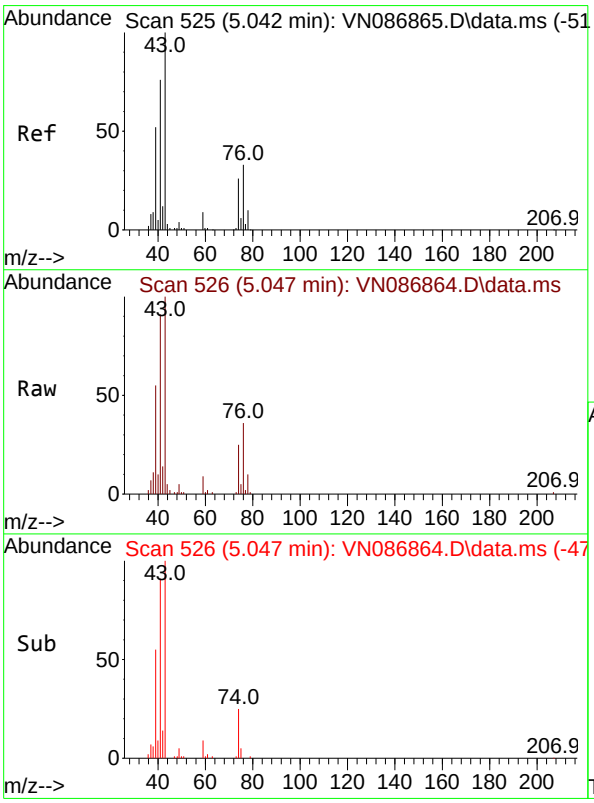
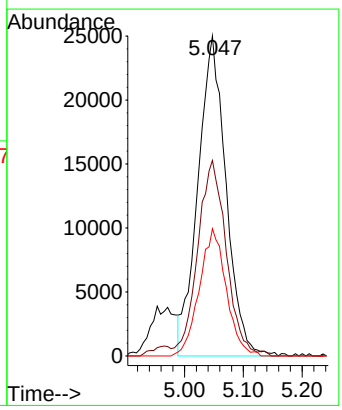
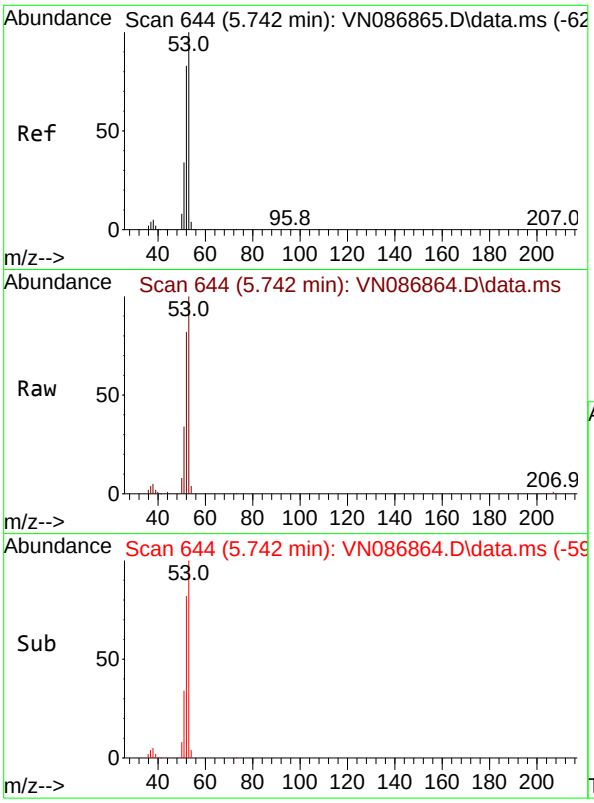


#14
Allyl chloride
Concen: 20.055 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 41 Resp: 82924

Ion	Ratio	Lower	Upper
41	100		
39	62.6	51.3	76.9
76	38.1	31.4	47.0

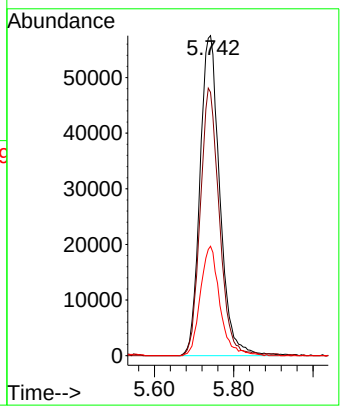




#15
Acrylonitrile
Concen: 104.881 ug/l
RT: 5.742 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 53 Resp: 19949

Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.0	97.6
51	33.7	27.2	40.8



Instrument :
MSVOA_N
ClientSampleId :
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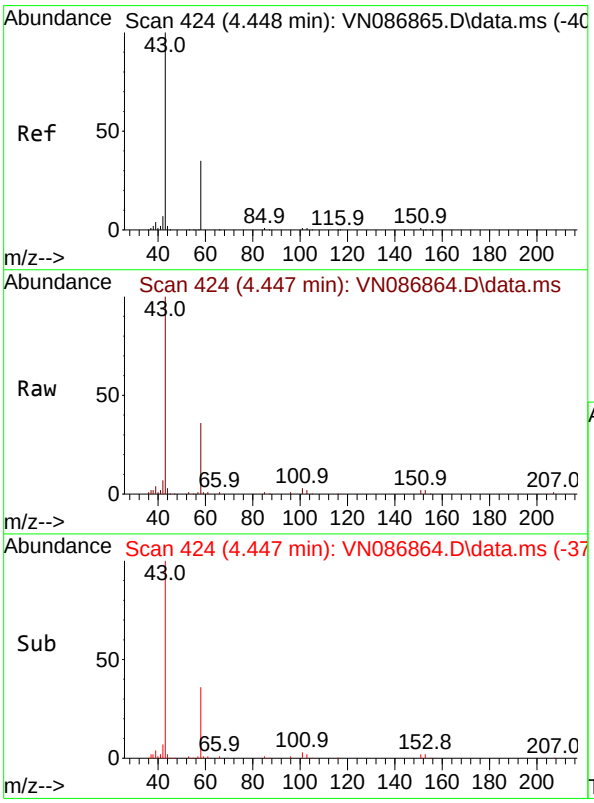
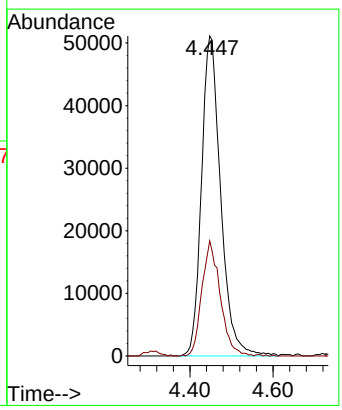
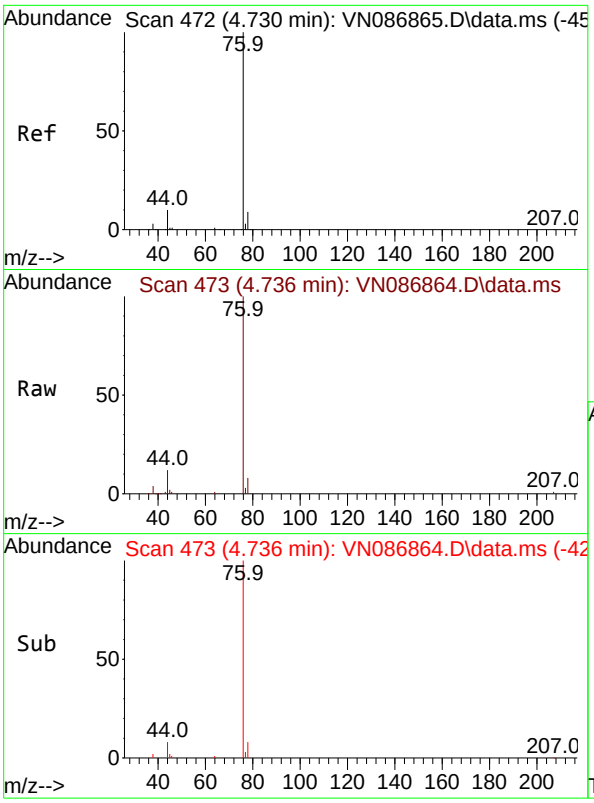


#16
Acetone
Concen: 103.099 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 163979

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.0	42.0

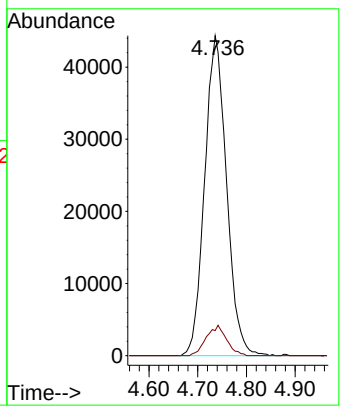




#17
Carbon Disulfide
Concen: 20.038 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 76 Resp: 13819

Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.3	10.9



Instrument :
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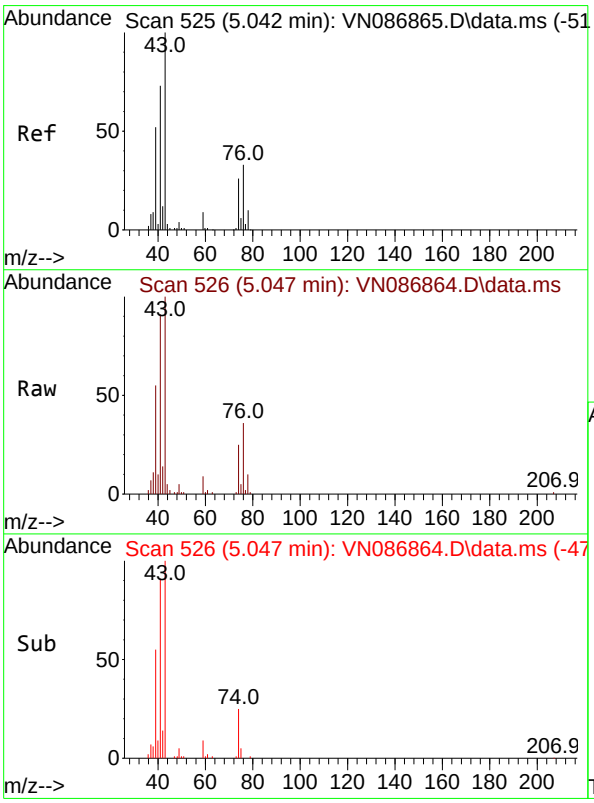
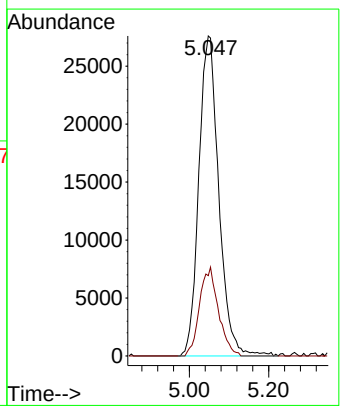
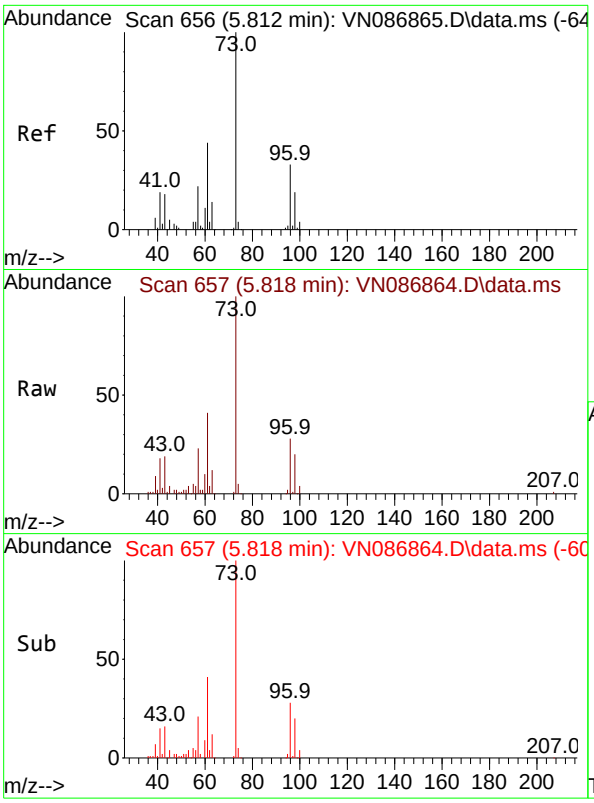


#18
Methyl Acetate
Concen: 20.830 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 96547

Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.7	31.1

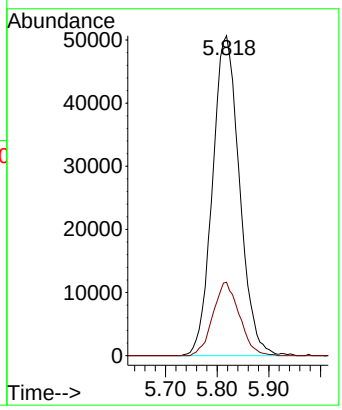




#19
Methyl tert-butyl Ether
Concen: 20.358 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 73 Resp: 18378

Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.4	26.2



Instrument :
MSVOA_N
ClientSampleId :
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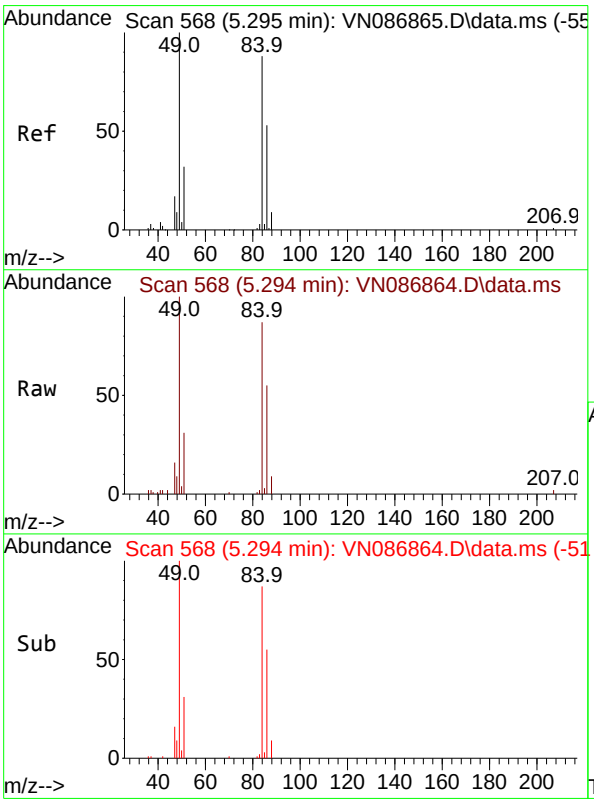
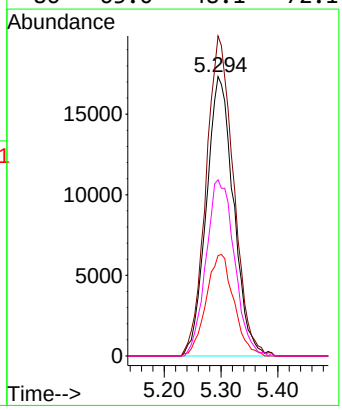
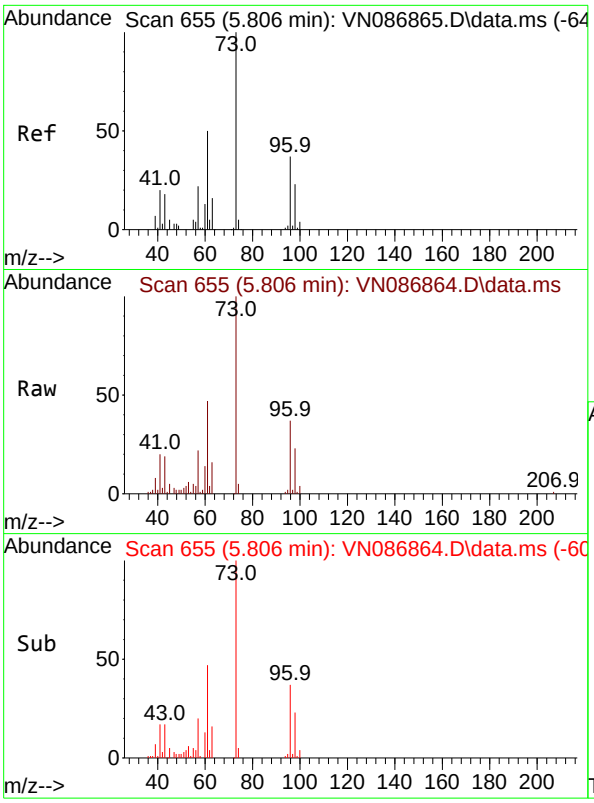


#20
Methylene Chloride
Concen: 19.348 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 84 Resp: 57611

Ion	Ratio	Lower	Upper
84	100		
49	114.5	90.5	135.7
51	35.9	28.5	42.7
86	63.0	48.1	72.1

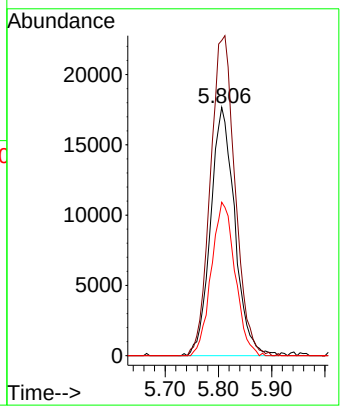




#21
trans-1,2-Dichloroethene
Concen: 20.059 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 96 Resp: 5564

Ion	Ratio	Lower	Upper
96	100		
61	126.9	109.2	163.8
98	61.8	49.8	74.8



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ClientSampleId :
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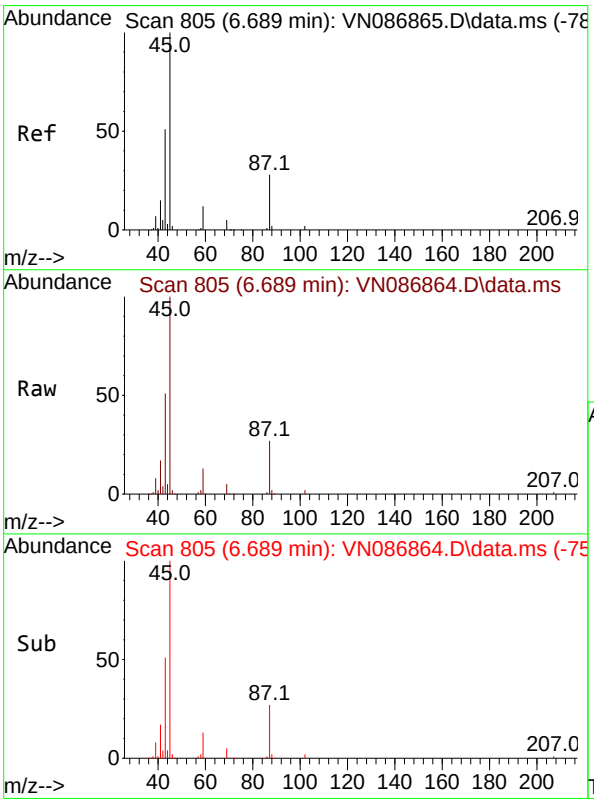
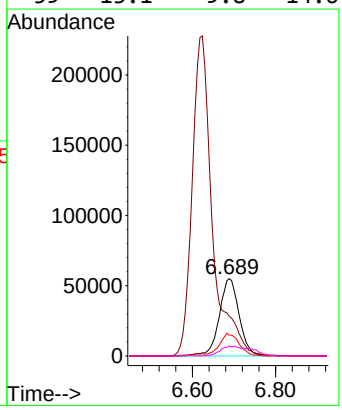
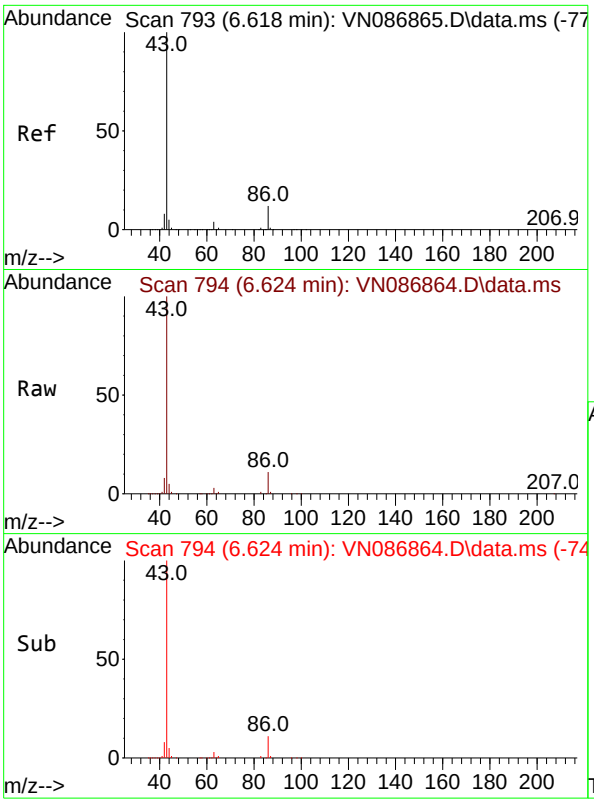


#22
Diisopropyl ether
Concen: 20.935 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 45 Resp: 182472

Ion	Ratio	Lower	Upper
45	100		
43	50.7	41.9	62.9
87	27.0	22.4	33.6
59	13.1	9.8	14.6

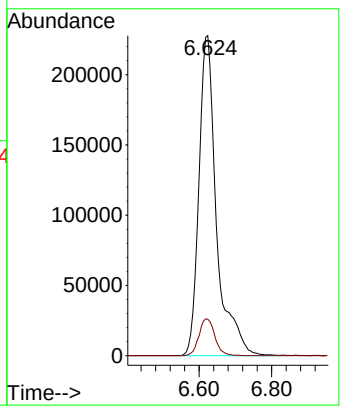




#23
Vinyl Acetate
Concen: 104.365 ug/l
RT: 6.624 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 76855

Ion	Ratio	Lower	Upper
43	100		
86	11.4	9.5	14.3



Instrument :
MSVOA_N
ClientSampleId :
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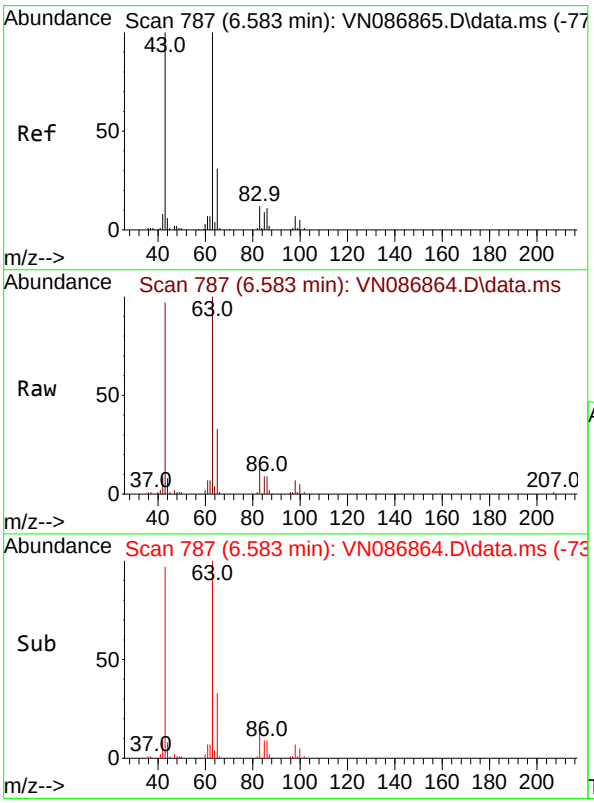
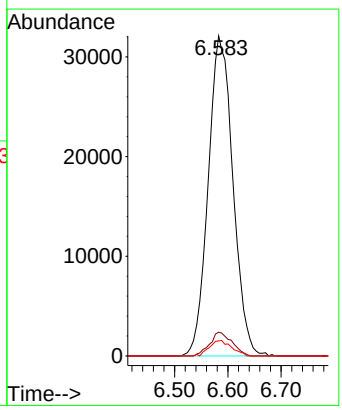
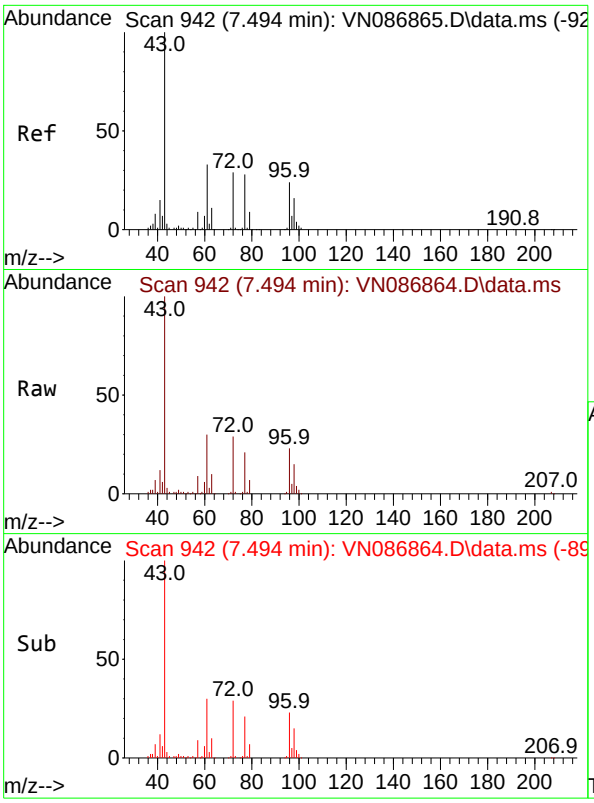


#24
1,1-Dichloroethane
Concen: 20.650 ug/l
RT: 6.583 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 63 Resp: 103578

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.6	10.8
100	4.7	2.6	7.8





#25
2-Butanone
Concen: 104.621 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 27047

Ion	Ratio	Lower	Upper
43	100		
72	28.6	23.0	34.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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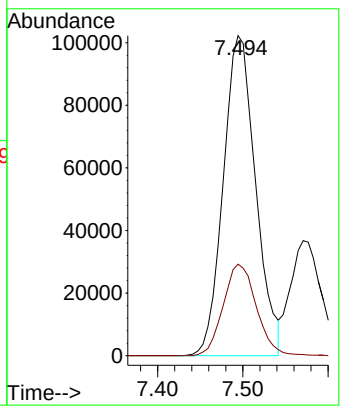
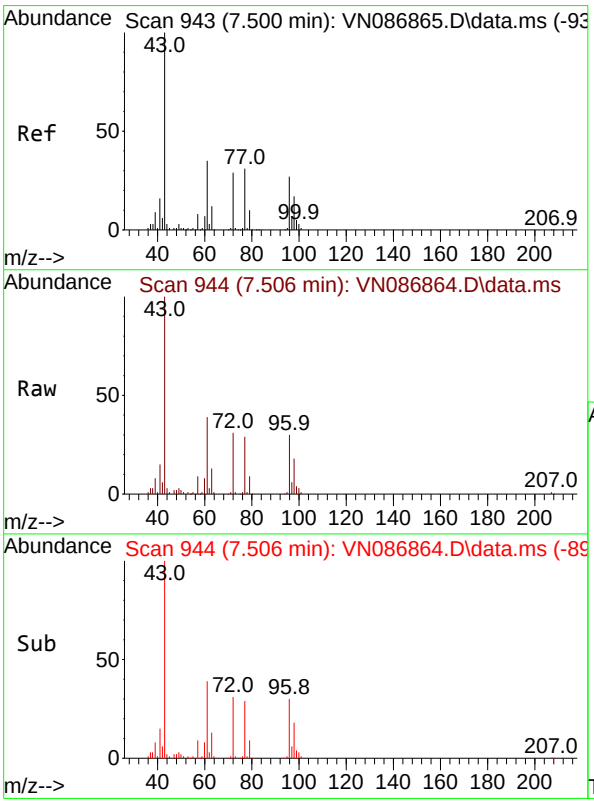
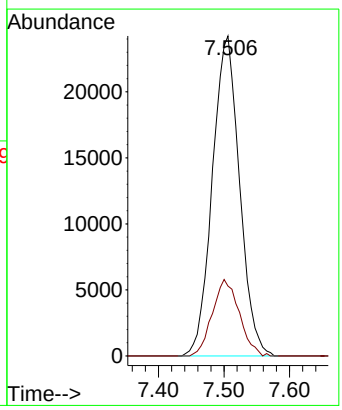


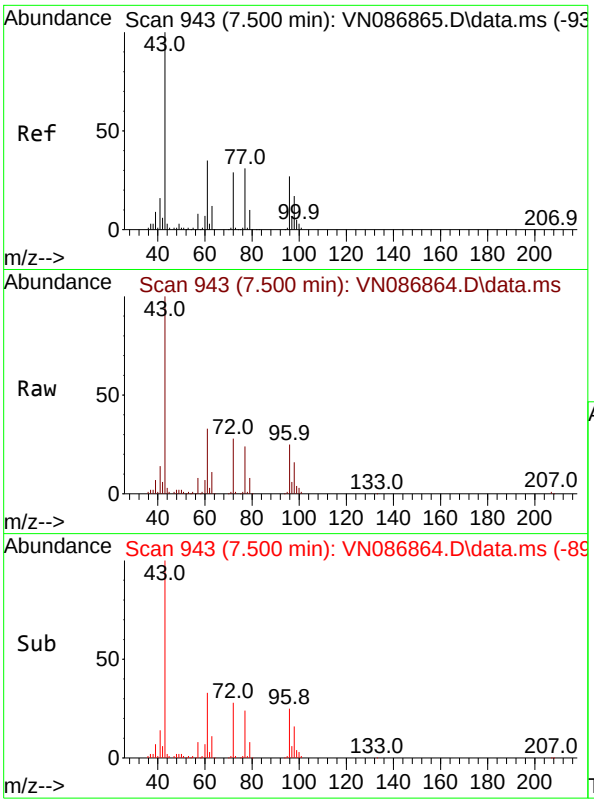


#26
2,2-Dichloropropane
Concen: 17.862 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 77 Resp: 69692

Ion	Ratio	Lower	Upper
77	100		
97	23.7	11.6	34.7

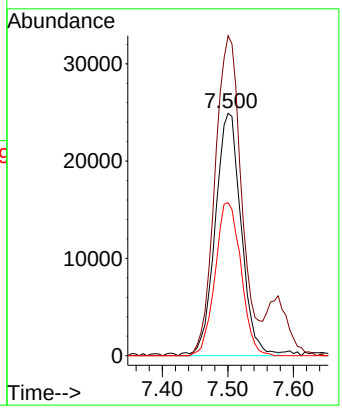




#27
cis-1,2-Dichloroethene
Concen: 20.585 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 96 Resp: 6829

Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	278.0
98	63.0	0.0	128.2



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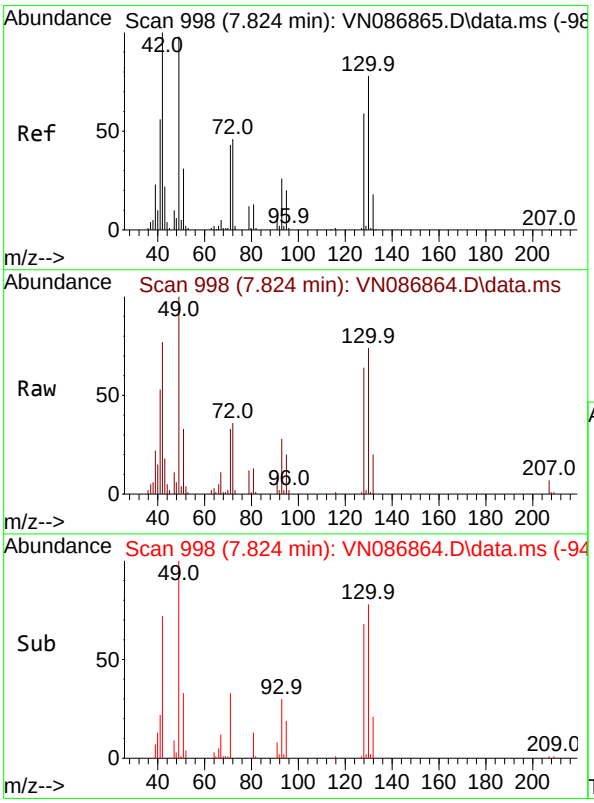
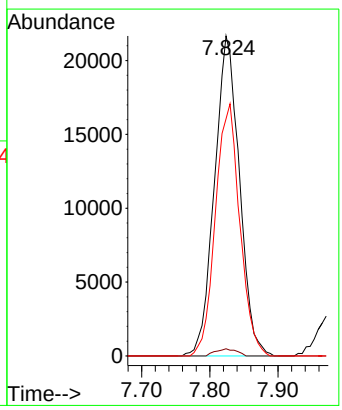
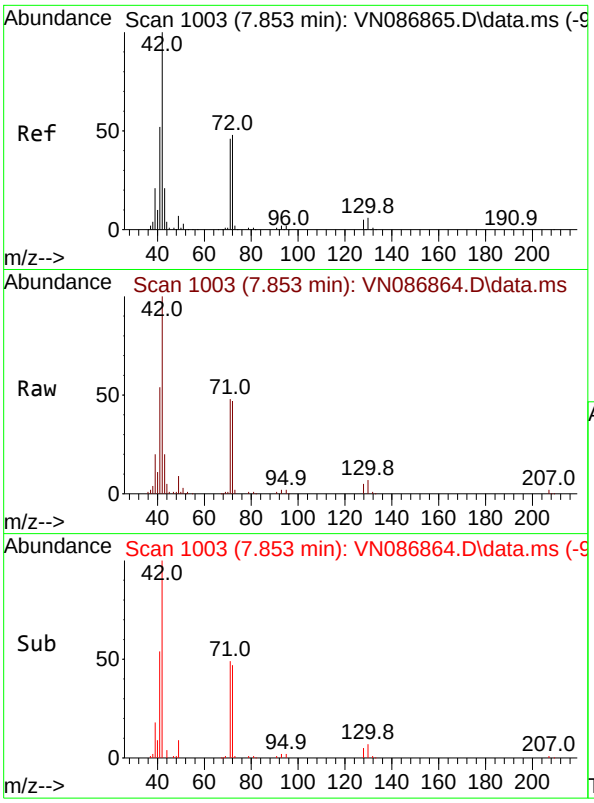


#28
Bromochloromethane
Concen: 22.381 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 49 Resp: 55196

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	77.1	62.2	93.2





#29
Tetrahydrofuran
Concen: 106.031 ug/l
RT: 7.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 42 Resp: 17857

Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.8	56.6
71	43.5	35.6	53.4

Instrument :
MSVOA_N
ClientSampleId :
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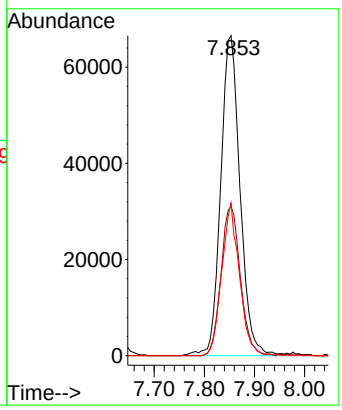
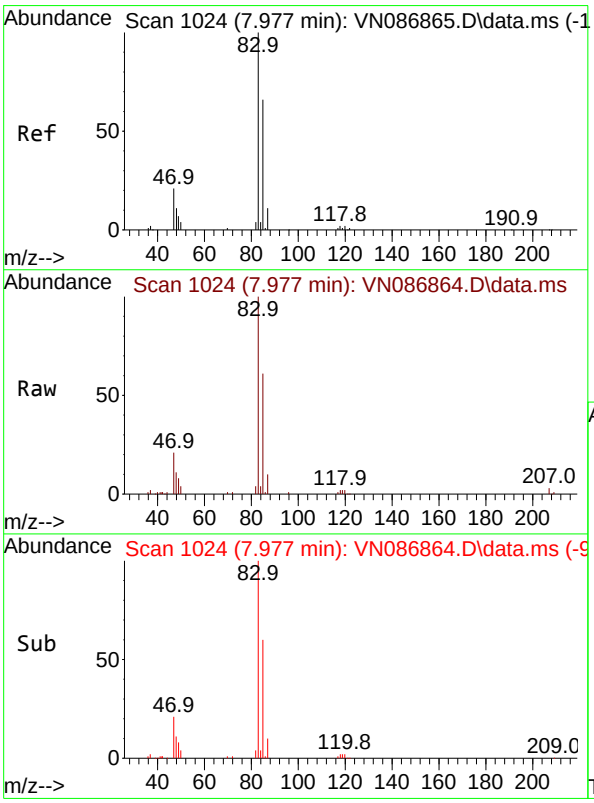
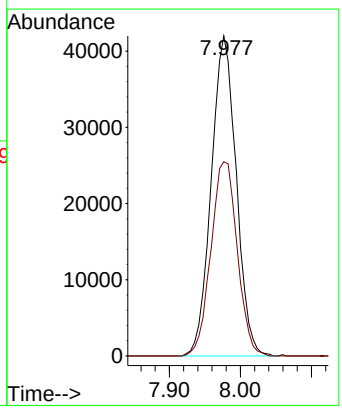


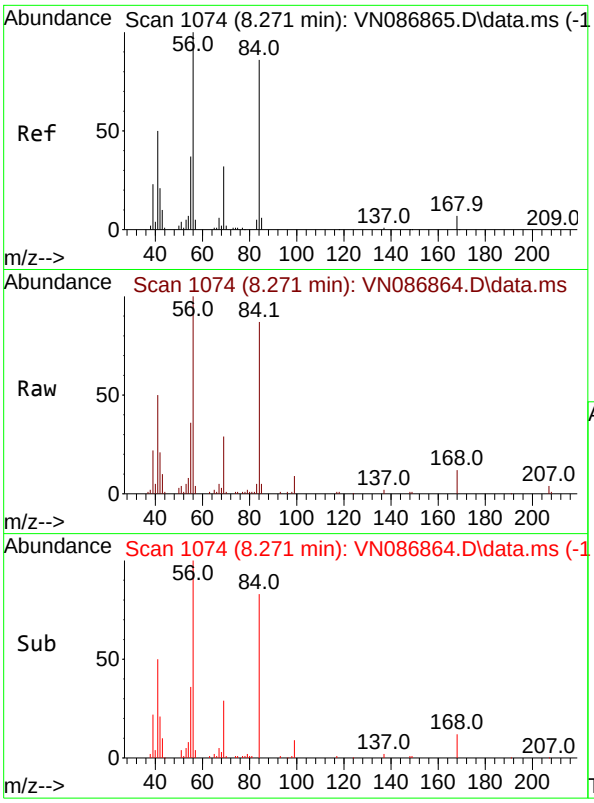


#30
Chloroform
Concen: 20.485 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 83 Resp: 102615

Ion	Ratio	Lower	Upper
83	100		
85	60.7	52.9	79.3

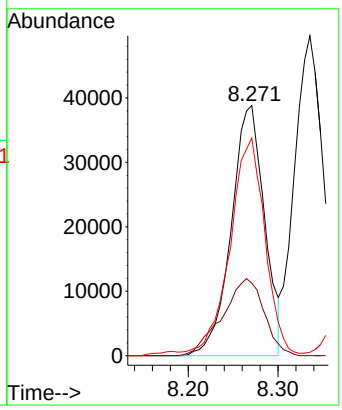




#31
Cyclohexane
Concen: 20.563 ug/l
RT: 8.271 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 56 Resp: 10002

Ion	Ratio	Lower	Upper
56	100		
69	29.0	25.4	38.0
84	85.6	68.8	103.2



Instrument :
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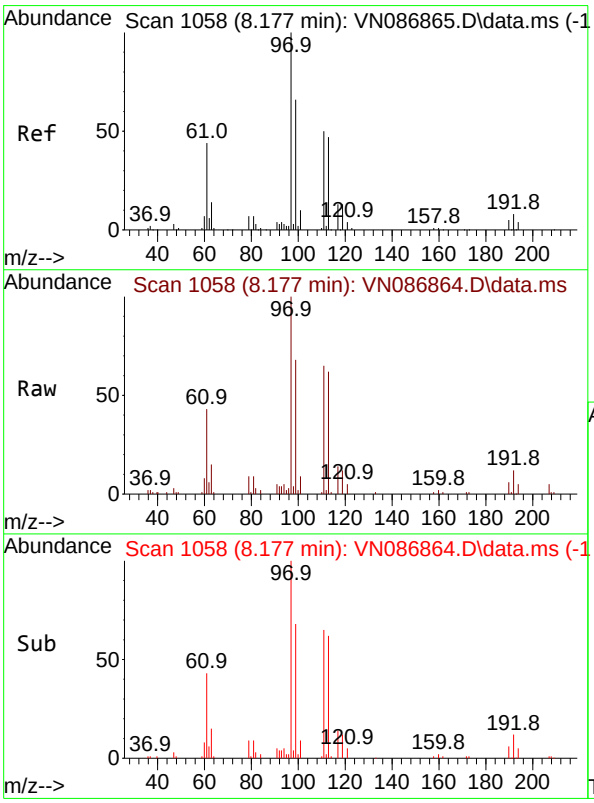
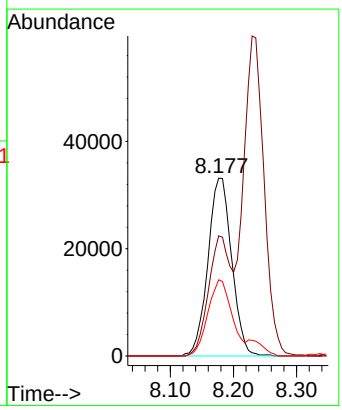
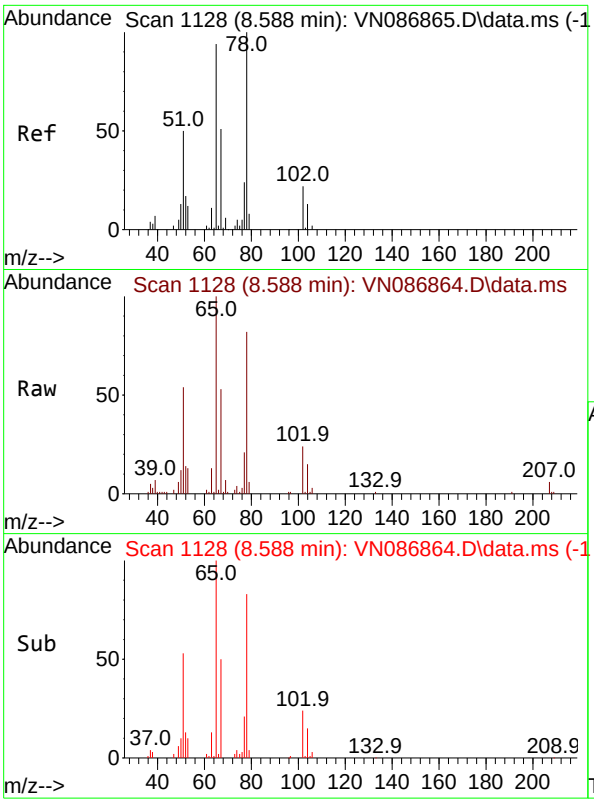


#32
1,1,1-Trichloroethane
Concen: 20.376 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 97 Resp: 86810

Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.0	78.0
61	43.3	35.9	53.9

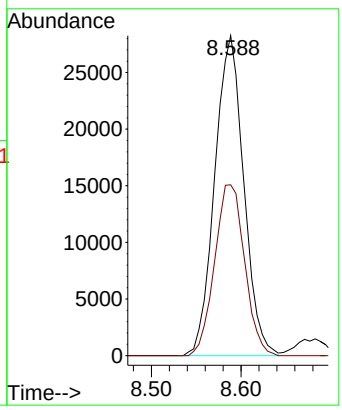




#33
1,2-Dichloroethane-d4
Concen: 21.136 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 65 Resp: 6339

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	105.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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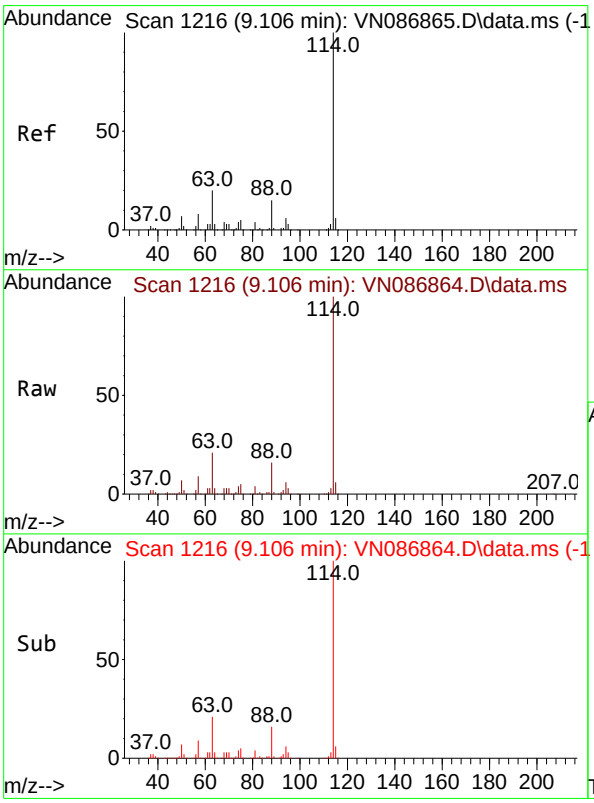
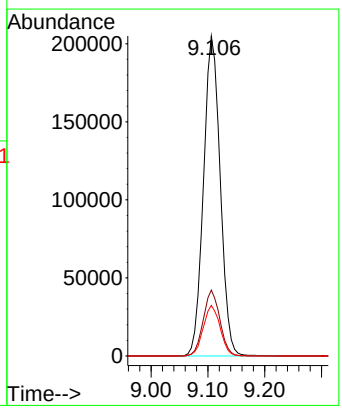
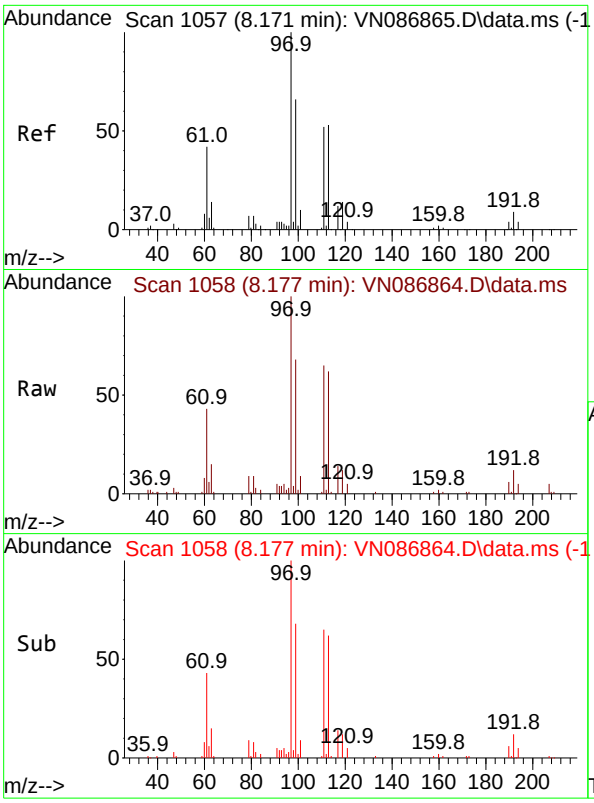


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:114 Resp: 418154

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.6
88	15.8	0.0	30.2

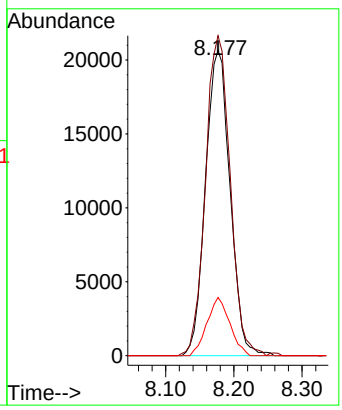




#35
Dibromofluoromethane
Concen: 20.902 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:113 Resp: 5179

Ion	Ratio	Lower	Upper
113	100		
111	105.1	84.2	126.2
192	17.7	14.2	21.4



Instrument :
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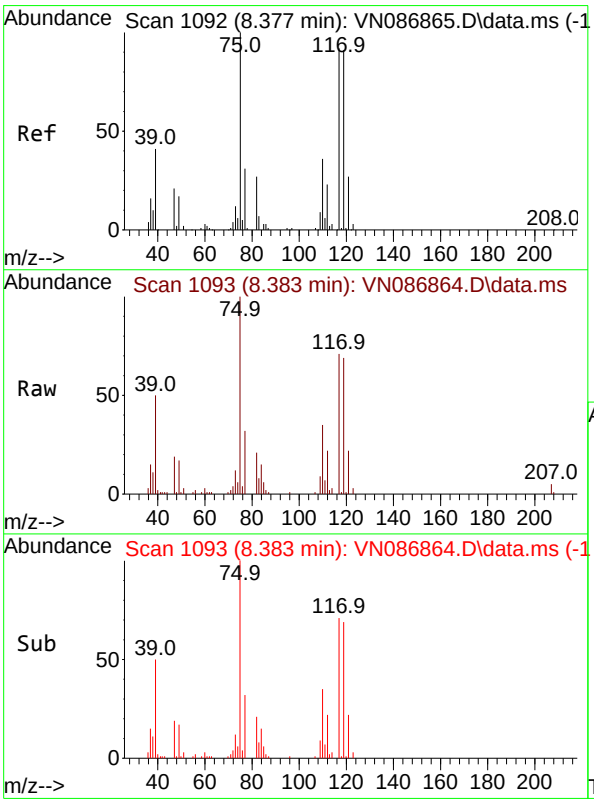
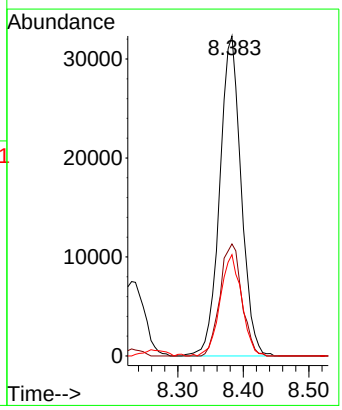
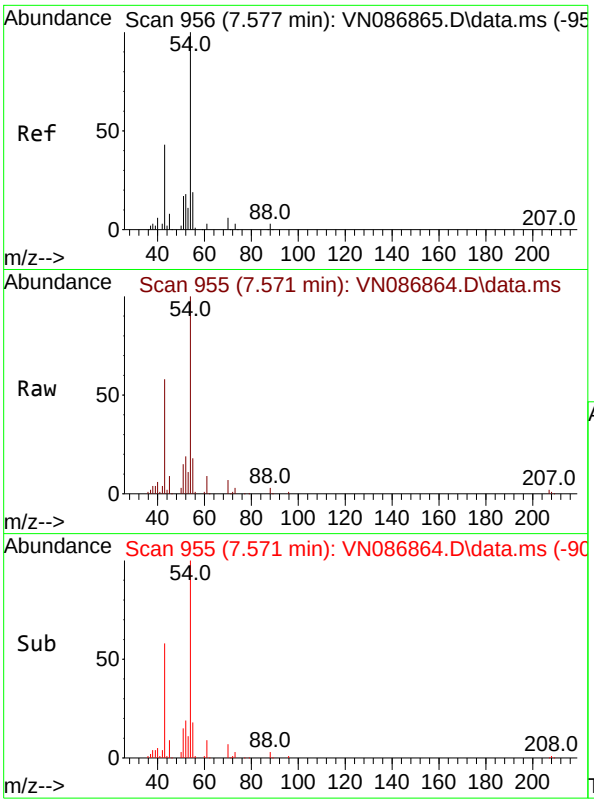


#36
1,1-Dichloropropene
Concen: 19.838 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 73252

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.6	52.9
77	31.8	25.3	37.9

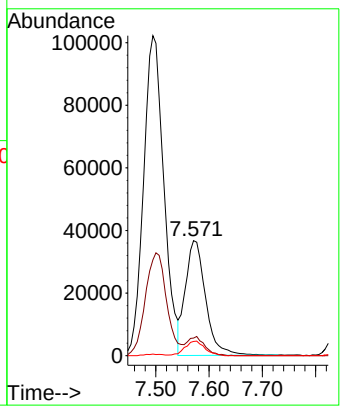




#37
Ethyl Acetate
Concen: 20.522 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 9646

Ion	Ratio	Lower	Upper
43	100		
61	13.9	12.1	18.1
70	12.6	9.8	14.6



Instrument :
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ClientSampleId :
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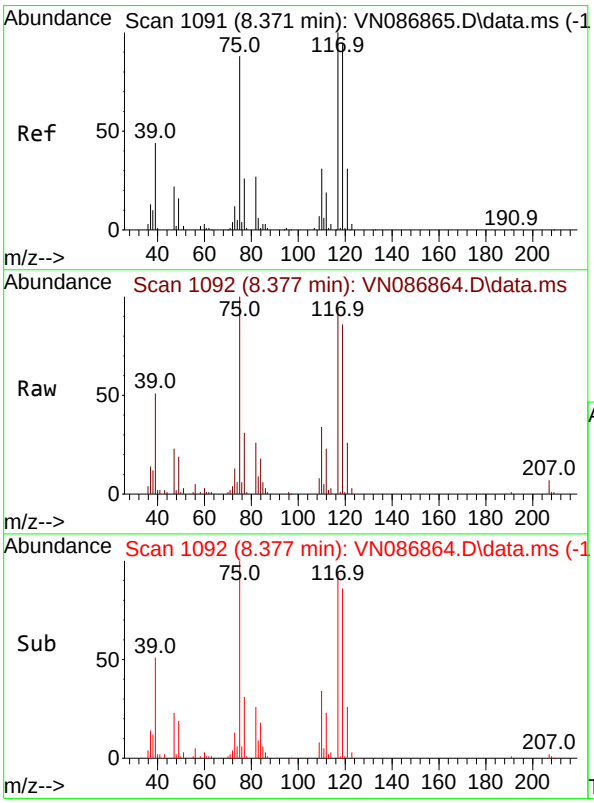
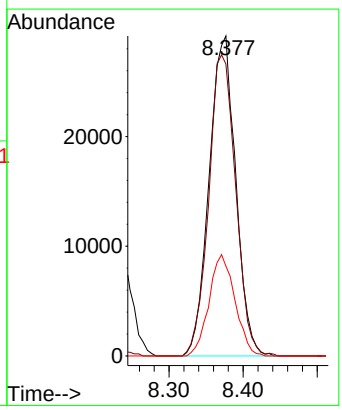
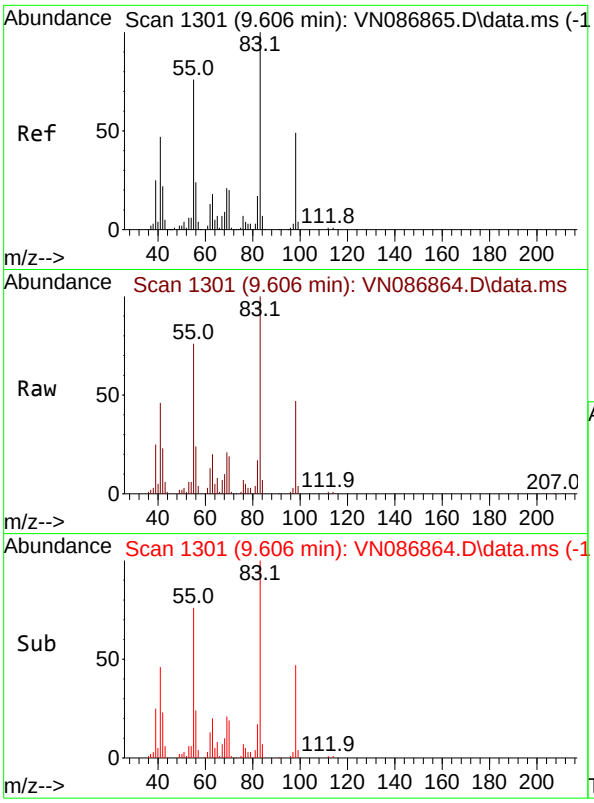


#38
Carbon Tetrachloride
Concen: 20.034 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:117 Resp: 72628

Ion	Ratio	Lower	Upper
117	100		
119	91.3	75.0	112.6
121	28.1	24.9	37.3

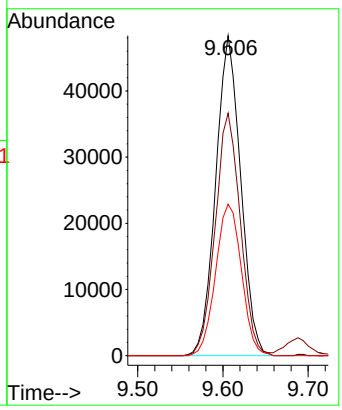




#39
Methylcyclohexane
Concen: 19.455 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 83 Resp: 9842

Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.0	91.6
98	47.4	38.9	58.3



Instrument :
MSVOA_N
ClientSampleId :
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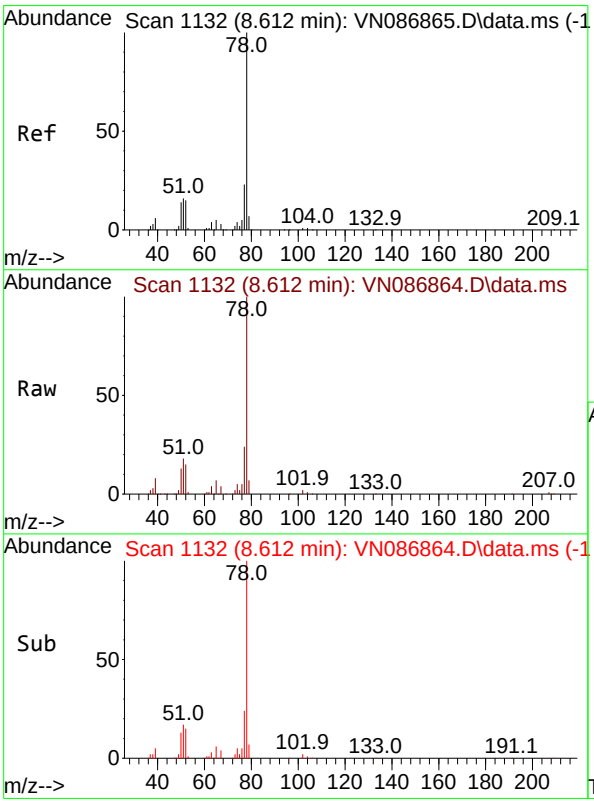
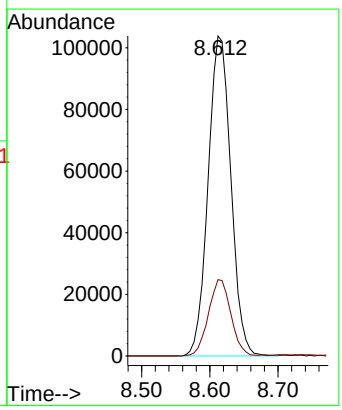
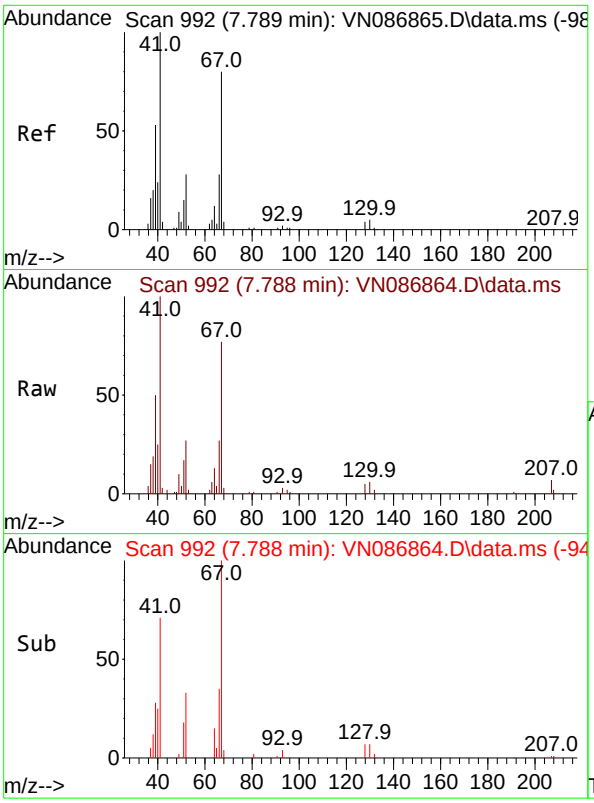


#40
Benzene
Concen: 19.996 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 78 Resp: 241444

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1

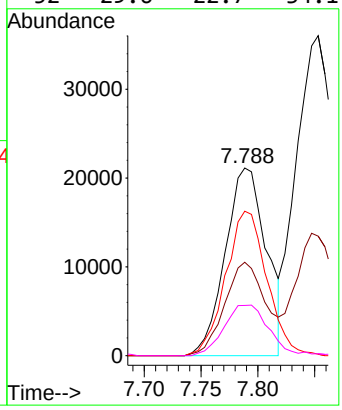




#41
Methacrylonitrile
Concen: 20.169 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 41 Resp: 5324

Ion	Ratio	Lower	Upper
41	100		
39	49.5	41.2	61.8
67	77.3	61.4	92.2
52	29.6	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
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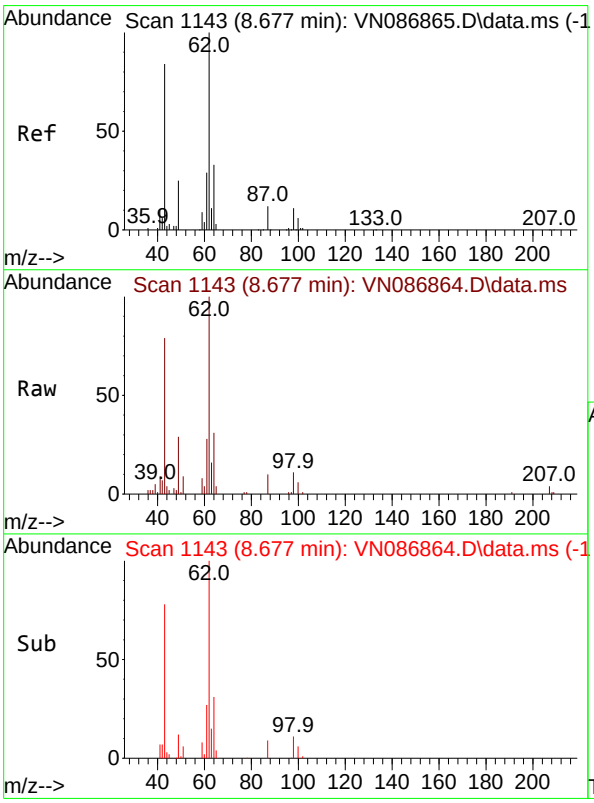
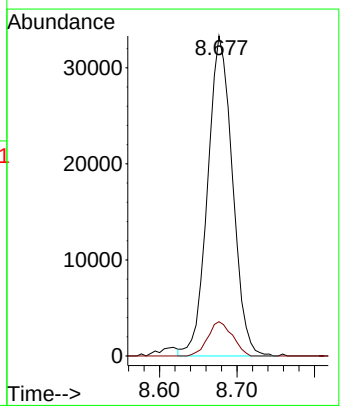
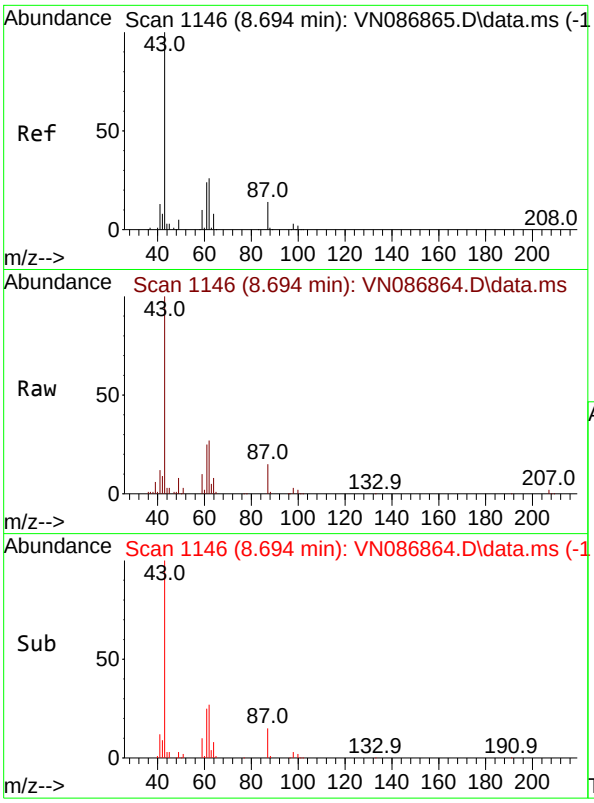


#42
1,2-Dichloroethane
Concen: 20.270 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 62 Resp: 74238

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2





#43
Isopropyl Acetate
Concen: 20.094 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 15160

Ion	Ratio	Lower	Upper
43	100		
61	27.9	22.1	33.1
87	14.4	11.8	17.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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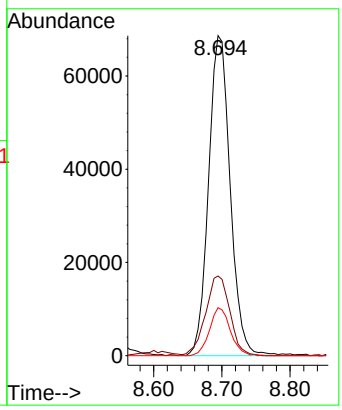
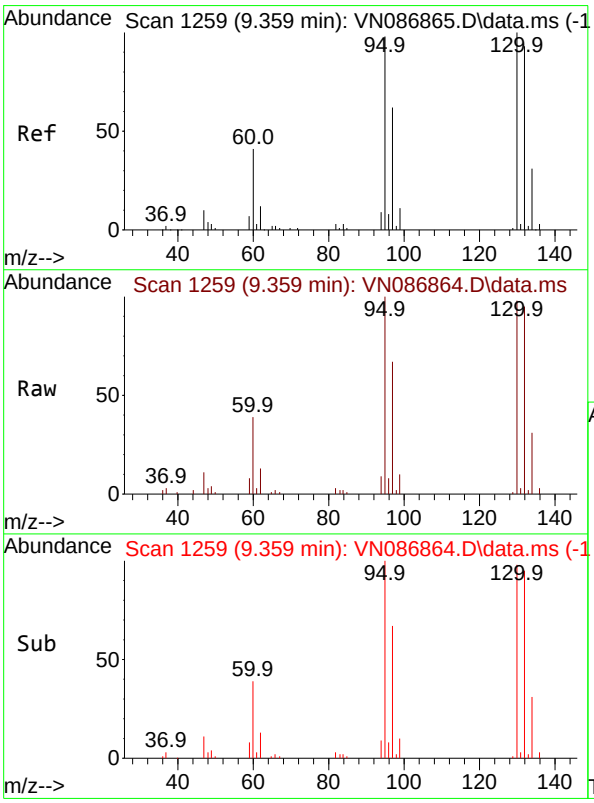
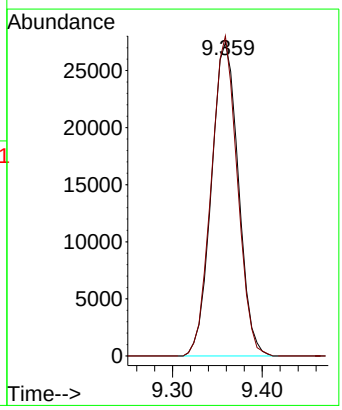


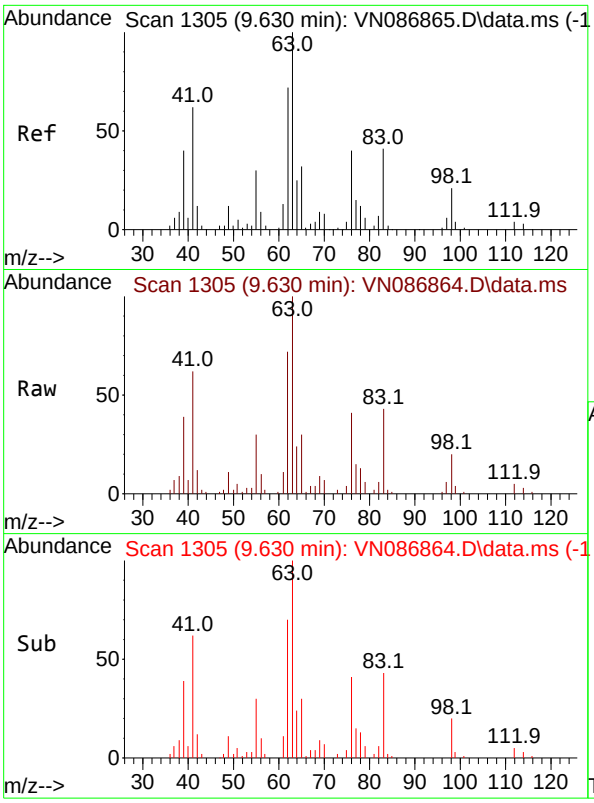


#44
Trichloroethene
Concen: 19.946 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:130 Resp: 57110

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	196.2

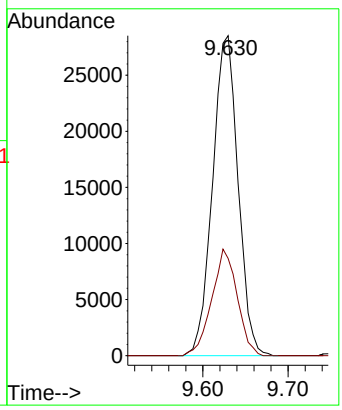




#45
1,2-Dichloropropane
Concen: 20.184 ug/l
RT: 9.630 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 63 Resp: 5929

Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.5	38.3



Instrument :
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ClientSampleId :
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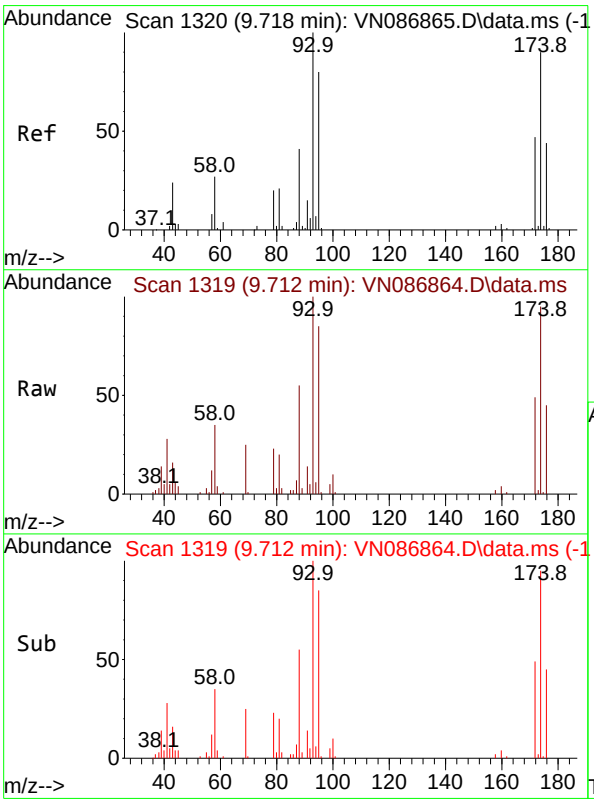
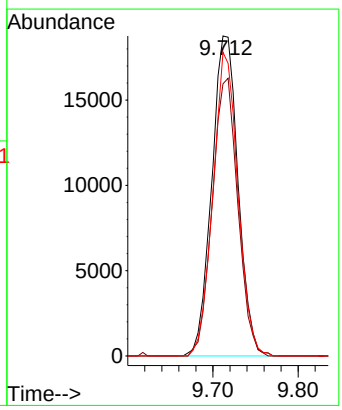
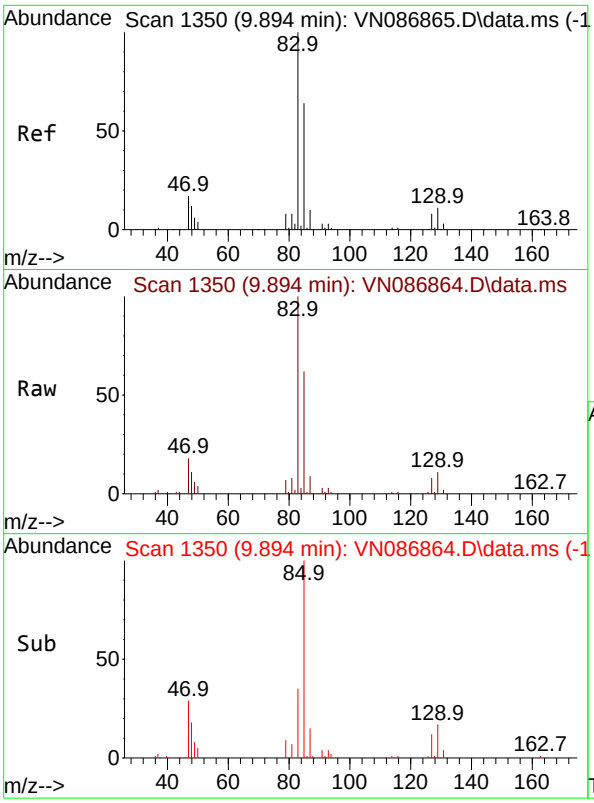


#46
Dibromomethane
Concen: 20.648 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 93 Resp: 40290

Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.1	100.7
174	90.1	74.2	111.4

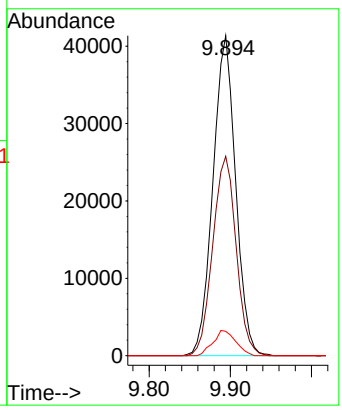




#47
Bromodichloromethane
Concen: 20.015 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 83 Resp: 8035

Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.9	76.3
127	7.6	6.6	10.0



Instrument :
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ClientSampleId :
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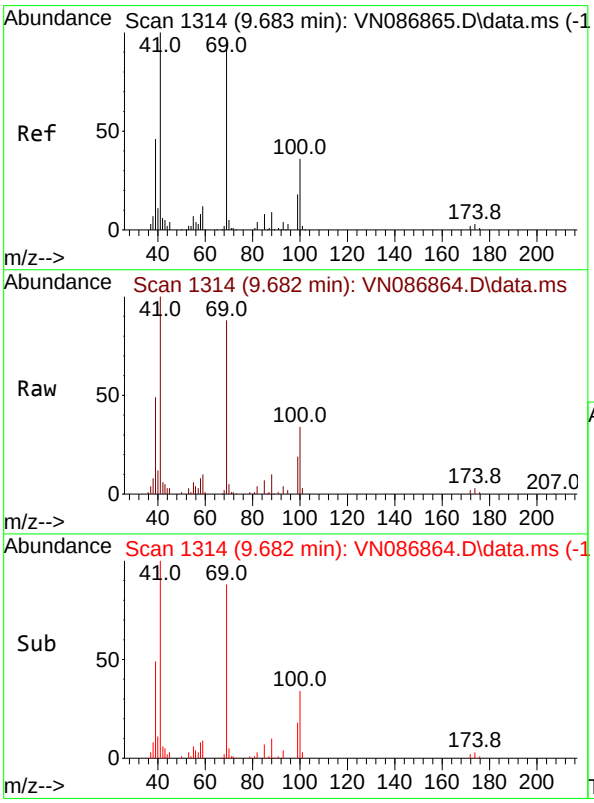
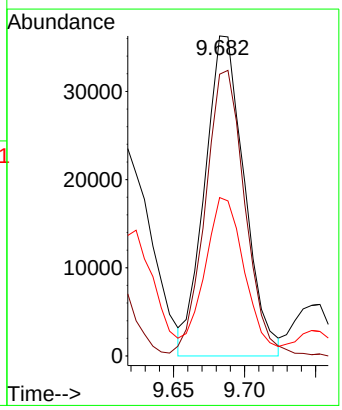
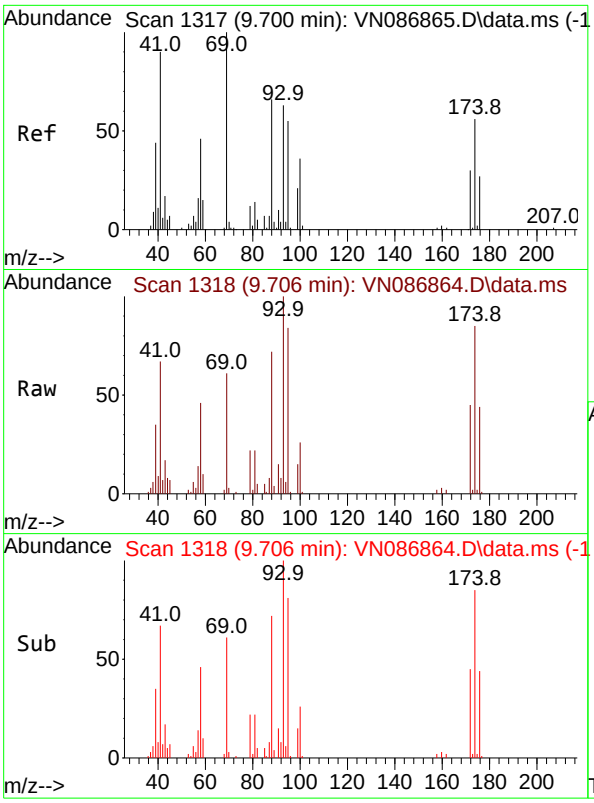


#48
Methyl methacrylate
Concen: 20.290 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 41 Resp: 70457

Ion	Ratio	Lower	Upper
41	100		
69	89.4	74.6	112.0
39	50.3	40.2	60.4

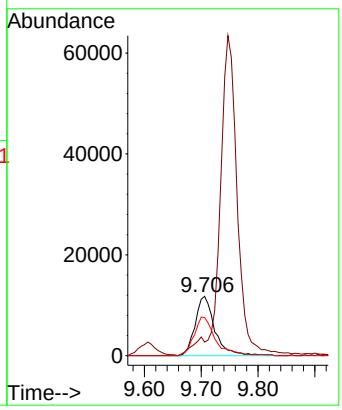




#49
1,4-Dioxane
Concen: 446.886 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 88 Resp: 2823

Ion	Ratio	Lower	Upper
88	100		
43	19.7	0.0	0.0
58	70.1	57.7	86.5



Instrument :
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ClientSampleId :
VSTDICC020

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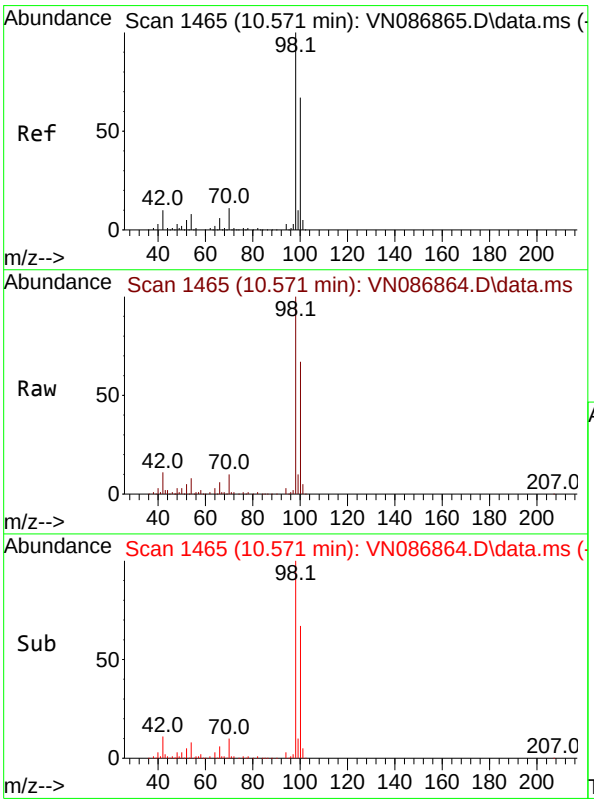
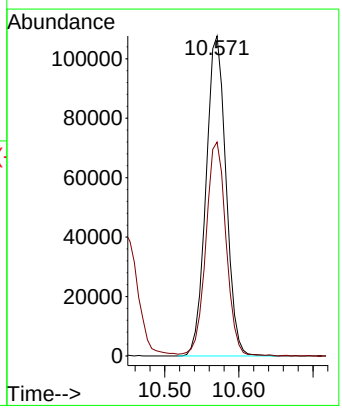
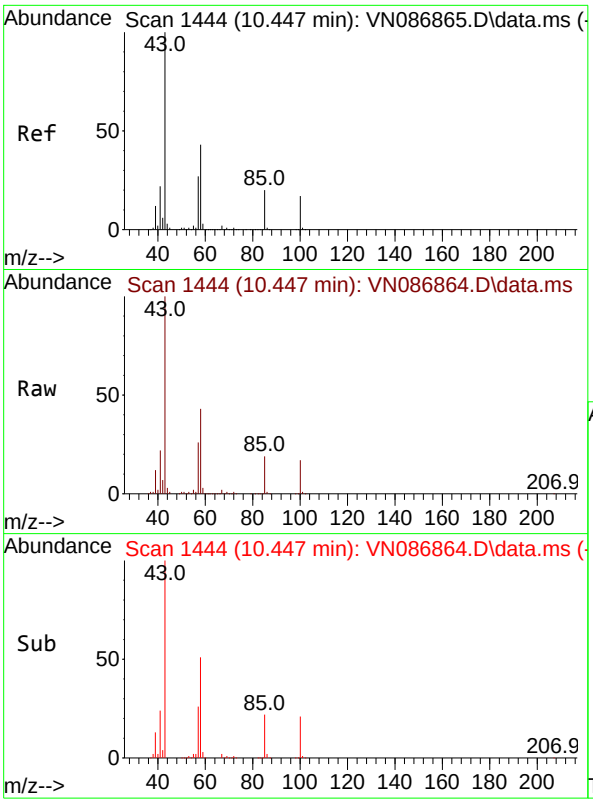


#50
Toluene-d8
Concen: 20.516 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 98 Resp: 201268

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.4	80.0

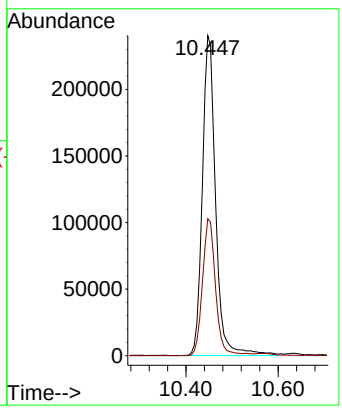




#51
4-Methyl-2-Pentanone
Concen: 106.066 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 48174

Ion	Ratio	Lower	Upper
43	100		
58	42.0	34.2	51.4



Instrument :
MSVOA_N
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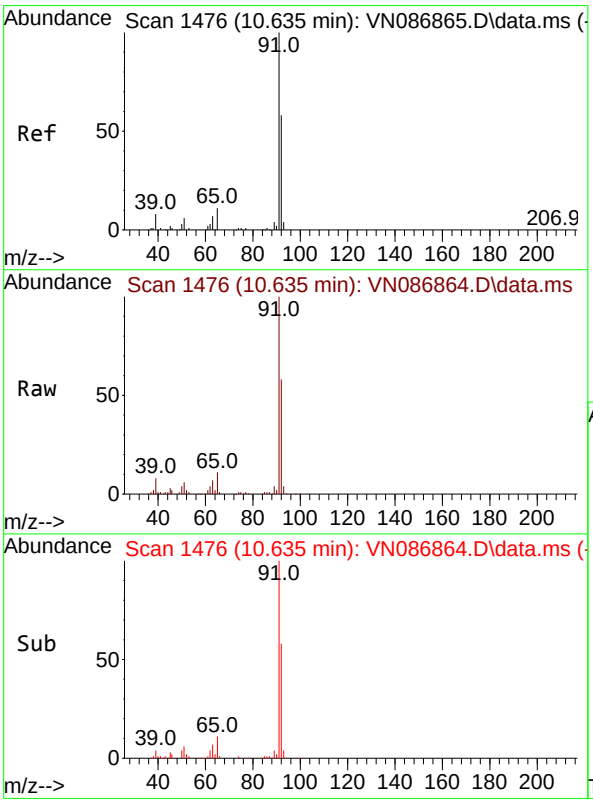
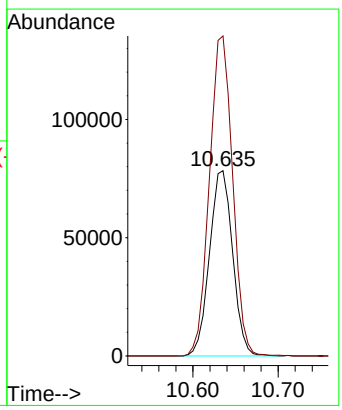
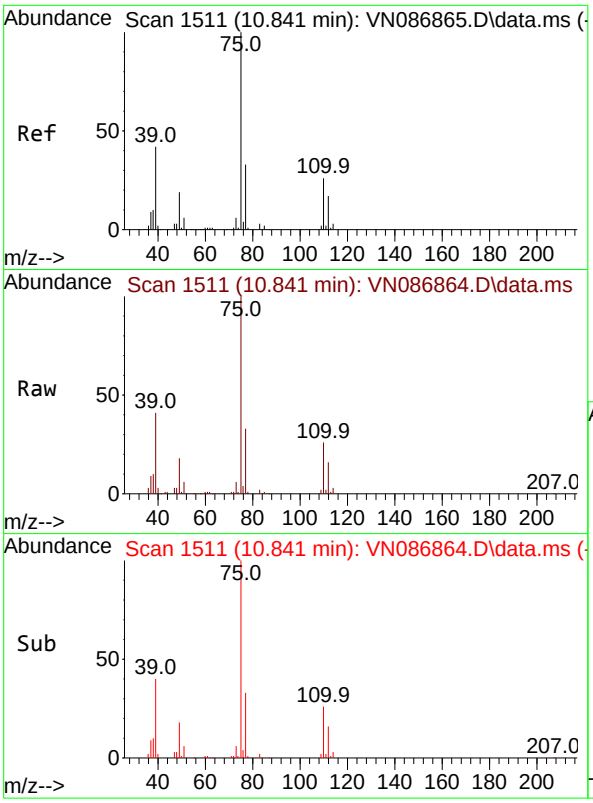


#52
Toluene
Concen: 20.056 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 92 Resp: 148000

Ion	Ratio	Lower	Upper
92	100		
91	172.9	136.5	204.7

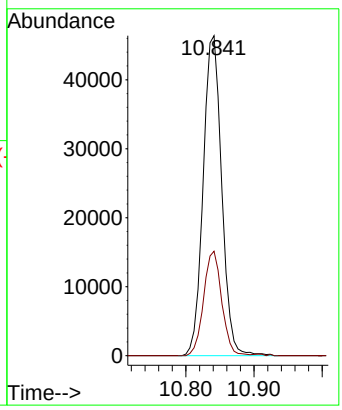




#53
t-1,3-Dichloropropene
Concen: 19.532 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 8768

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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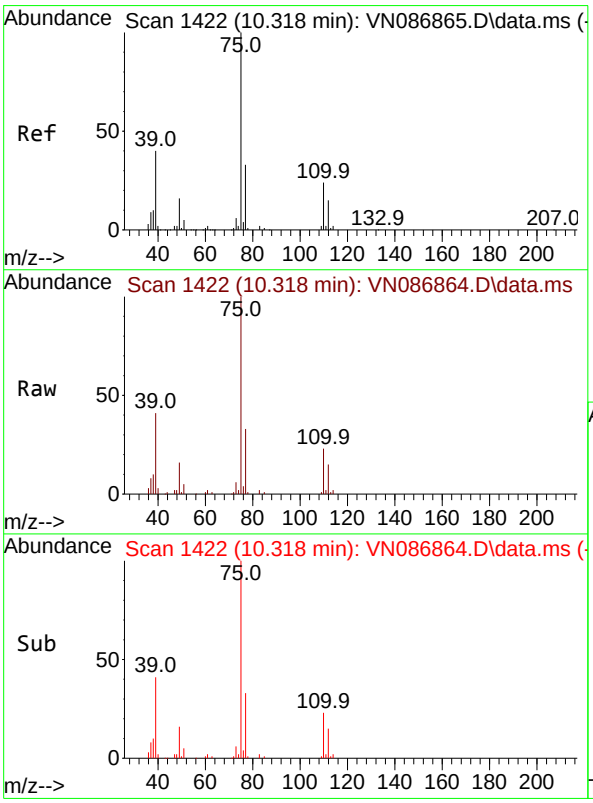
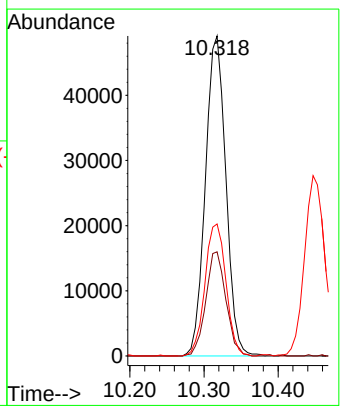
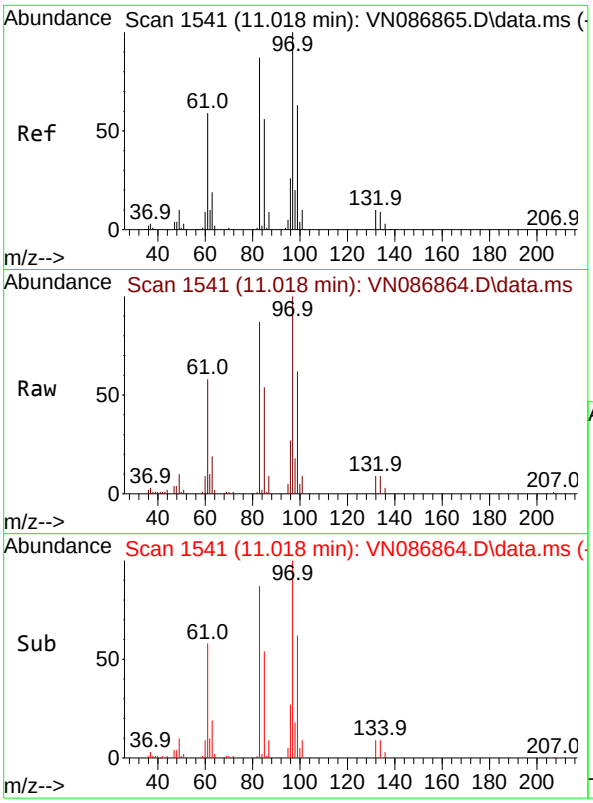


#54
cis-1,3-Dichloropropene
Concen: 19.636 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 94315

Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.2	39.4
39	41.3	32.3	48.5

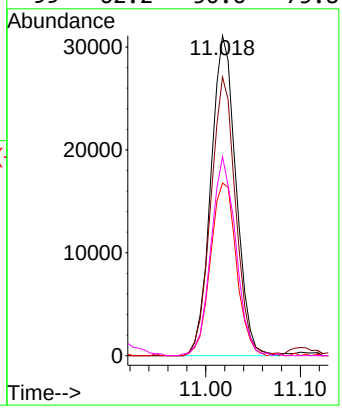




#55
1,1,2-Trichloroethane
Concen: 20.143 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 97 Resp: 5719

Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.7	104.5
85	54.0	45.1	67.7
99	62.2	50.6	75.8



Instrument :
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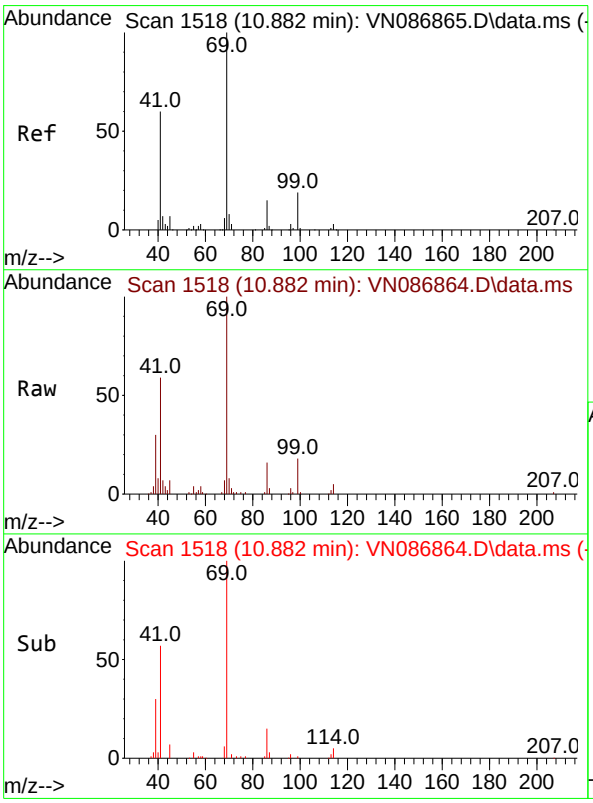
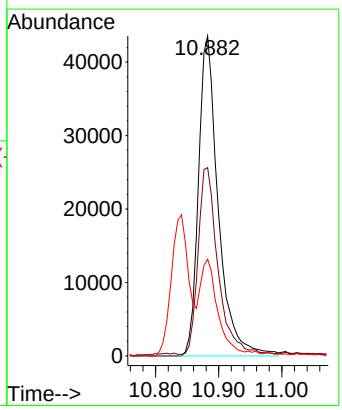
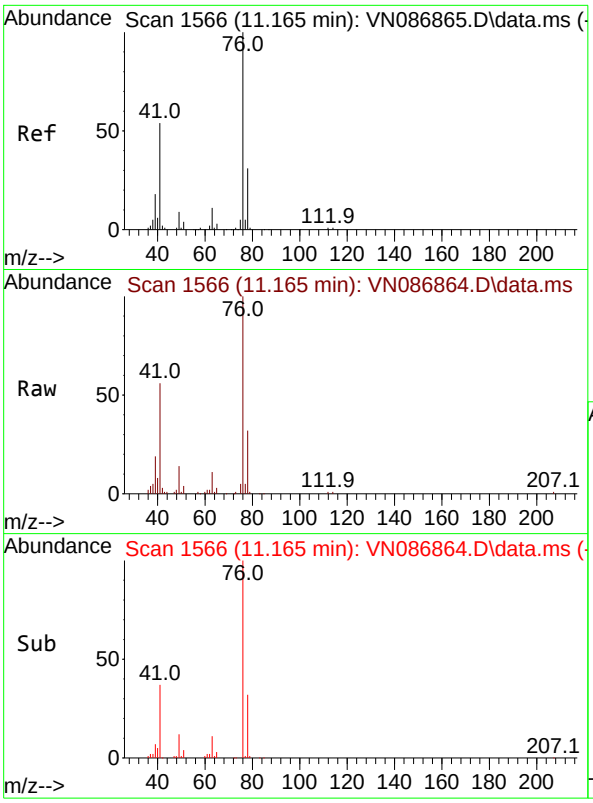


#56
Ethyl methacrylate
Concen: 20.968 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 69 Resp: 94829

Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.2	70.8
39	25.9	23.0	34.6

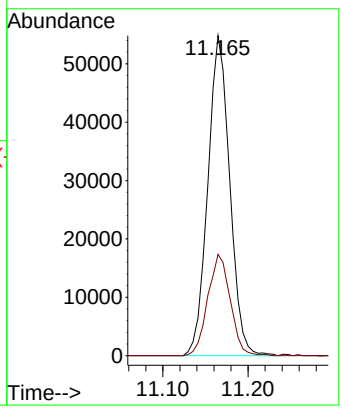




#57
1,3-Dichloropropane
Concen: 19.938 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 76 Resp: 9820

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.3	37.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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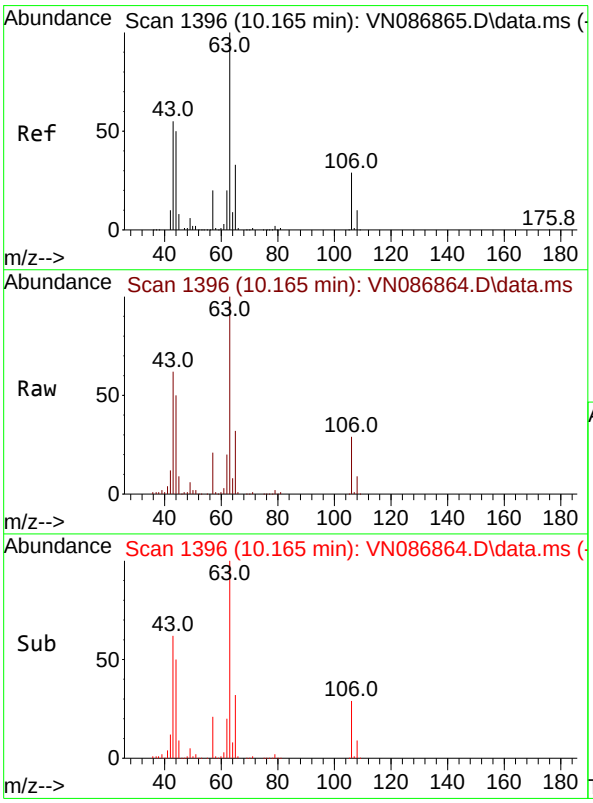
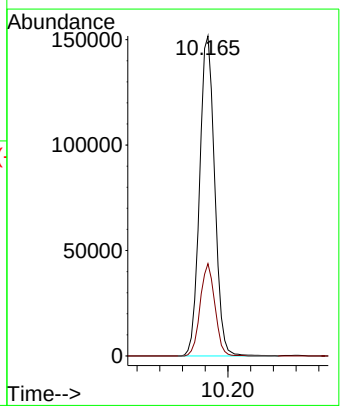
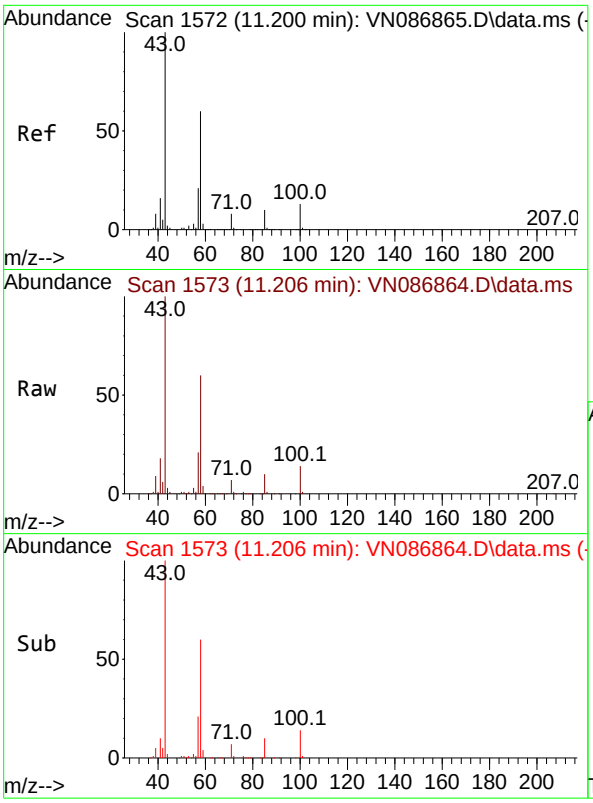


#58
2-Chloroethyl Vinyl ether
Concen: 103.426 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 63 Resp: 278986

Ion	Ratio	Lower	Upper
63	100		
106	28.1	23.0	34.6





#59
2-Hexanone
Concen: 103.803 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 30368

Ion	Ratio	Lower	Upper
43	100		
58	64.8	30.4	91.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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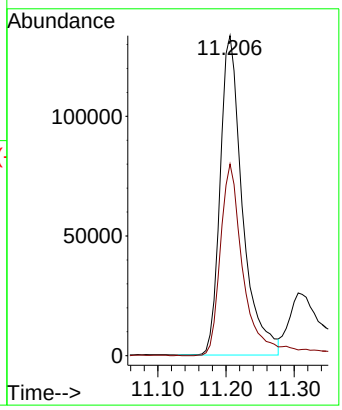
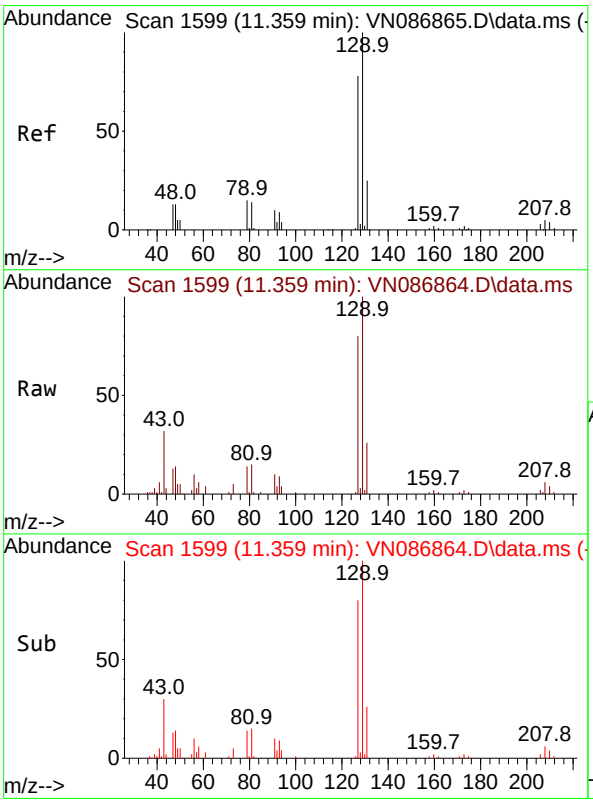
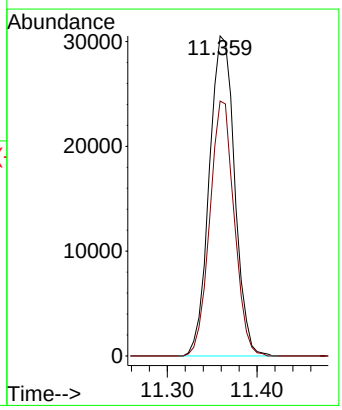


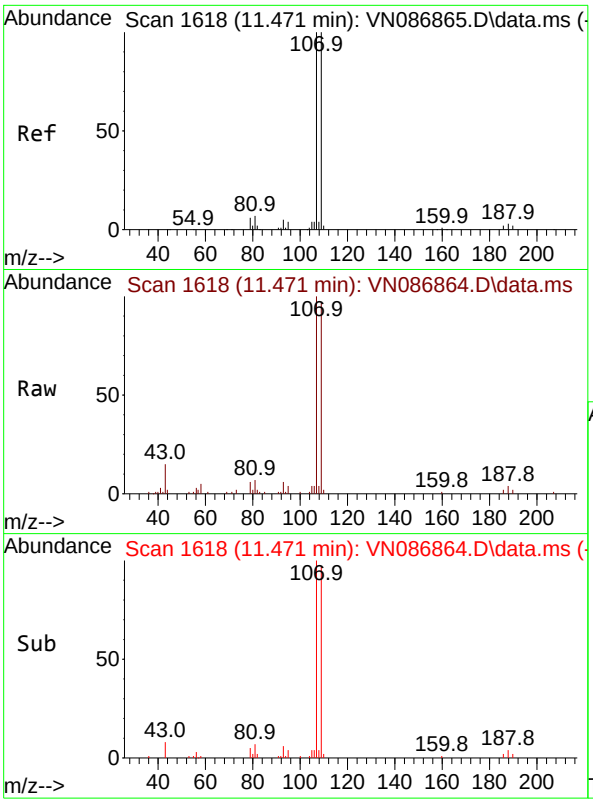


#60
Dibromochloromethane
Concen: 20.268 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:129 Resp: 59961

Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.6	115.8

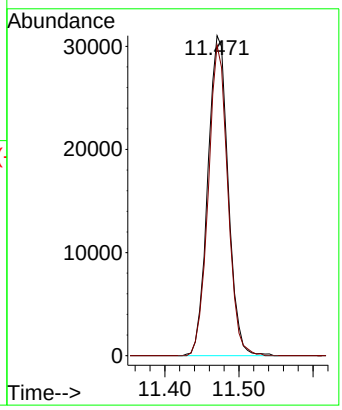




#61
1,2-Dibromoethane
Concen: 20.320 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:107 Resp: 5913

Ion	Ratio	Lower	Upper
107	100		
109	93.0	76.3	114.5



Instrument :
MSVOA_N
ClientSampleId :
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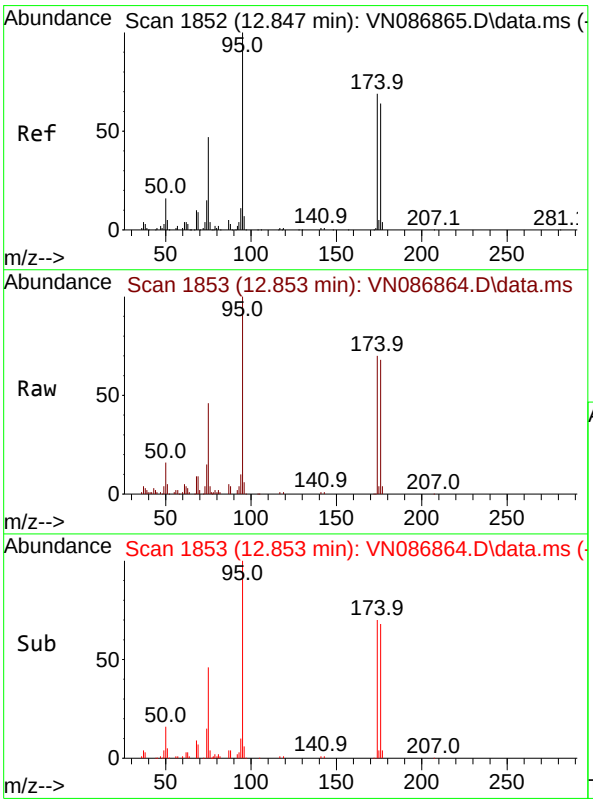
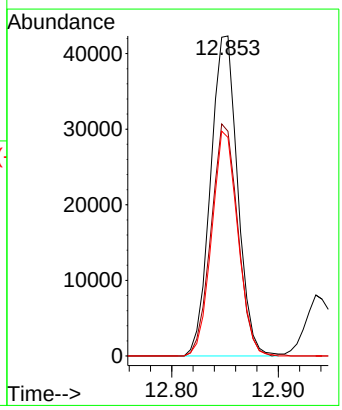
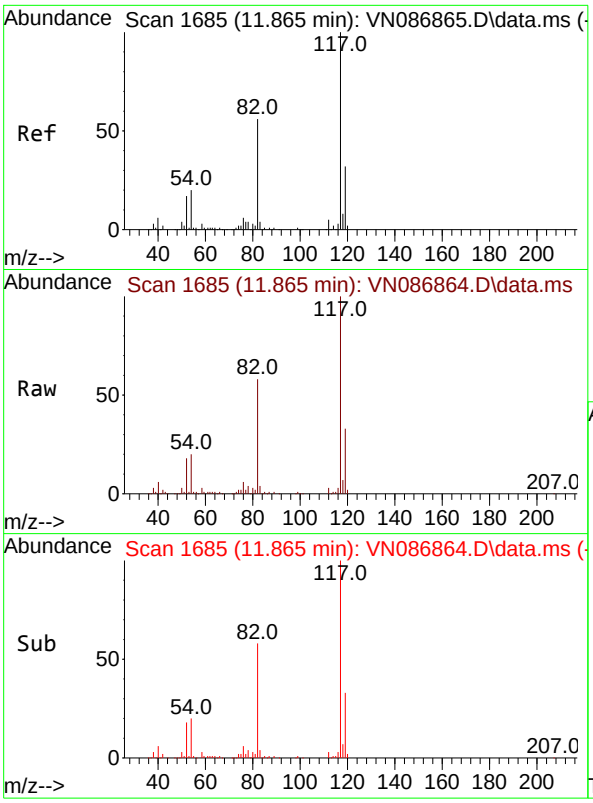


#62
4-Bromofluorobenzene
Concen: 20.474 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 95 Resp: 74622

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	141.8
176	68.0	0.0	132.6

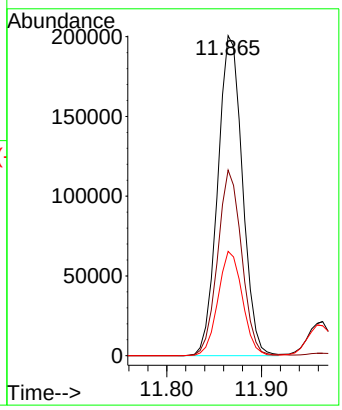




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:117 Resp: 36317

Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.6	67.0
119	32.6	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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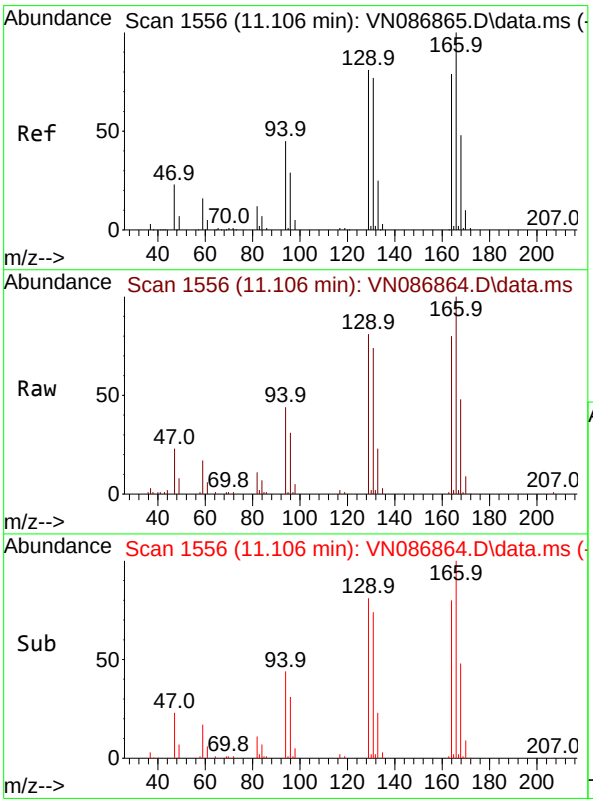
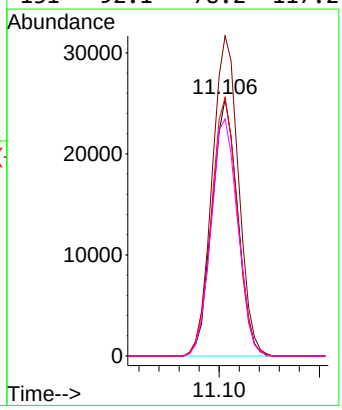
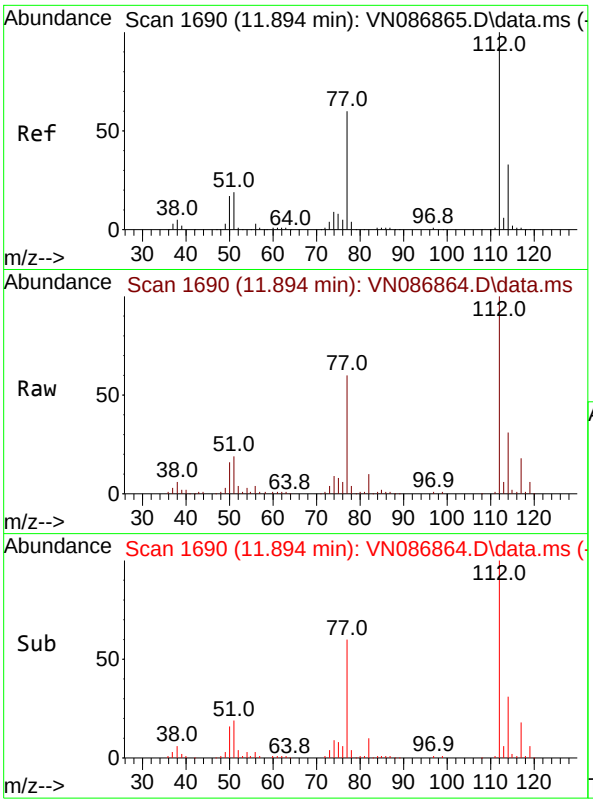


#64
Tetrachloroethene
Concen: 19.742 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:164 Resp: 45374

Ion	Ratio	Lower	Upper
164	100		
166	124.4	101.8	152.8
129	100.4	83.0	124.4
131	92.1	78.2	117.2





#65
Chlorobenzene
Concen: 20.076 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:112 Resp: 16080

Ion	Ratio	Lower	Upper
112	100		
114	30.8	26.2	39.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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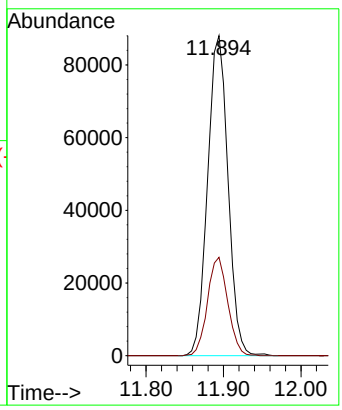
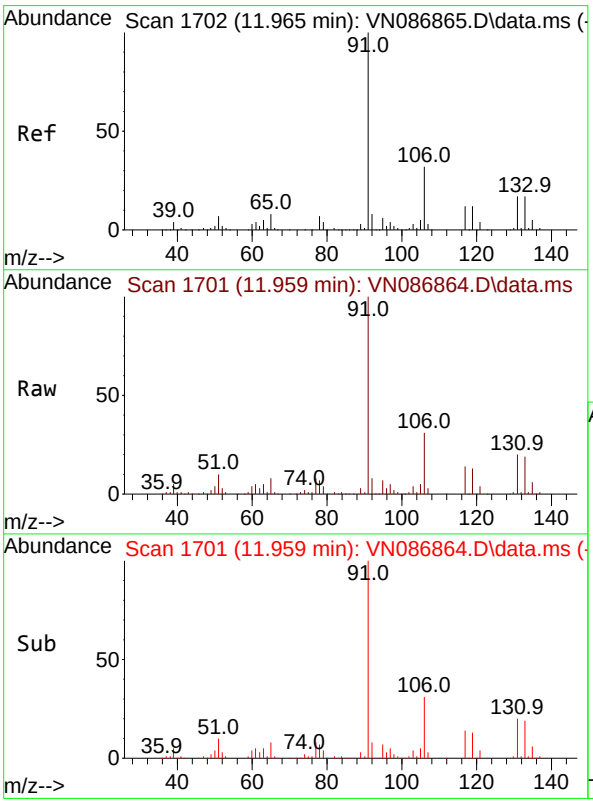
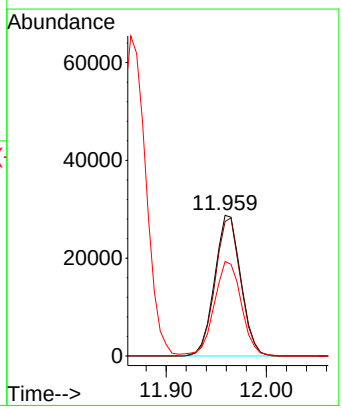


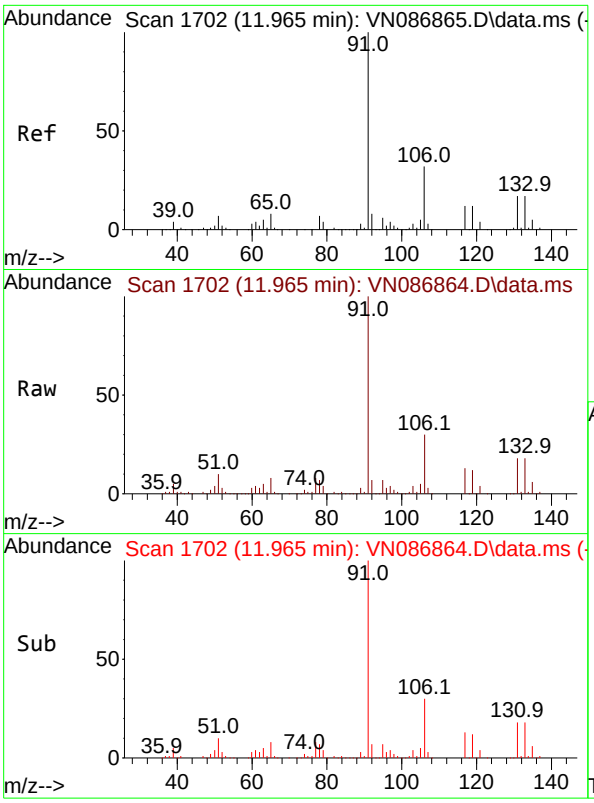


#66
1,1,1,2-Tetrachloroethane
Concen: 20.223 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:131 Resp: 52069

Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.3	144.8
119	69.6	34.0	101.8





#67
Ethyl Benzene
Concen: 20.083 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 91 Resp: 27708

Ion	Ratio	Lower	Upper
91	100		
106	30.5	25.4	38.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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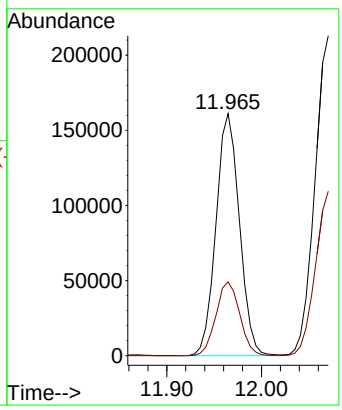
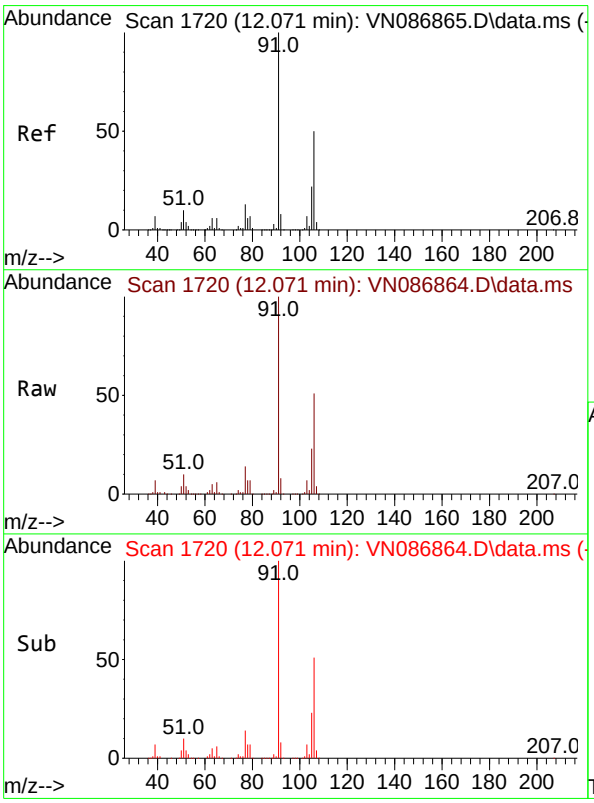
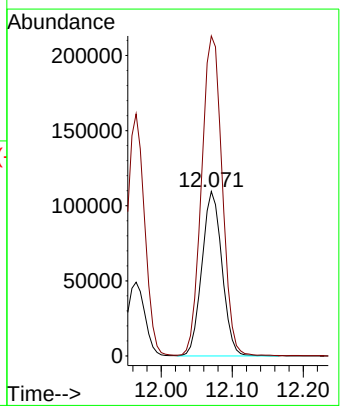


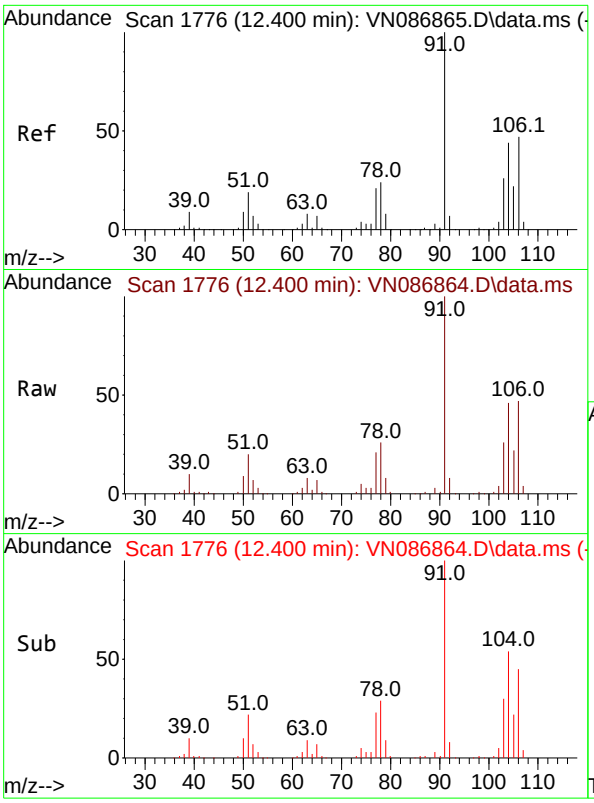


#68
m/p-Xylenes
Concen: 40.780 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:106 Resp: 215378

Ion	Ratio	Lower	Upper
106	100		
91	199.8	159.4	239.0





#69
o-Xylene
Concen: 20.175 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:106 Resp: 10205

Ion	Ratio	Lower	Upper
106	100		
91	215.9	106.1	318.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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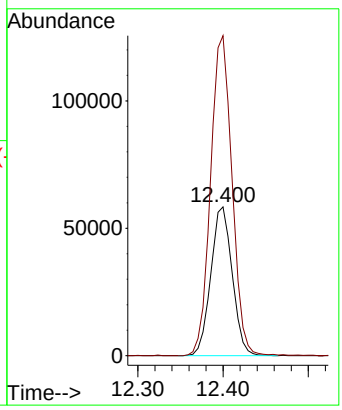
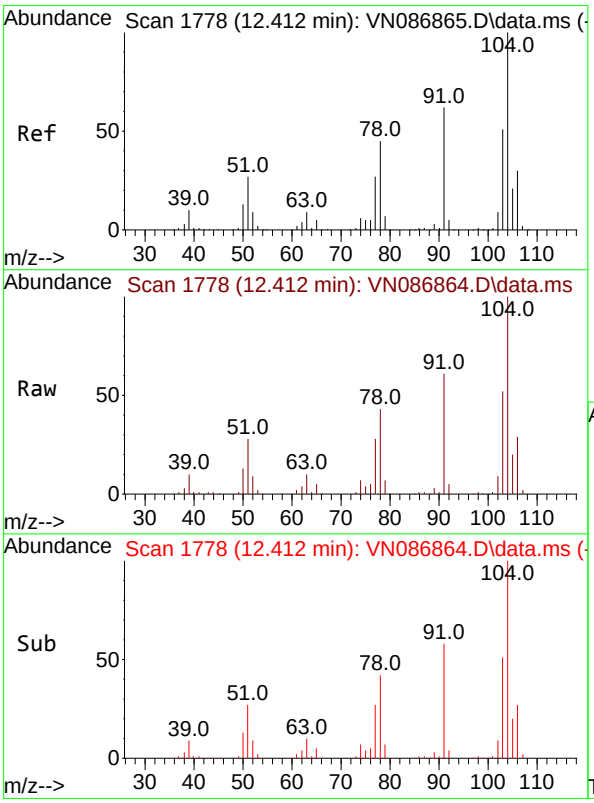
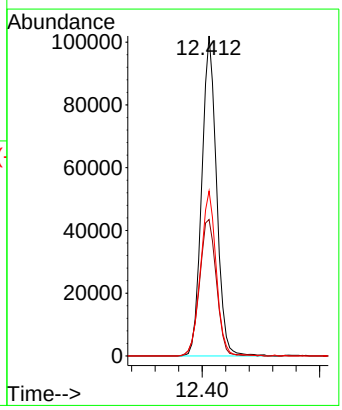


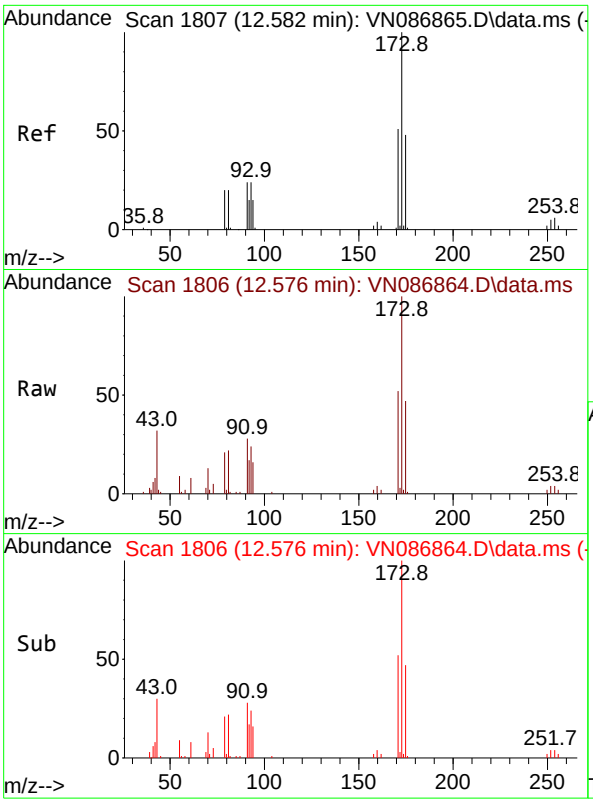


#70
Styrene
Concen: 20.572 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:104 Resp: 178061

Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.5	57.7
103	54.4	43.1	64.7

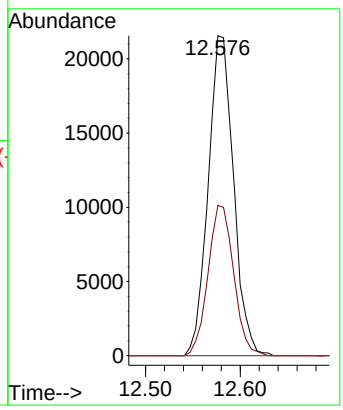




#71
Bromoform
Concen: 21.004 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:173 Resp: 4007

Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.1	72.4
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
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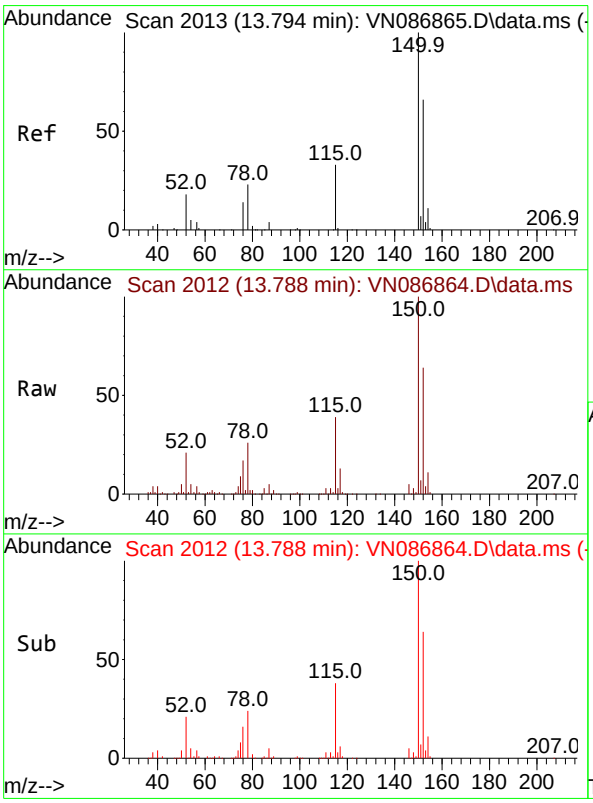
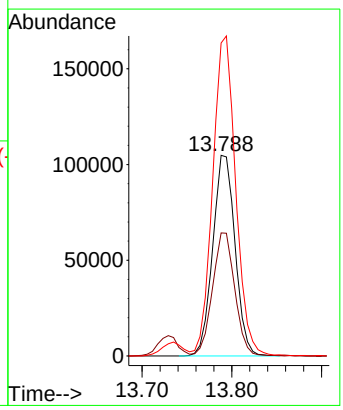
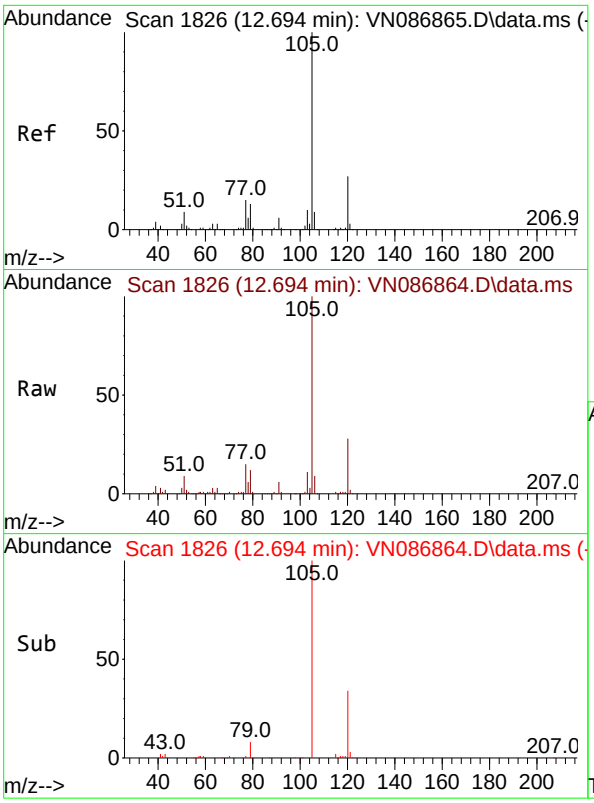


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:152 Resp: 181178

Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.1	90.5
150	164.5	0.0	345.0

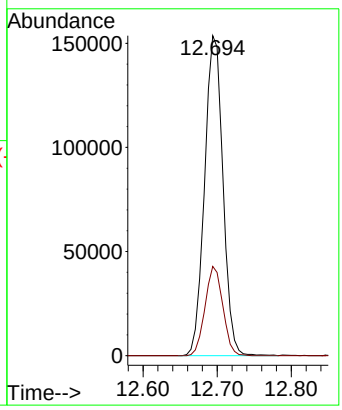




#73
Isopropylbenzene
Concen: 20.035 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:105 Resp: 26444

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4



Instrument :
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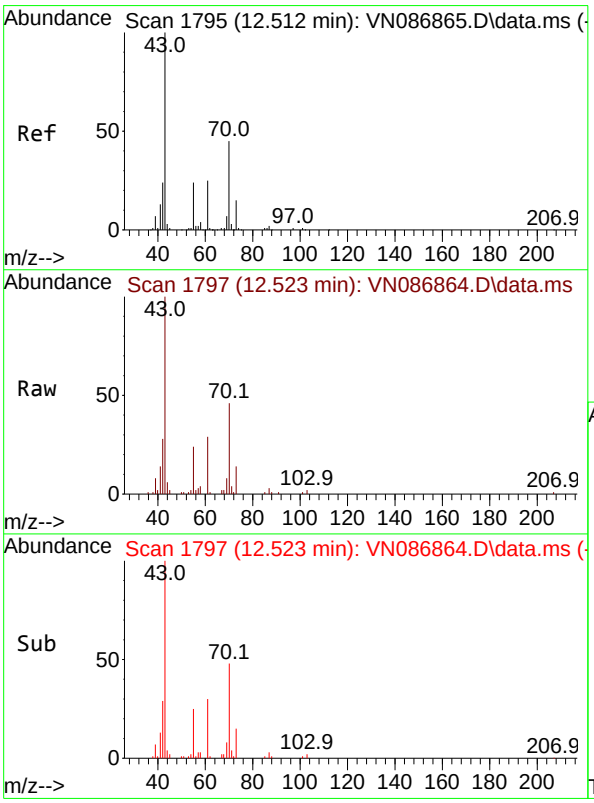
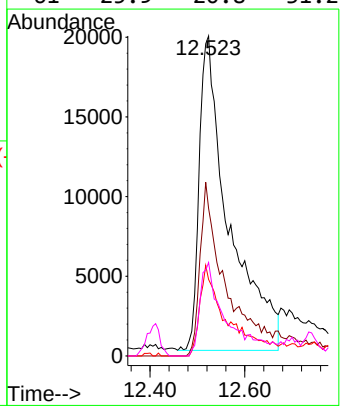
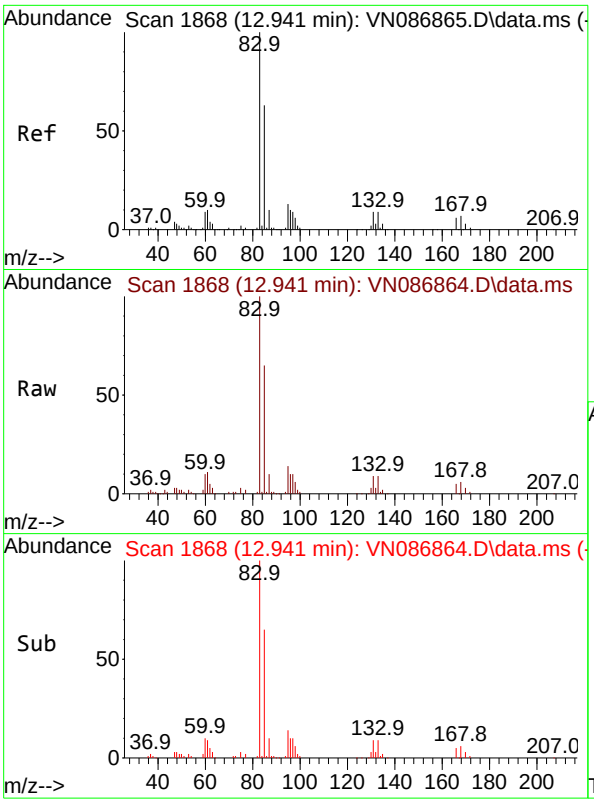


#74
N-amyl acetate
Concen: 19.633 ug/l
RT: 12.523 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 86003

Ion	Ratio	Lower	Upper
43	100		
70	47.7	37.6	56.4
55	26.6	19.0	28.6
61	25.9	20.8	31.2

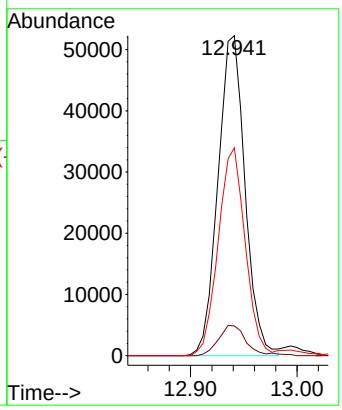




#75
1,1,2,2-Tetrachloroethane
Concen: 20.634 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 83 Resp: 9226

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.5	32.0	96.0



Instrument :
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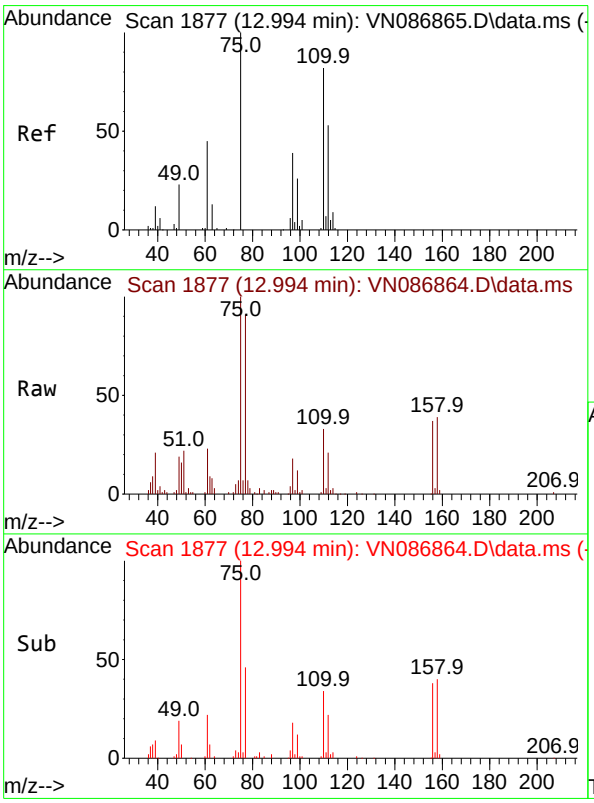
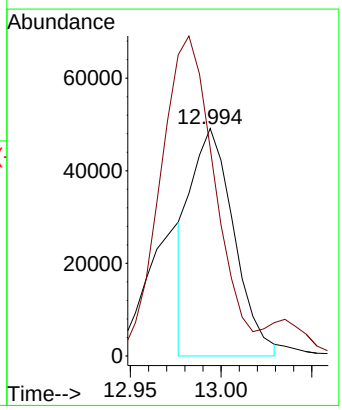
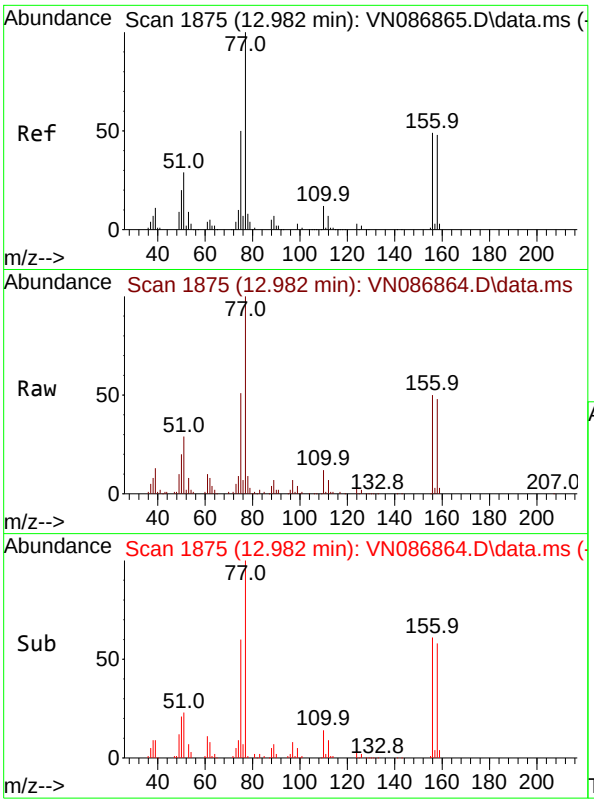


#76
1,2,3-Trichloropropane
Concen: 18.945 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 81846

Ion	Ratio	Lower	Upper
75	100		
77	176.5	79.3	237.9

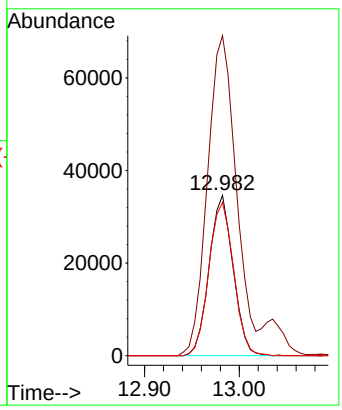




#77
Bromobenzene
Concen: 20.111 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:156 Resp: 6087

Ion	Ratio	Lower	Upper
156	100		
77	237.3	117.7	353.1
158	99.0	48.1	144.4



Instrument :
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ClientSampleId :
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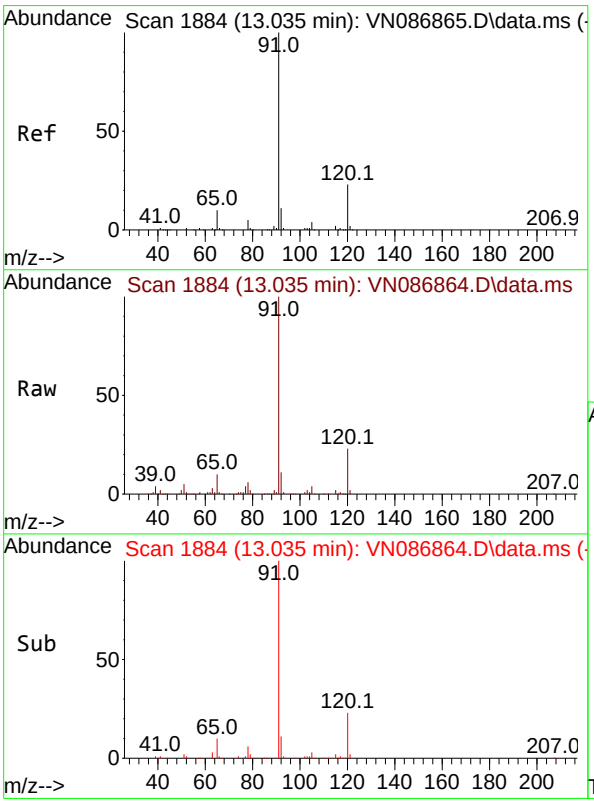
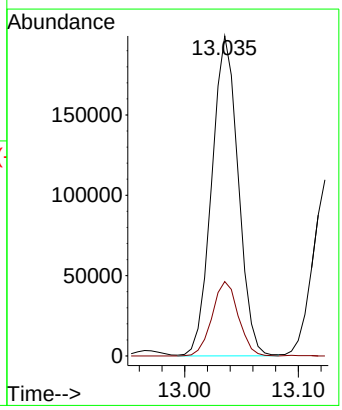
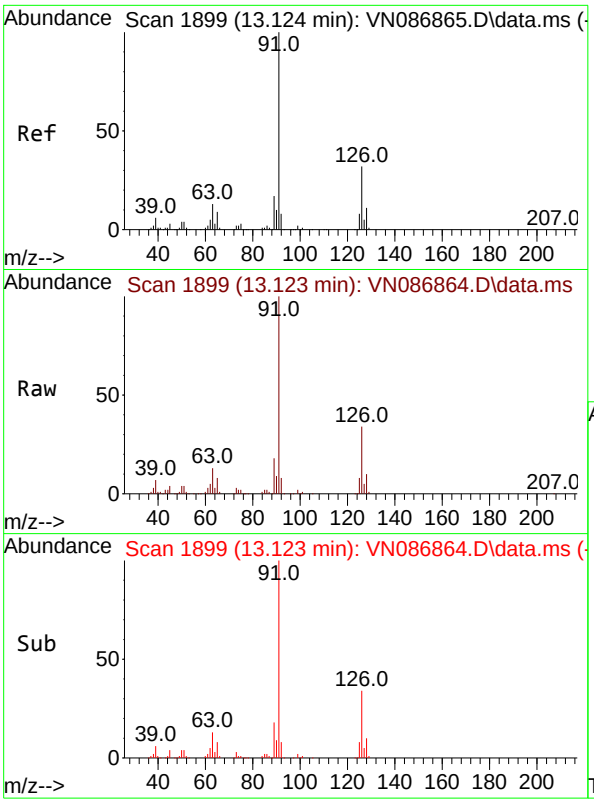


#78
n-propylbenzene
Concen: 20.102 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 91 Resp: 322436

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2

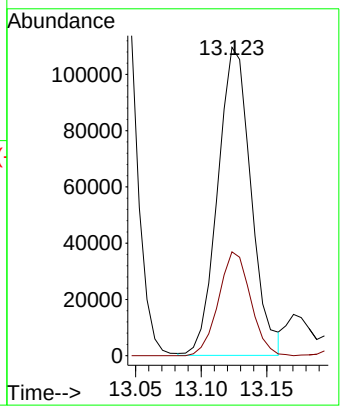




#79
2-Chlorotoluene
Concen: 20.144 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 91 Resp: 19377

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.2	48.5



Instrument :
MSVOA_N
ClientSampleId :
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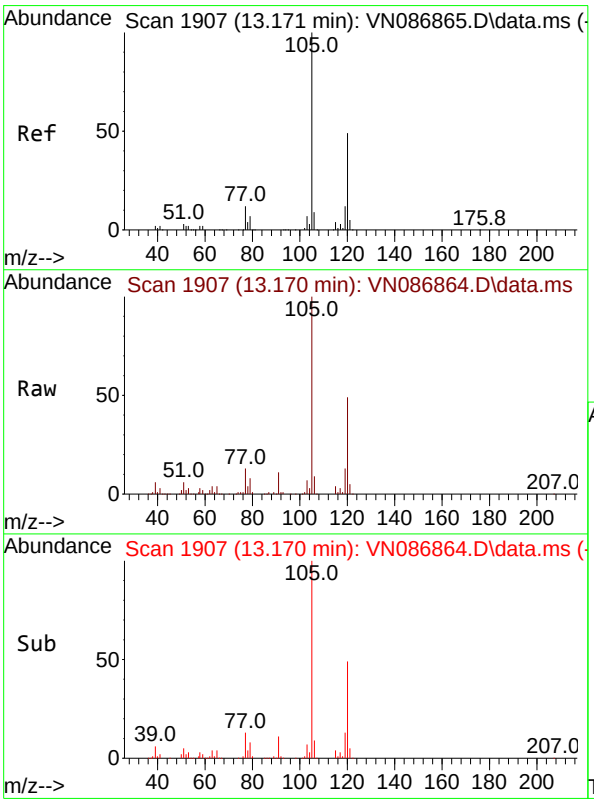
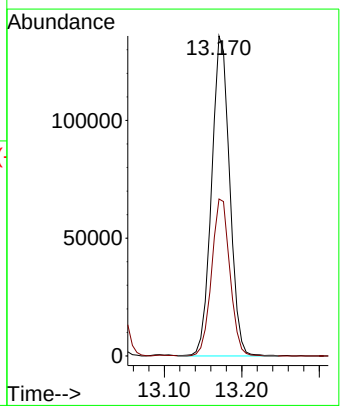
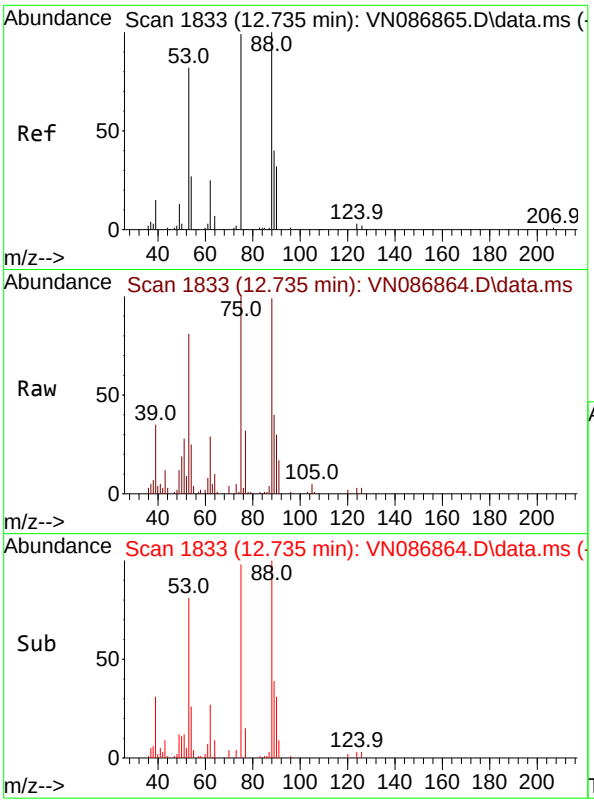


#80
1,3,5-Trimethylbenzene
Concen: 20.183 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:105 Resp: 219937

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.9	74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.209 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 3780

Ion	Ratio	Lower	Upper
75	100		
53	77.3	66.6	99.8
89	39.6	36.7	55.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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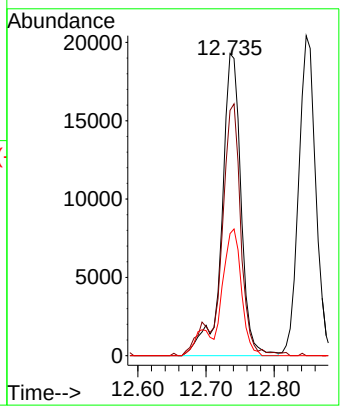
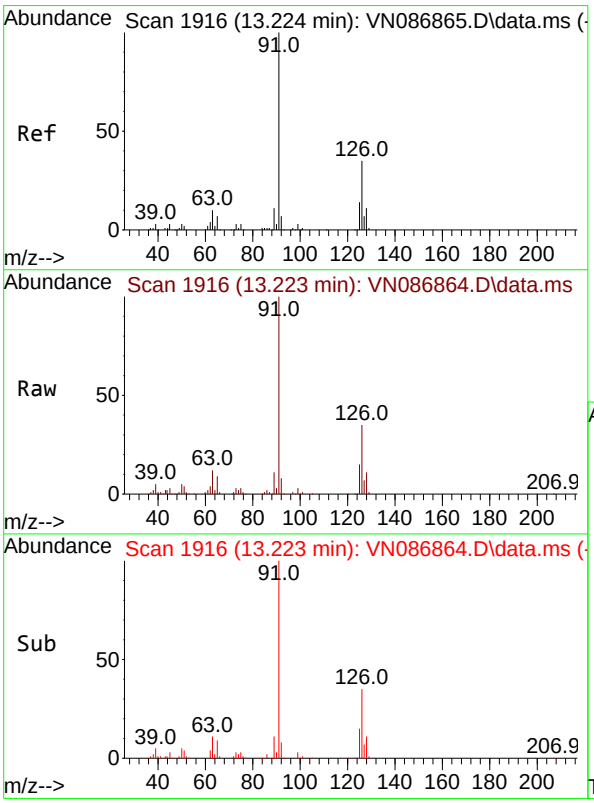
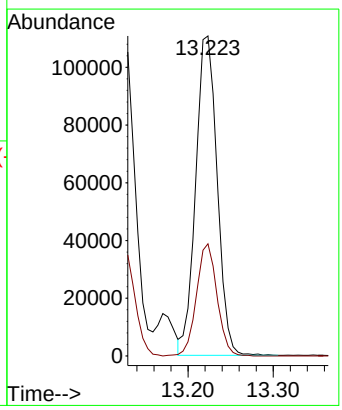


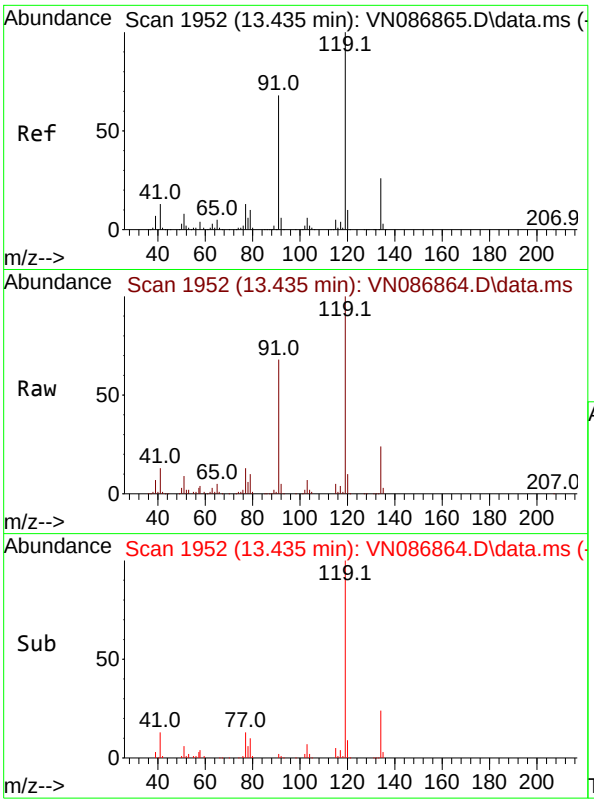


#82
4-Chlorotoluene
Concen: 19.885 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 91 Resp: 193544

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.7	50.1

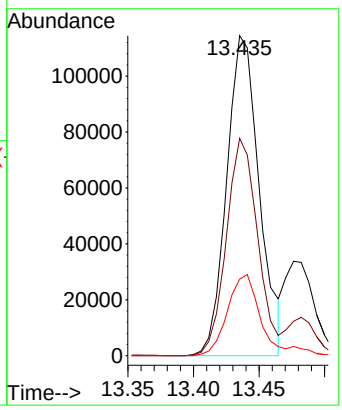




#83
tert-Butylbenzene
Concen: 19.880 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:119 Resp: 19830

Ion	Ratio	Lower	Upper
119	100		
91	65.2	32.1	96.5
134	26.5	13.4	40.1



Instrument :
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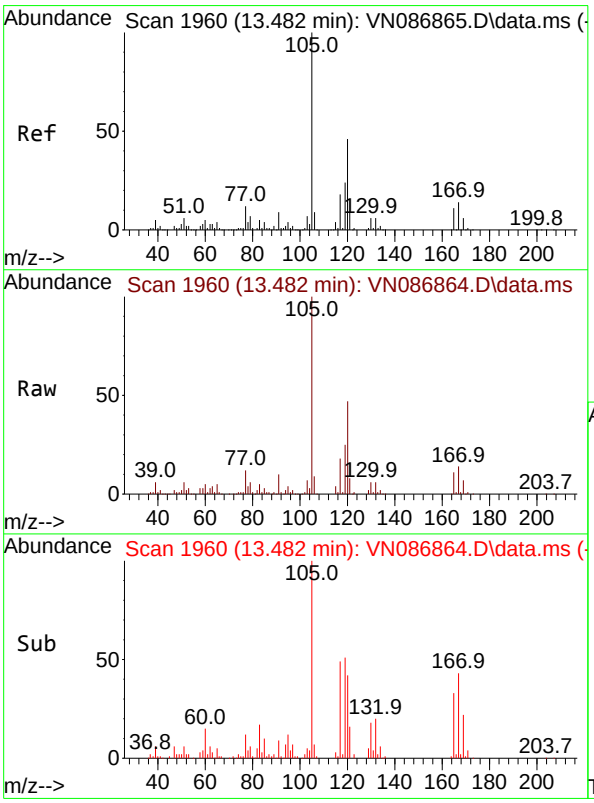
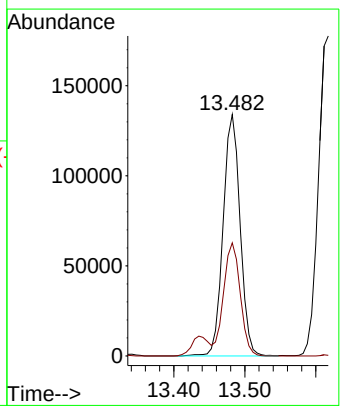
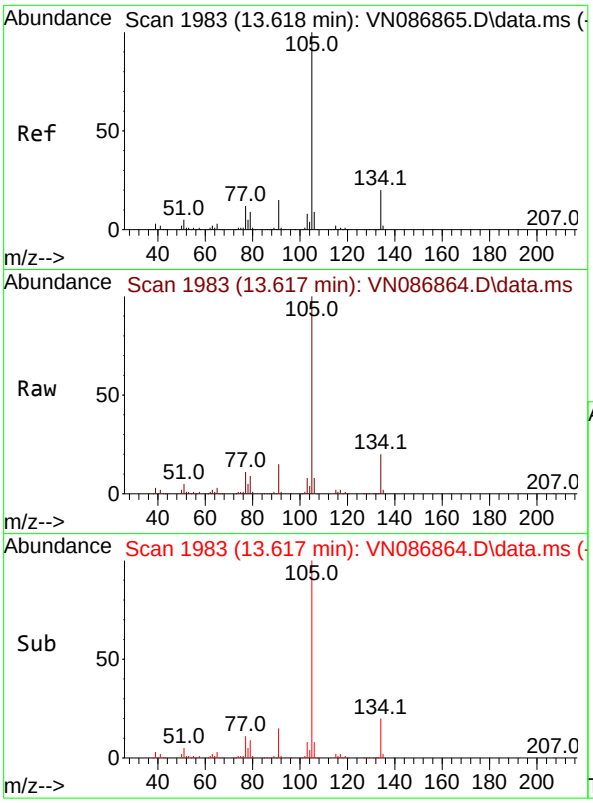


#84
1,2,4-Trimethylbenzene
Concen: 20.315 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:105 Resp: 221990

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.2	69.6

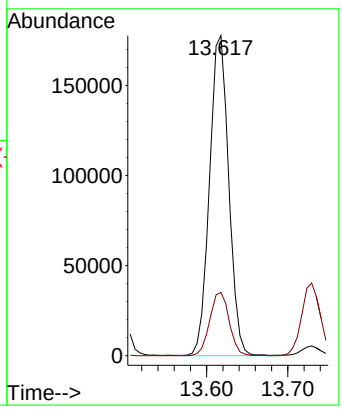




#85
sec-Butylbenzene
Concen: 20.196 ug/l
RT: 13.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:105 Resp: 29256

Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.0	30.0



Instrument :
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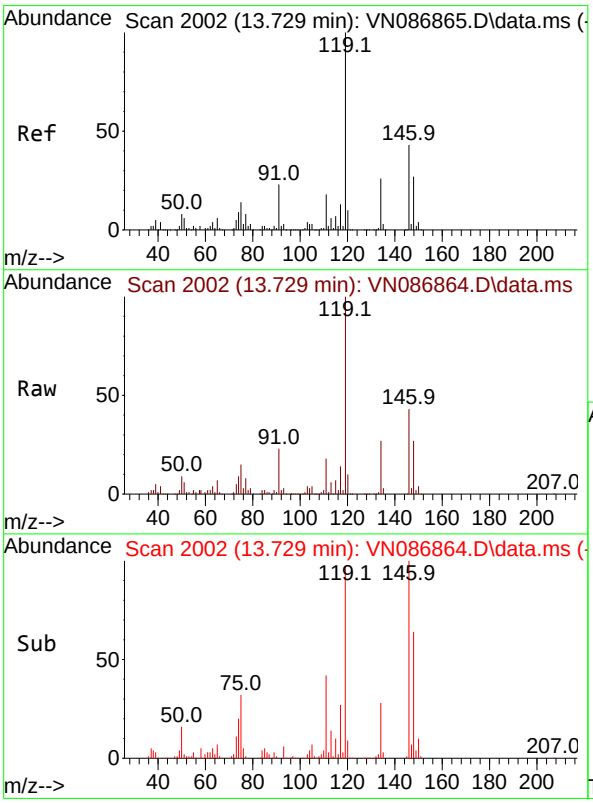
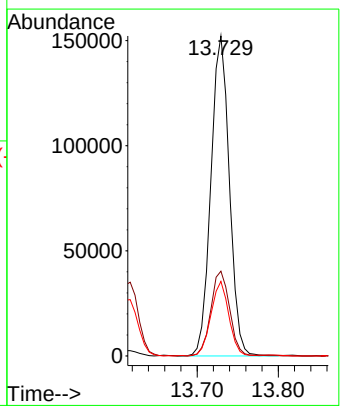
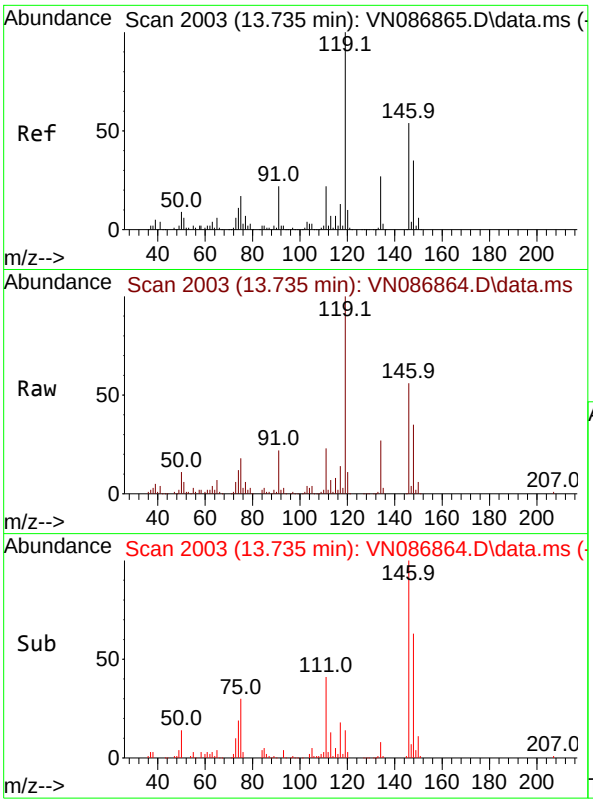


#86
p-Isopropyltoluene
Concen: 20.099 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:119 Resp: 240682

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.5	40.4
91	22.7	11.5	34.4

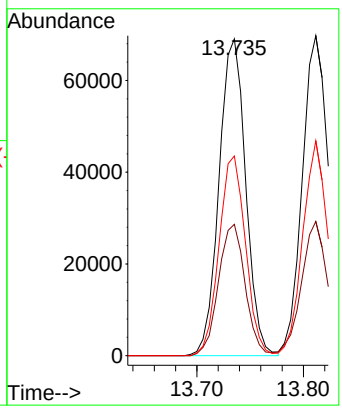




#87
1,3-Dichlorobenzene
Concen: 20.166 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:146 Resp: 12009

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.9	62.8
148	62.5	32.0	96.2



Instrument :
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ClientSampleId :
VSTDICC020

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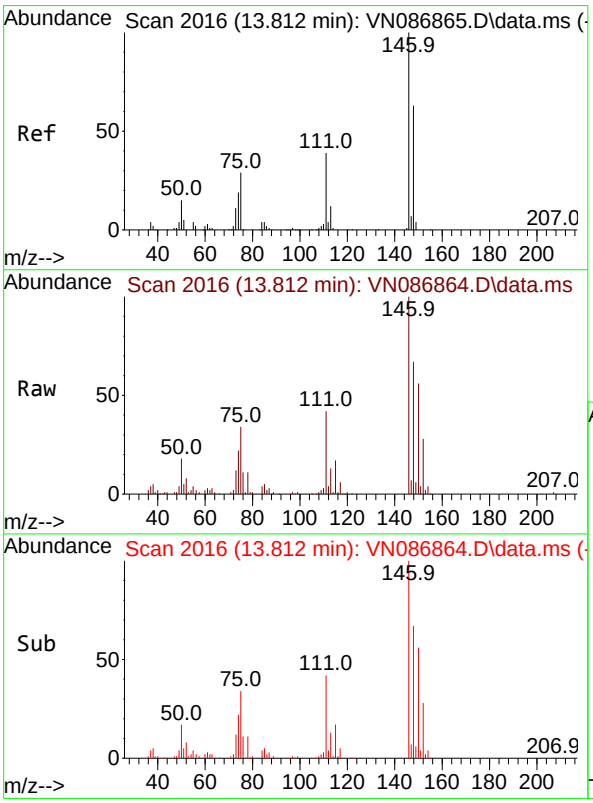
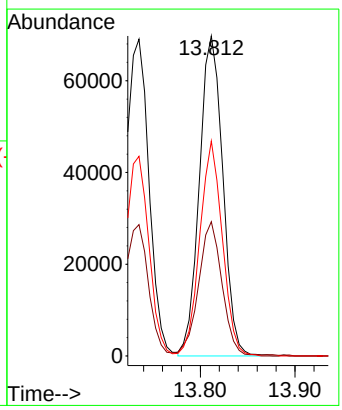
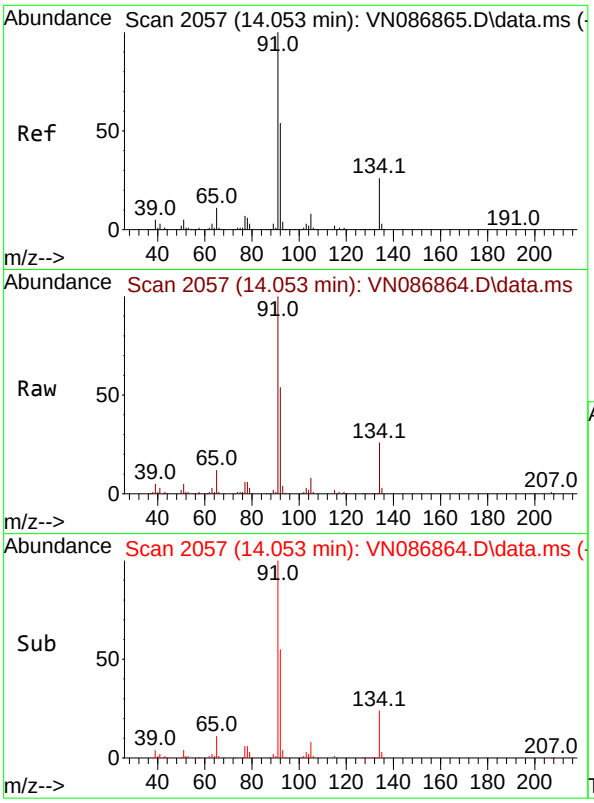


#88
1,4-Dichlorobenzene
Concen: 19.780 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:146 Resp: 120102

Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.9	59.7
148	64.7	31.8	95.4

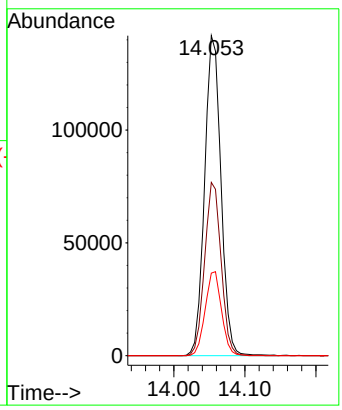




#89
n-Butylbenzene
Concen: 19.617 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 91 Resp: 22753

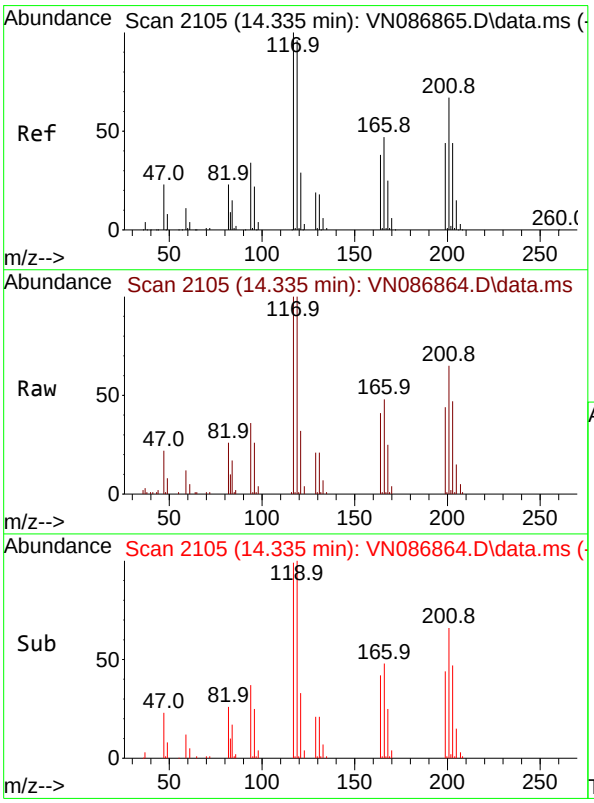
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.5	82.4
134	26.2	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

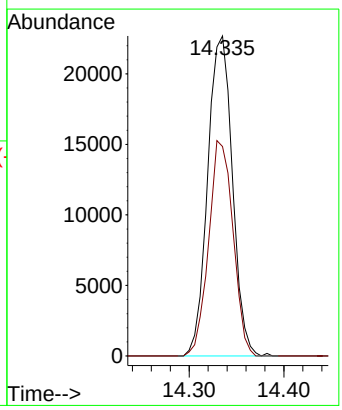
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

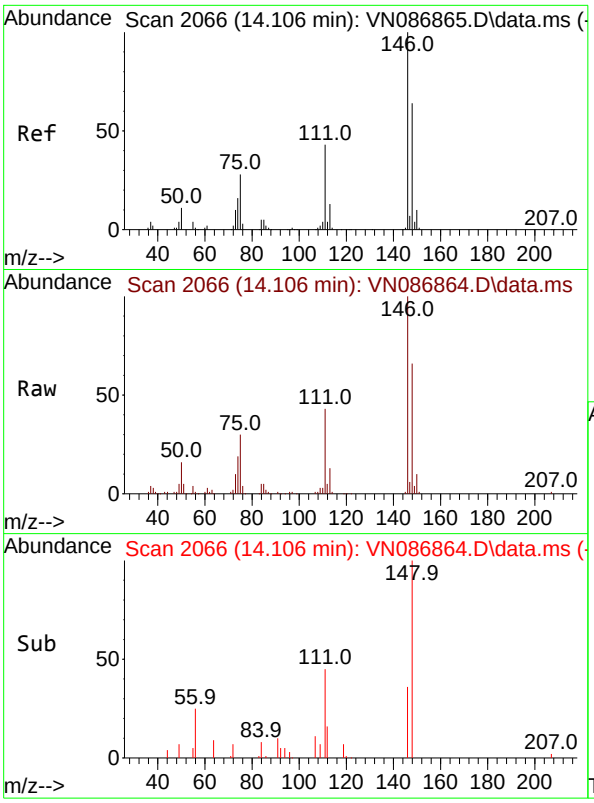


#90
Hexachloroethane
Concen: 20.299 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:117 Resp: 41202

Ion	Ratio	Lower	Upper
117	100		
201	66.2	33.2	99.6

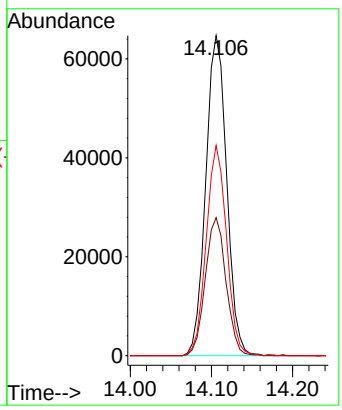




#91
1,2-Dichlorobenzene
Concen: 20.212 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:146 Resp: 11564

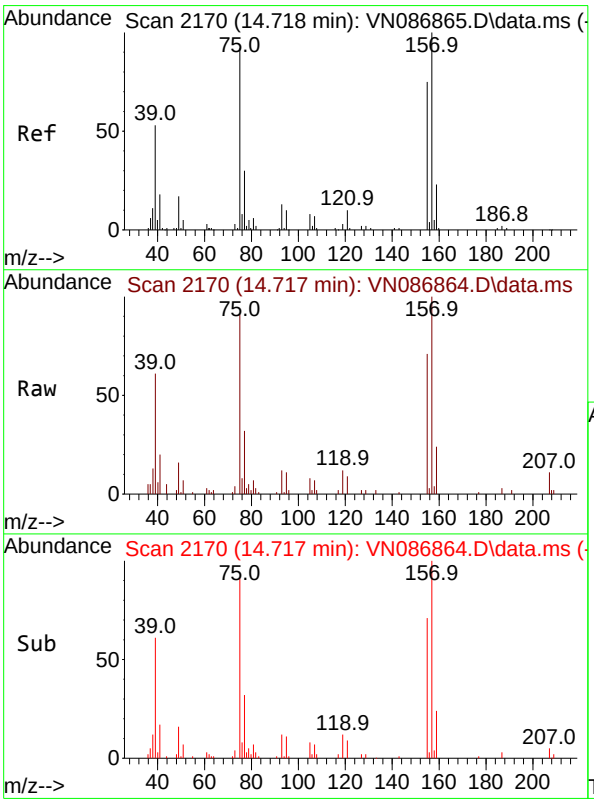
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	64.6
148	63.9	31.7	95.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

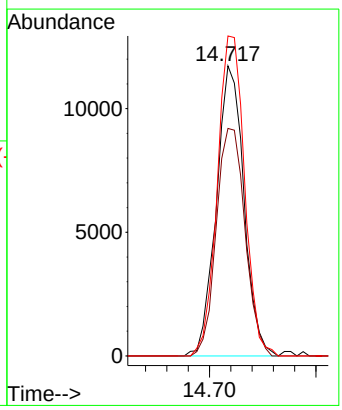
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

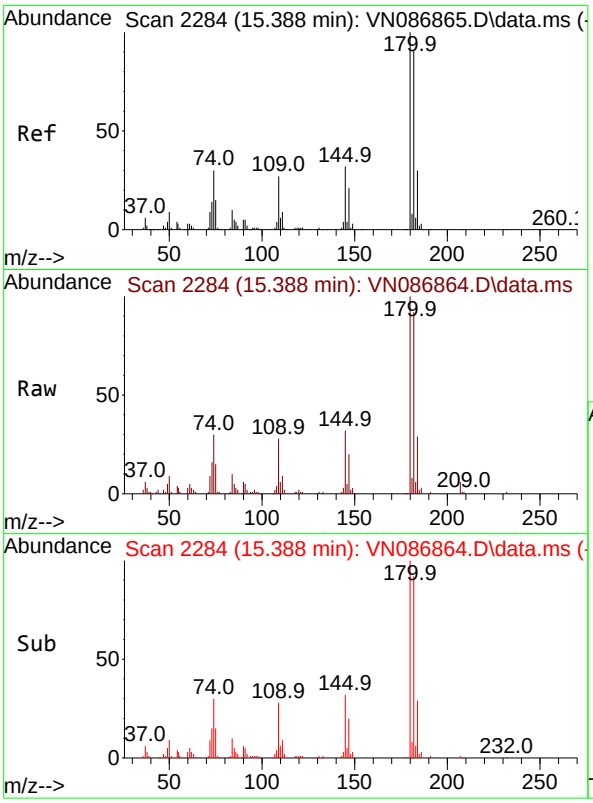


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.661 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 21025

Ion	Ratio	Lower	Upper
75	100		
155	81.8	41.1	123.4
157	109.0	52.7	158.1

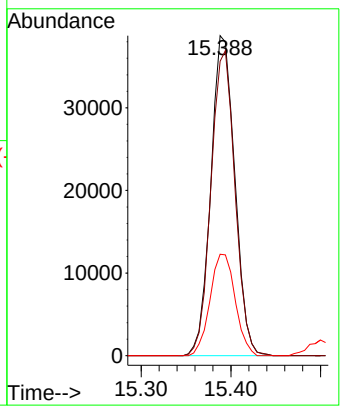




#93
1,2,4-Trichlorobenzene
Concen: 19.659 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:180 Resp: 7182

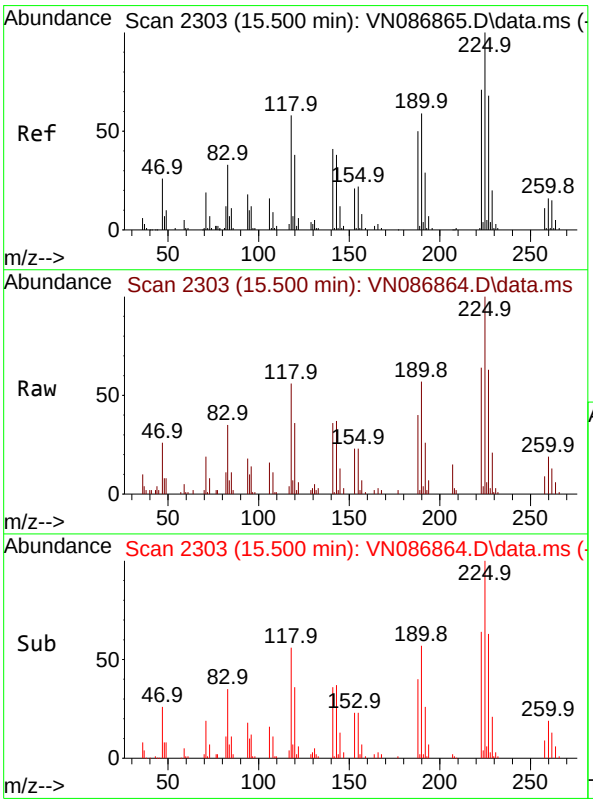
Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.9	140.7
145	33.3	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

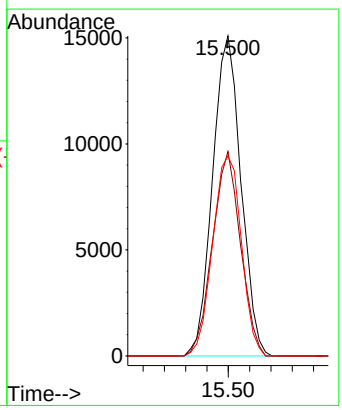
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

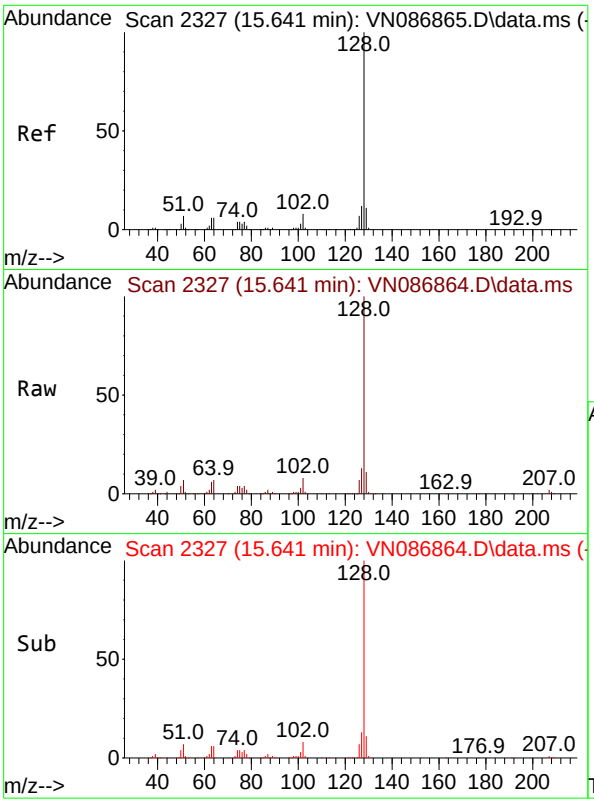


#94
Hexachlorobutadiene
Concen: 20.486 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:225 Resp: 27887

Ion	Ratio	Lower	Upper
225	100		
223	63.0	33.5	100.4
227	63.3	31.1	93.5

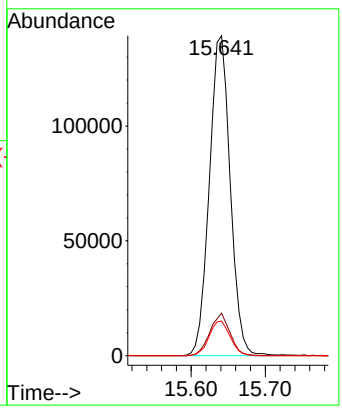




#95
Naphthalene
Concen: 20.043 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:128 Resp: 27258

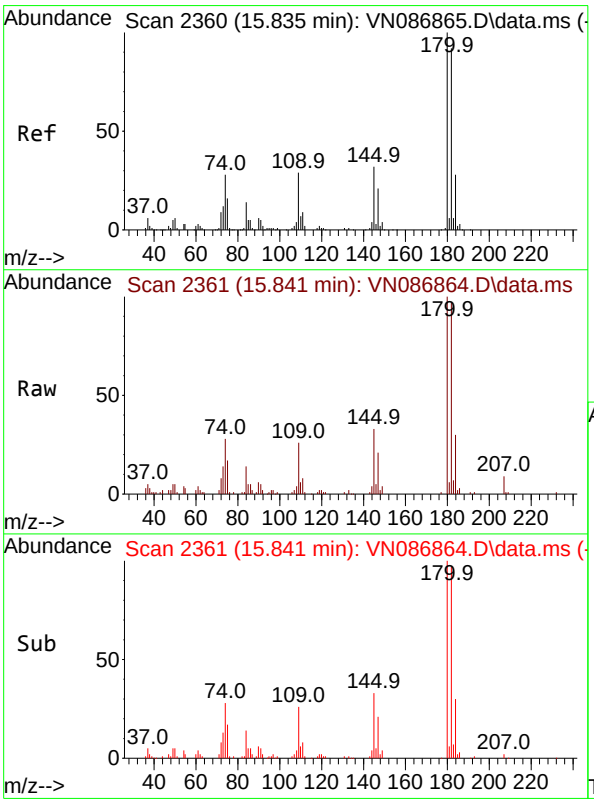
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

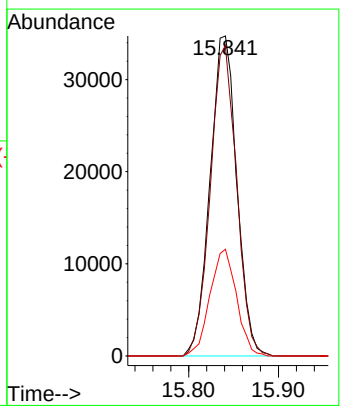
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.815 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:180 Resp: 71929

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.0	141.0
145	33.1	16.6	49.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.236	168	207354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	378587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	103736	37.366	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 74.740%			
35) Dibromofluoromethane	8.171	113	83058	37.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 74.040%#			
50) Toluene-d8	10.571	98	326105	36.716	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 73.440%#			
62) 4-Bromofluorobenzene	12.847	95	122965	37.264	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 74.520%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	103958	50.283	ug/l	100
3) Chloromethane	2.395	50	123866	46.397	ug/l	100
4) Vinyl Chloride	2.554	62	132783	48.215	ug/l	100
5) Bromomethane	2.995	94	73974	47.999	ug/l	100
6) Chloroethane	3.154	64	84505	47.504	ug/l	100
7) Trichlorofluoromethane	3.524	101	172860	48.041	ug/l	100
8) Diethyl Ether	3.983	74	75193	47.963	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.395	101	107695	47.640	ug/l	100
10) Methyl Iodide	4.606	142	141678	48.346	ug/l	100
11) Tert butyl alcohol	5.548	59	182315	242.020	ug/l	100
12) 1,1-Dichloroethene	4.359	96	110549	47.900	ug/l	100
13) Acrolein	4.201	56	47026	197.217	ug/l	100
14) Allyl chloride	5.042	41	179313	46.848	ug/l	100
15) Acrylonitrile	5.742	53	421941	239.638	ug/l	100
16) Acetone	4.448	43	333857	226.765	ug/l	100
17) Carbon Disulfide	4.730	76	295753	46.328	ug/l	100
18) Methyl Acetate	5.042	43	204538	47.673	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	400775	47.960	ug/l	100
20) Methylene Chloride	5.295	84	125498	45.531	ug/l	100
21) trans-1,2-Dichloroethene	5.806	96	117660	45.822	ug/l	100
22) Diisopropyl ether	6.689	45	384939	47.711	ug/l	100
23) Vinyl Acetate	6.618	43	1649023	241.910	ug/l	100
24) 1,1-Dichloroethane	6.583	63	220477	47.485	ug/l	100
25) 2-Butanone	7.494	43	571221	238.693	ug/l	100
26) 2,2-Dichloropropane	7.500	77	187567	51.933	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	144911	47.189	ug/l	100
28) Bromochloromethane	7.824	49	96707	42.362	ug/l	100
29) Tetrahydrofuran	7.853	42	371357	238.210	ug/l	100
30) Chloroform	7.977	83	220093	47.467	ug/l	100
31) Cyclohexane	8.271	56	208105	46.217	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	185502	47.037	ug/l	100
36) 1,1-Dichloropropene	8.377	75	158341	47.362	ug/l	100
37) Ethyl Acetate	7.577	43	203091	47.720	ug/l	100
38) Carbon Tetrachloride	8.371	117	154677	47.126	ug/l	100
39) Methylcyclohexane	9.606	83	215849	47.126	ug/l	100
40) Benzene	8.612	78	509334	46.590	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	114727	48.000	ug/l		100
42) 1,2-Dichloroethane	8.677	62	155713	46.960	ug/l		100
43) Isopropyl Acetate	8.694	43	322741	47.248	ug/l		100
44) Trichloroethene	9.359	130	123847	47.776	ug/l		100
45) 1,2-Dichloropropane	9.630	63	125673	47.251	ug/l		100
46) Dibromomethane	9.718	93	83811	47.442	ug/l		100
47) Bromodichloromethane	9.894	83	173200	47.651	ug/l		100
48) Methyl methacrylate	9.683	41	149019	47.399	ug/l		100
49) 1,4-Dioxane	9.700	88	59060	1032.607	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.447	43	1017688	247.484	ug/l		100
52) Toluene	10.635	92	316219	47.331	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	197475	48.587	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	208523	47.950	ug/l		100
55) 1,1,2-Trichloroethane	11.018	97	121969	47.445	ug/l		100
56) Ethyl methacrylate	10.882	69	210467	51.401	ug/l		100
57) 1,3-Dichloropropane	11.165	76	212243	47.593	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	519139	212.570	ug/l		100
59) 2-Hexanone	11.200	43	696567	262.977	ug/l		100
60) Dibromochloromethane	11.359	129	128715	48.056	ug/l		100
61) 1,2-Dibromoethane	11.471	107	124522	47.258	ug/l		100
64) Tetrachloroethene	11.106	164	97679	46.382	ug/l		100
65) Chlorobenzene	11.894	112	340439	46.386	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.965	131	112333	47.615	ug/l		100
67) Ethyl Benzene	11.965	91	597593	47.271	ug/l		100
68) m/p-Xylenes	12.071	106	466620	96.424	ug/l		100
69) o-Xylene	12.400	106	224299	48.395	ug/l		100
70) Styrene	12.412	104	386596	48.745	ug/l		100
71) Bromoform	12.582	173	88127	50.415	ug/l	#	100
73) Isopropylbenzene	12.694	105	573905	47.023	ug/l		100
74) N-amyl acetate	12.512	43	212064	52.353	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.941	83	197360	47.732	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	196473m	49.183	ug/l		
77) Bromobenzene	12.982	156	132381	47.296	ug/l		100
78) n-propylbenzene	13.035	91	705524	47.567	ug/l		100
79) 2-Chlorotoluene	13.124	91	419986	47.216	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	485499	48.181	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	79732	46.089	ug/l		100
82) 4-Chlorotoluene	13.224	91	424066	47.117	ug/l		100
83) tert-Butylbenzene	13.435	119	438417	47.531	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	488189	48.314	ug/l		100
85) sec-Butylbenzene	13.618	105	641523	47.893	ug/l		100
86) p-Isopropyltoluene	13.729	119	533366	48.169	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	260310	47.269	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	263358	46.907	ug/l		100
89) n-Butylbenzene	14.053	91	512519	47.787	ug/l		100
90) Hexachloroethane	14.335	117	89896	47.896	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	251235	47.486	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	45535	46.049	ug/l		100
93) 1,2,4-Trichlorobenzene	15.388	180	162374	48.061	ug/l		100
94) Hexachlorobutadiene	15.500	225	60866	48.356	ug/l		100
95) Naphthalene	15.641	128	603088	47.958	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	159113	47.402	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
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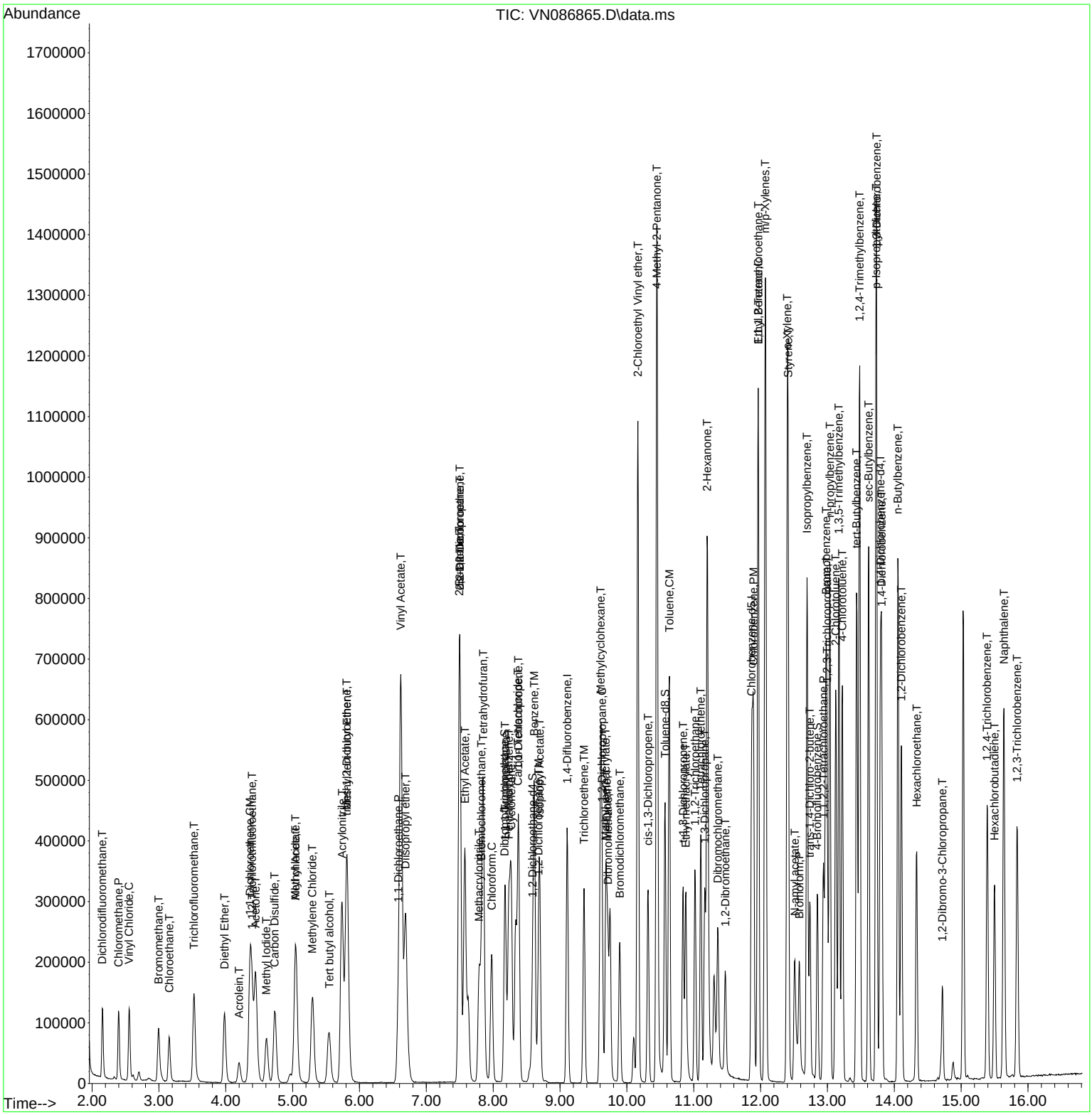
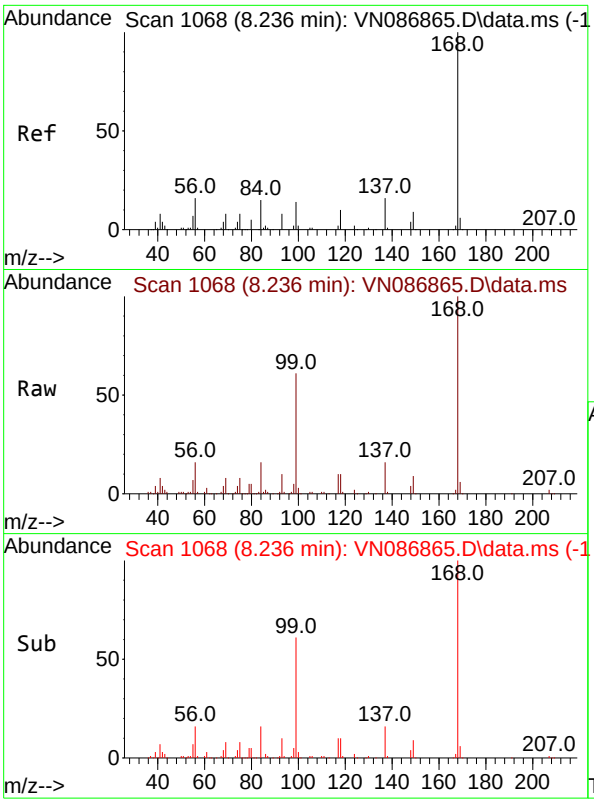
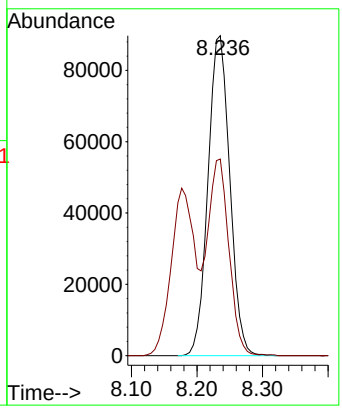




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:168 Resp: 20735

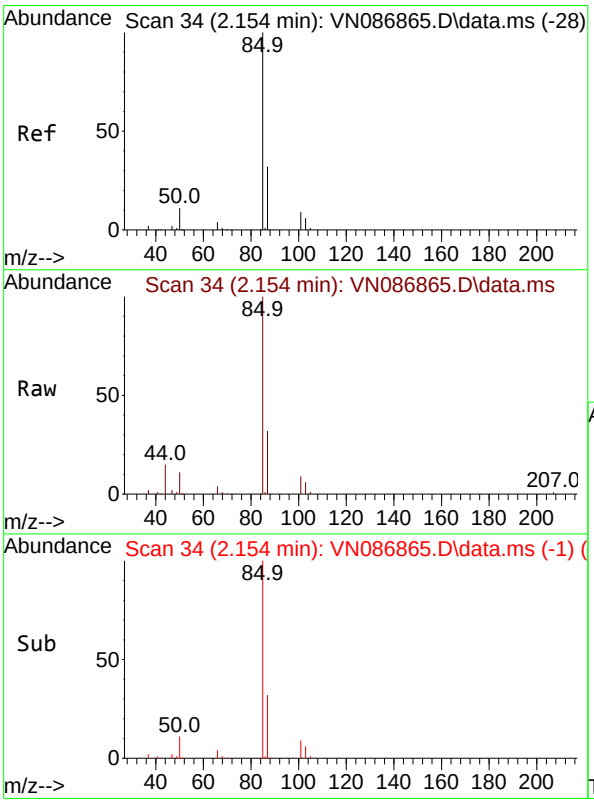
Ion	Ratio	Lower	Upper
168	100		
99	61.4	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

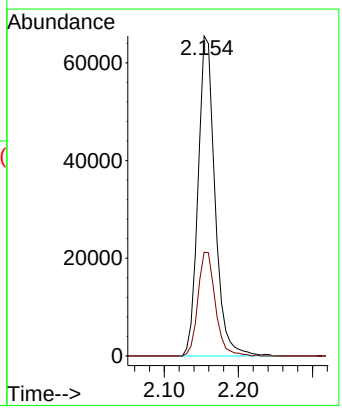
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

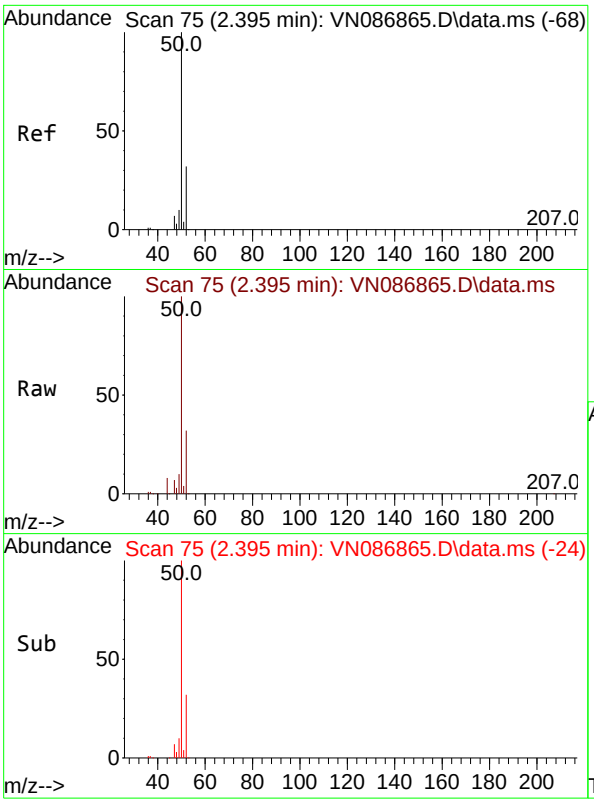


#2
Dichlorodifluoromethane
Concen: 50.283 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 85 Resp: 103958

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.2	48.6

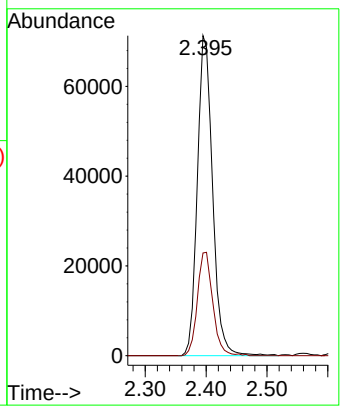




#3
Chloromethane
Concen: 46.397 ug/l
RT: 2.395 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 50 Resp: 12386

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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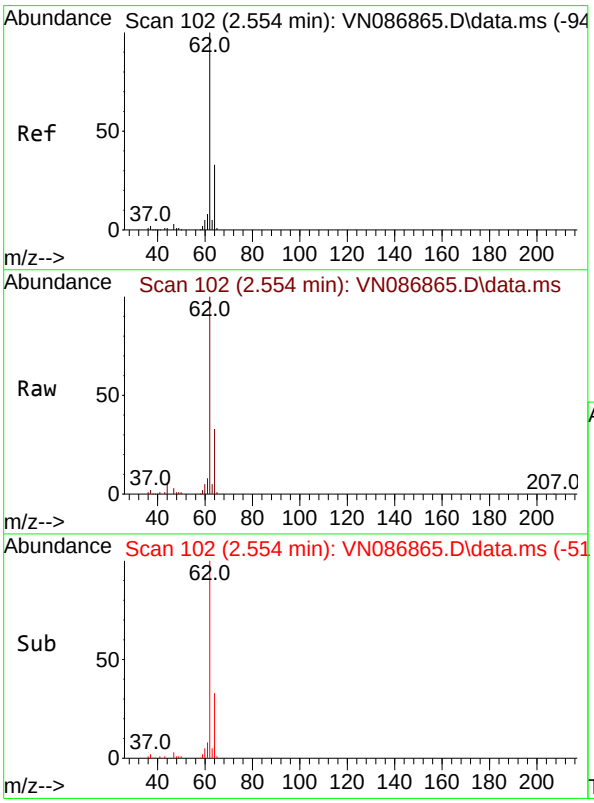
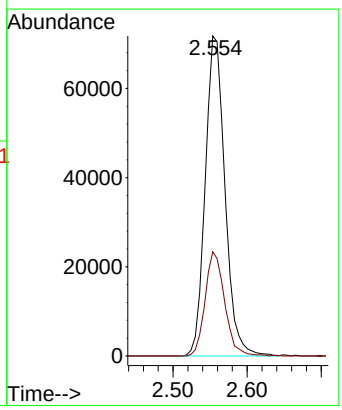
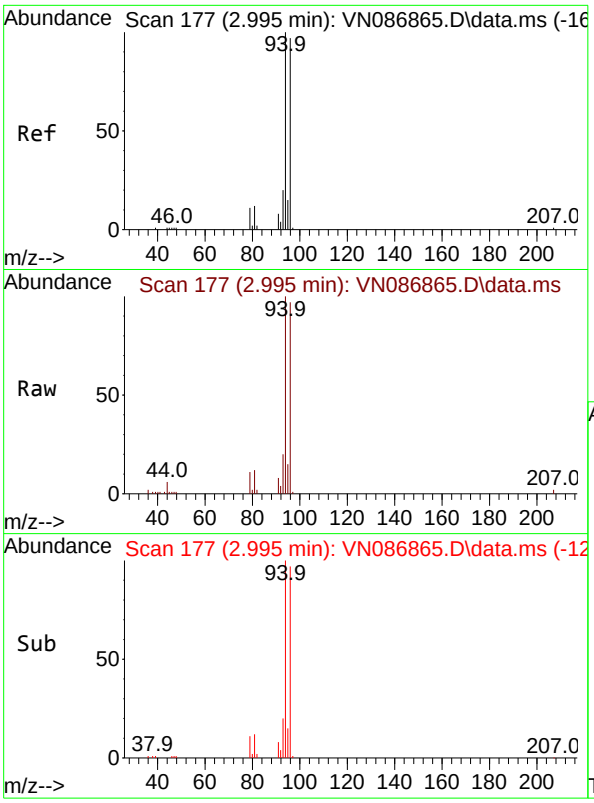


#4
Vinyl Chloride
Concen: 48.215 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 62 Resp: 132783

Ion	Ratio	Lower	Upper
62	100		
64	32.5	26.0	39.0

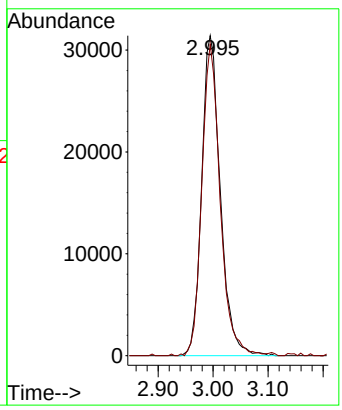




#5
Bromomethane
Concen: 47.999 ug/l
RT: 2.995 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 94 Resp: 7397

Ion	Ratio	Lower	Upper
94	100		
96	97.4	77.9	116.9



Instrument :
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VSTDICCC050

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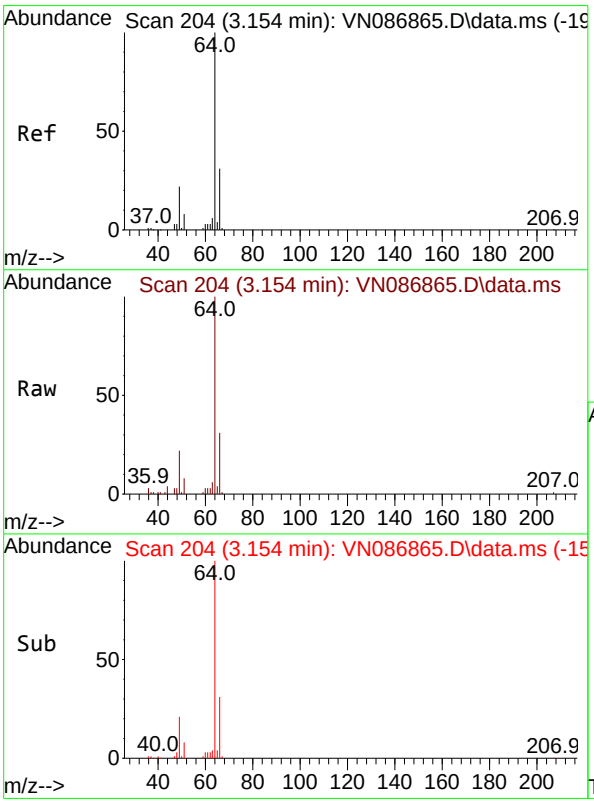
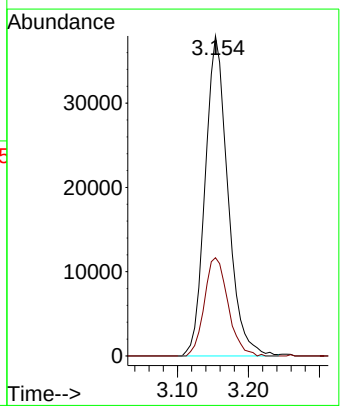
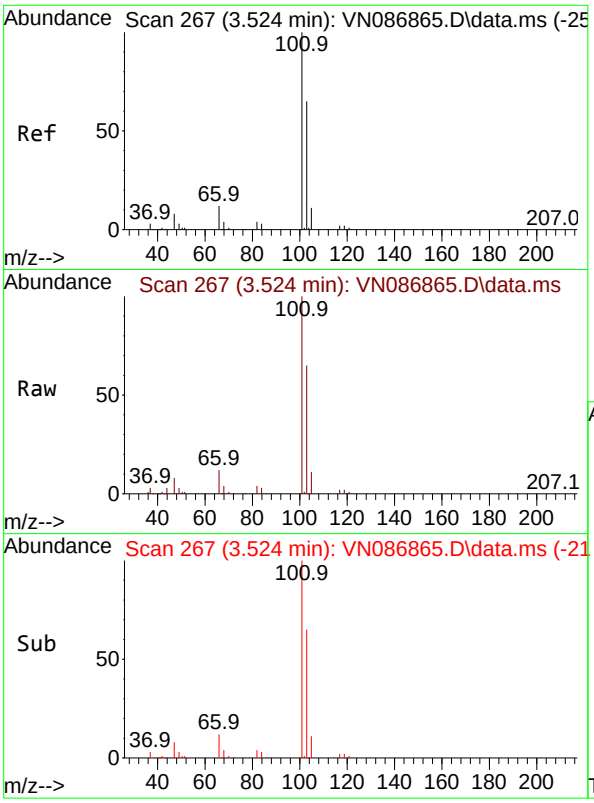


#6
Chloroethane
Concen: 47.504 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 64 Resp: 84505

Ion	Ratio	Lower	Upper
64	100		
66	30.7	24.6	36.8

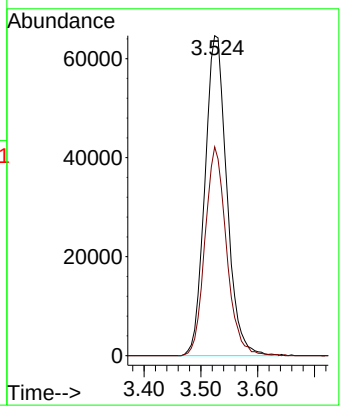




#7
Trichlorofluoromethane
Concen: 48.041 ug/l
RT: 3.524 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:101 Resp: 17286

Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.2



Instrument :
MSVOA_N
ClientSampleId :
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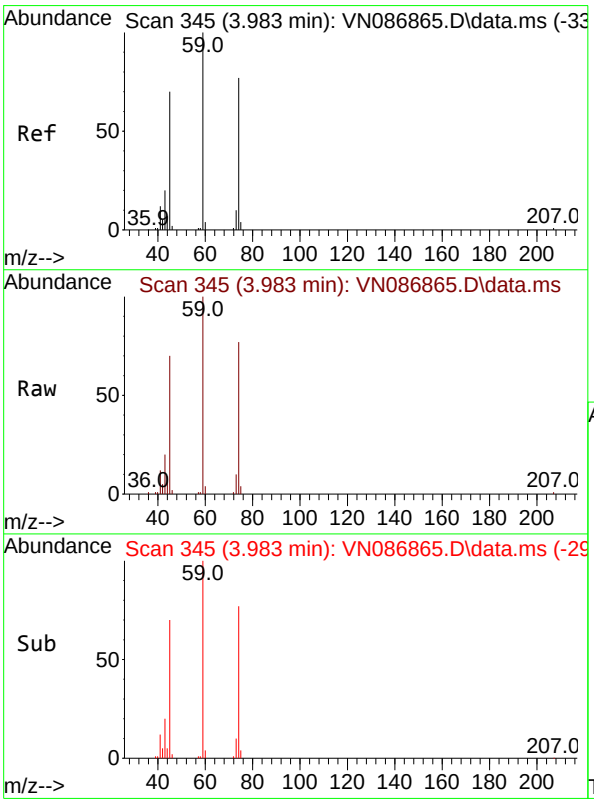
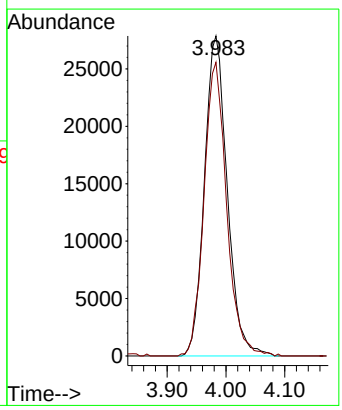
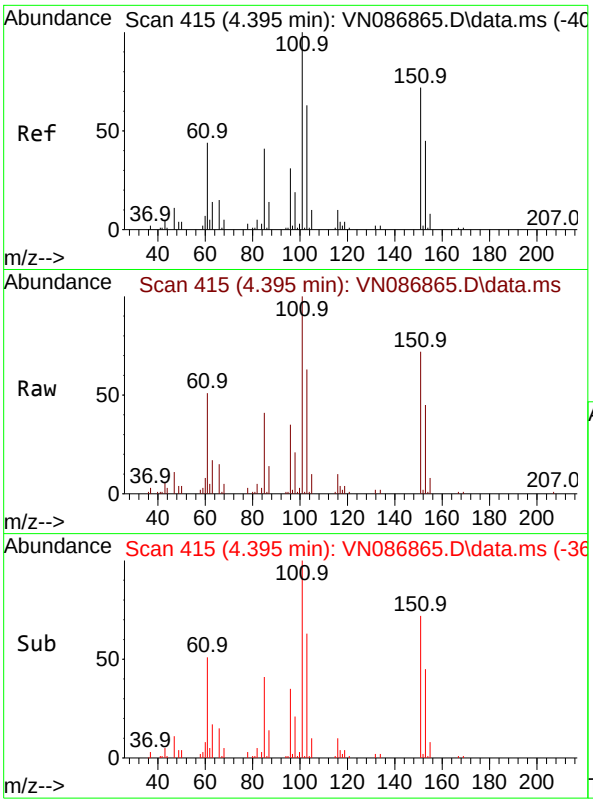


#8
Diethyl Ether
Concen: 47.963 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 74 Resp: 75193

Ion	Ratio	Lower	Upper
74	100		
45	91.0	45.5	136.5

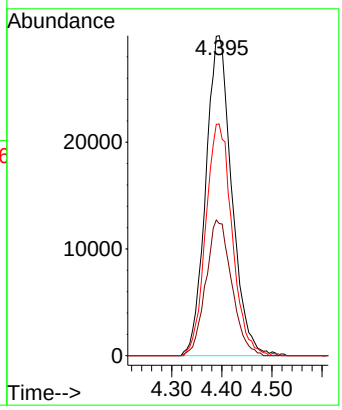




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.640 ug/l
RT: 4.395 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:101 Resp: 10769

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.8	50.8
151	73.4	58.7	88.1



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ClientSampleId :
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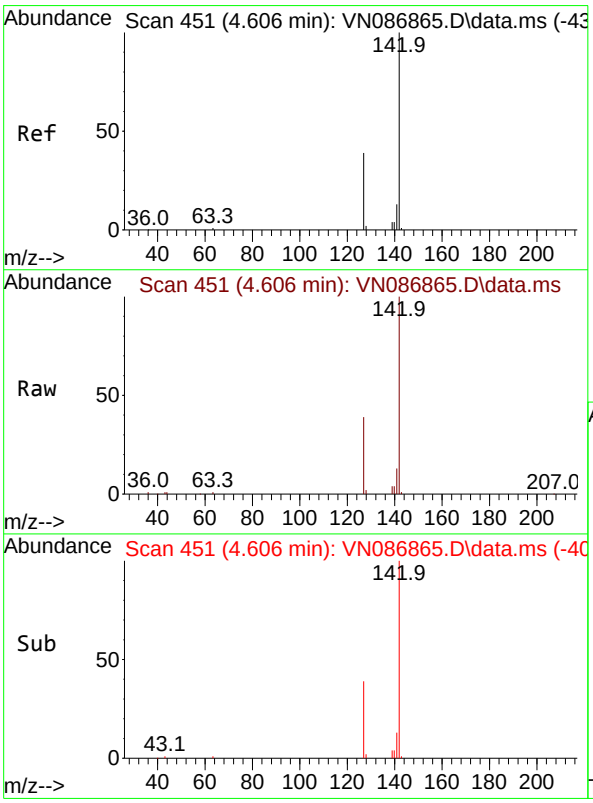
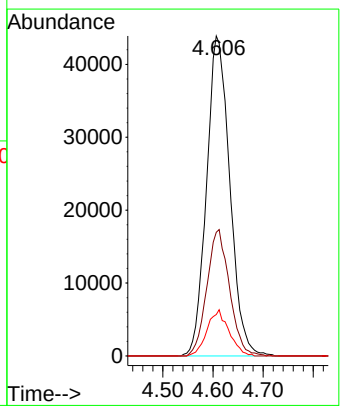
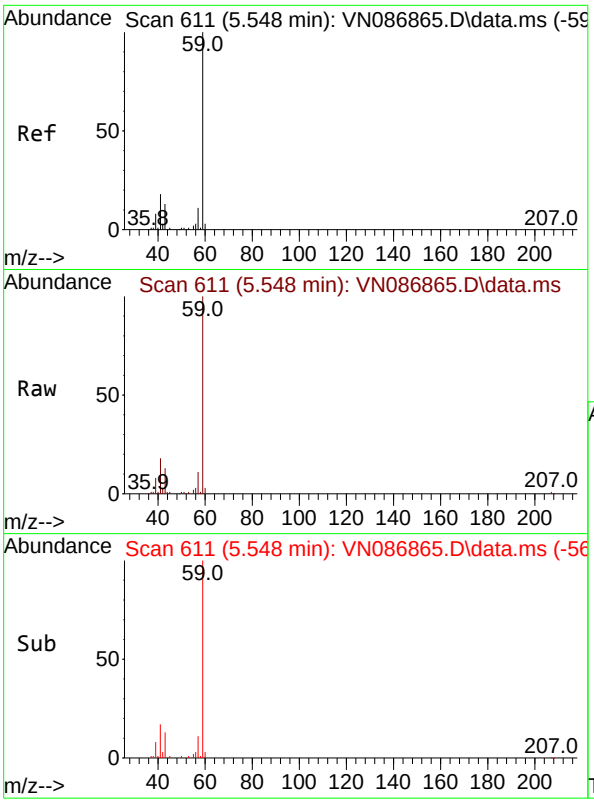


#10
Methyl Iodide
Concen: 48.346 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:142 Resp: 141678

Ion	Ratio	Lower	Upper
142	100		
127	38.6	30.9	46.3
141	13.0	10.4	15.6

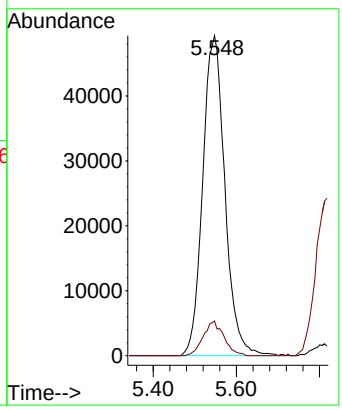




#11
Tert butyl alcohol
Concen: 242.020 ug/l
RT: 5.548 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 59 Resp: 18231

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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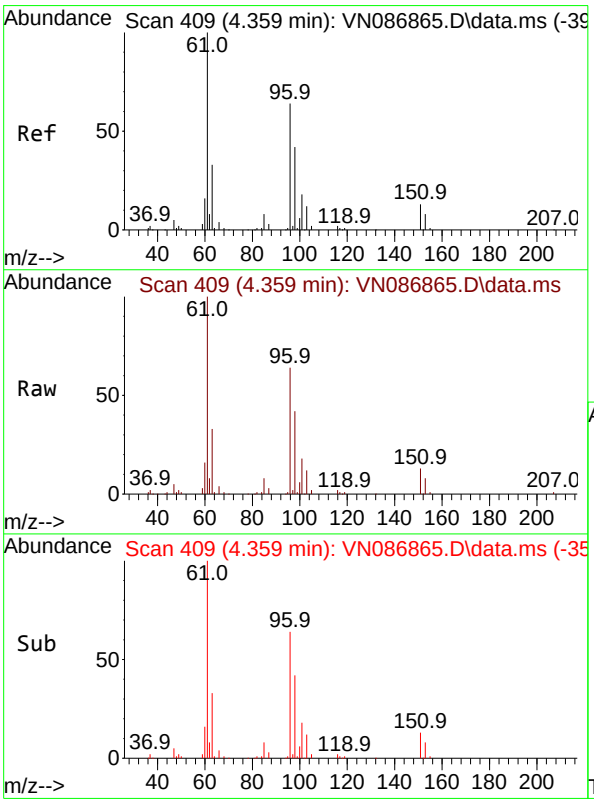
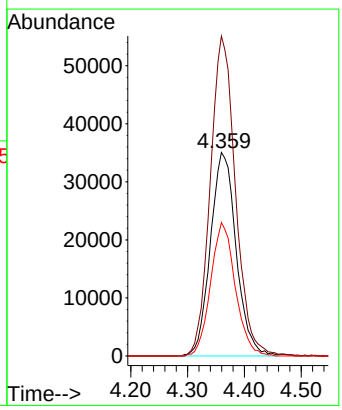
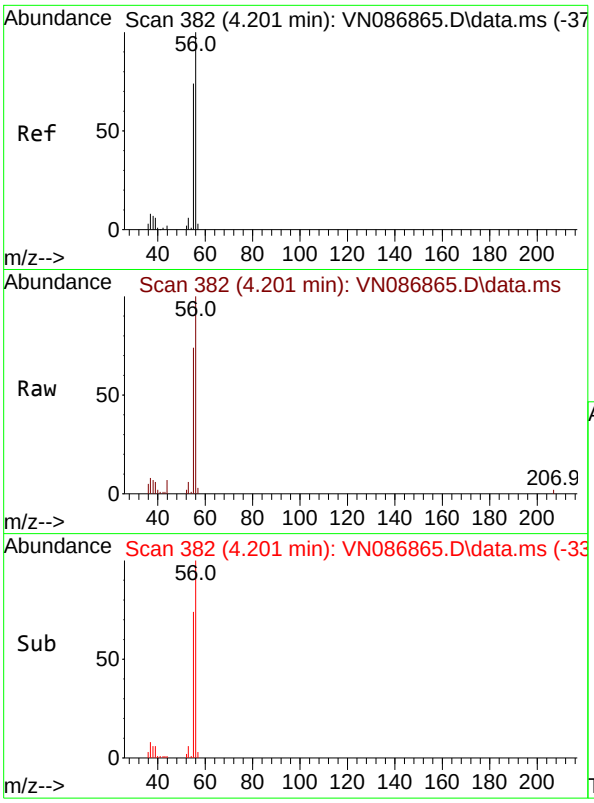


#12
1,1-Dichloroethene
Concen: 47.900 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 96 Resp: 110549

Ion	Ratio	Lower	Upper
96	100		
61	157.2	125.8	188.6
98	65.6	52.5	78.7

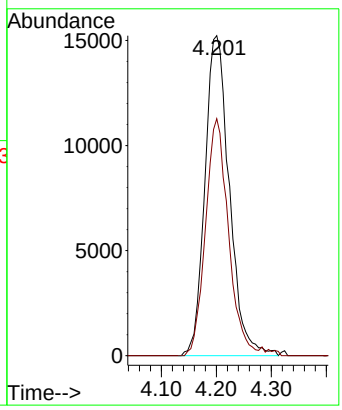




#13
Acrolein
Concen: 197.217 ug/l
RT: 4.201 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 56 Resp: 4702

Ion	Ratio	Lower	Upper
56	100		
55	69.5	55.6	83.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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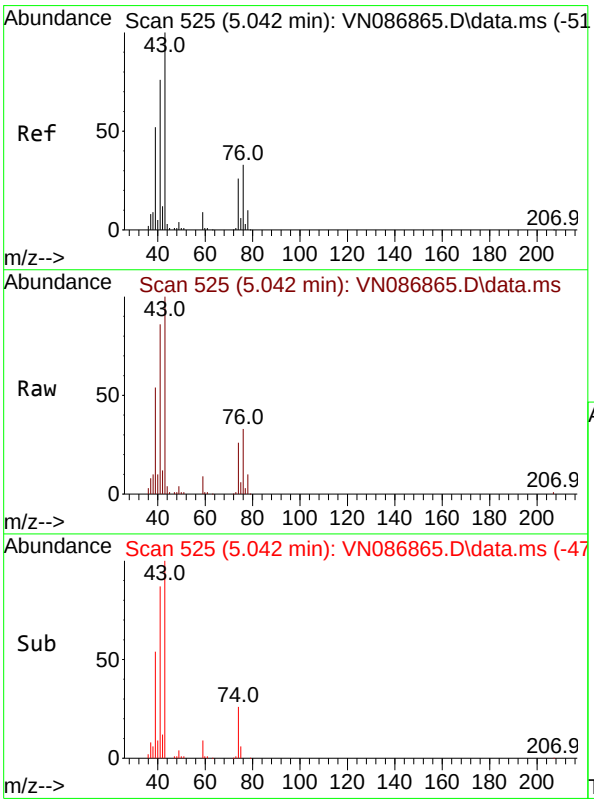
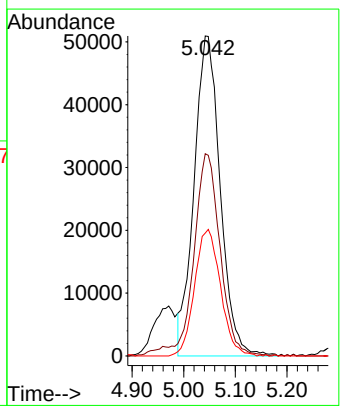
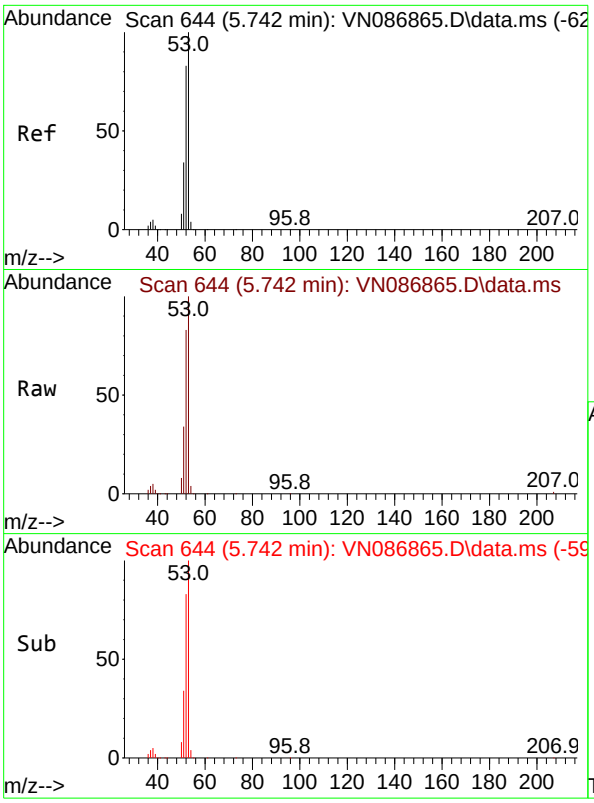


#14
Allyl chloride
Concen: 46.848 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 41 Resp: 179313

Ion	Ratio	Lower	Upper
41	100		
39	64.1	51.3	76.9
76	39.2	31.4	47.0

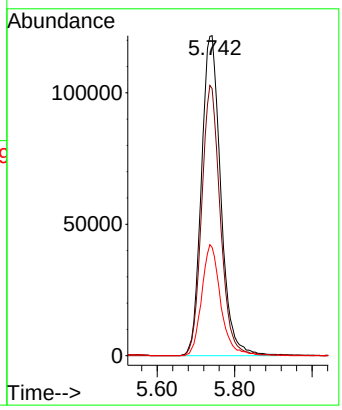




#15
Acrylonitrile
Concen: 239.638 ug/l
RT: 5.742 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 53 Resp: 42194

Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.6
51	34.0	27.2	40.8



Instrument :
MSVOA_N
ClientSampleId :
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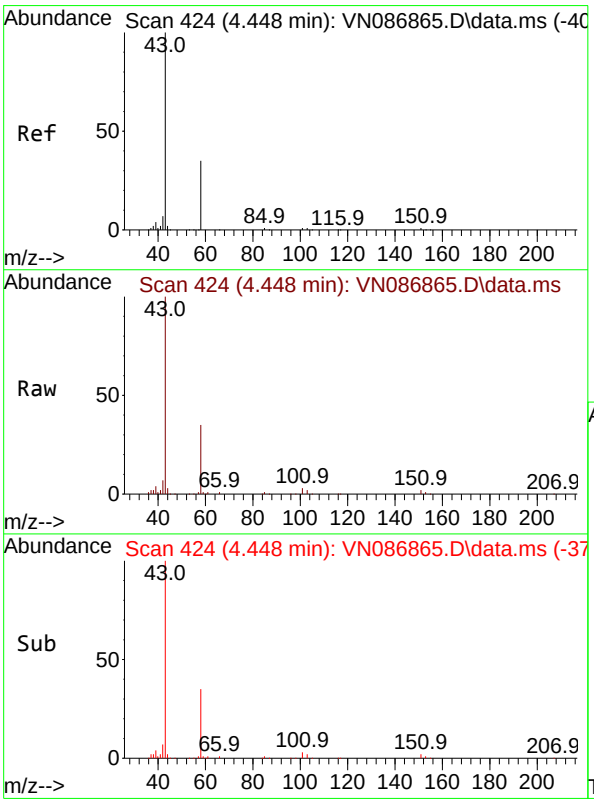
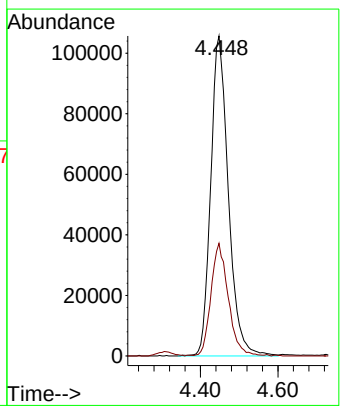
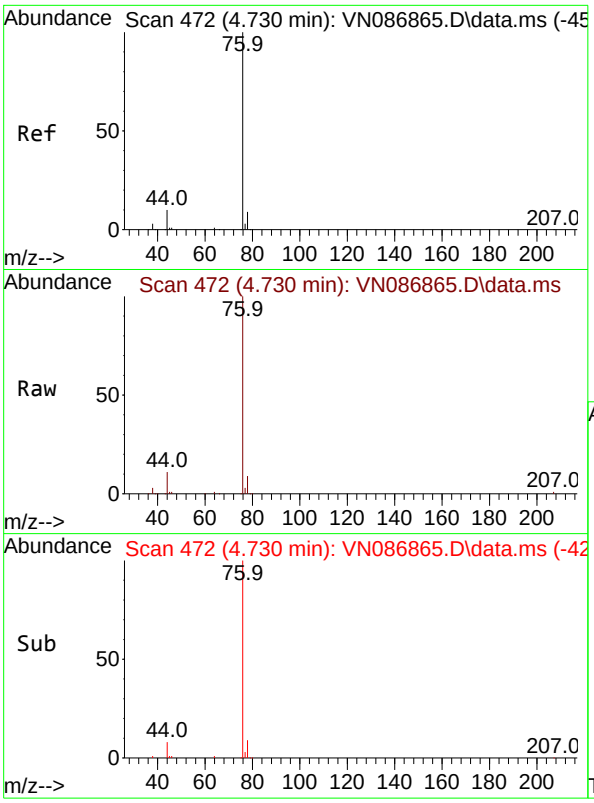


#16
Acetone
Concen: 226.765 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 333857

Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.0	42.0

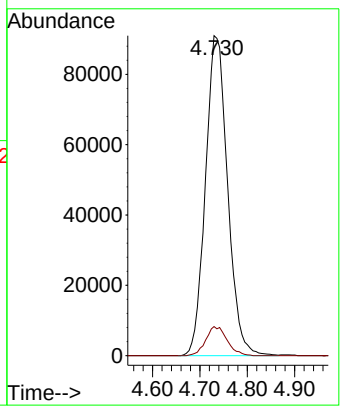




#17
Carbon Disulfide
Concen: 46.328 ug/l
RT: 4.730 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 76 Resp: 29575

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9



Instrument :
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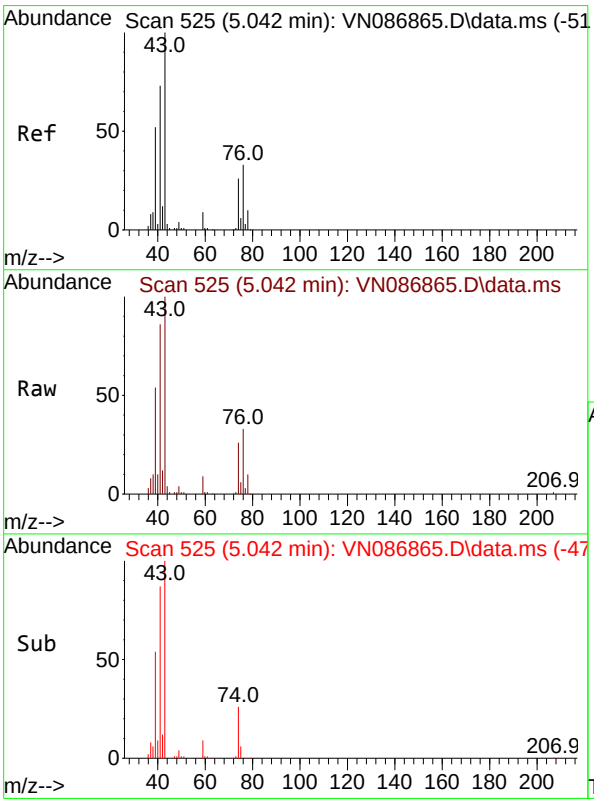
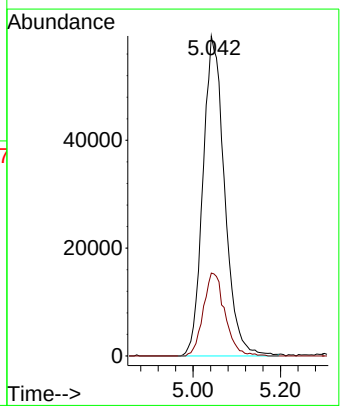
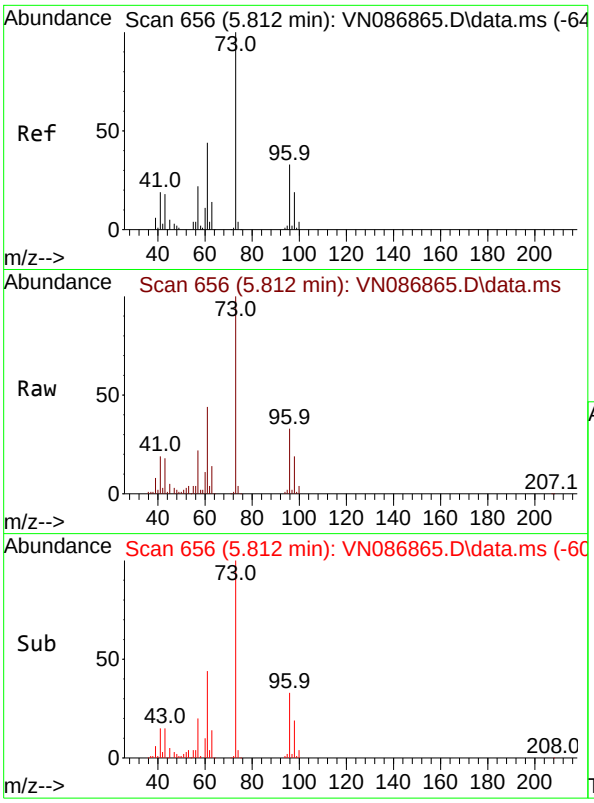


#18
Methyl Acetate
Concen: 47.673 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 204538

Ion	Ratio	Lower	Upper
43	100		
74	25.9	20.7	31.1

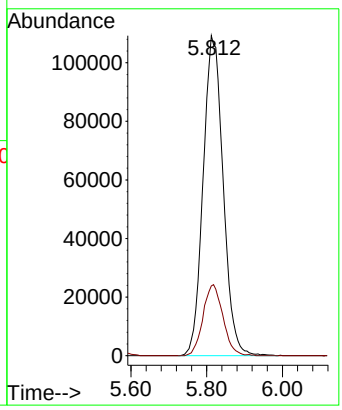




#19
Methyl tert-butyl Ether
Concen: 47.960 ug/l
RT: 5.812 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 73 Resp: 40077

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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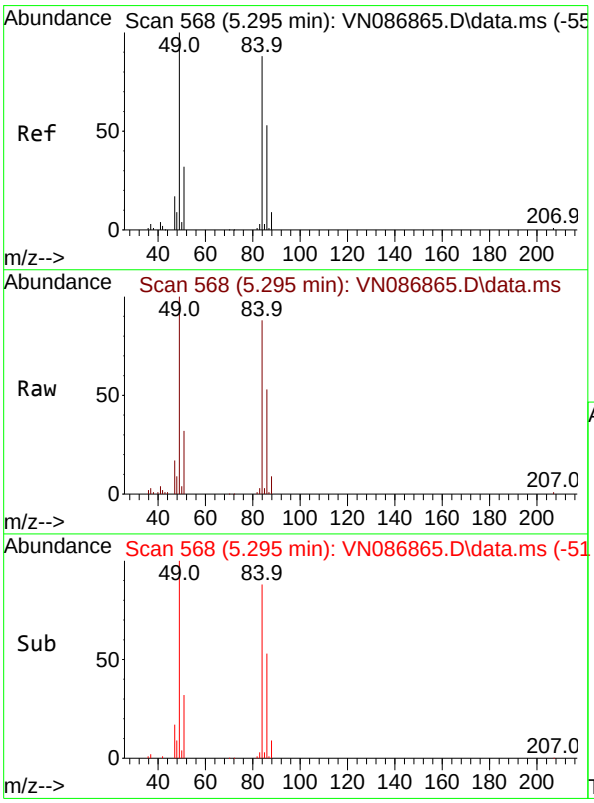
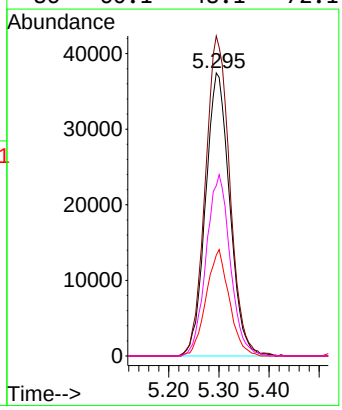
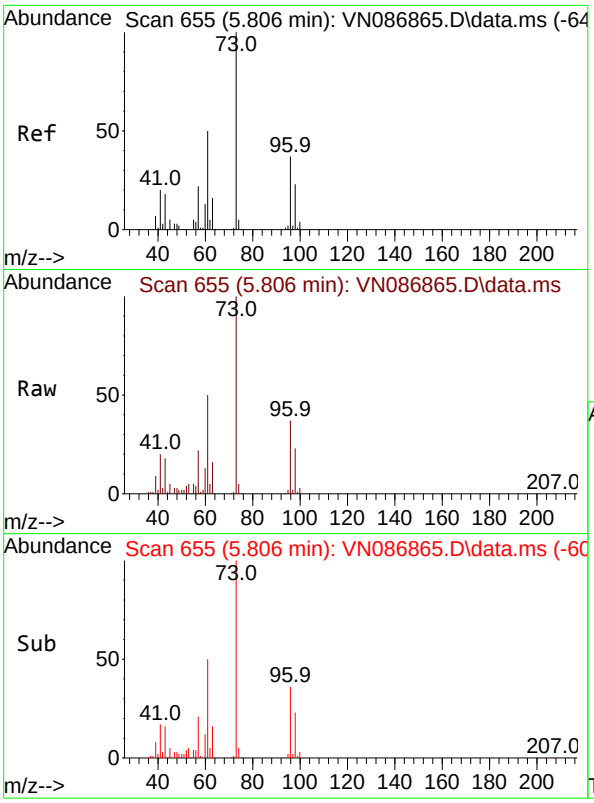


#20
Methylene Chloride
Concen: 45.531 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 84 Resp: 125498

Ion	Ratio	Lower	Upper
84	100		
49	113.1	90.5	135.7
51	35.6	28.5	42.7
86	60.1	48.1	72.1

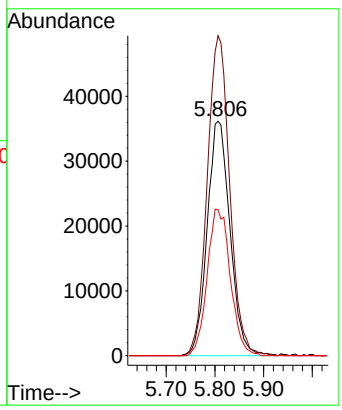




#21
trans-1,2-Dichloroethene
Concen: 45.822 ug/l
RT: 5.806 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 96 Resp: 11766

Ion	Ratio	Lower	Upper
96	100		
61	136.5	109.2	163.8
98	62.3	49.8	74.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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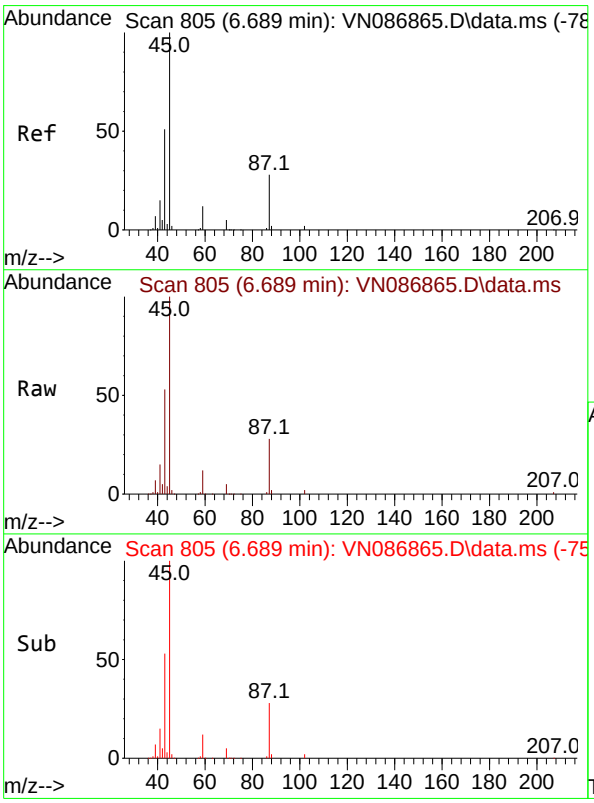
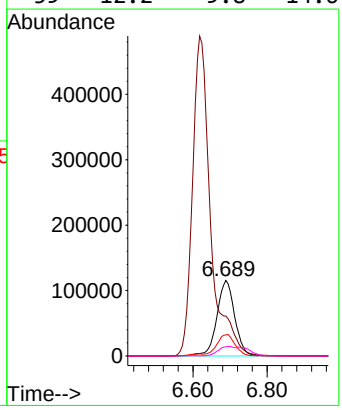
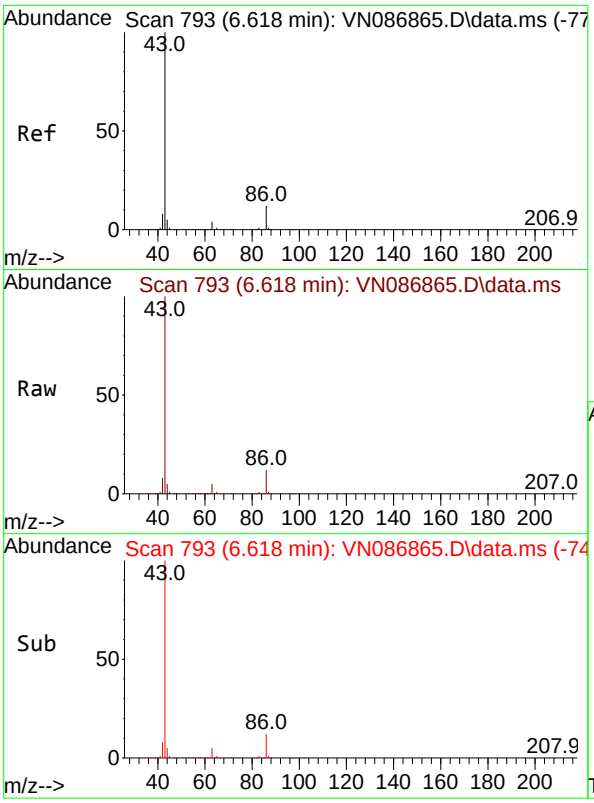


#22
Diisopropyl ether
Concen: 47.711 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 45 Resp: 384939

Ion	Ratio	Lower	Upper
45	100		
43	52.4	41.9	62.9
87	28.0	22.4	33.6
59	12.2	9.8	14.6





#23
Vinyl Acetate
Concen: 241.910 ug/l
RT: 6.618 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 164902

Ion	Ratio	Lower	Upper
43	100		
86	11.9	9.5	14.3

Instrument :
MSVOA_N
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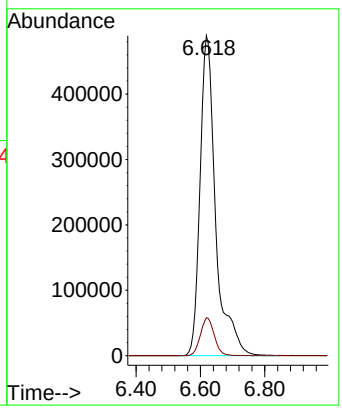
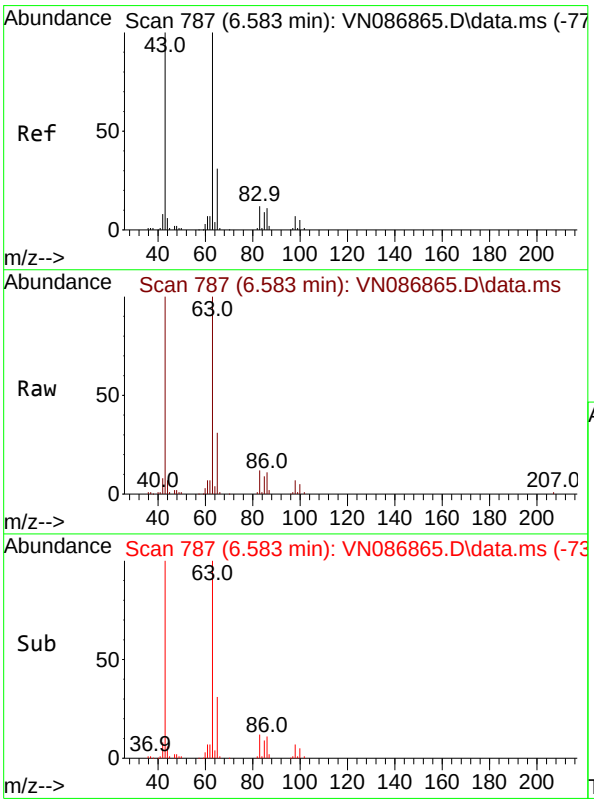
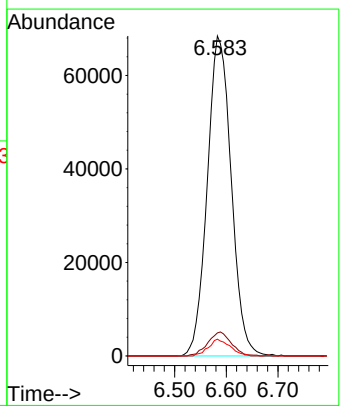


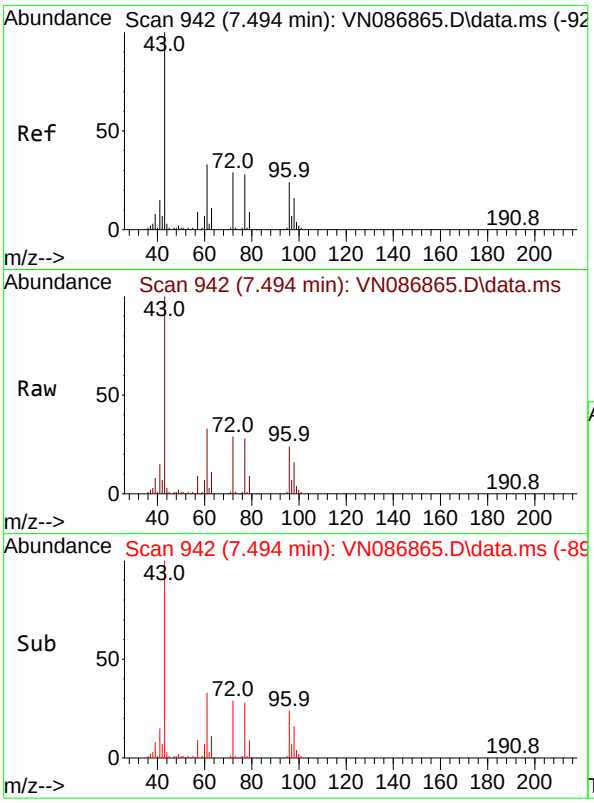


#24
1,1-Dichloroethane
Concen: 47.485 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 63 Resp: 220477

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	5.2	2.6	7.8





#25
2-Butanone
Concen: 238.693 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 57122

Ion	Ratio	Lower	Upper
43	100		
72	28.8	23.0	34.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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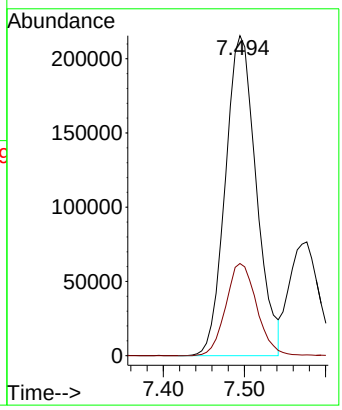
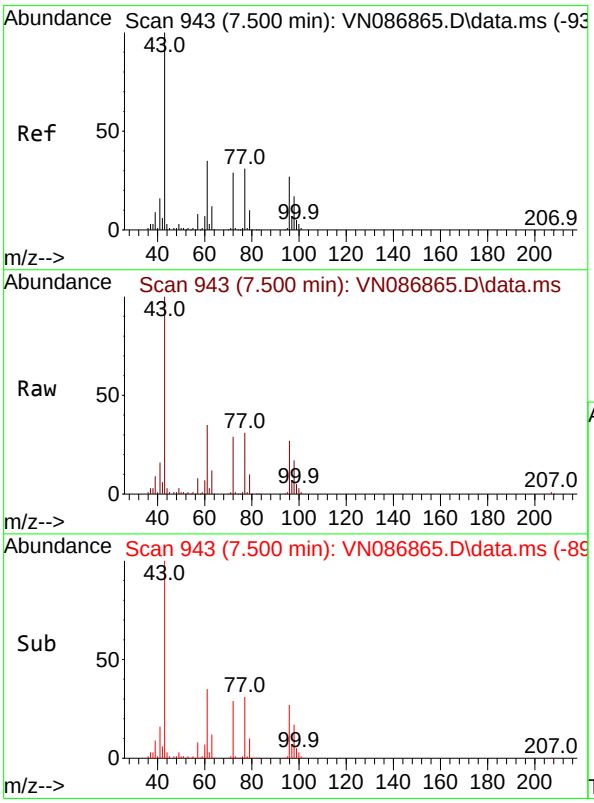
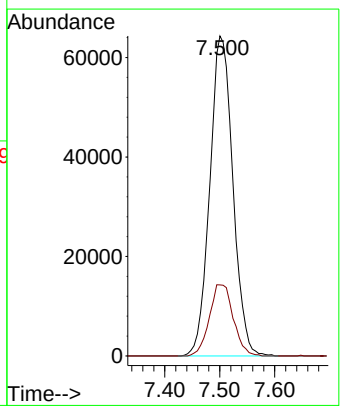


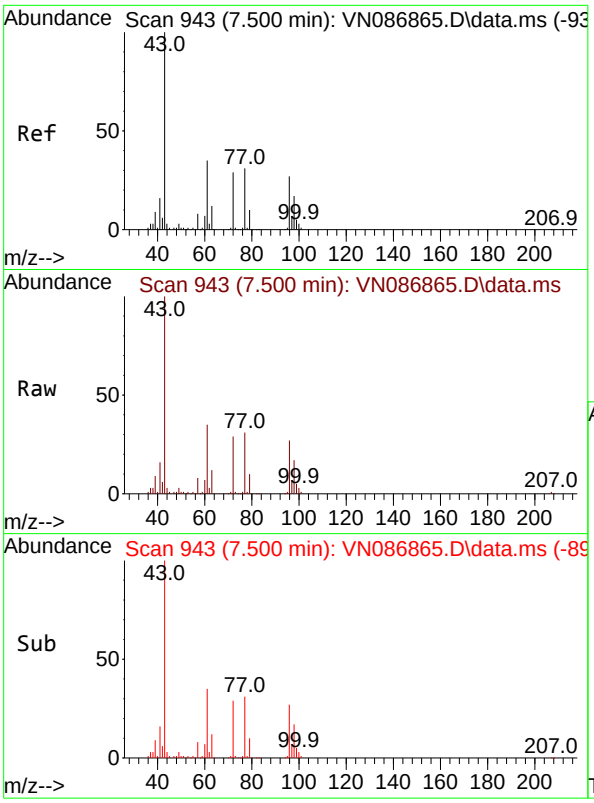


#26
2,2-Dichloropropane
Concen: 51.933 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 77 Resp: 187567

Ion	Ratio	Lower	Upper
77	100		
97	23.1	11.6	34.7

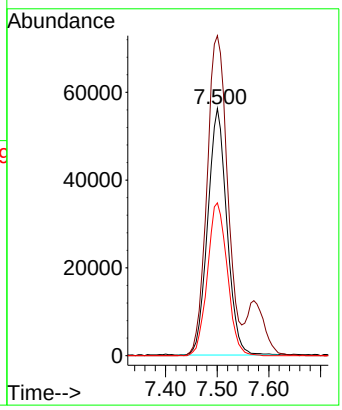




#27
cis-1,2-Dichloroethene
Concen: 47.189 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 96 Resp: 14491

Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	278.0
98	64.1	0.0	128.2



Instrument :
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ClientSampleId :
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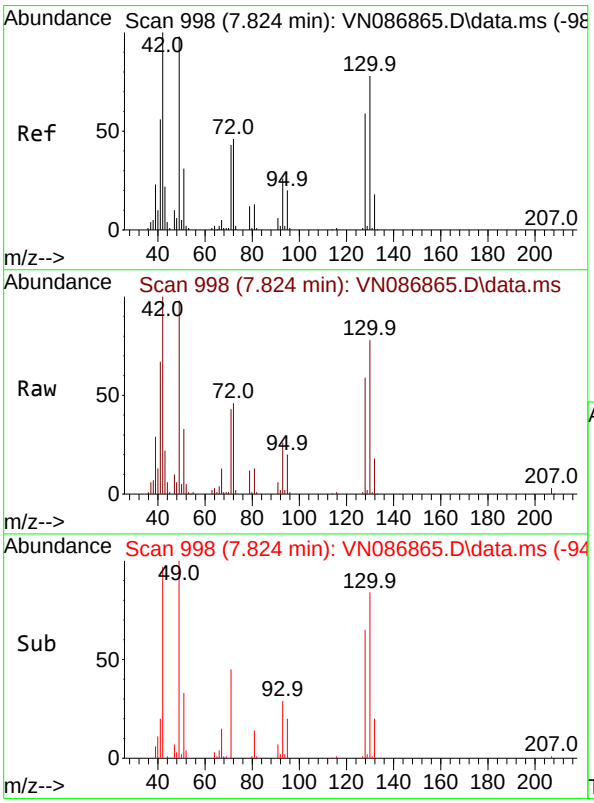
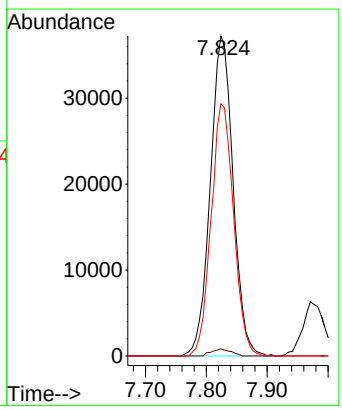
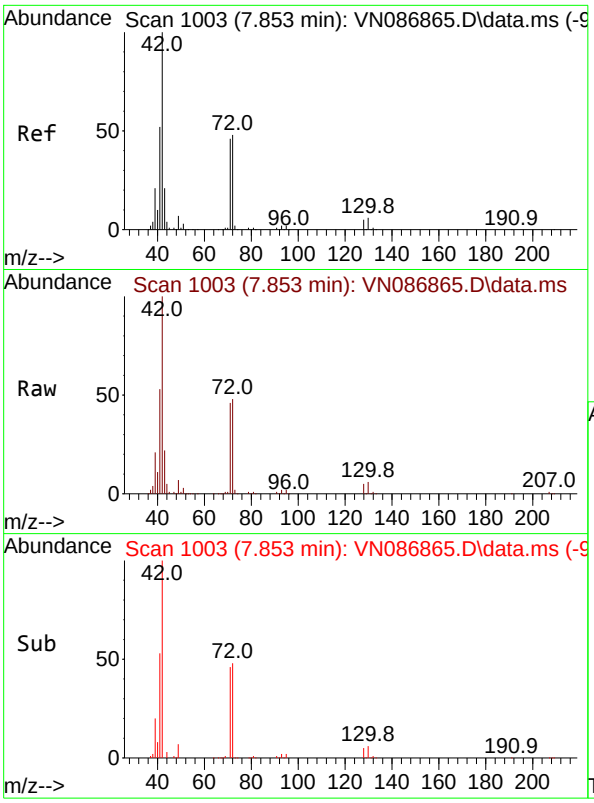


#28
Bromochloromethane
Concen: 42.362 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 49 Resp: 96707

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	77.7	62.2	93.2

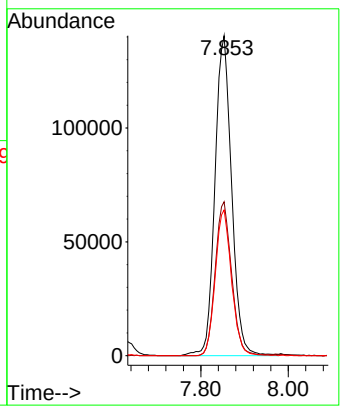




#29
Tetrahydrofuran
Concen: 238.210 ug/l
RT: 7.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 42 Resp: 37135

Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.8	56.6
71	44.5	35.6	53.4



Instrument :
MSVOA_N
ClientSampleId :
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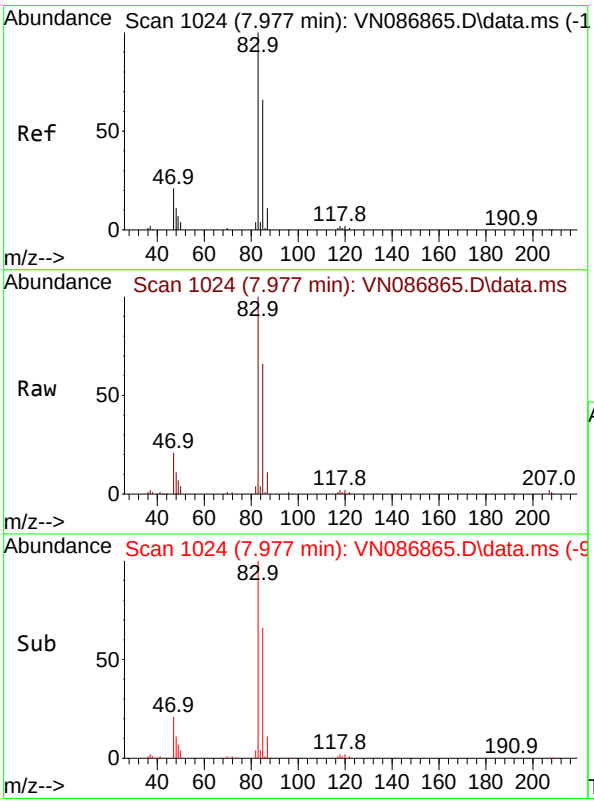
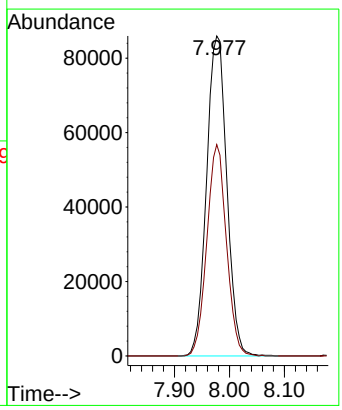
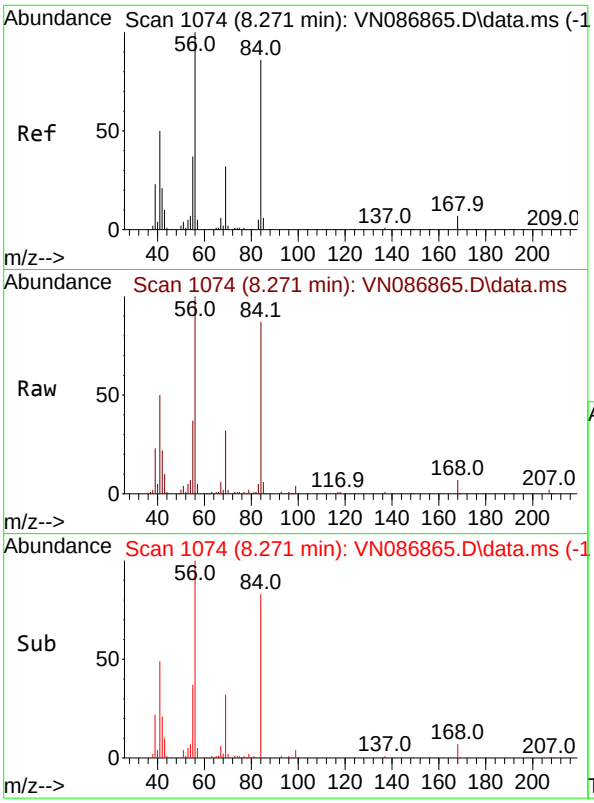


#30
Chloroform
Concen: 47.467 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 83 Resp: 220093

Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.9	79.3

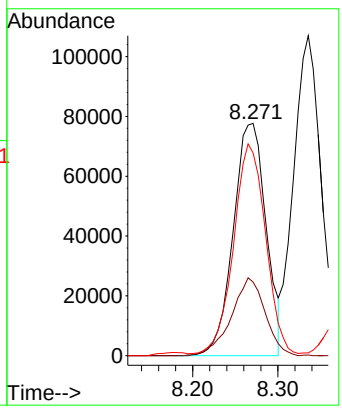




#31
Cyclohexane
Concen: 46.217 ug/l
RT: 8.271 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 56 Resp: 20810

Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.4	38.0
84	86.0	68.8	103.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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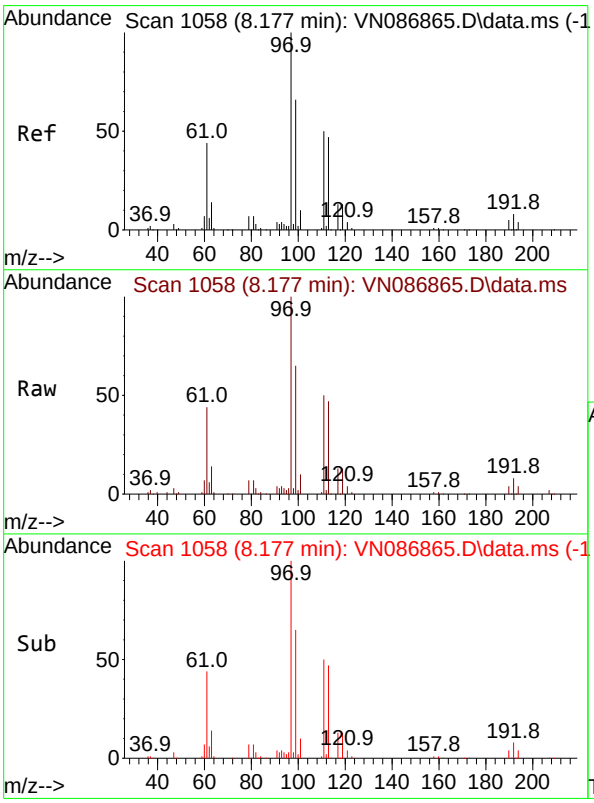
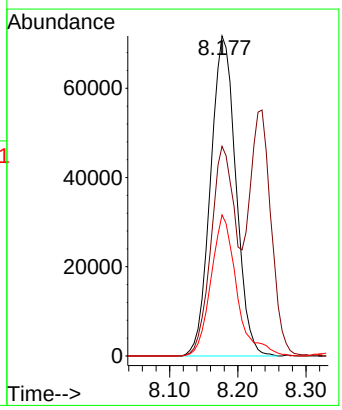
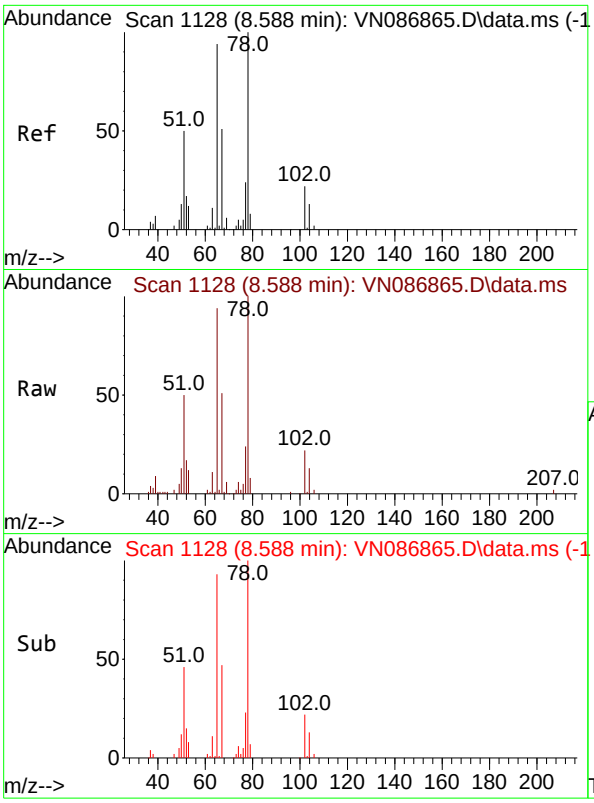


#32
1,1,1-Trichloroethane
Concen: 47.037 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 97 Resp: 185502

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	44.9	35.9	53.9

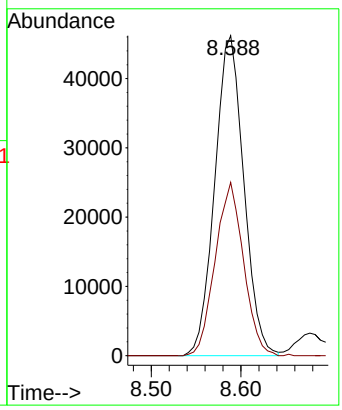




#33
1,2-Dichloroethane-d4
Concen: 37.366 ug/l
RT: 8.588 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 65 Resp: 10373

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.6



Instrument :
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ClientSampleId :
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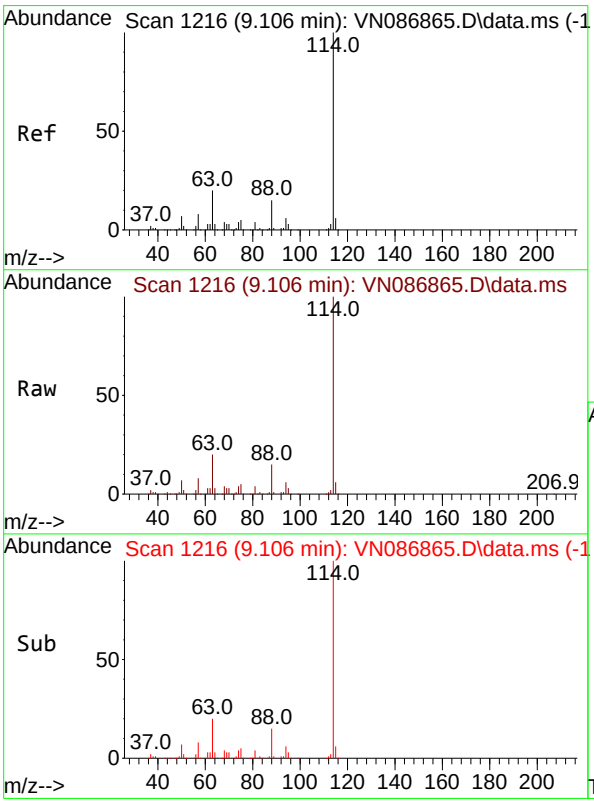
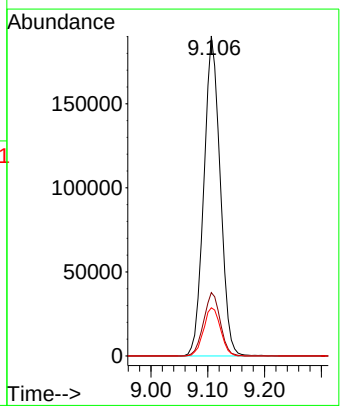
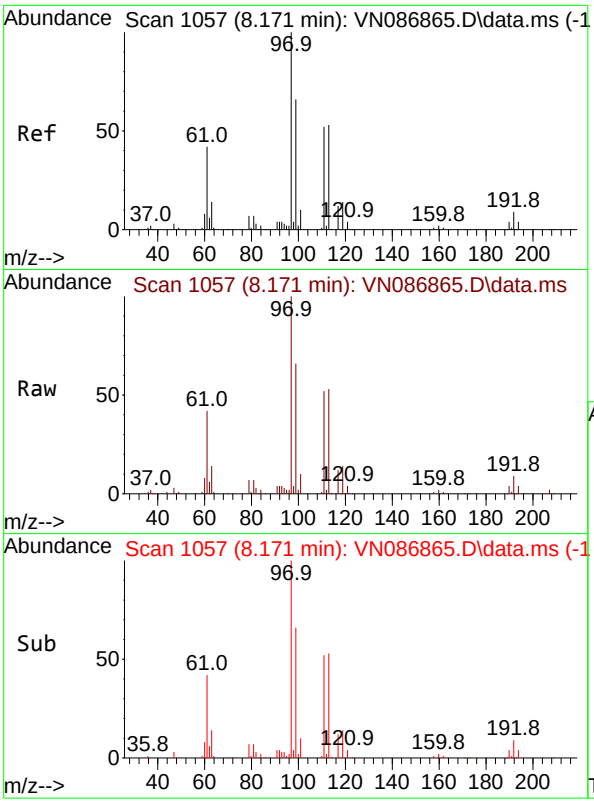


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:114 Resp: 378587

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	15.1	0.0	30.2

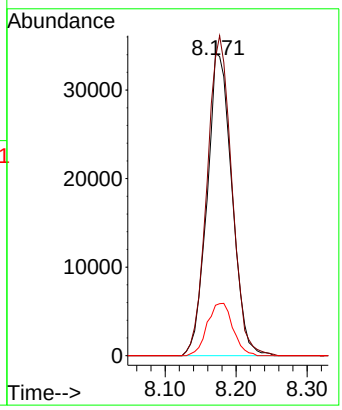




#35
Dibromofluoromethane
Concen: 37.020 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:113 Resp: 8305

Ion	Ratio	Lower	Upper
113	100		
111	105.2	84.2	126.2
192	17.8	14.2	21.4



Instrument :
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ClientSampleId :
VSTDICCC050

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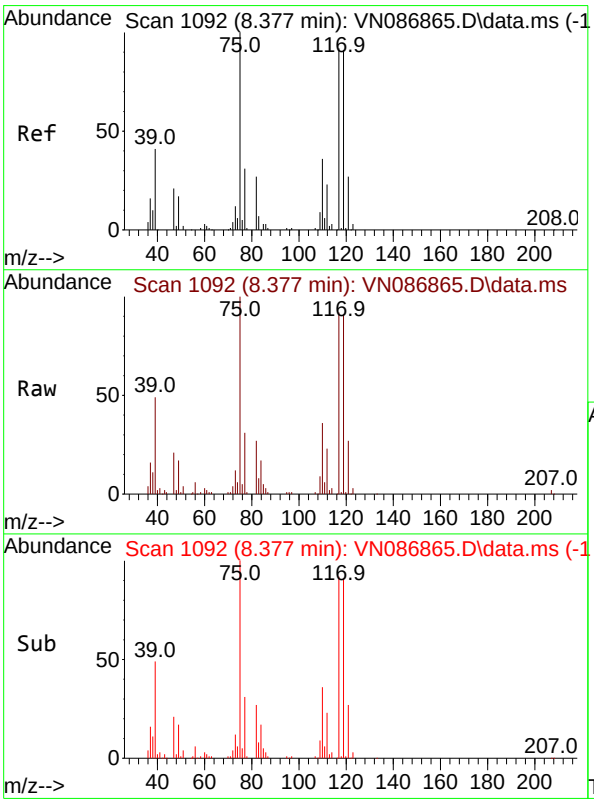
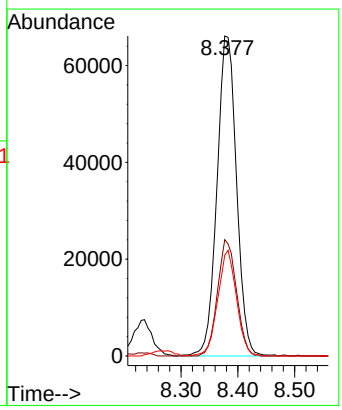
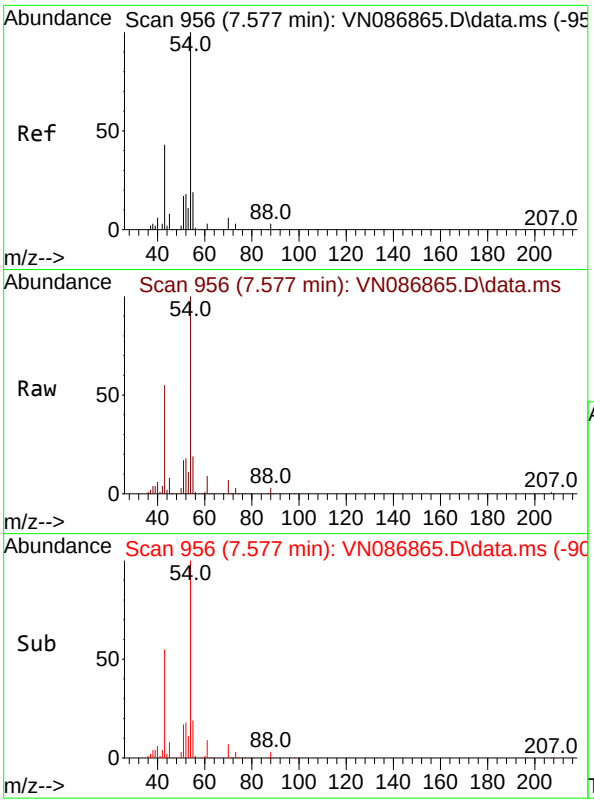


#36
1,1-Dichloropropene
Concen: 47.362 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 158341

Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.6	52.9
77	31.6	25.3	37.9





#37
Ethyl Acetate
Concen: 47.720 ug/l
RT: 7.577 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 20309

Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	12.2	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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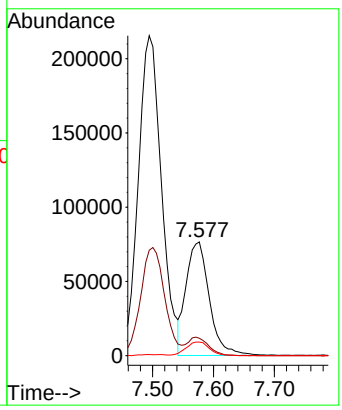
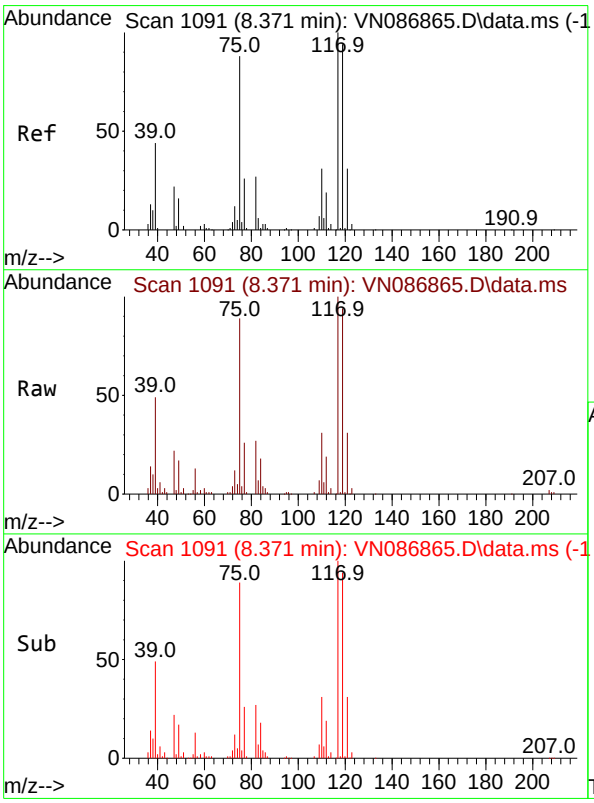
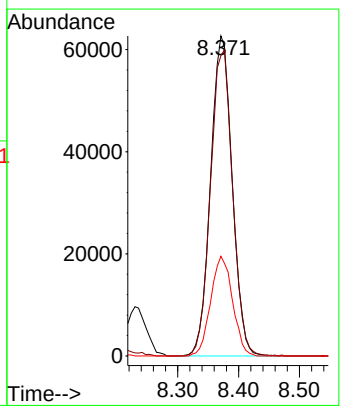


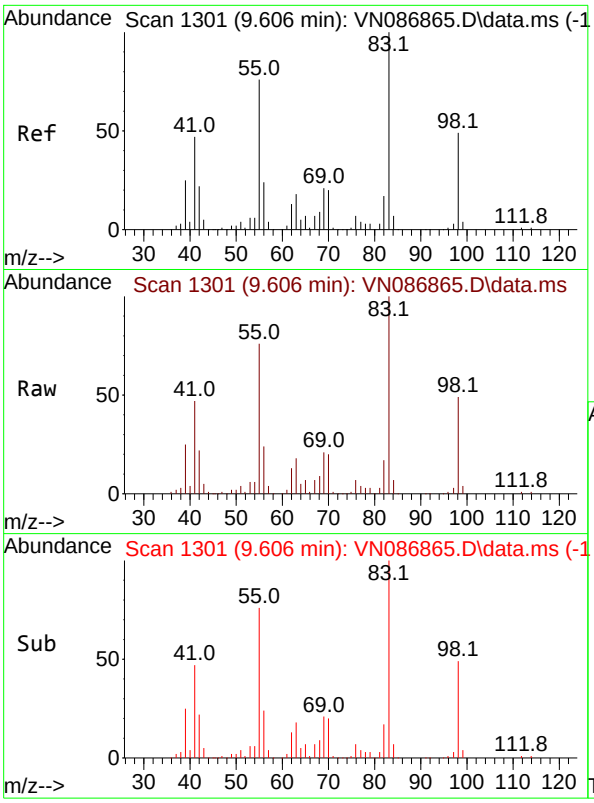


#38
Carbon Tetrachloride
Concen: 47.126 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:117 Resp: 154677

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	31.1	24.9	37.3

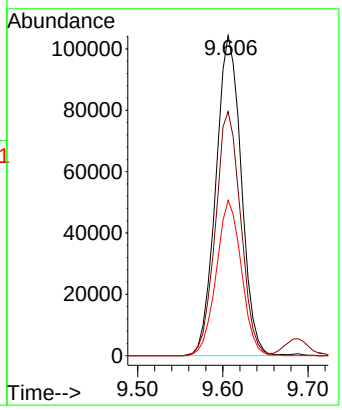




#39
Methylcyclohexane
Concen: 47.126 ug/l
RT: 9.606 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 83 Resp: 21584

Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.0	91.6
98	48.6	38.9	58.3



Instrument :
MSVOA_N
ClientSampleId :
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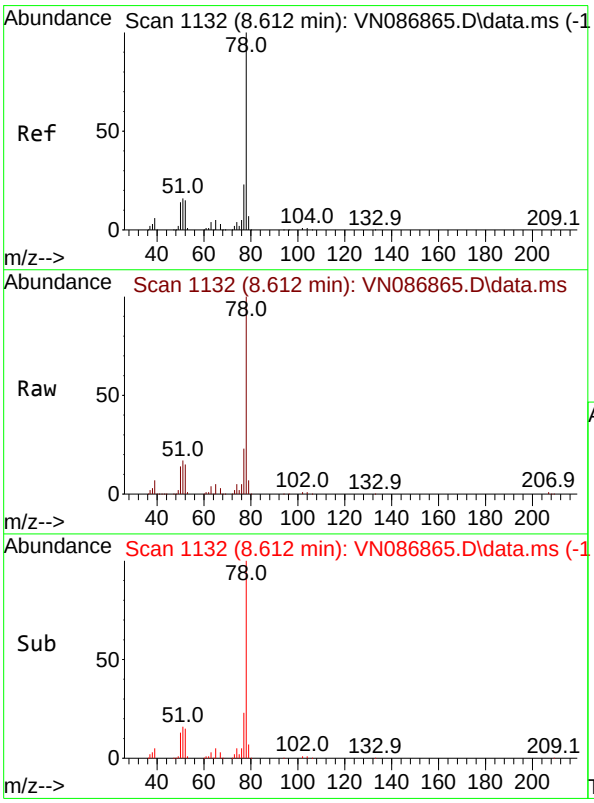
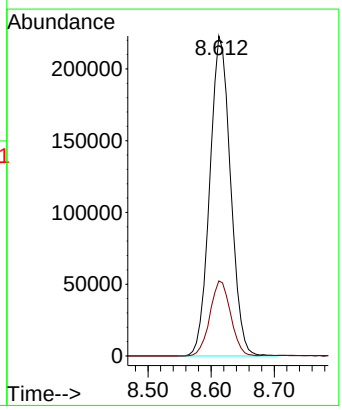
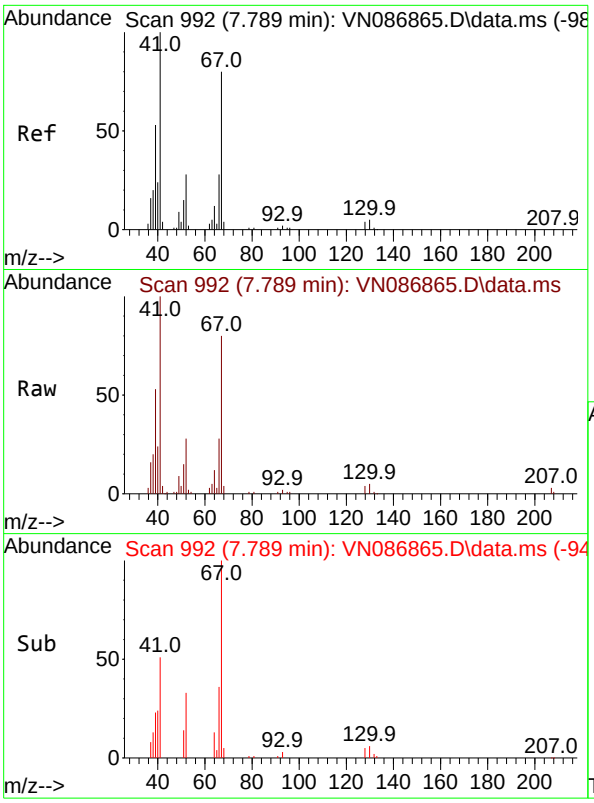


#40
Benzene
Concen: 46.590 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 78 Resp: 509334

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1

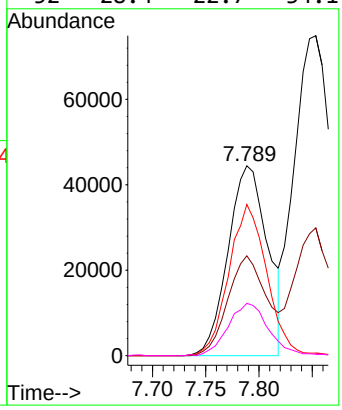




#41
Methacrylonitrile
Concen: 48.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 41 Resp: 11472

Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.2	61.8
67	76.8	61.4	92.2
52	28.4	22.7	34.1



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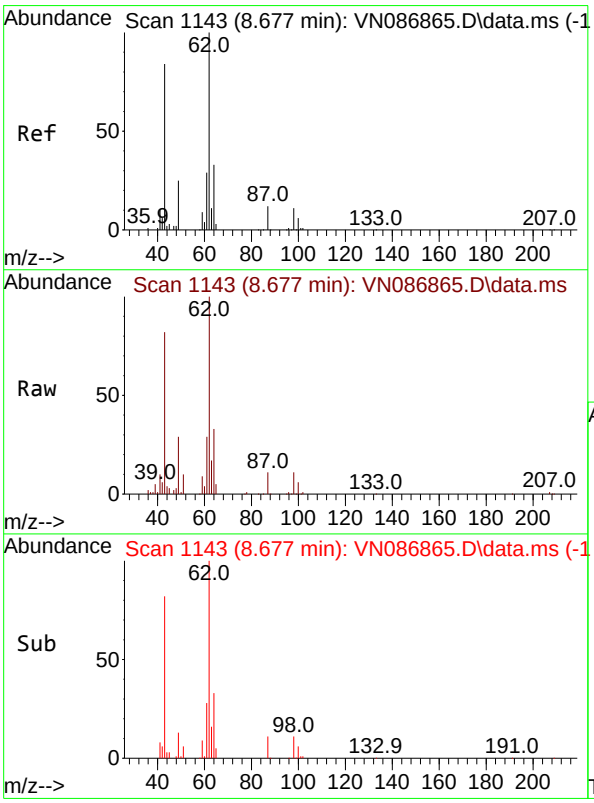
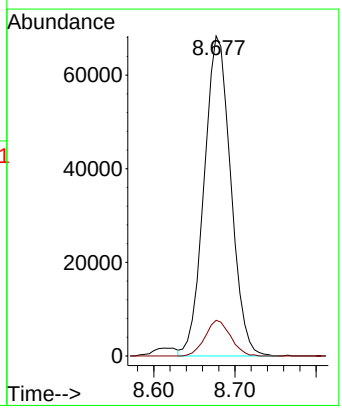
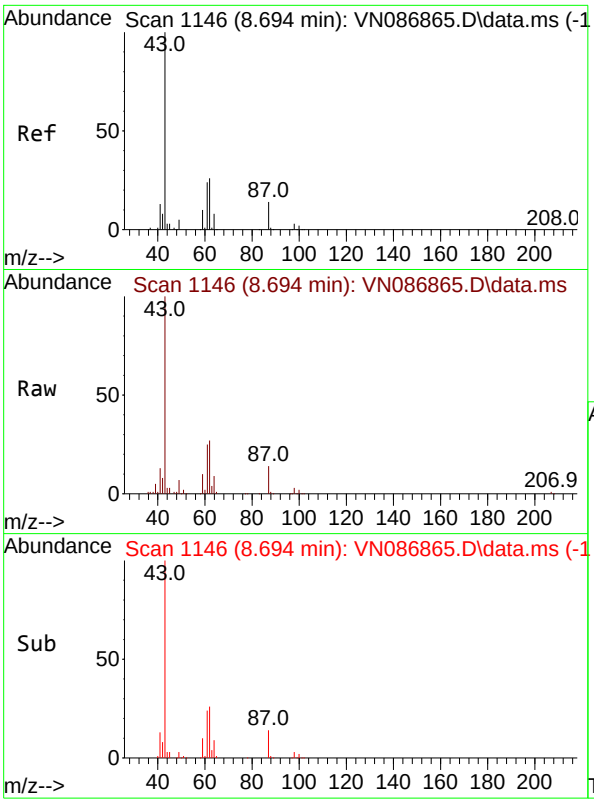


#42
1,2-Dichloroethane
Concen: 46.960 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 62 Resp: 155713

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2





#43
Isopropyl Acetate
Concen: 47.248 ug/l
RT: 8.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 32274

Ion	Ratio	Lower	Upper
43	100		
61	27.6	22.1	33.1
87	14.7	11.8	17.6

Instrument :
MSVOA_N
ClientSampleId :
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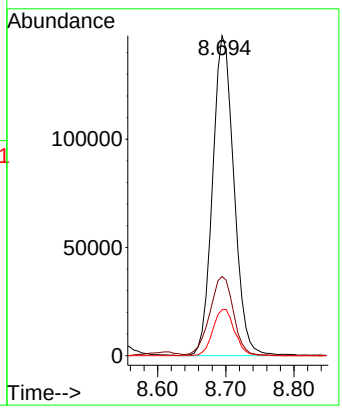
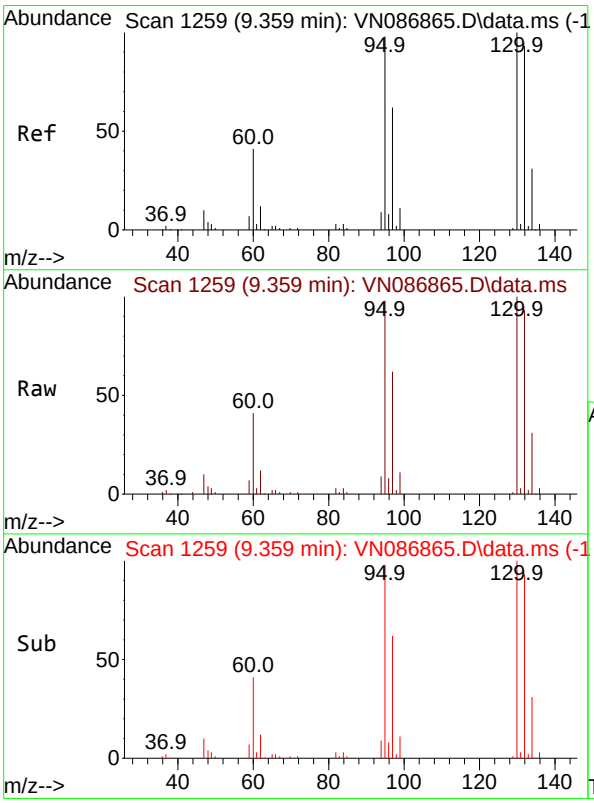
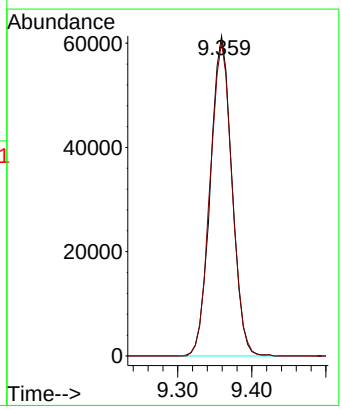


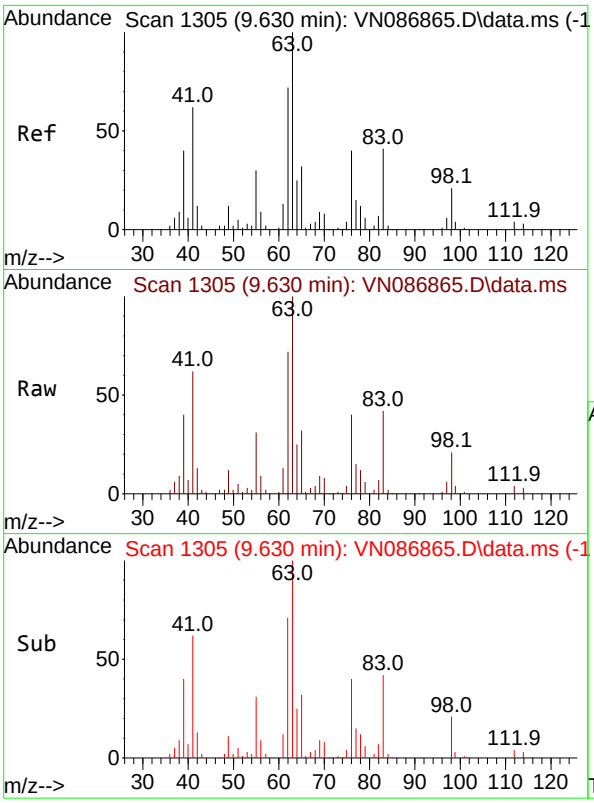


#44
Trichloroethene
Concen: 47.776 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:130 Resp: 123847

Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	196.2

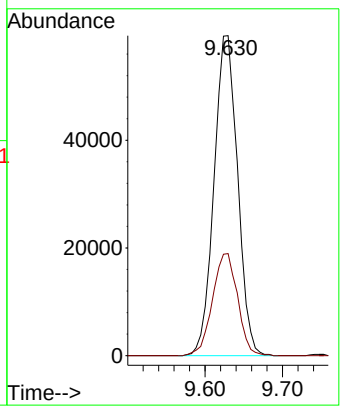




#45
1,2-Dichloropropane
Concen: 47.251 ug/l
RT: 9.630 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 63 Resp: 12567

Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3



Instrument :
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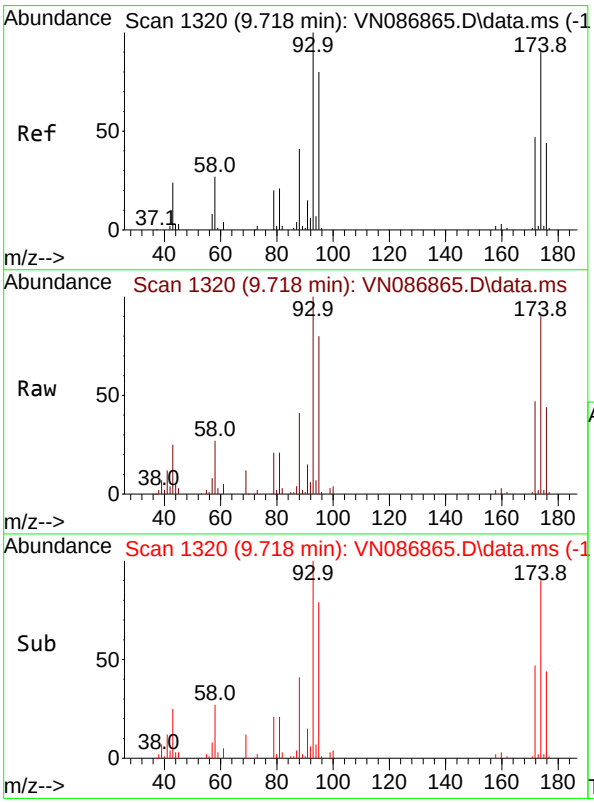
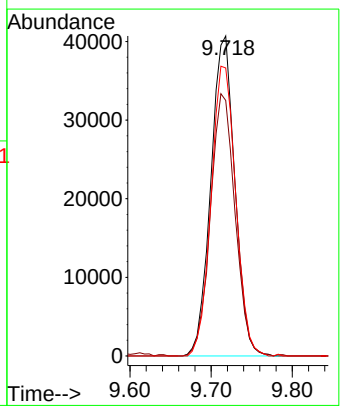
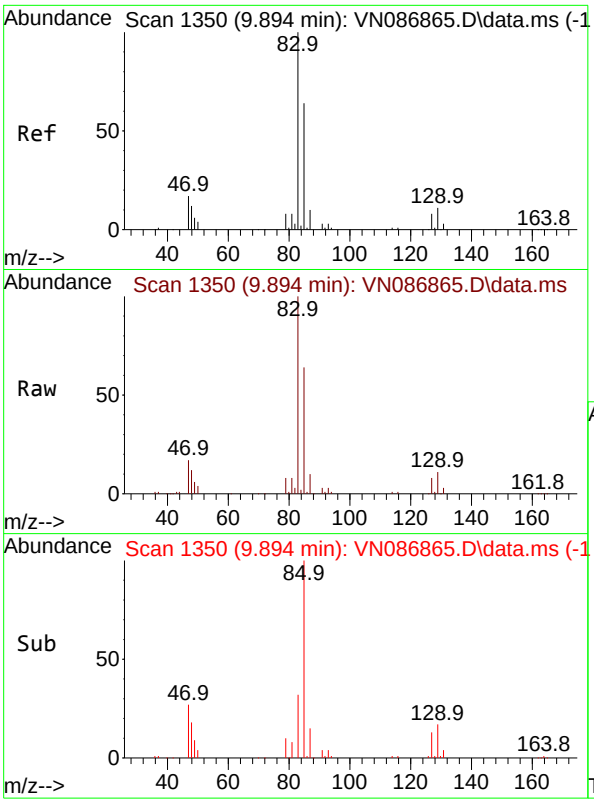


#46
Dibromomethane
Concen: 47.442 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 93 Resp: 83811

Ion	Ratio	Lower	Upper
93	100		
95	83.9	67.1	100.7
174	92.8	74.2	111.4

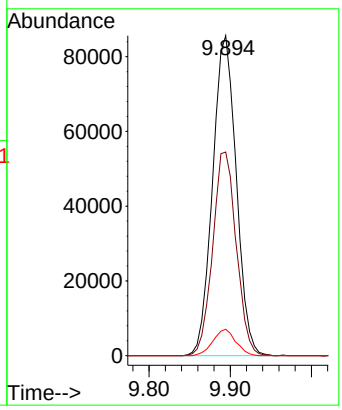




#47
Bromodichloromethane
Concen: 47.651 ug/l
RT: 9.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 83 Resp: 17320

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.9	76.3
127	8.3	6.6	10.0



Instrument :
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ClientSampleId :
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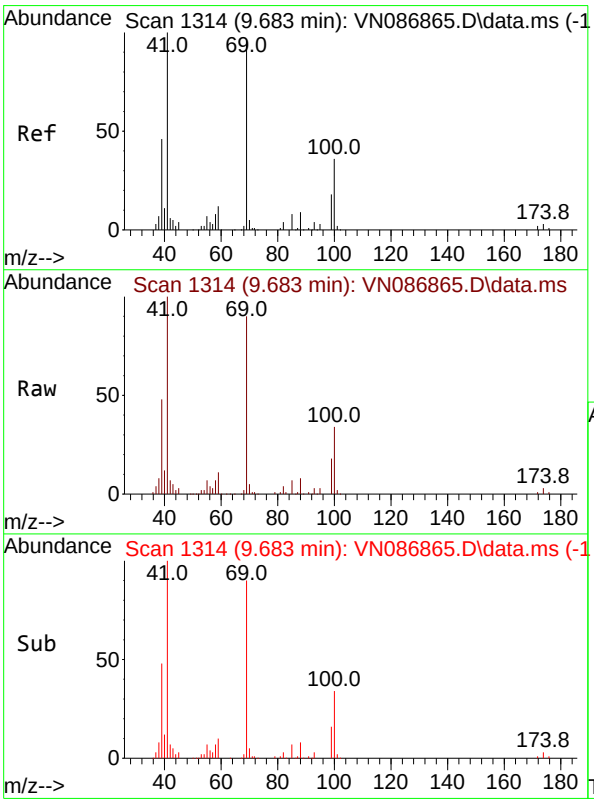
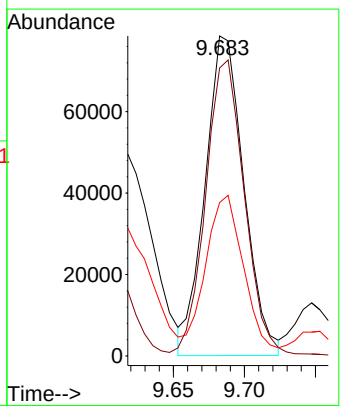
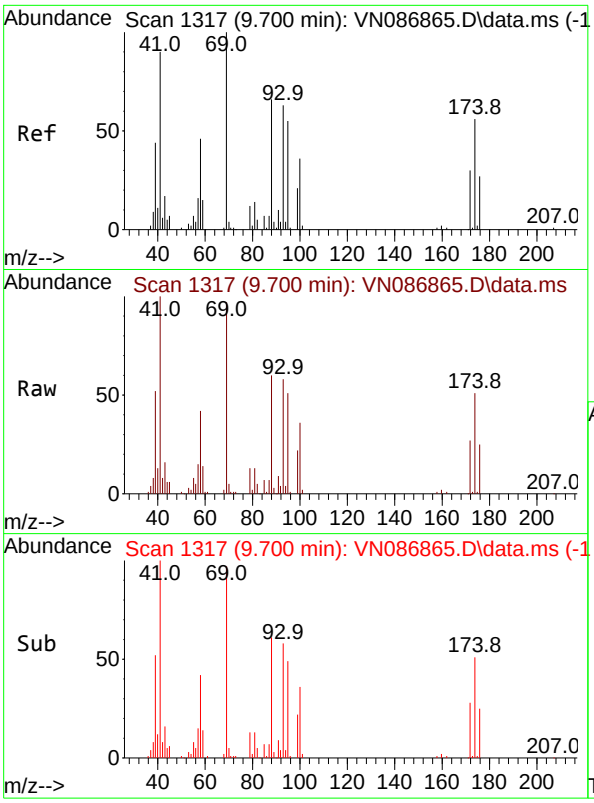


#48
Methyl methacrylate
Concen: 47.399 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 41 Resp: 149019

Ion	Ratio	Lower	Upper
41	100		
69	93.3	74.6	112.0
39	50.3	40.2	60.4

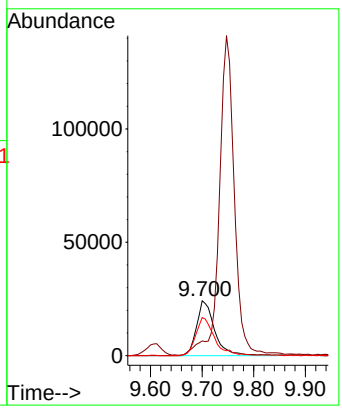




#49
1,4-Dioxane
Concen: 1032.607 ug/l
RT: 9.700 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 88 Resp: 5906

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.1	57.7	86.5



Instrument :
MSVOA_N
ClientSampleId :
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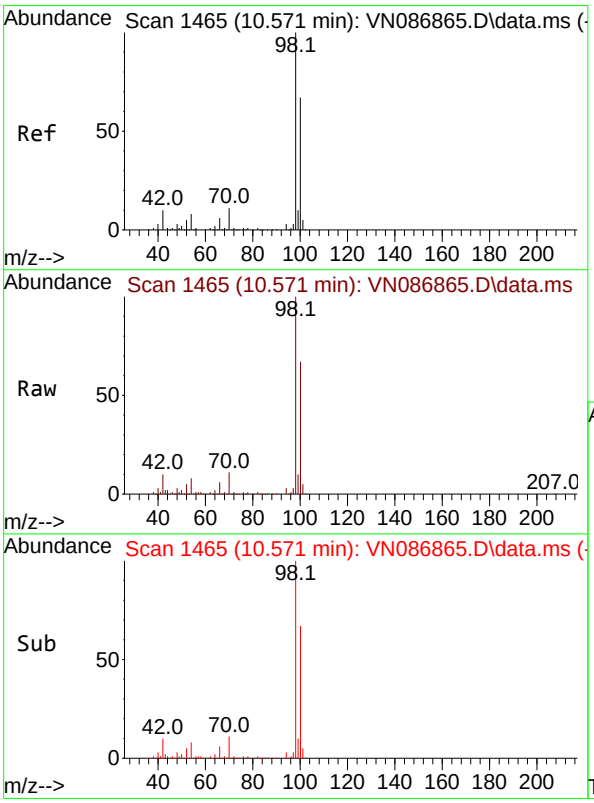
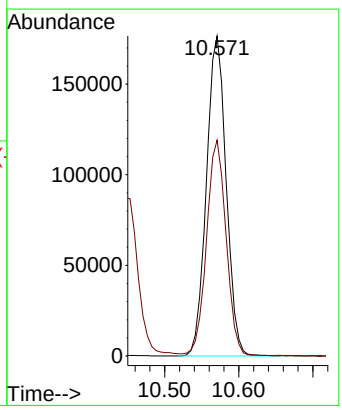
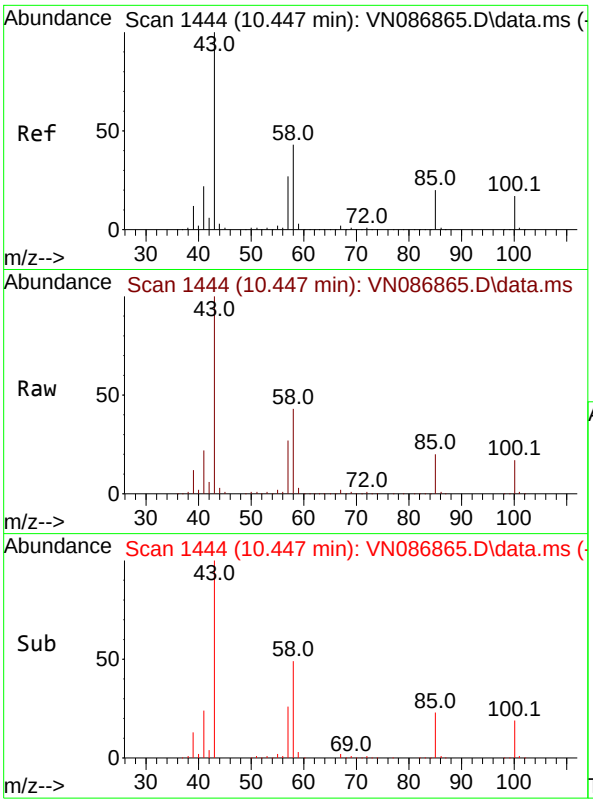


#50
Toluene-d8
Concen: 36.716 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 98 Resp: 326105

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.0

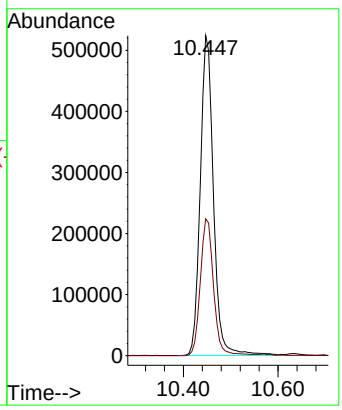




#51
4-Methyl-2-Pentanone
Concen: 247.484 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 101768

Ion	Ratio	Lower	Upper
43	100		
58	42.8	34.2	51.4



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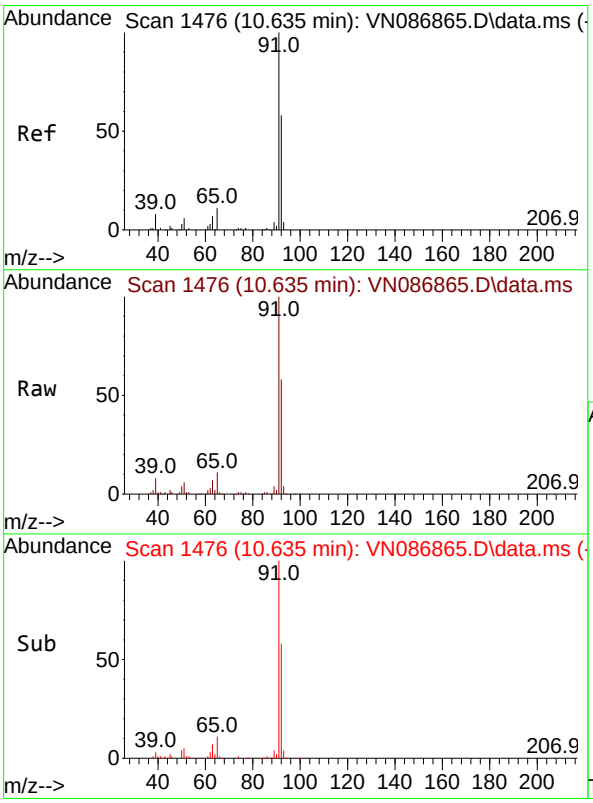
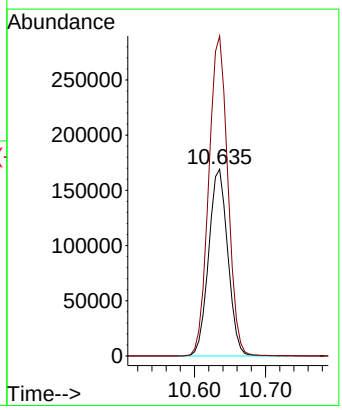
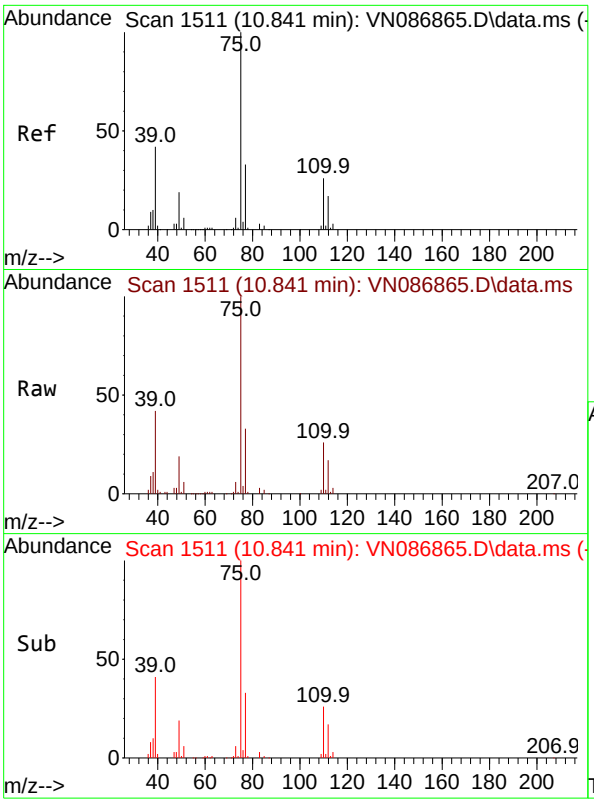


#52
Toluene
Concen: 47.331 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 92 Resp: 316219

Ion	Ratio	Lower	Upper
92	100		
91	170.6	136.5	204.7

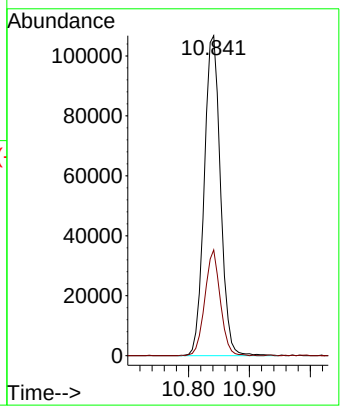




#53
t-1,3-Dichloropropene
Concen: 48.587 ug/l
RT: 10.841 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 19747

Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.4	39.6



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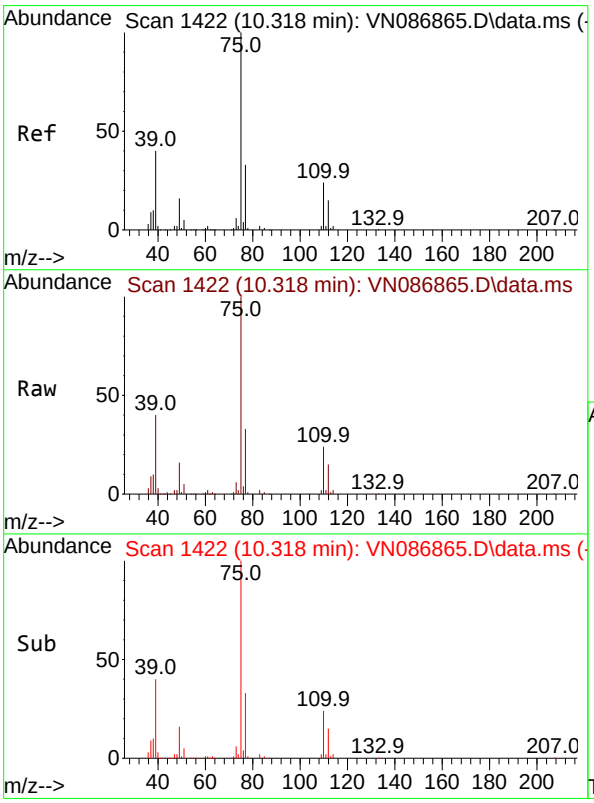
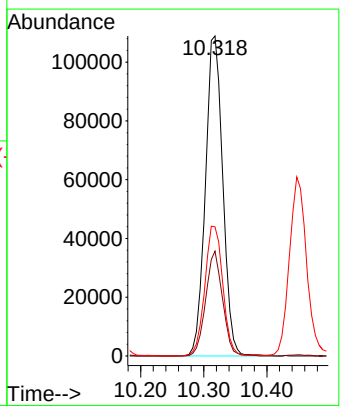
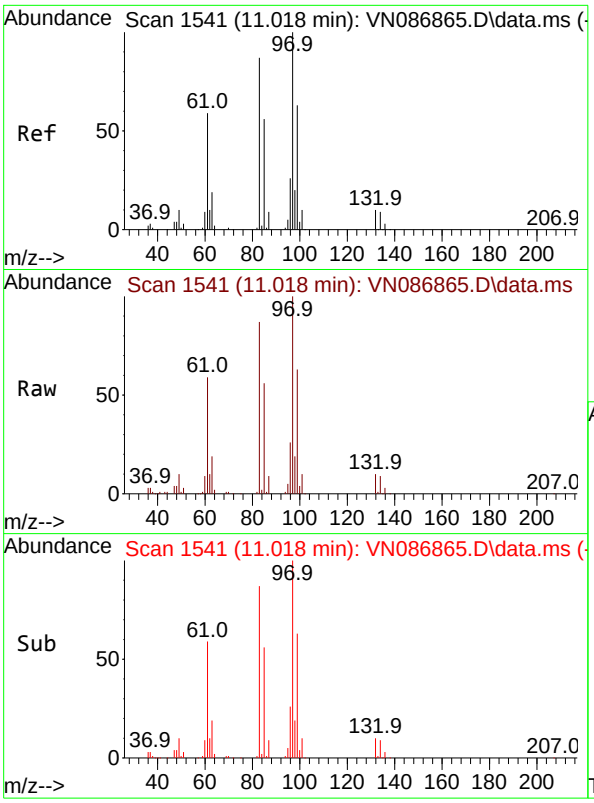


#54
cis-1,3-Dichloropropene
Concen: 47.950 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 208523

Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.2	39.4
39	40.4	32.3	48.5

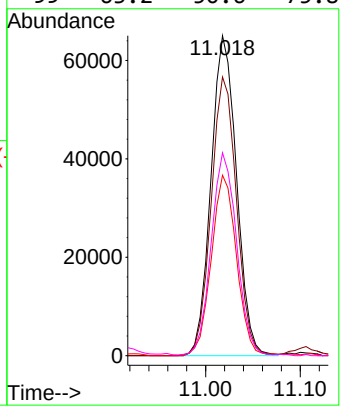




#55
1,1,2-Trichloroethane
Concen: 47.445 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 97 Resp: 12196

Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.7	104.5
85	56.4	45.1	67.7
99	63.2	50.6	75.8



Instrument :
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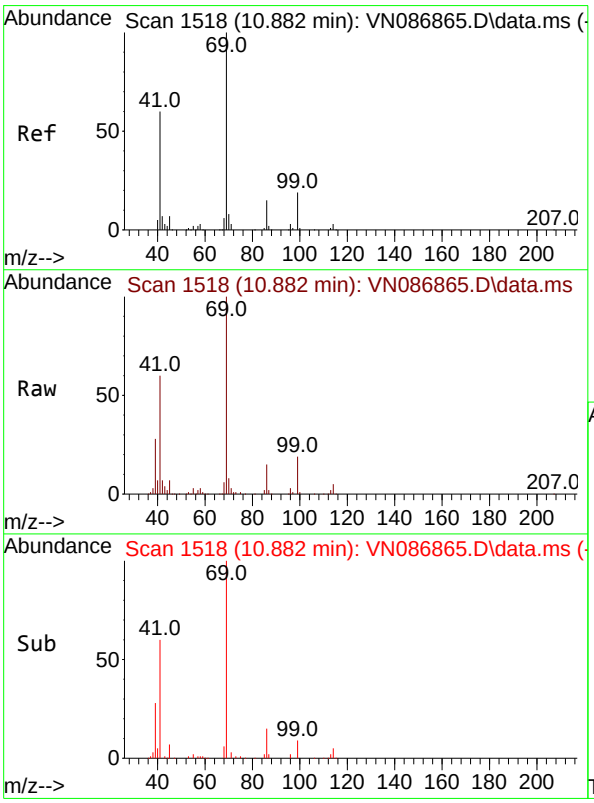
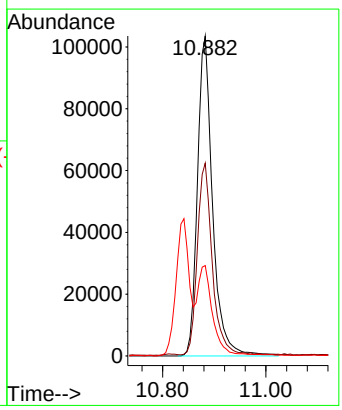
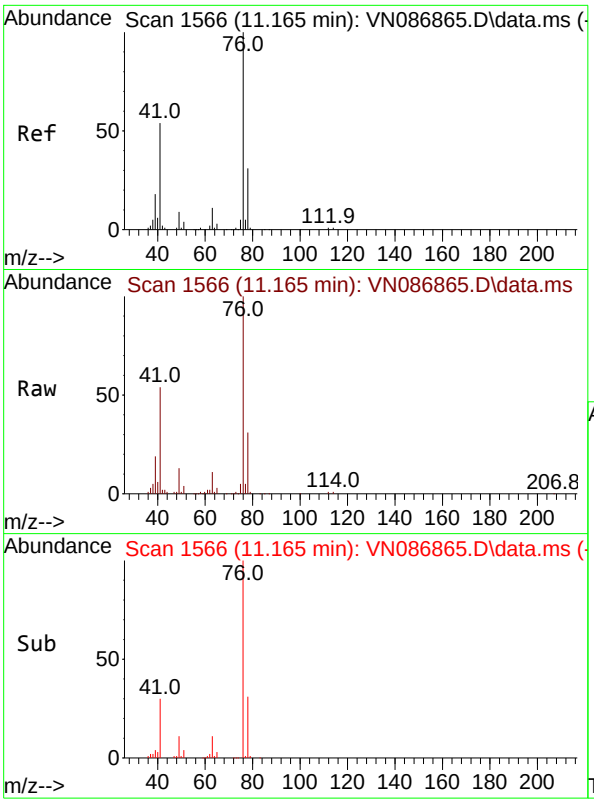


#56
Ethyl methacrylate
Concen: 51.401 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 69 Resp: 210467

Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.2	70.8
39	28.8	23.0	34.6

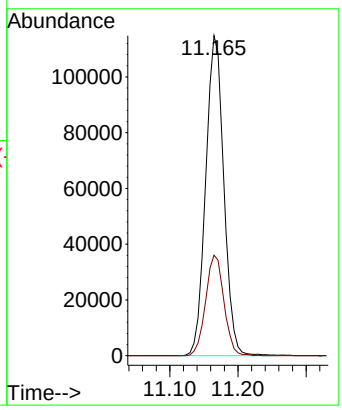




#57
1,3-Dichloropropane
Concen: 47.593 ug/l
RT: 11.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 76 Resp: 21224

Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.3	37.9



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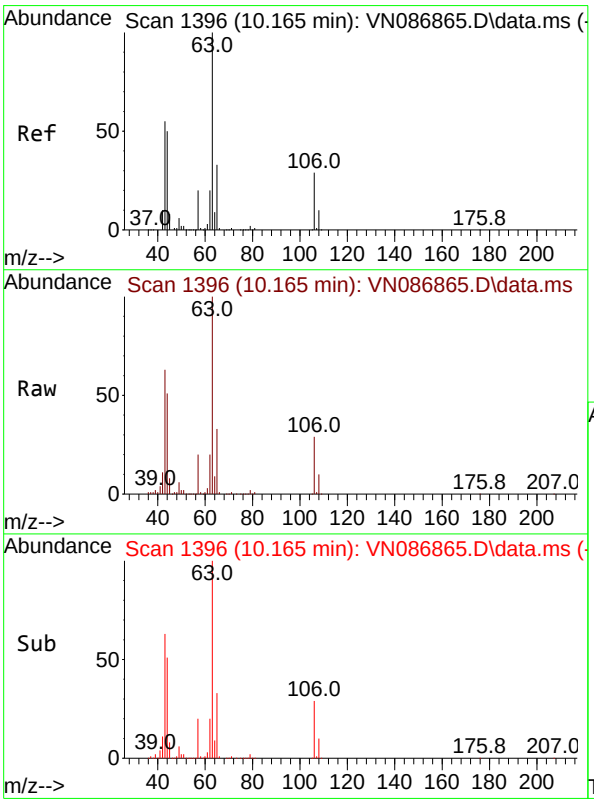
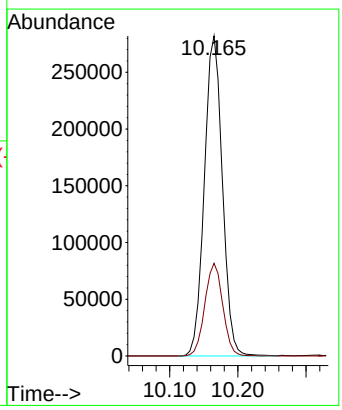
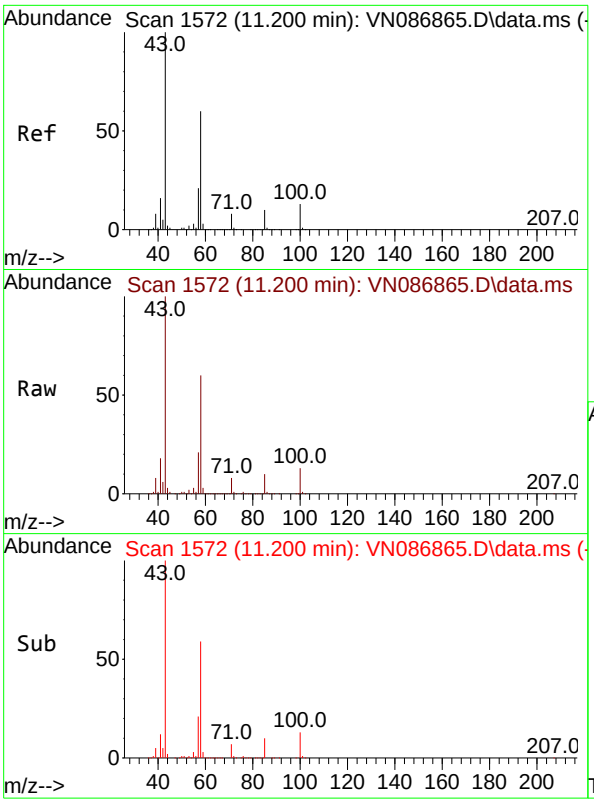


#58
2-Chloroethyl Vinyl ether
Concen: 212.570 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 63 Resp: 519139

Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.0	34.6





#59
2-Hexanone
Concen: 262.977 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 69656

Ion	Ratio	Lower	Upper
43	100		
58	60.9	30.4	91.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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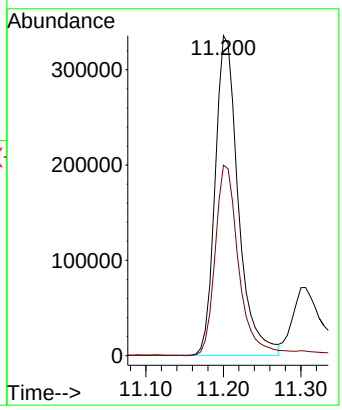
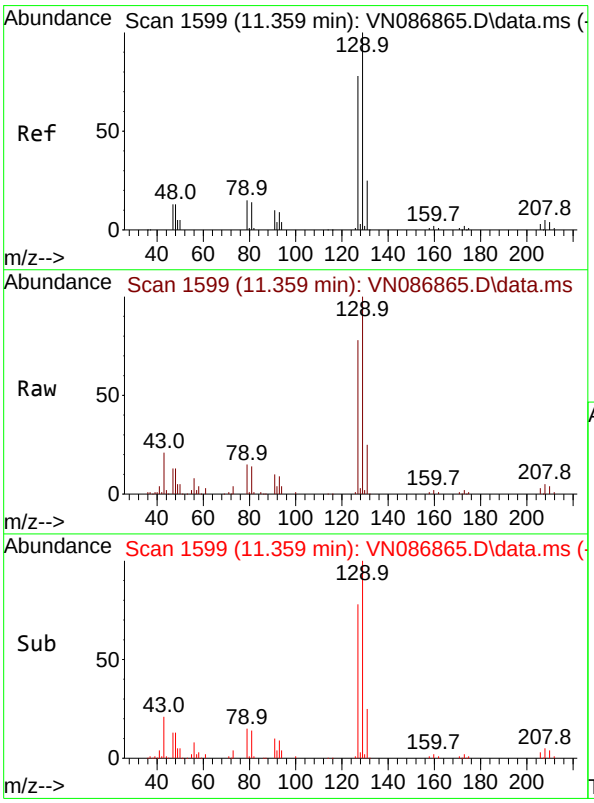
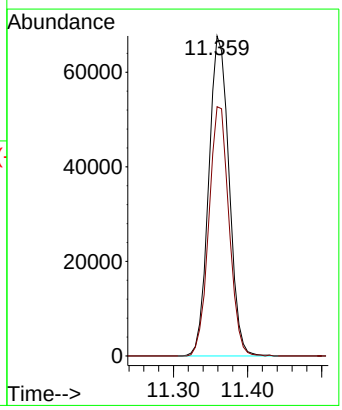


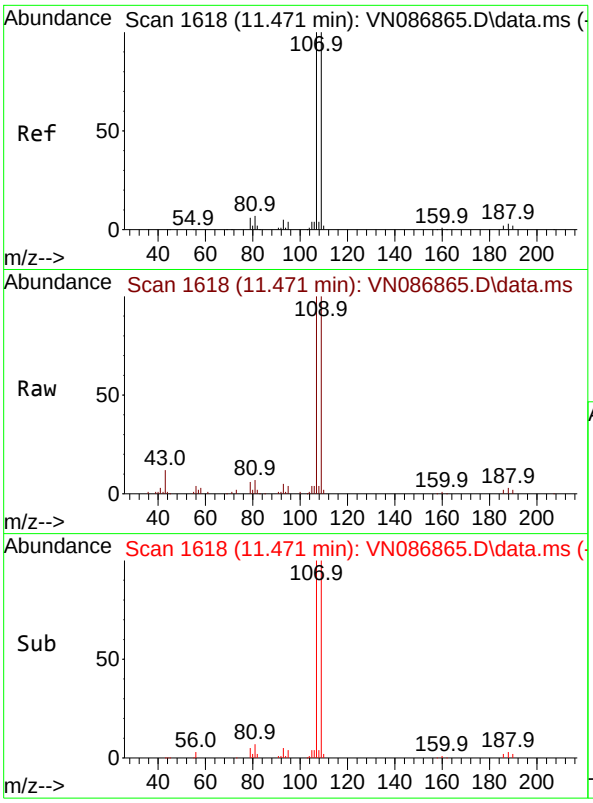


#60
Dibromochloromethane
Concen: 48.056 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:129 Resp: 128715

Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.6	115.8

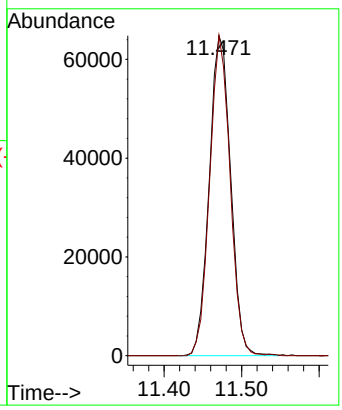




#61
1,2-Dibromoethane
Concen: 47.258 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:107 Resp: 12452

Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.3	114.5



Instrument :
MSVOA_N
ClientSampleId :
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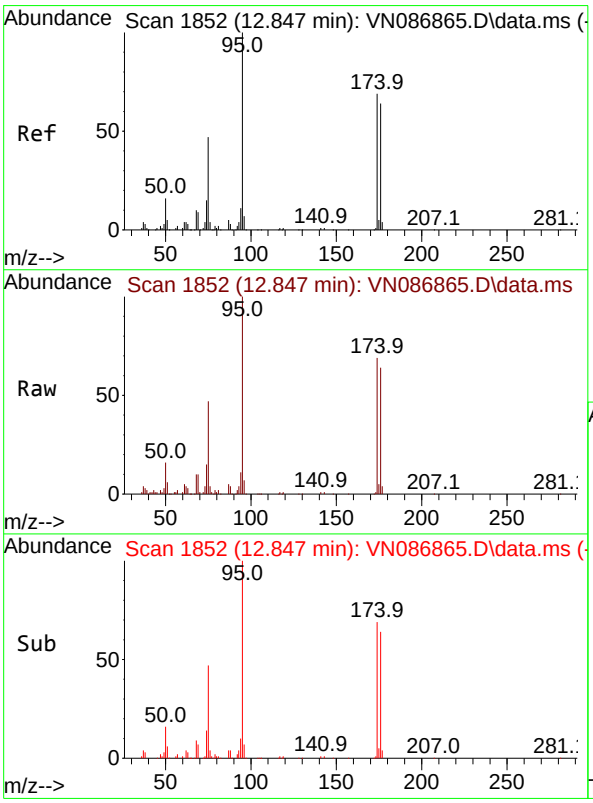
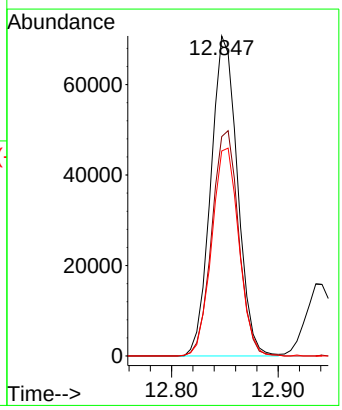
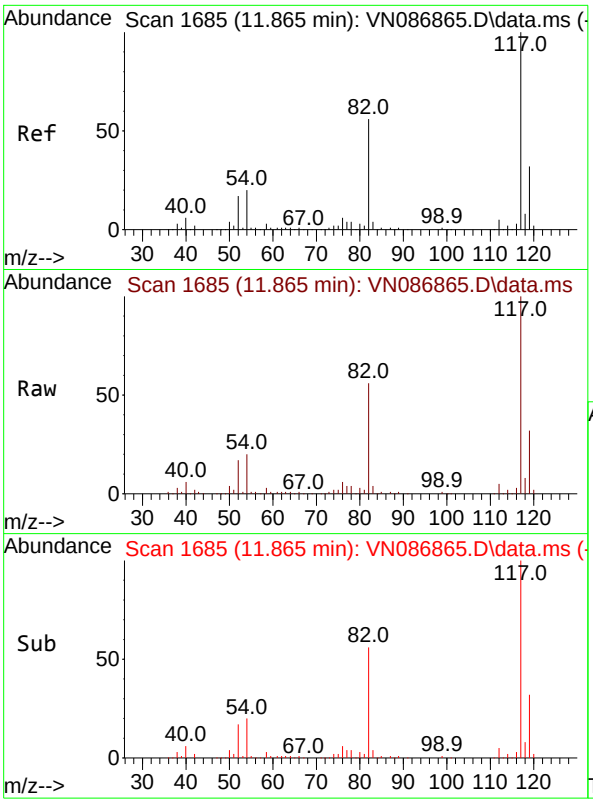


#62
4-Bromofluorobenzene
Concen: 37.264 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 95 Resp: 122965

Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	141.8
176	66.3	0.0	132.6

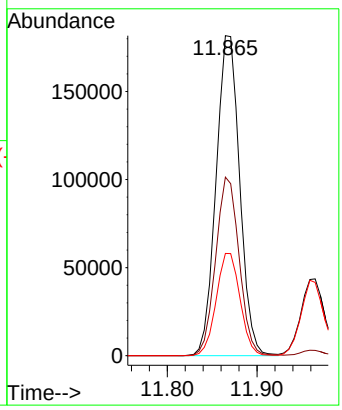




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:117 Resp: 33276

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	67.0
119	31.9	25.5	38.3



Instrument :
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ClientSampleId :
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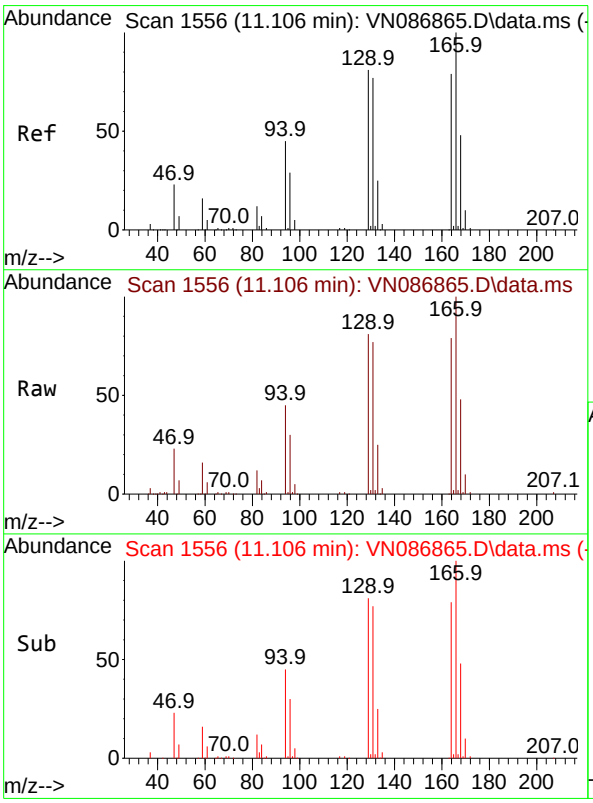
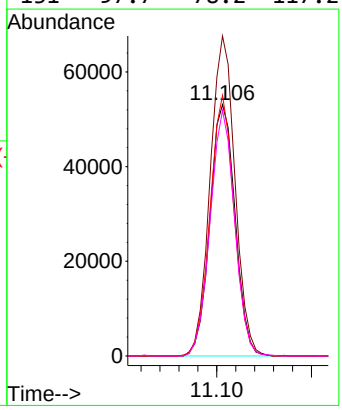
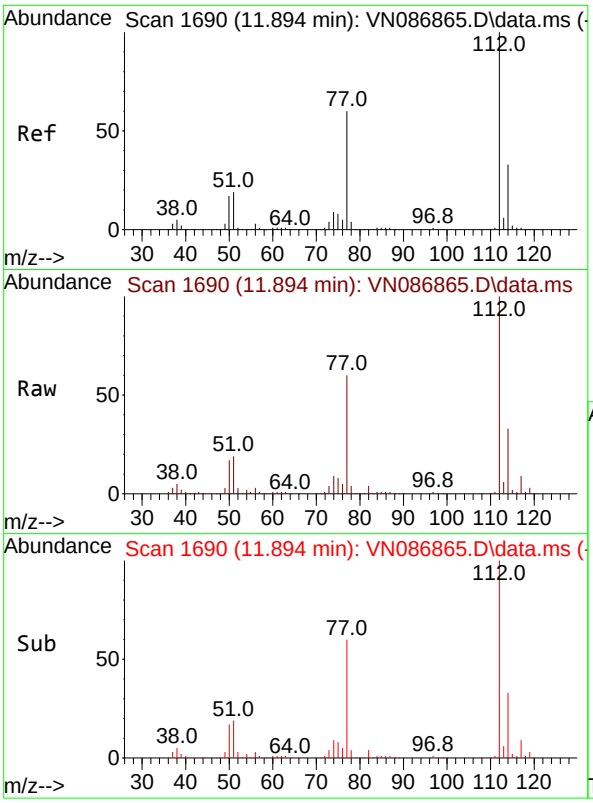


#64
Tetrachloroethene
Concen: 46.382 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:164 Resp: 97679

Ion	Ratio	Lower	Upper
164	100		
166	127.3	101.8	152.8
129	103.7	83.0	124.4
131	97.7	78.2	117.2

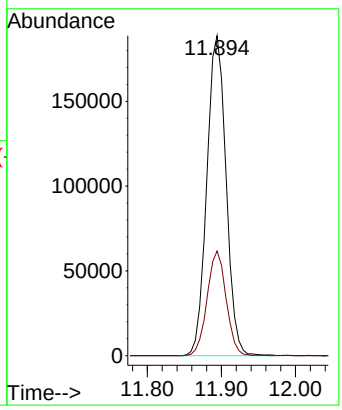




#65
Chlorobenzene
Concen: 46.386 ug/l
RT: 11.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:112 Resp: 34043

Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.2	39.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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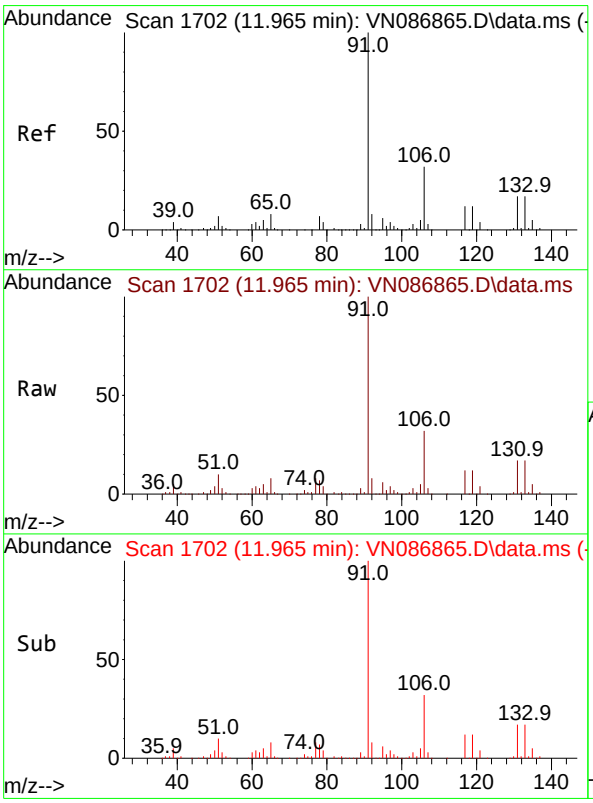
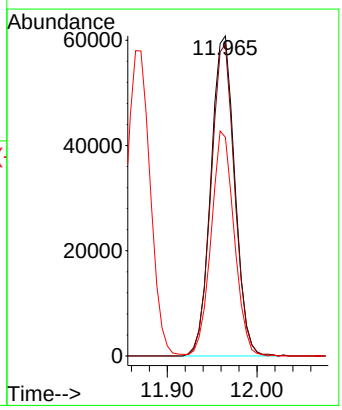
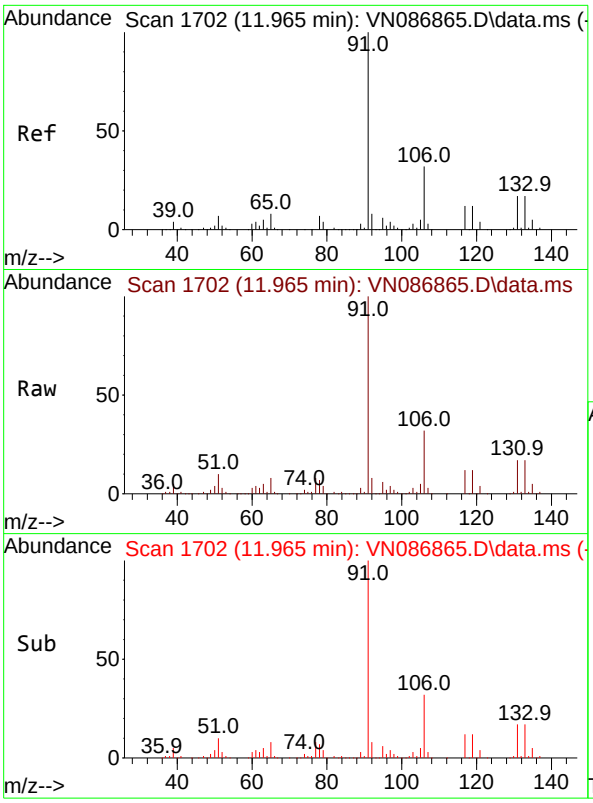


#66
1,1,1,2-Tetrachloroethane
Concen: 47.615 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:131 Resp: 112333

Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.3	144.8
119	67.9	34.0	101.8





#67
Ethyl Benzene
Concen: 47.271 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 91 Resp: 59759

Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.4	38.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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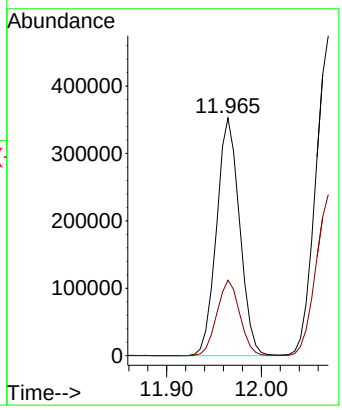
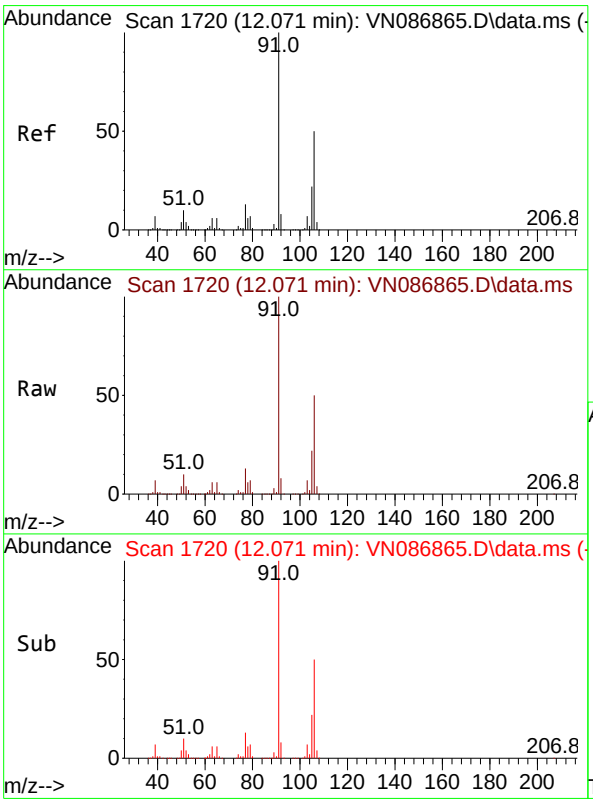
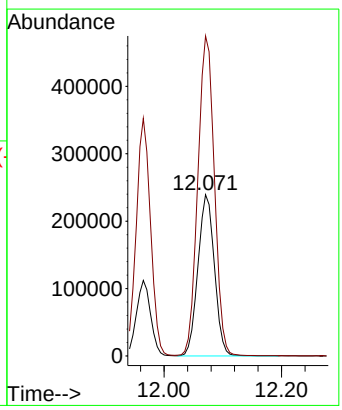


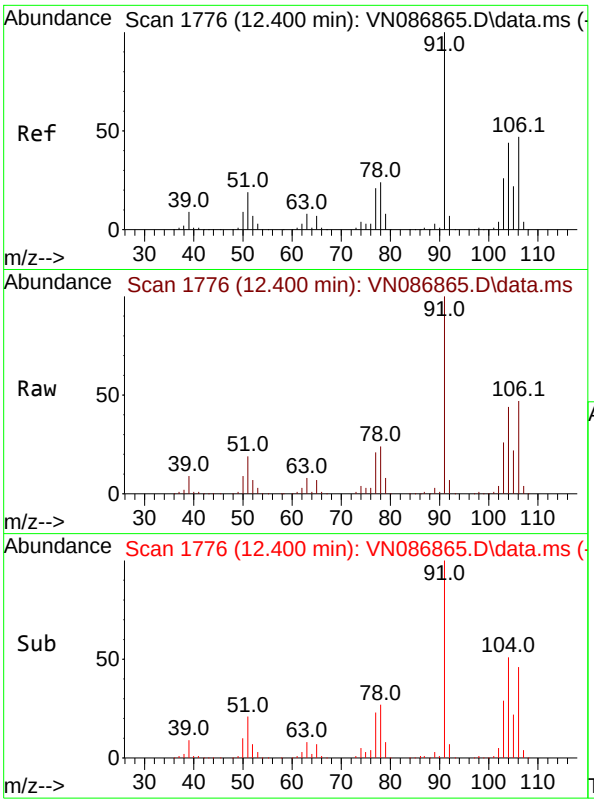


#68
m/p-Xylenes
Concen: 96.424 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:106 Resp: 466620

Ion	Ratio	Lower	Upper
106	100		
91	199.2	159.4	239.0

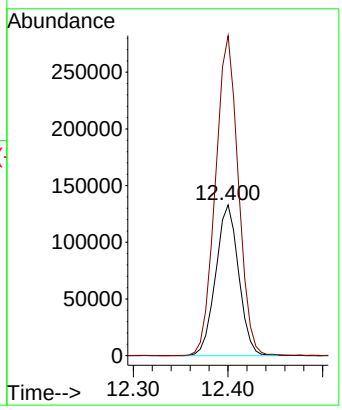




#69
o-Xylene
Concen: 48.395 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:106 Resp: 22429

Ion	Ratio	Lower	Upper
106	100		
91	212.1	106.1	318.1



Instrument :
MSVOA_N
ClientSampleId :
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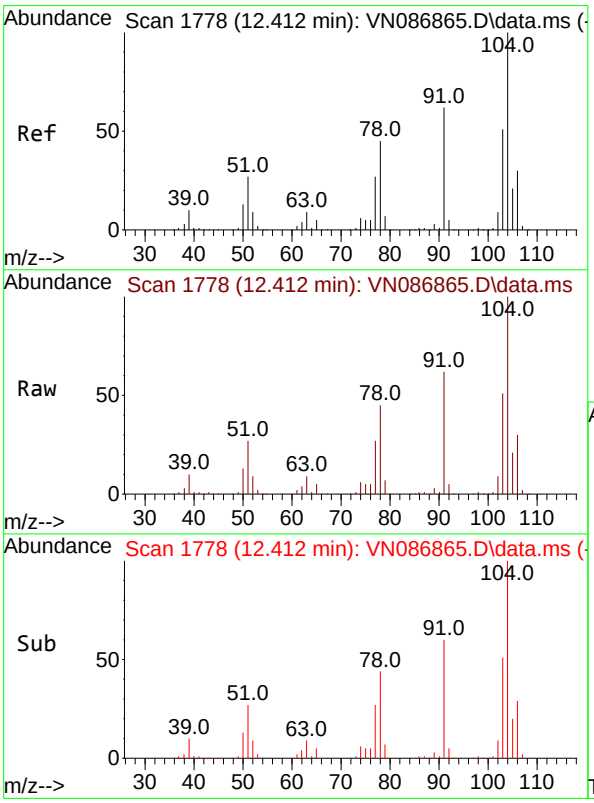
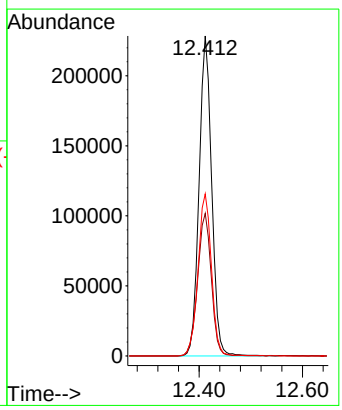
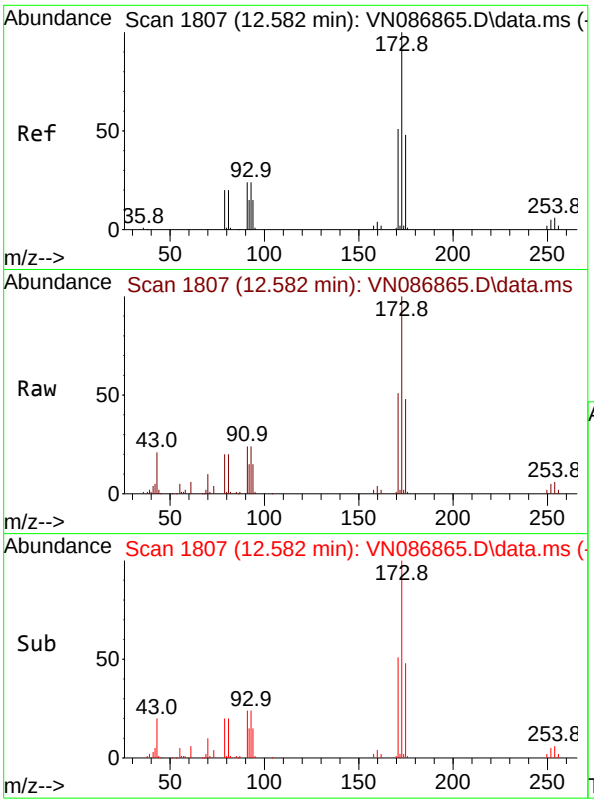


#70
Styrene
Concen: 48.745 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:104 Resp: 386596

Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.5	57.7
103	53.9	43.1	64.7

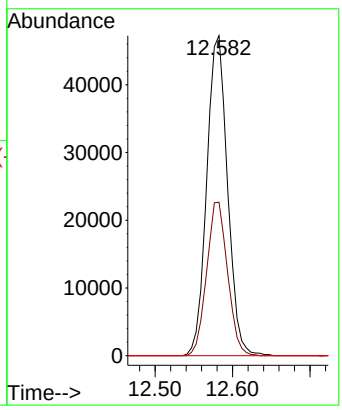




#71
Bromoform
Concen: 50.415 ug/l
RT: 12.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:173 Resp: 8812

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.0	0.0



Instrument :
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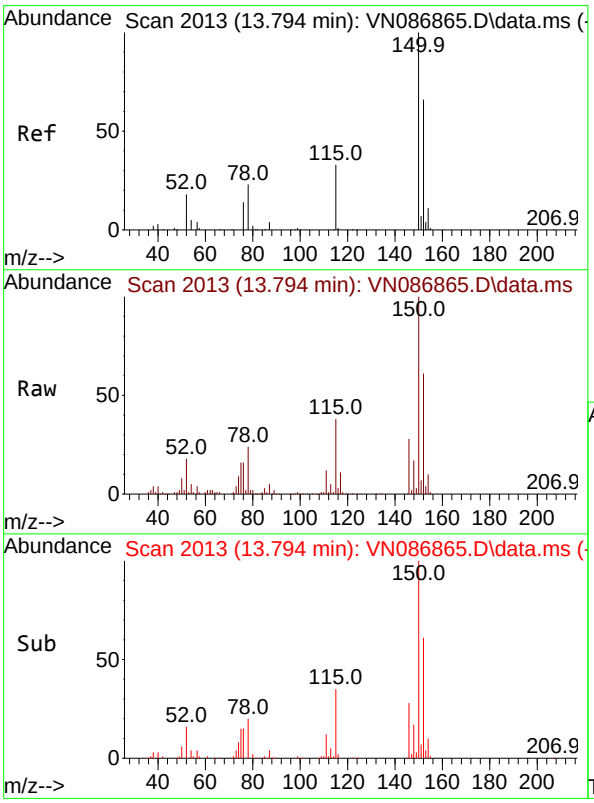
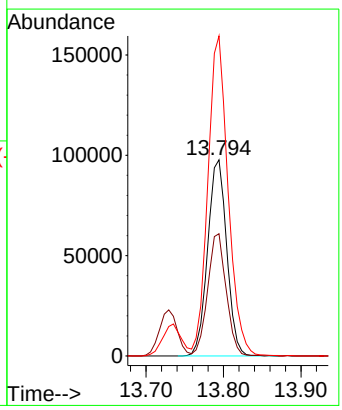
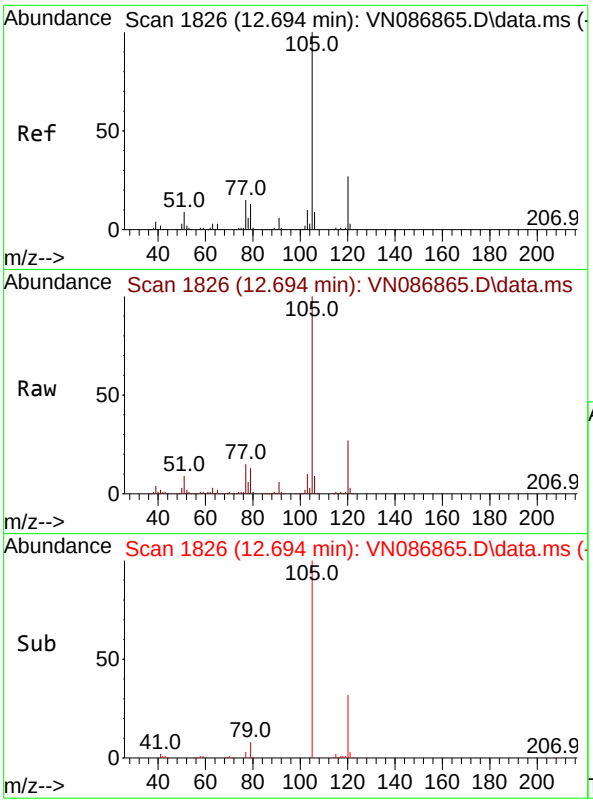


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:152 Resp: 167532

Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.1	90.5
150	172.5	0.0	345.0

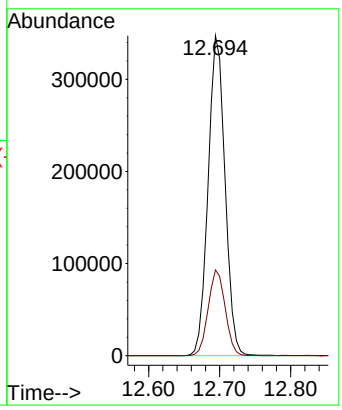




#73
Isopropylbenzene
Concen: 47.023 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:105 Resp: 57390

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4



Instrument :
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ClientSampleId :
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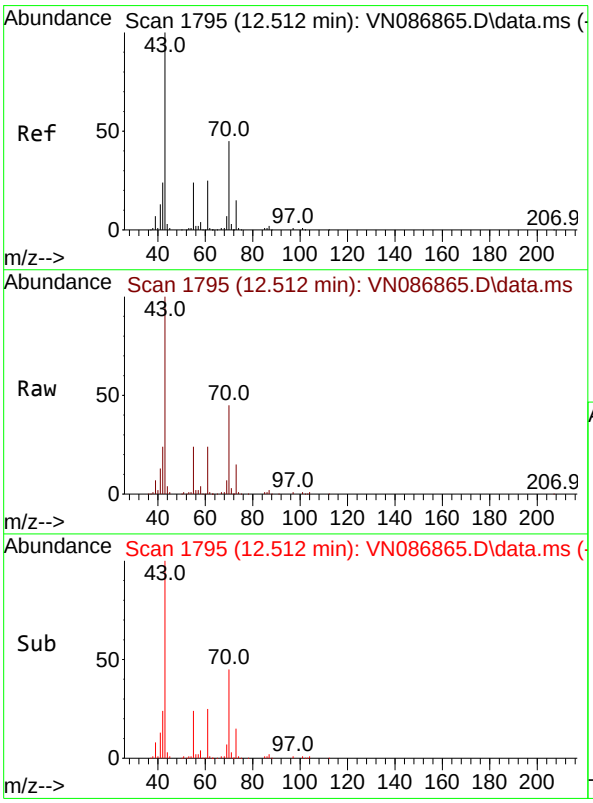
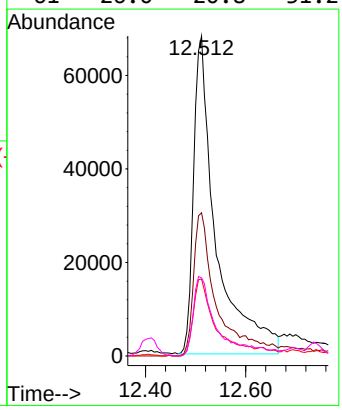
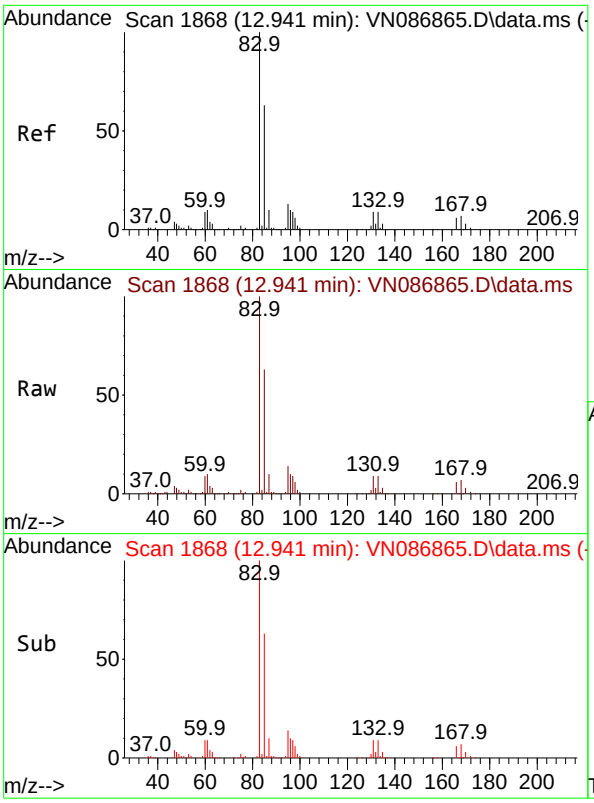


#74
N-amyl acetate
Concen: 52.353 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 212064

Ion	Ratio	Lower	Upper
43	100		
70	47.0	37.6	56.4
55	23.8	19.0	28.6
61	26.0	20.8	31.2

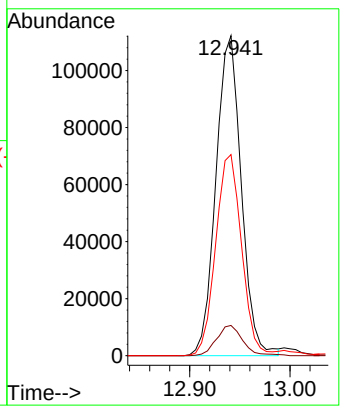




#75
1,1,2,2-Tetrachloroethane
Concen: 47.732 ug/l
RT: 12.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 83 Resp: 19736

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.0	32.0	96.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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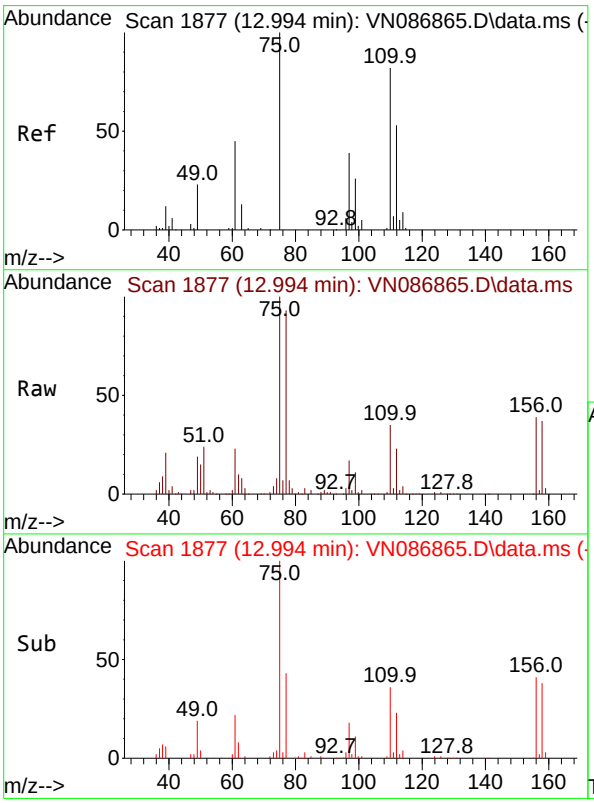
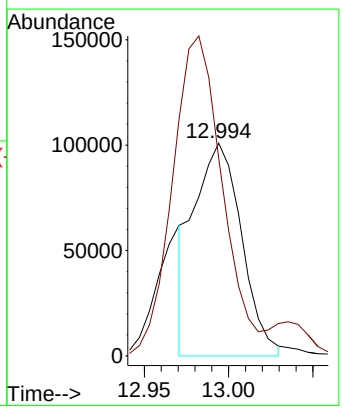
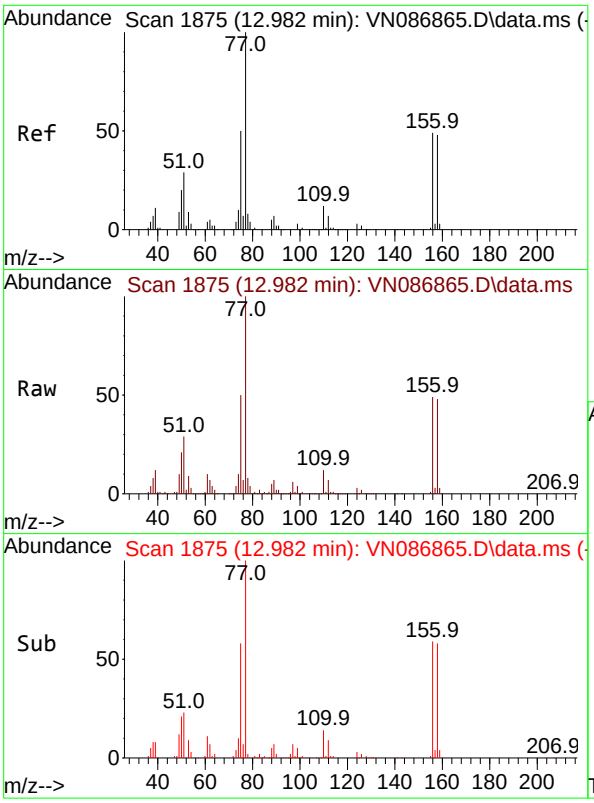


#76
1,2,3-Trichloropropane
Concen: 49.183 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 196473

Ion	Ratio	Lower	Upper
75	100		
77	158.6	79.3	237.9

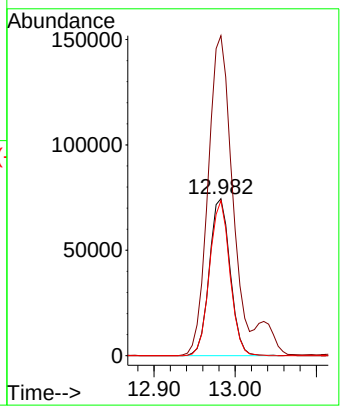




#77
Bromobenzene
Concen: 47.296 ug/l
RT: 12.982 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:156 Resp: 13238

Ion	Ratio	Lower	Upper
156	100		
77	235.4	117.7	353.1
158	96.3	48.1	144.4



Instrument :
MSVOA_N
ClientSampleId :
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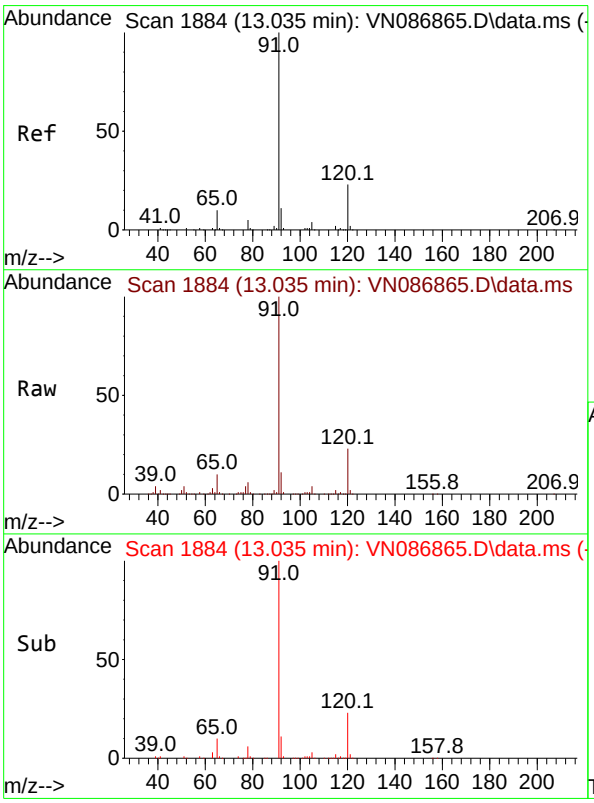
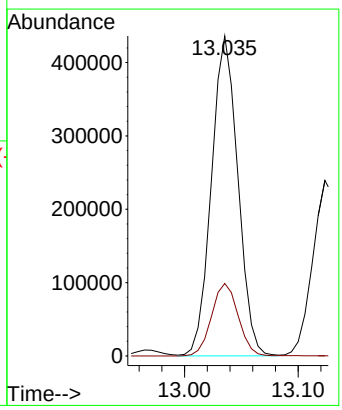
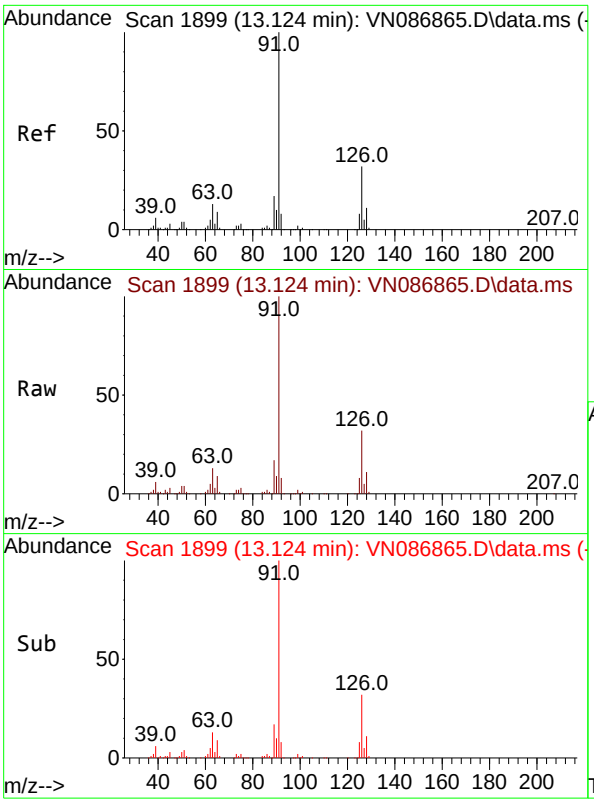


#78
n-propylbenzene
Concen: 47.567 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 91 Resp: 705524

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.2

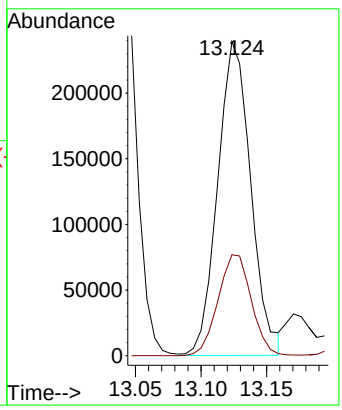




#79
2-Chlorotoluene
Concen: 47.216 ug/l
RT: 13.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 91 Resp: 41998

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.2	48.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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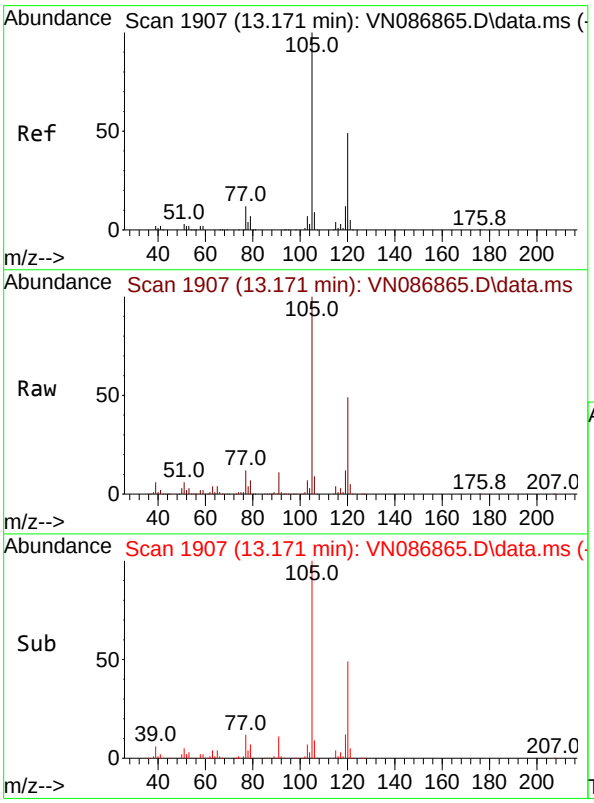
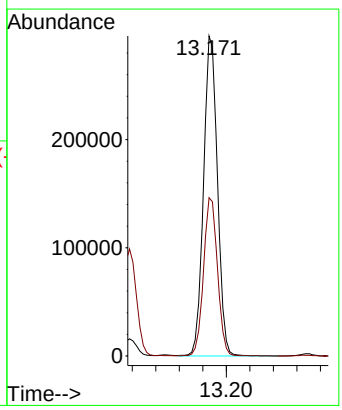
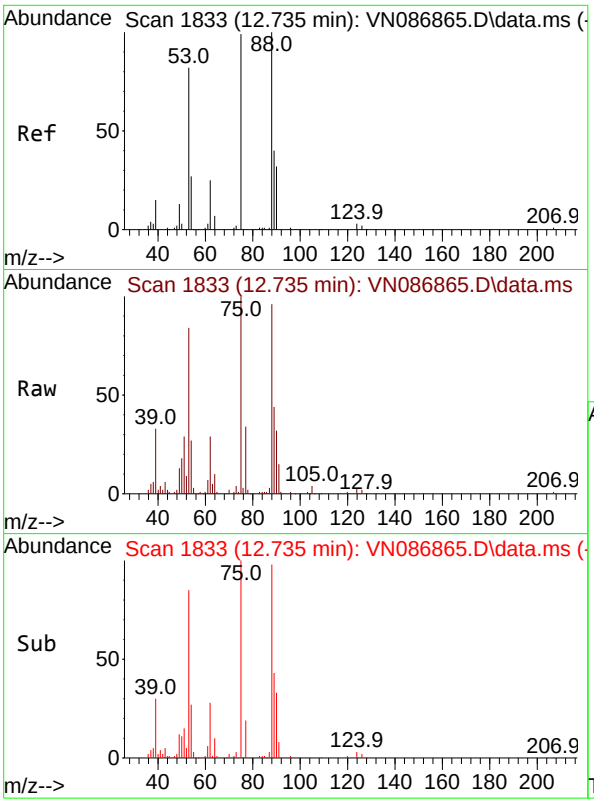


#80
1,3,5-Trimethylbenzene
Concen: 48.181 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:105 Resp: 485499

Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.9	74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.089 ug/l
RT: 12.735 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 7973

Ion	Ratio	Lower	Upper
75	100		
53	83.2	66.6	99.8
89	45.9	36.7	55.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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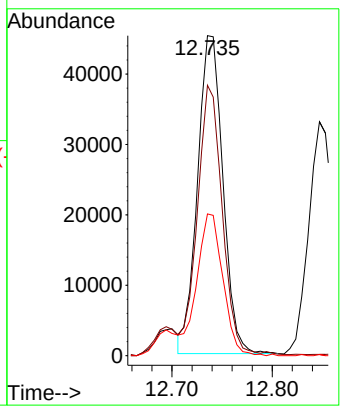
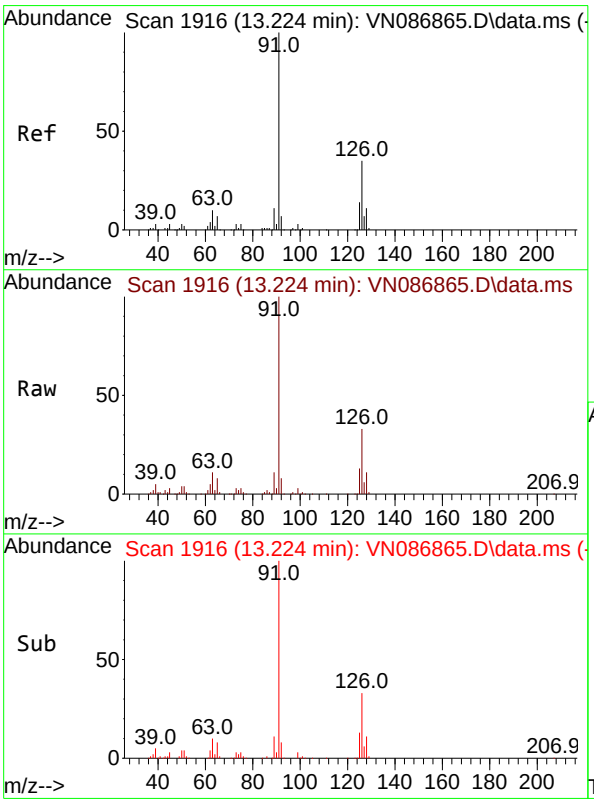
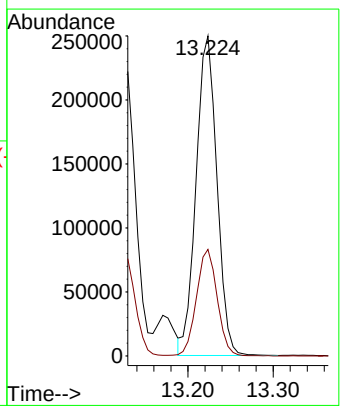


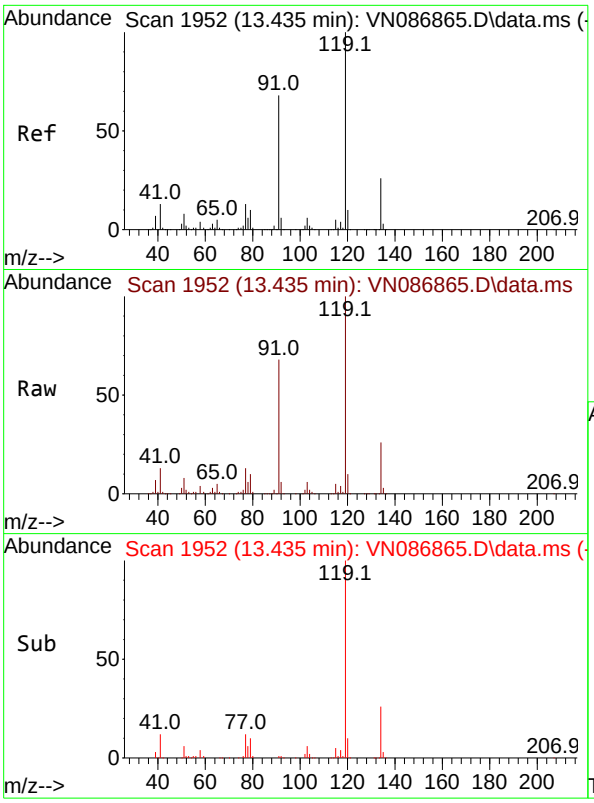


#82
4-Chlorotoluene
Concen: 47.117 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 91 Resp: 424066

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.7	50.1

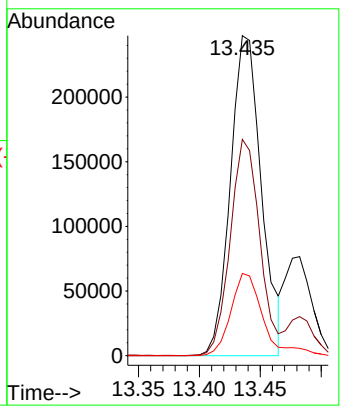




#83
tert-Butylbenzene
Concen: 47.531 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:119 Resp: 43841

Ion	Ratio	Lower	Upper
119	100		
91	64.3	32.1	96.5
134	26.7	13.4	40.1



Instrument :
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ClientSampleId :
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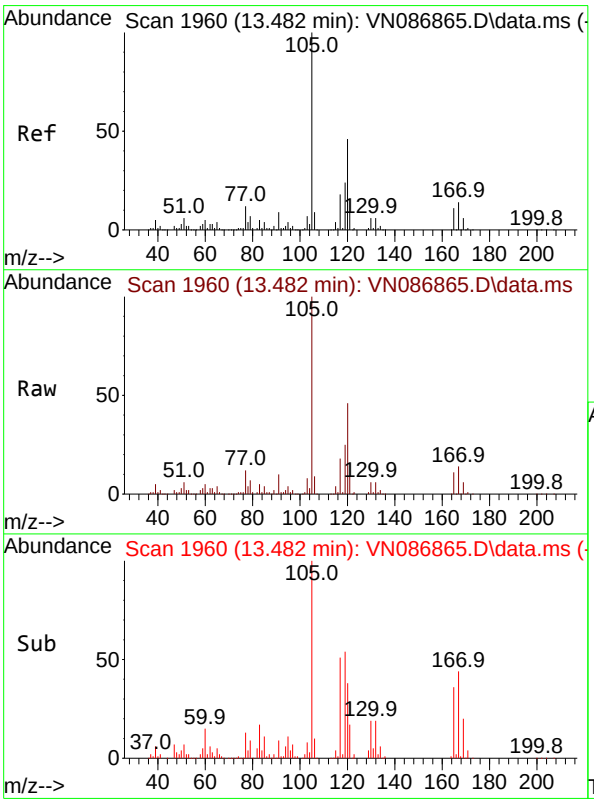
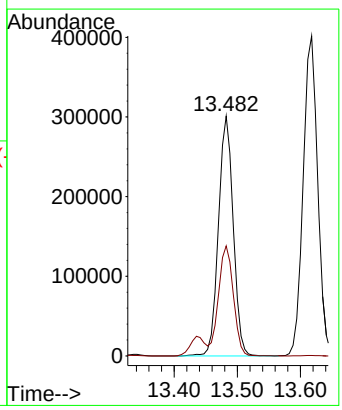
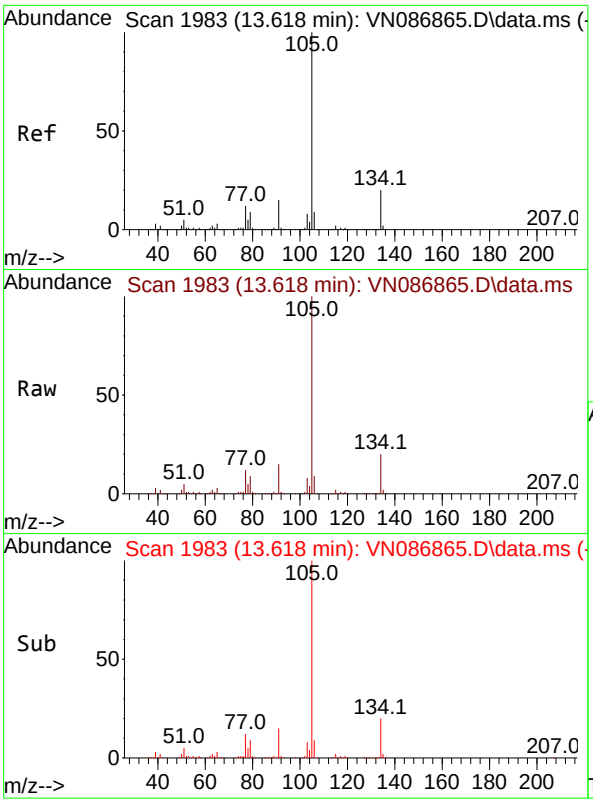


#84
1,2,4-Trimethylbenzene
Concen: 48.314 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:105 Resp: 488189

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.2	69.6

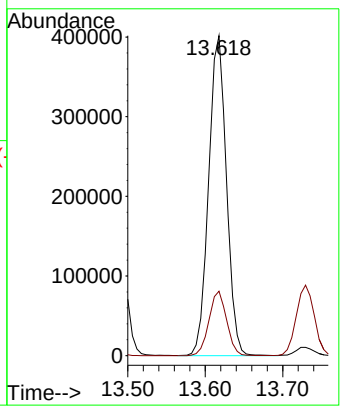




#85
sec-Butylbenzene
Concen: 47.893 ug/l
RT: 13.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:105 Resp: 64152

Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.0	30.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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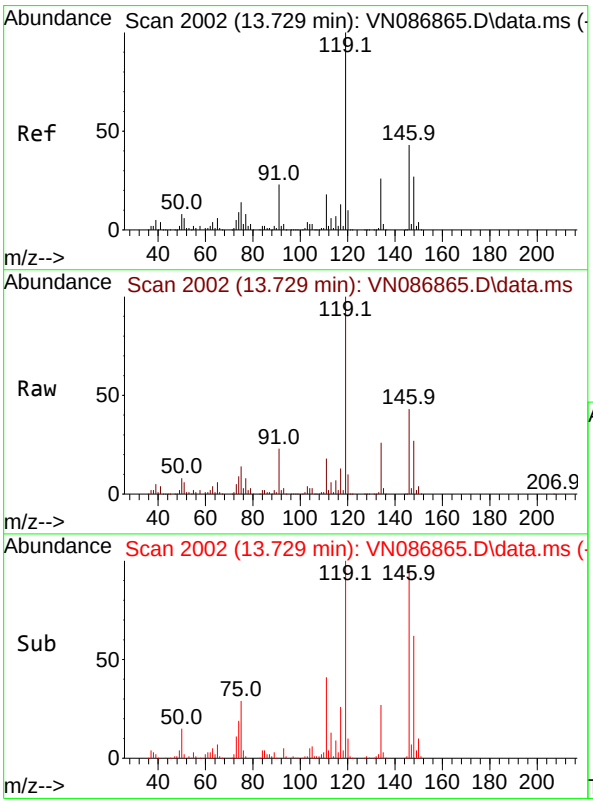
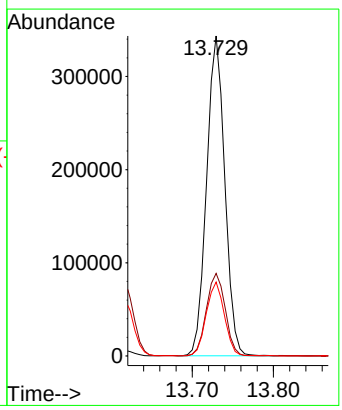
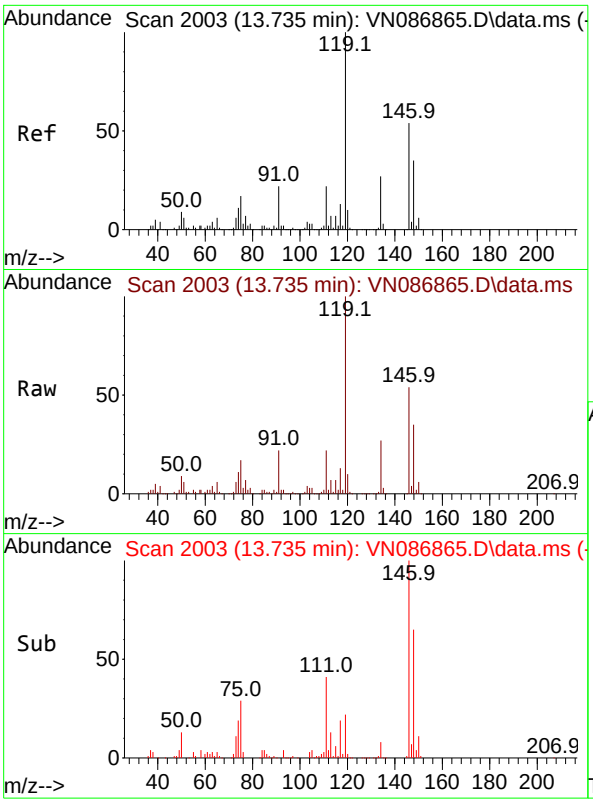


#86
p-Isopropyltoluene
Concen: 48.169 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:119 Resp: 533366

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.4
91	22.9	11.5	34.4

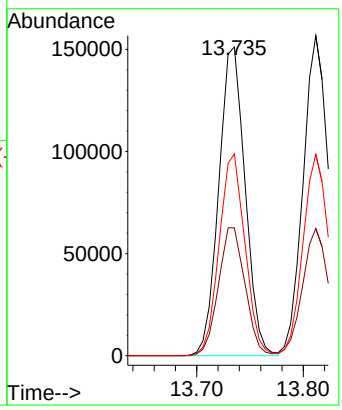




#87
1,3-Dichlorobenzene
Concen: 47.269 ug/l
RT: 13.735 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:146 Resp: 26031

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.8
148	64.1	32.0	96.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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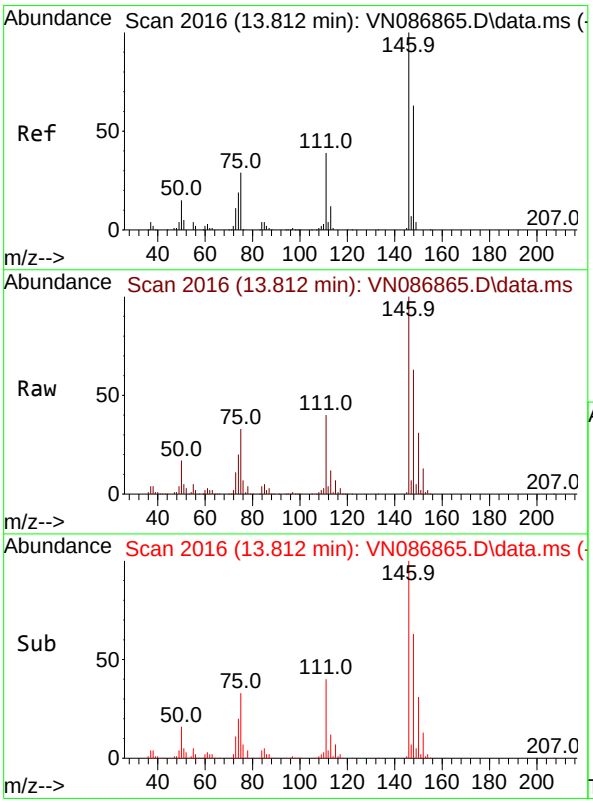
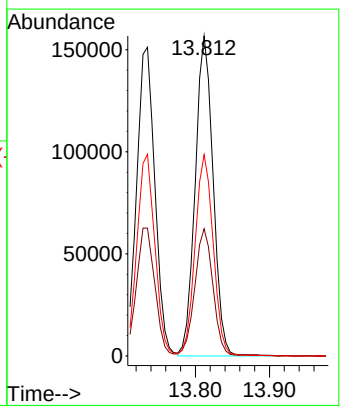
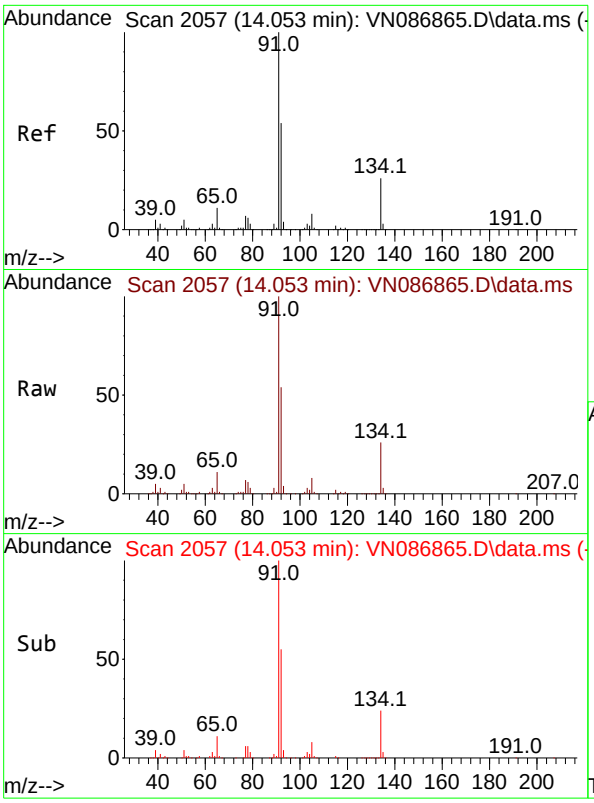


#88
1,4-Dichlorobenzene
Concen: 46.907 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:146 Resp: 263358

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	63.6	31.8	95.4

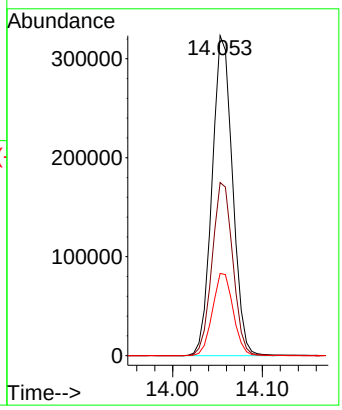




#89
n-Butylbenzene
Concen: 47.787 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 91 Resp: 51251

Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	26.0	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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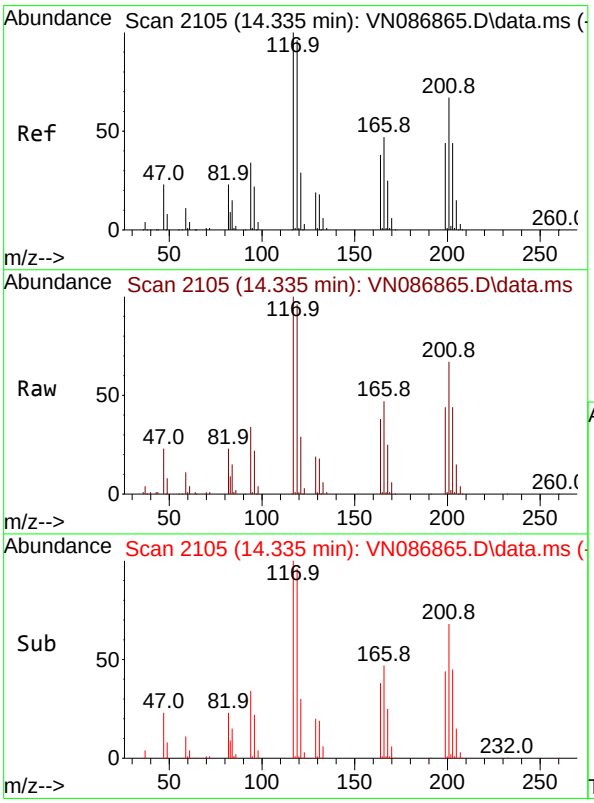
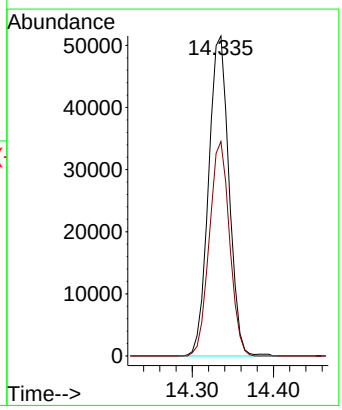
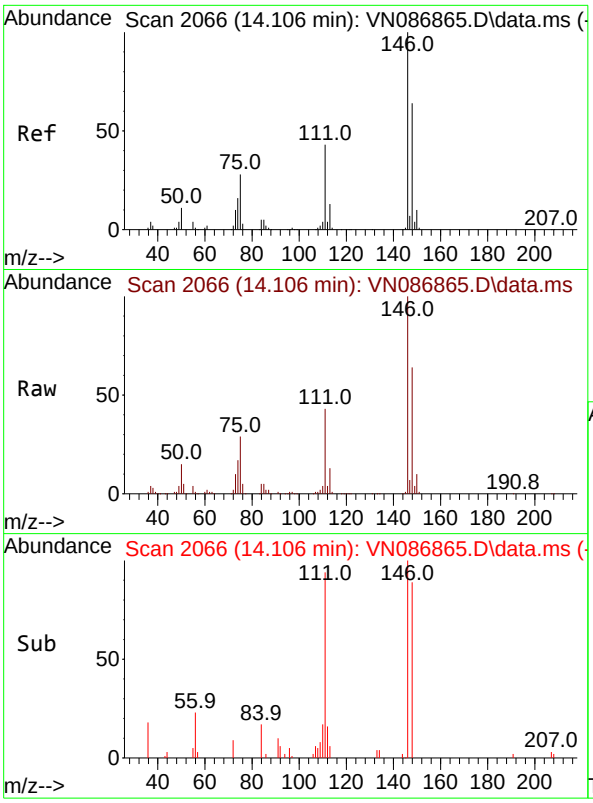


#90
Hexachloroethane
Concen: 47.896 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:117 Resp: 89896

Ion	Ratio	Lower	Upper
117	100		
201	66.4	33.2	99.6

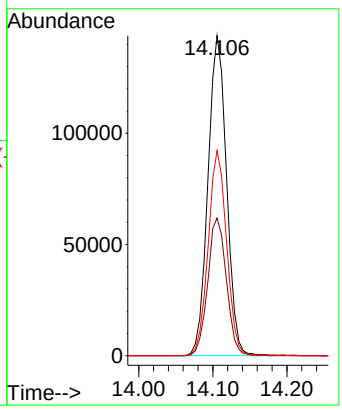




#91
1,2-Dichlorobenzene
Concen: 47.486 ug/l
RT: 14.106 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:146 Resp: 25123

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	64.6
148	63.4	31.7	95.1



Instrument :
MSVOA_N
ClientSampleId :
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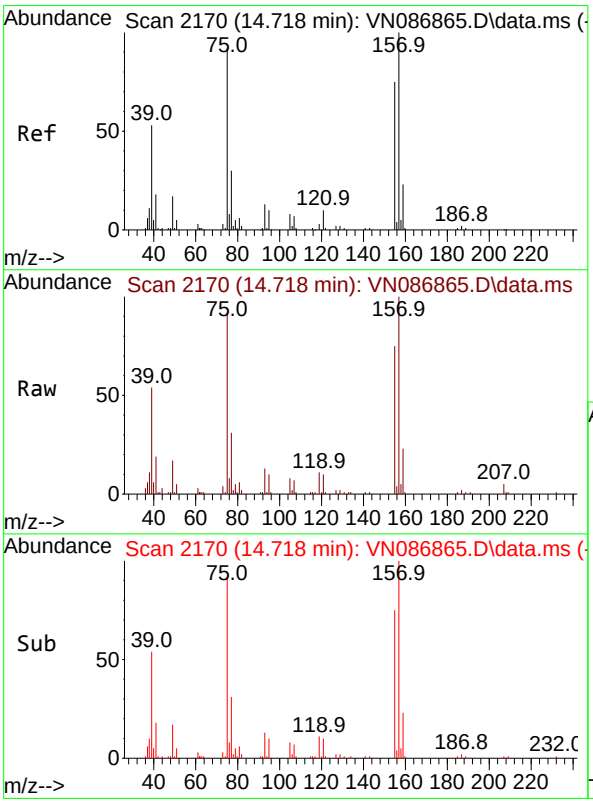
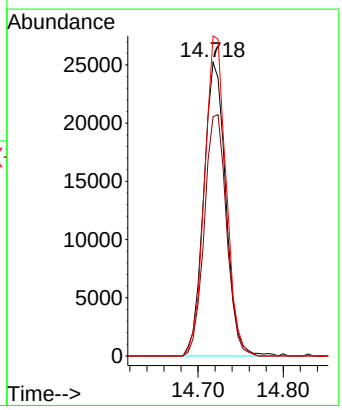
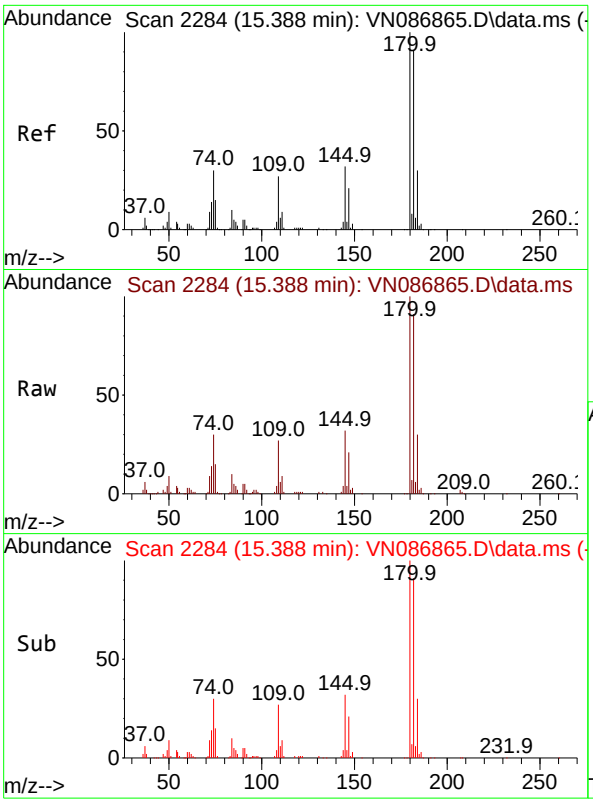


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.049 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 45535

Ion	Ratio	Lower	Upper
75	100		
155	82.3	41.1	123.4
157	105.4	52.7	158.1





#93
1,2,4-Trichlorobenzene
Concen: 48.061 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:180 Resp: 16237

Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.7
145	31.9	16.0	47.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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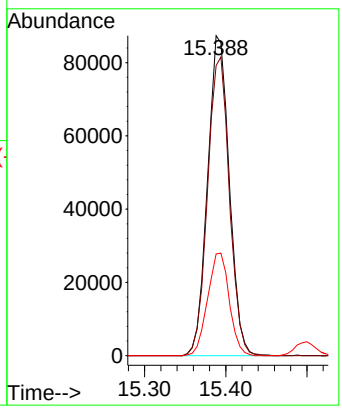
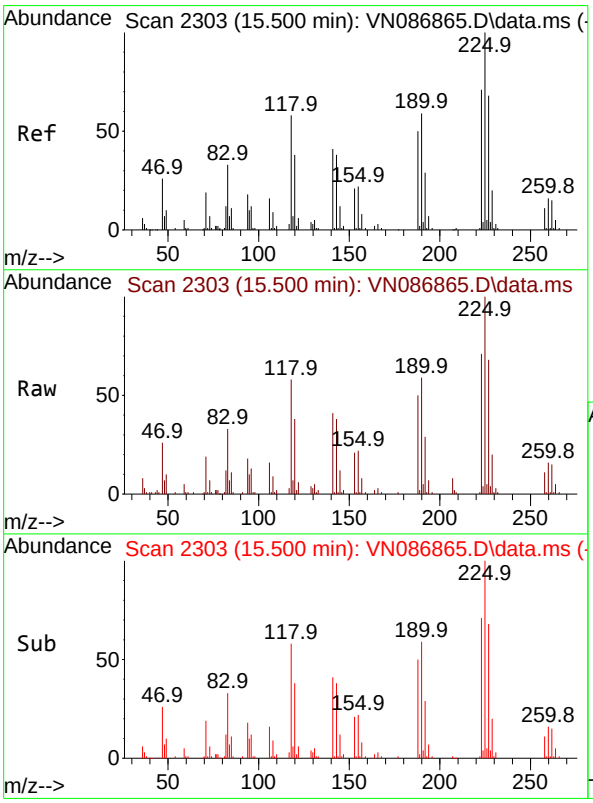
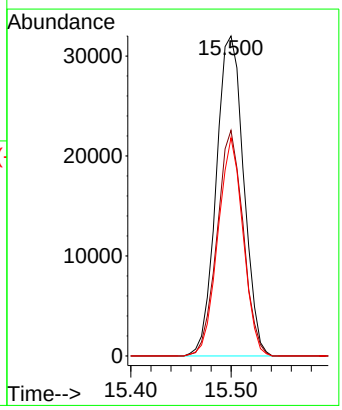


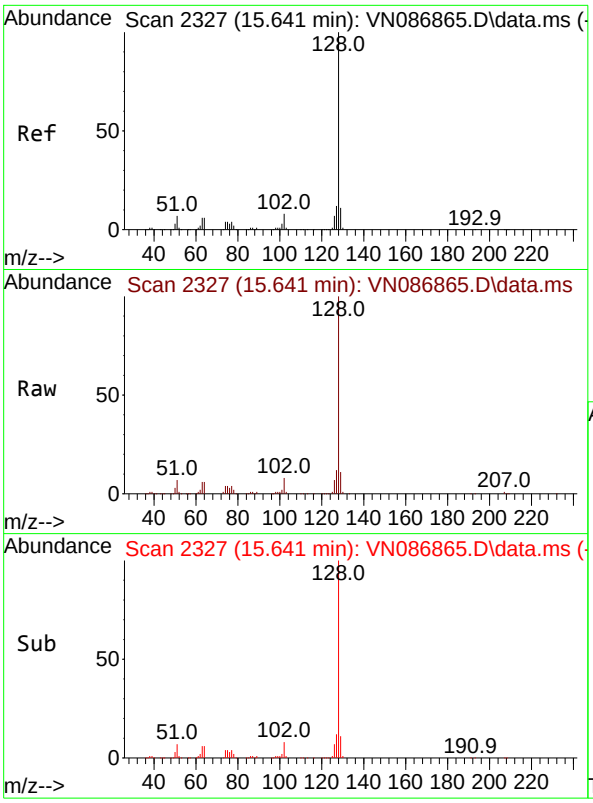


#94
Hexachlorobutadiene
Concen: 48.356 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:225 Resp: 60866

Ion	Ratio	Lower	Upper
225	100		
223	66.9	33.5	100.4
227	62.3	31.1	93.5

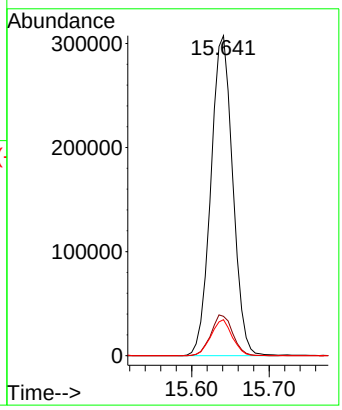




#95
Naphthalene
Concen: 47.958 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:128 Resp: 60308

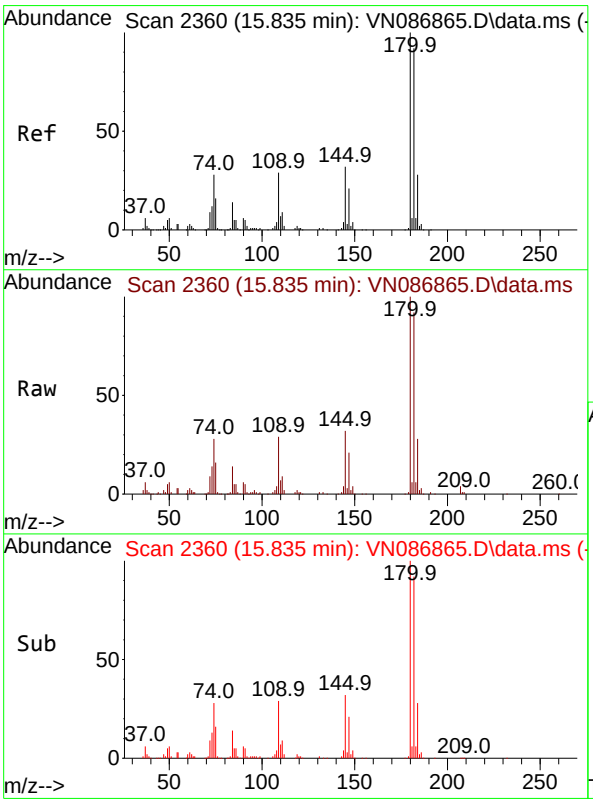
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

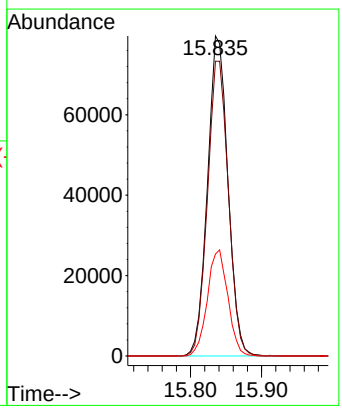
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.402 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:180 Resp: 159113

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.0	141.0
145	33.2	16.6	49.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	181996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	290313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	238957	98.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 196.120%#			
35) Dibromofluoromethane	8.177	113	195212	100.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.980%#			
50) Toluene-d8	10.570	98	772210	100.419	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 200.840%#			
62) 4-Bromofluorobenzene	12.847	95	292385	102.339	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 204.680%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	194799	107.350	ug/l	100
3) Chloromethane	2.395	50	224558	95.833	ug/l	98
4) Vinyl Chloride	2.553	62	245135	101.414	ug/l	98
5) Bromomethane	2.977	94	137967	101.996	ug/l	99
6) Chloroethane	3.147	64	152150	97.447	ug/l	97
7) Trichlorofluoromethane	3.524	101	312394	98.917	ug/l	99
8) Diethyl Ether	3.983	74	139844	101.631	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	198739	100.163	ug/l	99
10) Methyl Iodide	4.612	142	262771	102.162	ug/l	99
11) Tert butyl alcohol	5.547	59	327987	496.062	ug/l	99
12) 1,1-Dichloroethene	4.359	96	200212	98.838	ug/l	99
13) Acrolein	4.200	56	94171	449.961	ug/l	98
14) Allyl chloride	5.047	41	329412	98.055	ug/l	99
15) Acrylonitrile	5.735	53	770470	498.552	ug/l	99
16) Acetone	4.447	43	608178	470.648	ug/l	98
17) Carbon Disulfide	4.736	76	544511	97.179	ug/l	100
18) Methyl Acetate	5.047	43	381808	101.390	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	735694	100.306	ug/l	100
20) Methylene Chloride	5.294	84	228800	94.575	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	215177	95.476	ug/l	99
22) Diisopropyl ether	6.688	45	696881	98.409	ug/l	98
23) Vinyl Acetate	6.618	43	2919350	487.936	ug/l	100
24) 1,1-Dichloroethane	6.588	63	404207	99.186	ug/l	99
25) 2-Butanone	7.494	43	1043385	496.743	ug/l	100
26) 2,2-Dichloropropane	7.500	77	331995	104.729	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	265248	98.410	ug/l	99
28) Bromochloromethane	7.824	49	188050	93.851	ug/l	99
29) Tetrahydrofuran	7.847	42	677636	495.240	ug/l	99
30) Chloroform	7.977	83	394927	97.040	ug/l	99
31) Cyclohexane	8.265	56	374933	94.869	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	336819	97.306	ug/l	99
36) 1,1-Dichloropropene	8.382	75	289907	100.156	ug/l	99
37) Ethyl Acetate	7.571	43	370652	100.591	ug/l	99
38) Carbon Tetrachloride	8.371	117	285325	100.404	ug/l	98
39) Methylcyclohexane	9.606	83	395603	99.758	ug/l	99
40) Benzene	8.612	78	927083	97.946	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.794	41	195946	94.688	ug/l		95
42) 1,2-Dichloroethane	8.676	62	282015	98.232	ug/l		100
43) Isopropyl Acetate	8.694	43	579464	97.981	ug/l		99
44) Trichloroethene	9.359	130	222822	99.280	ug/l		97
45) 1,2-Dichloropropane	9.629	63	230454	100.077	ug/l		98
46) Dibromomethane	9.712	93	155530	101.685	ug/l		99
47) Bromodichloromethane	9.894	83	316375	100.533	ug/l		100
48) Methyl methacrylate	9.682	41	275710	101.288	ug/l		99
49) 1,4-Dioxane	9.706	88	104771	2115.744	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	1843274	517.729	ug/l		99
52) Toluene	10.635	92	578978	100.092	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	359200	102.077	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	383030	101.730	ug/l		99
55) 1,1,2-Trichloroethane	11.017	97	219922	98.808	ug/l		98
56) Ethyl methacrylate	10.882	69	389802	109.955	ug/l		99
57) 1,3-Dichloropropane	11.165	76	382510	99.069	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	1113523	526.621	ug/l		100
59) 2-Hexanone	11.200	43	1301539	567.535	ug/l		99
60) Dibromochloromethane	11.359	129	237965	102.616	ug/l		100
61) 1,2-Dibromoethane	11.470	107	232214	101.787	ug/l		98
64) Tetrachloroethene	11.106	164	181568	98.824	ug/l		94
65) Chlorobenzene	11.894	112	632563	98.793	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	206895	100.521	ug/l		100
67) Ethyl Benzene	11.964	91	1110803	100.717	ug/l		99
68) m/p-Xylenes	12.070	106	854557	202.411	ug/l		99
69) o-Xylene	12.400	106	412719	102.070	ug/l		100
70) Styrene	12.412	104	713548	103.127	ug/l		100
71) Bromoform	12.576	173	165781	108.707	ug/l	#	99
73) Isopropylbenzene	12.694	105	1065297	99.410	ug/l		100
74) N-amyl acetate	12.506	43	403587	113.475	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.941	83	354386	97.616	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	353334m	100.738	ug/l		
77) Bromobenzene	12.982	156	246413	100.266	ug/l		99
78) n-propylbenzene	13.035	91	1301631	99.948	ug/l		100
79) 2-Chlorotoluene	13.123	91	770308	98.630	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	901317	101.873	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	160736	105.820	ug/l		92
82) 4-Chlorotoluene	13.223	91	783657	99.166	ug/l		100
83) tert-Butylbenzene	13.435	119	807528	99.710	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	904794	101.983	ug/l		100
85) sec-Butylbenzene	13.617	105	1182155	100.513	ug/l		99
86) p-Isopropyltoluene	13.729	119	990273	101.857	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	474162	98.063	ug/l		100
88) 1,4-Dichlorobenzene	13.811	146	483003	97.978	ug/l		99
89) n-Butylbenzene	14.053	91	937913	99.598	ug/l		100
90) Hexachloroethane	14.335	117	169772	103.019	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	458049	98.602	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	83243	95.877	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	298870	100.751	ug/l		99
94) Hexachlorobutadiene	15.500	225	112496	101.789	ug/l		98
95) Naphthalene	15.641	128	1129434	102.290	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	294127	99.796	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

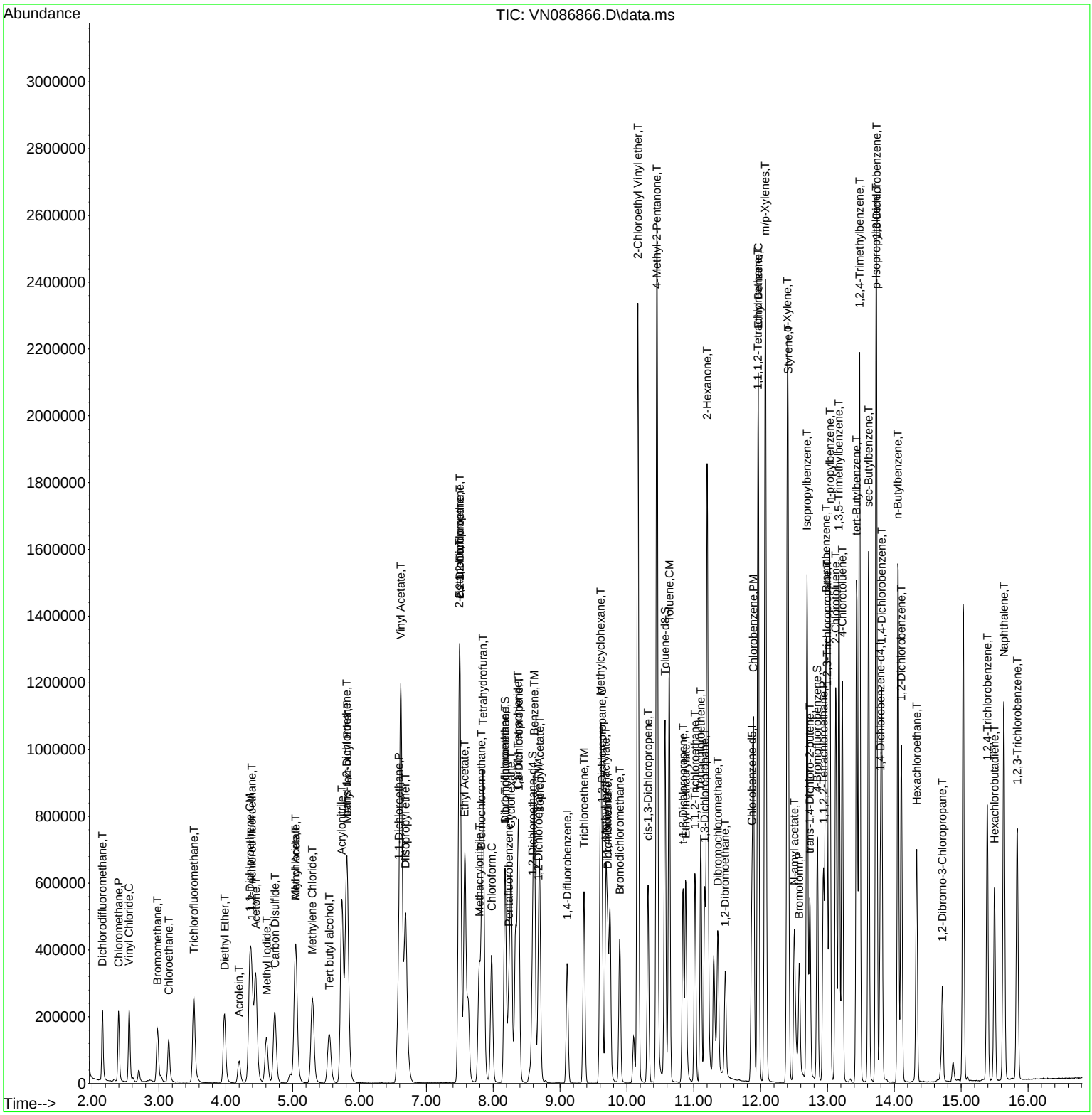
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

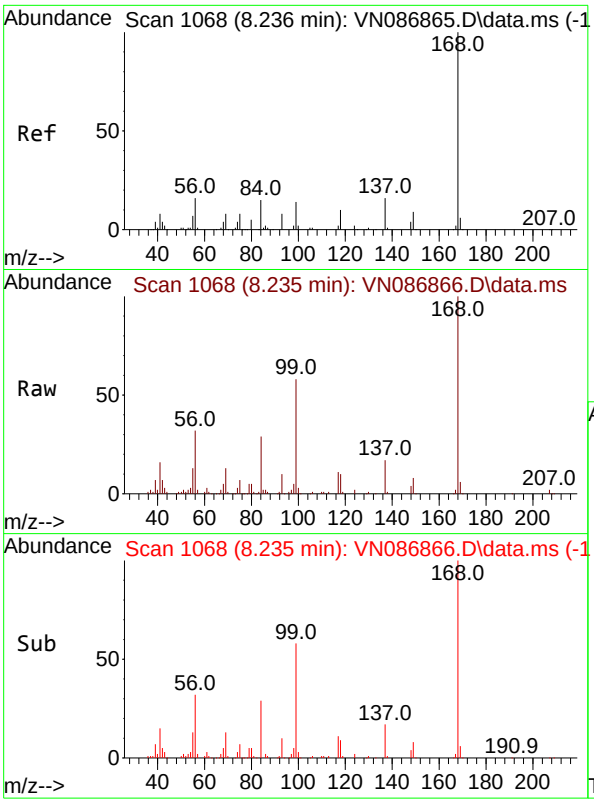
Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

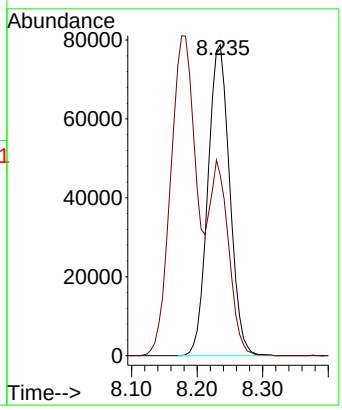




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:168 Resp: 18199

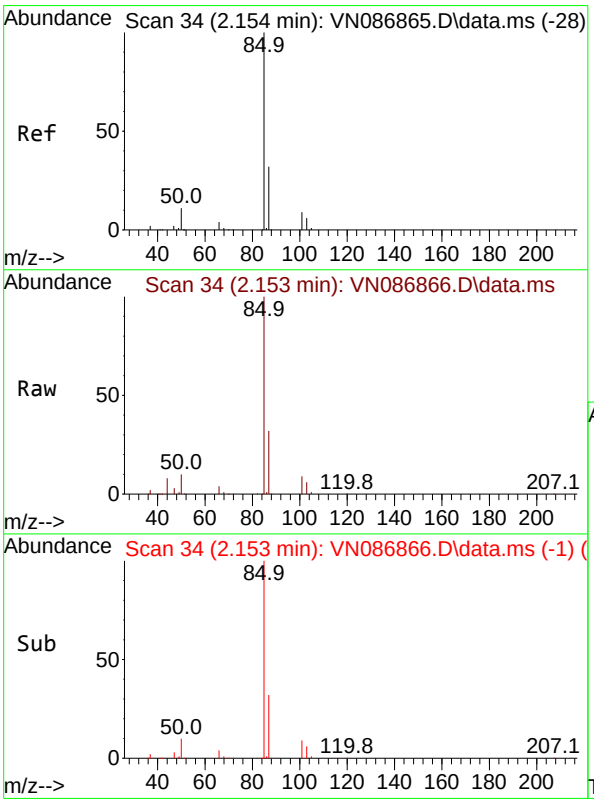
Ion	Ratio	Lower	Upper
168	100		
99	57.9	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

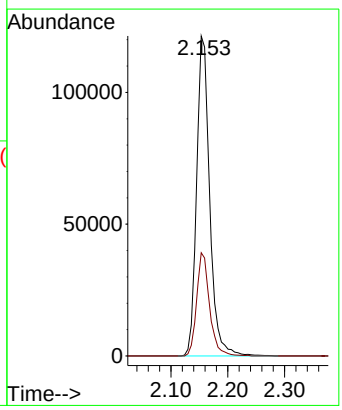
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

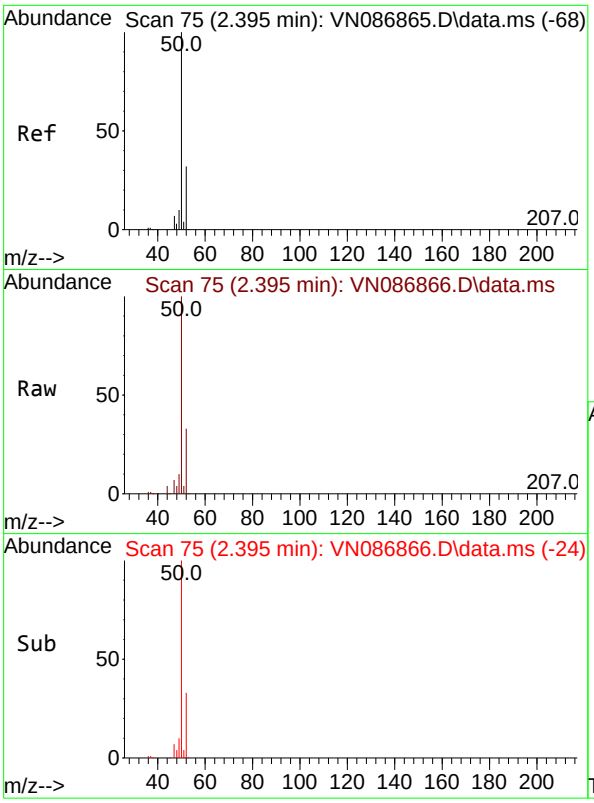


#2
Dichlorodifluoromethane
Concen: 107.350 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 85 Resp: 194799

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.2	48.6

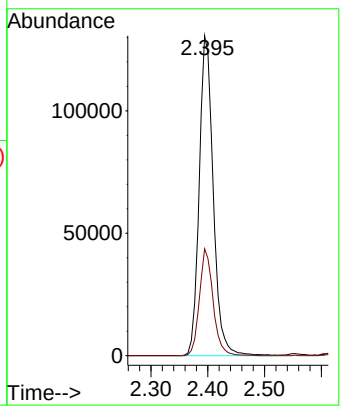




#3
Chloromethane
Concen: 95.833 ug/l
RT: 2.395 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 50 Resp: 22455

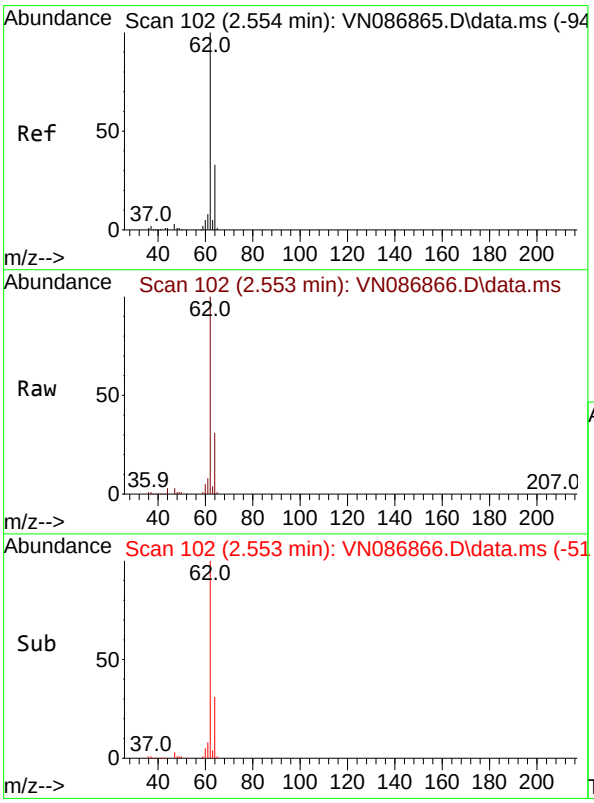
Ion	Ratio	Lower	Upper
50	100		
52	33.4	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

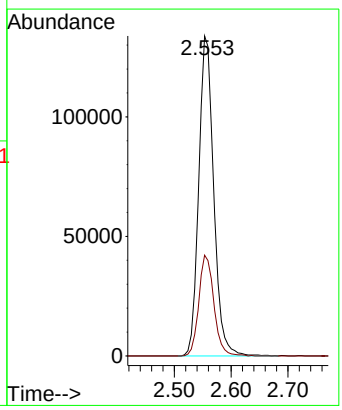
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

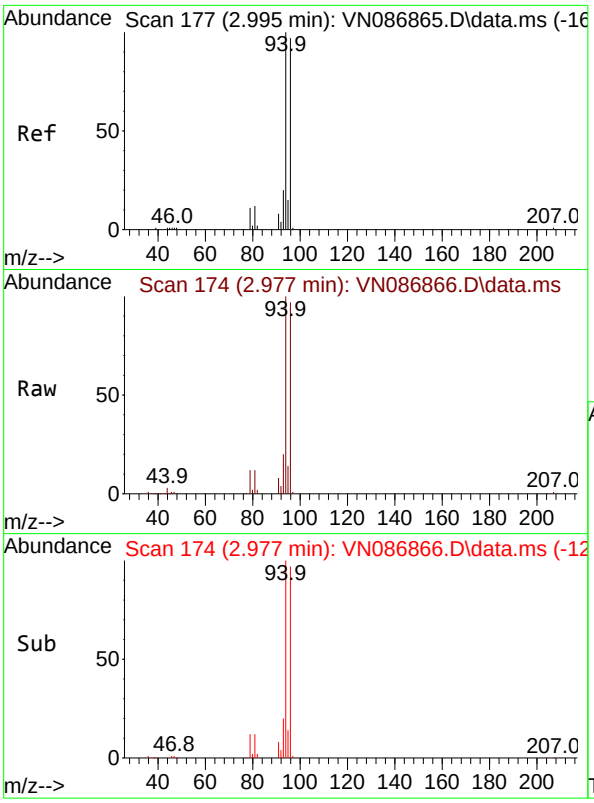


#4
Vinyl Chloride
Concen: 101.414 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 62 Resp: 245135

Ion	Ratio	Lower	Upper
62	100		
64	31.5	26.0	39.0

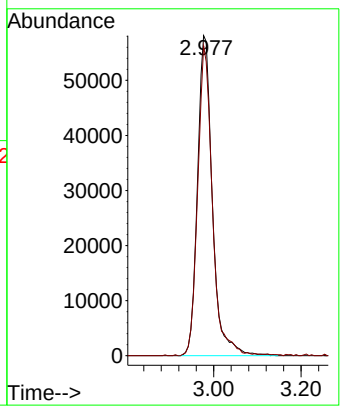




#5
Bromomethane
Concen: 101.996 ug/l
RT: 2.977 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 94 Resp: 13796

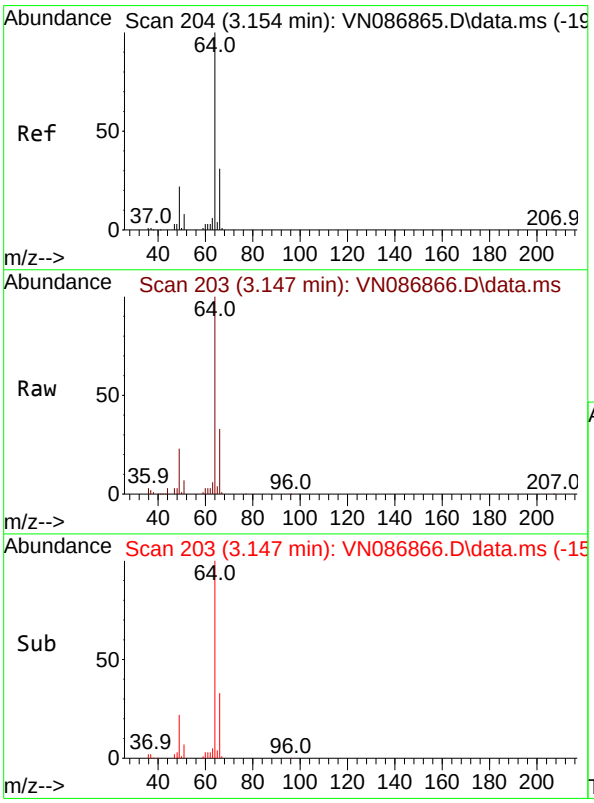
Ion	Ratio	Lower	Upper
94	100		
96	96.8	77.9	116.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

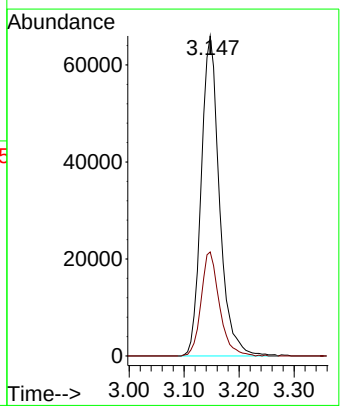
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

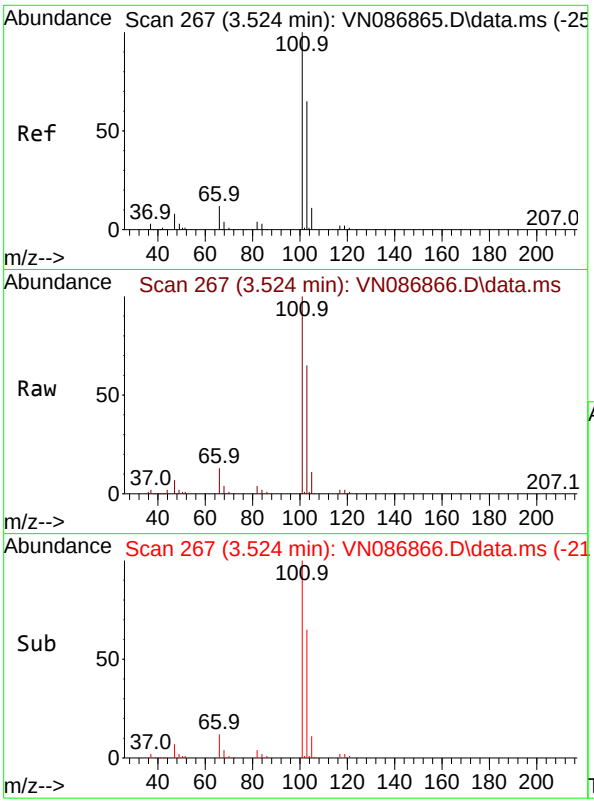


#6
Chloroethane
Concen: 97.447 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 64 Resp: 152150

Ion	Ratio	Lower	Upper
64	100		
66	32.5	24.6	36.8





#7
Trichlorofluoromethane
Concen: 98.917 ug/l
RT: 3.524 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

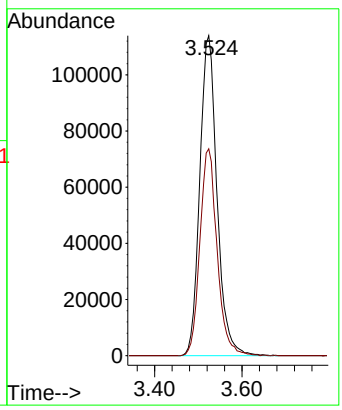
Tgt Ion:101 Resp: 31239

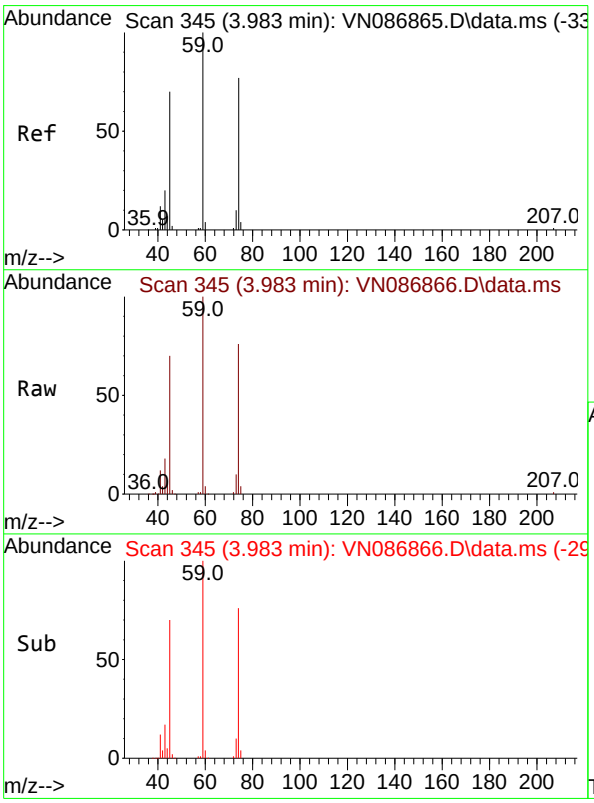
Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

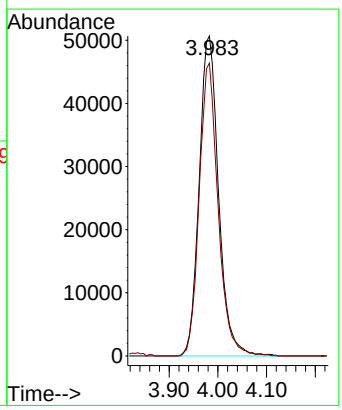


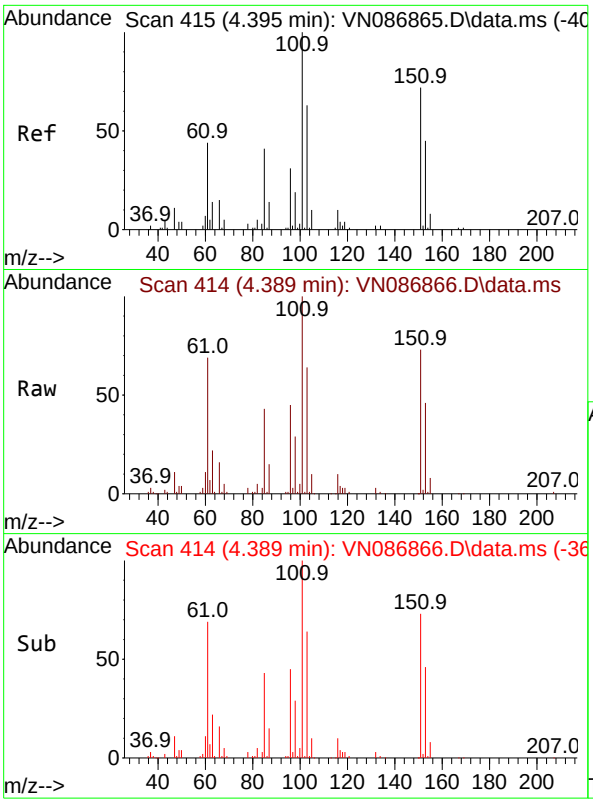


#8
Diethyl Ether
Concen: 101.631 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 74 Resp: 139844

Ion	Ratio	Lower	Upper
74	100		
45	89.5	45.5	136.5

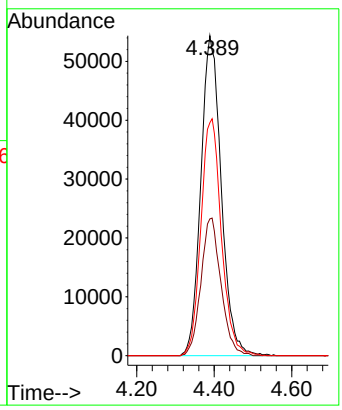




#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.163 ug/l
RT: 4.389 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:101 Resp: 19873

Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.8	50.8
151	74.2	58.7	88.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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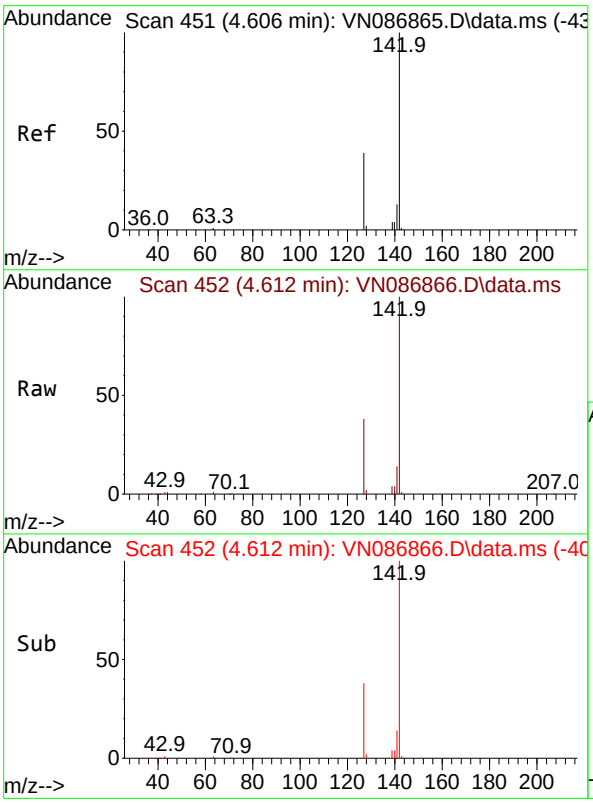
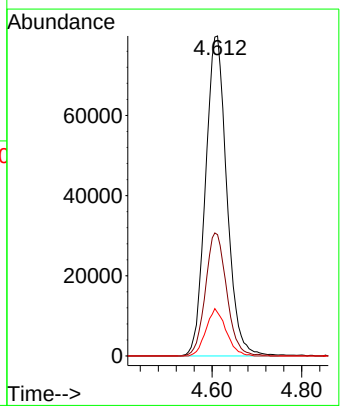
Supervised By :Mahesh Dadoda 06/09/2025

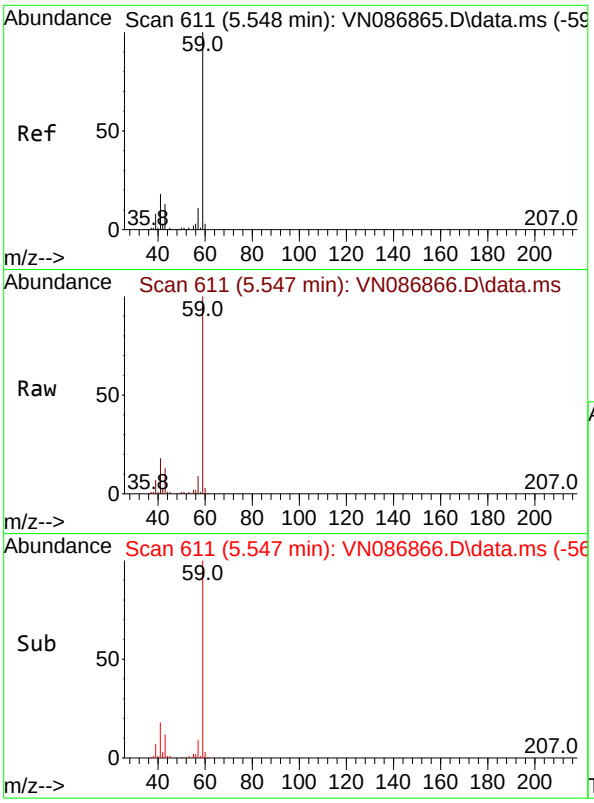


#10
Methyl Iodide
Concen: 102.162 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:142 Resp: 262771

Ion	Ratio	Lower	Upper
142	100		
127	37.9	30.9	46.3
141	13.6	10.4	15.6

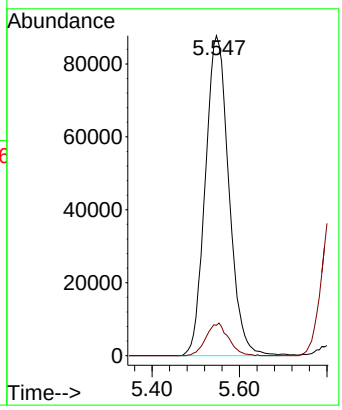




#11
Tert butyl alcohol
Concen: 496.062 ug/l
RT: 5.547 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 59 Resp: 32798

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.1	12.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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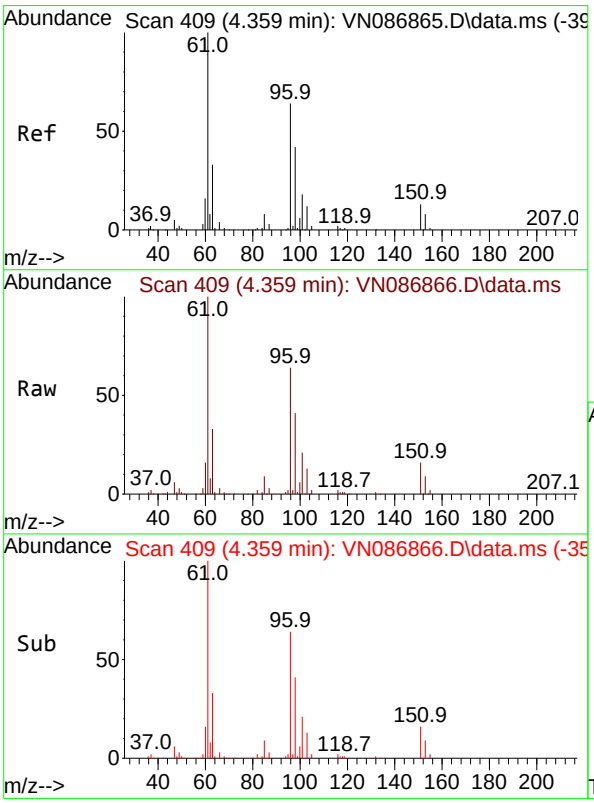
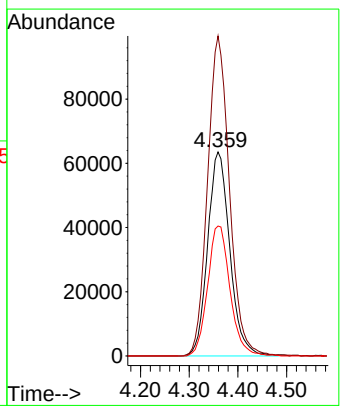
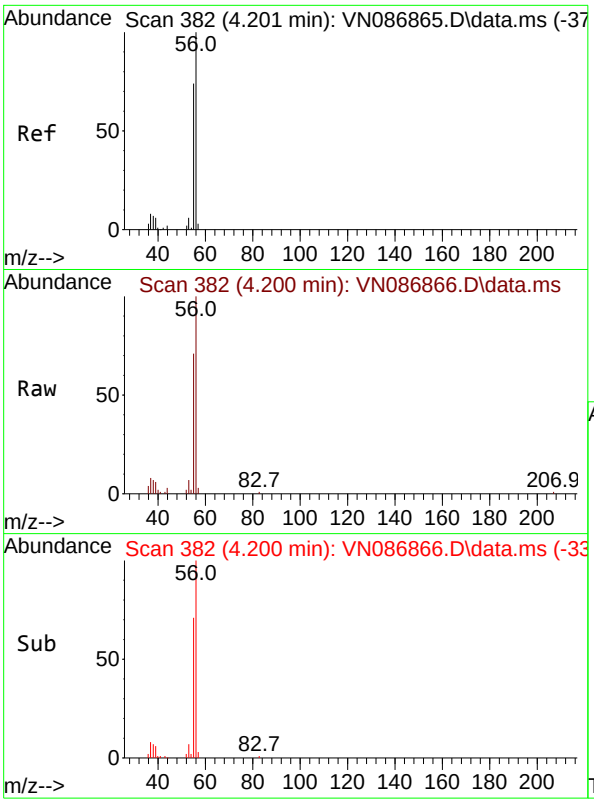


#12
1,1-Dichloroethene
Concen: 98.838 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 96 Resp: 200212

Ion	Ratio	Lower	Upper
96	100		
61	156.9	125.8	188.6
98	63.7	52.5	78.7

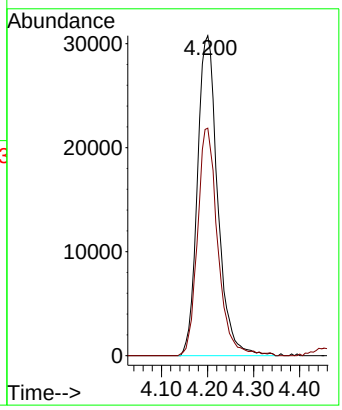




#13
Acrolein
Concen: 449.961 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 56 Resp: 9417

Ion	Ratio	Lower	Upper
56	100		
55	70.9	55.6	83.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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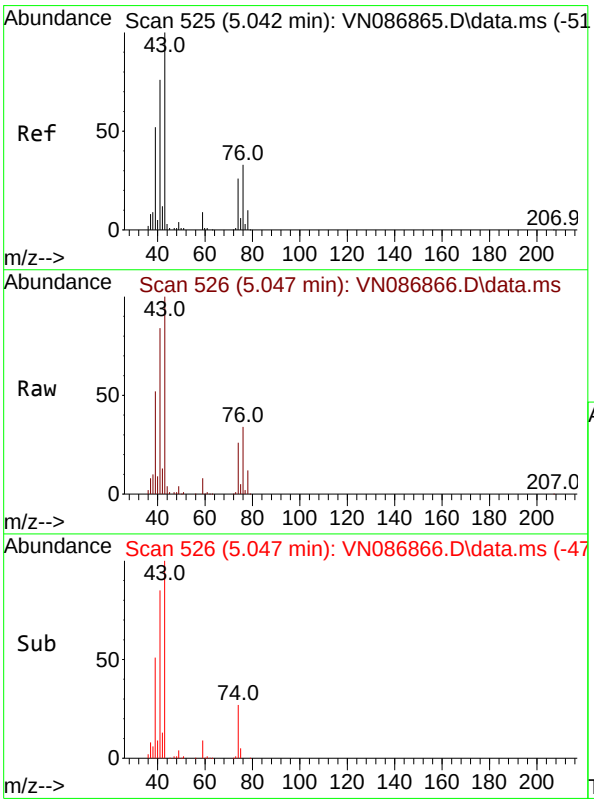
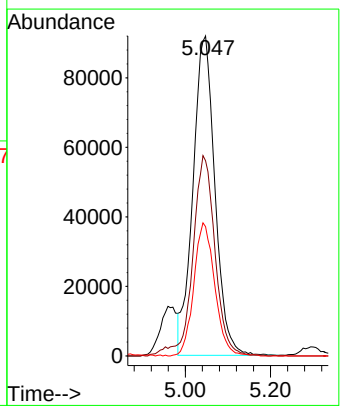
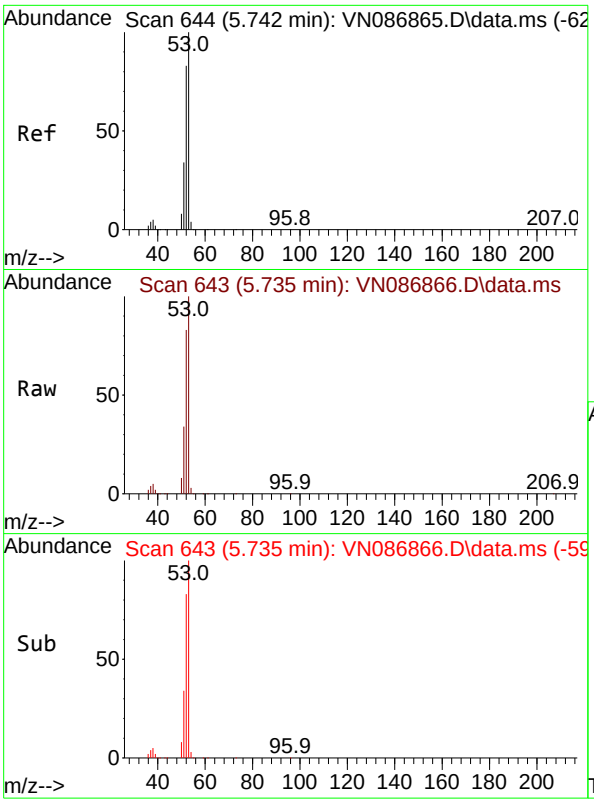


#14
Allyl chloride
Concen: 98.055 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 41 Resp: 329412

Ion	Ratio	Lower	Upper
41	100		
39	63.7	51.3	76.9
76	39.7	31.4	47.0

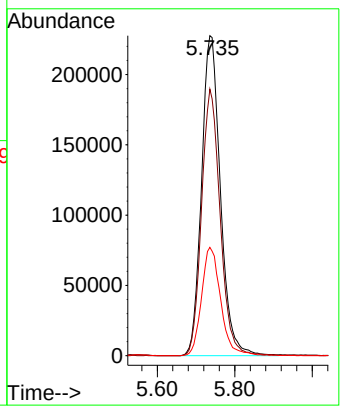




#15
Acrylonitrile
Concen: 498.552 ug/l
RT: 5.735 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 53 Resp: 77047

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.0	97.6
51	34.4	27.2	40.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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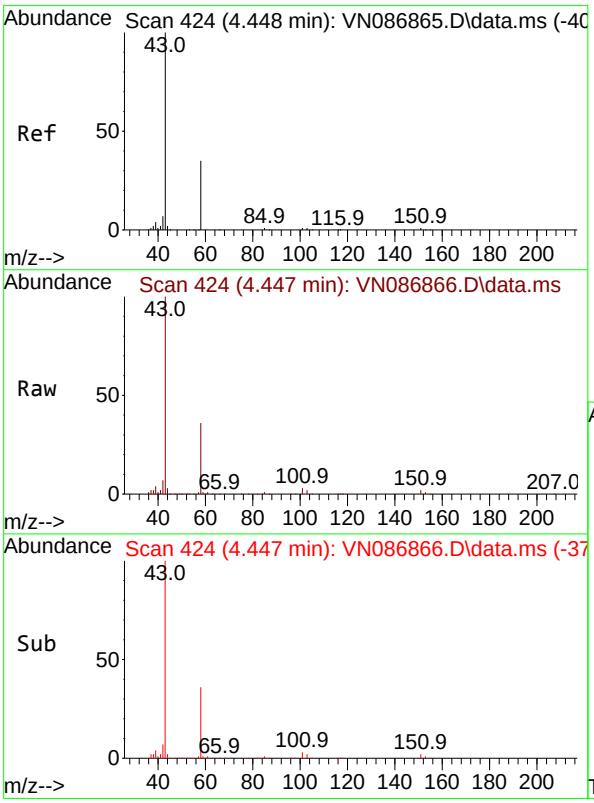
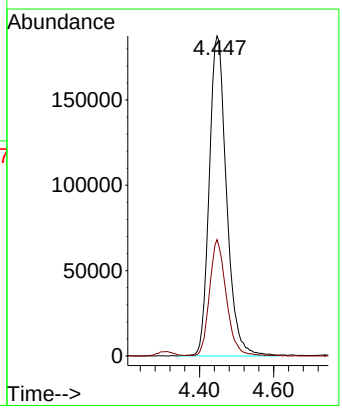
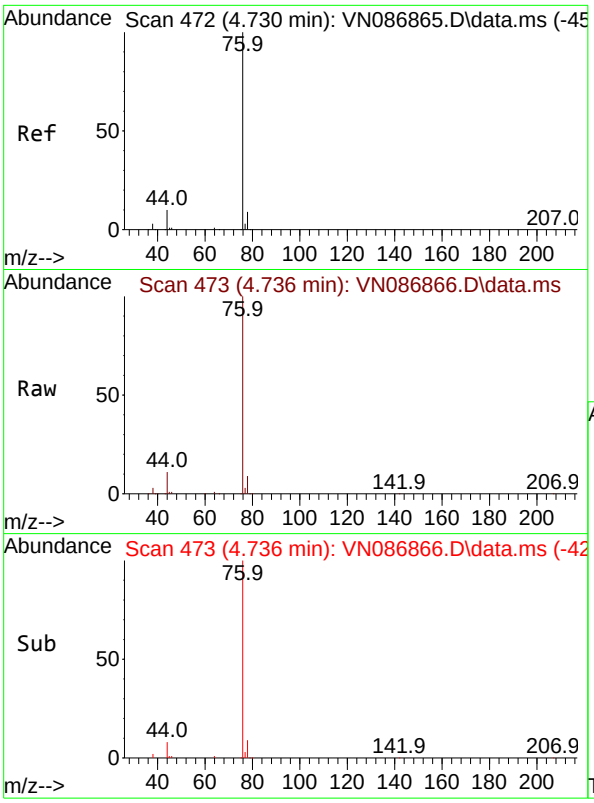


#16
Acetone
Concen: 470.648 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 608178

Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.0	42.0

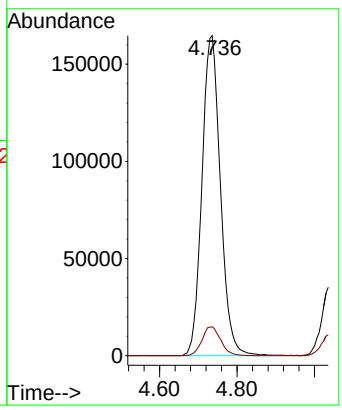




#17
Carbon Disulfide
Concen: 97.179 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 76 Resp: 54451

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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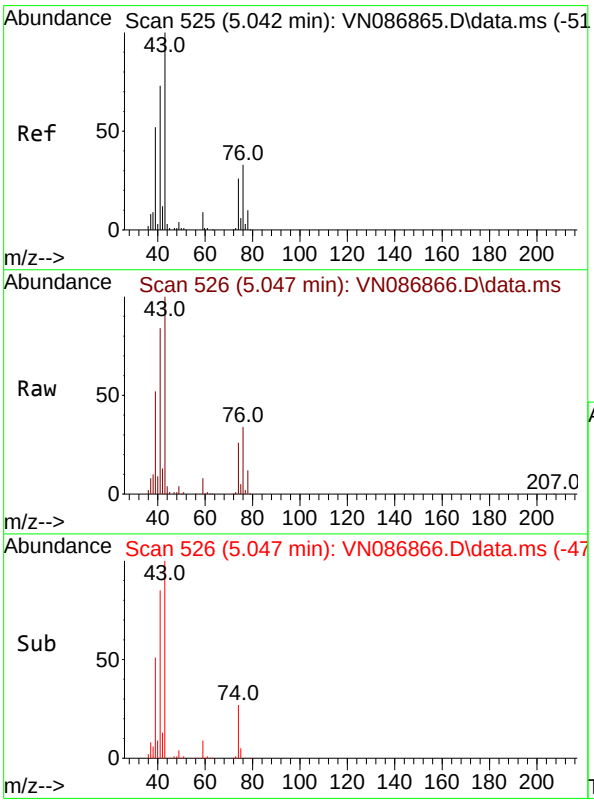
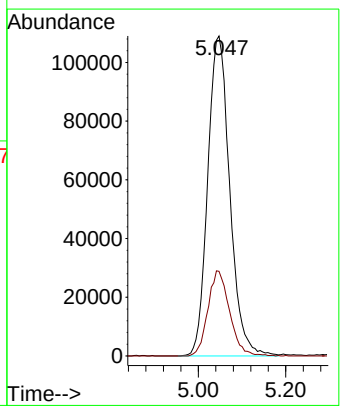
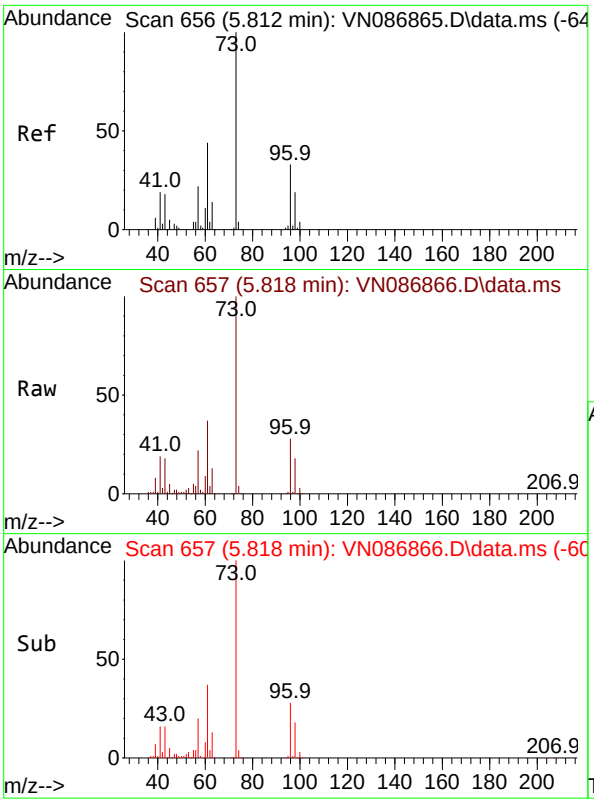


#18
Methyl Acetate
Concen: 101.390 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 381808

Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.7	31.1

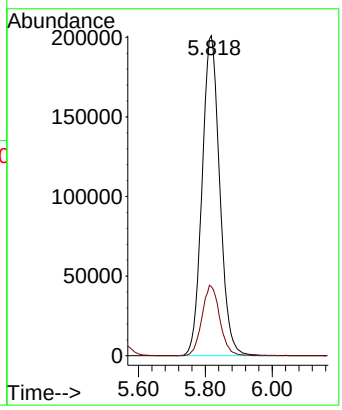




#19
Methyl tert-butyl Ether
Concen: 100.306 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 73 Resp: 73569

Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.4	26.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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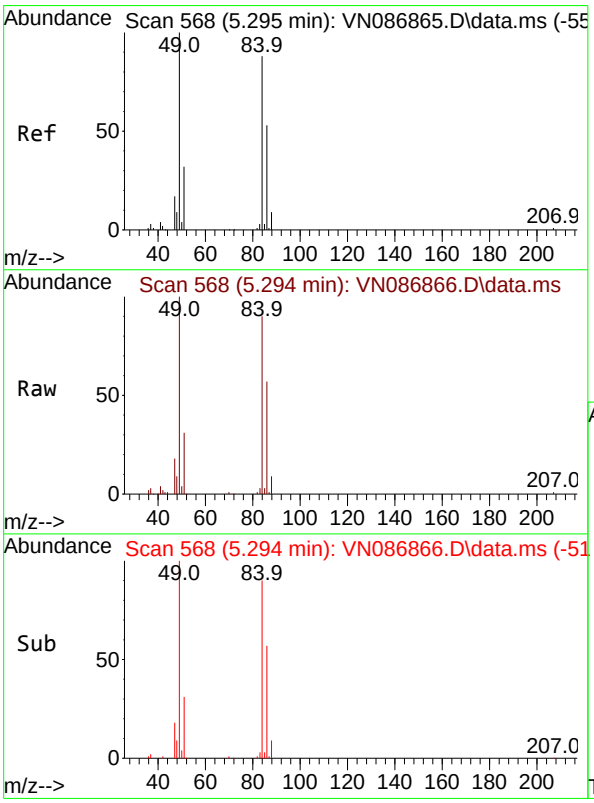
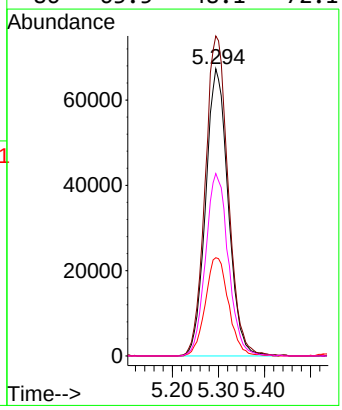
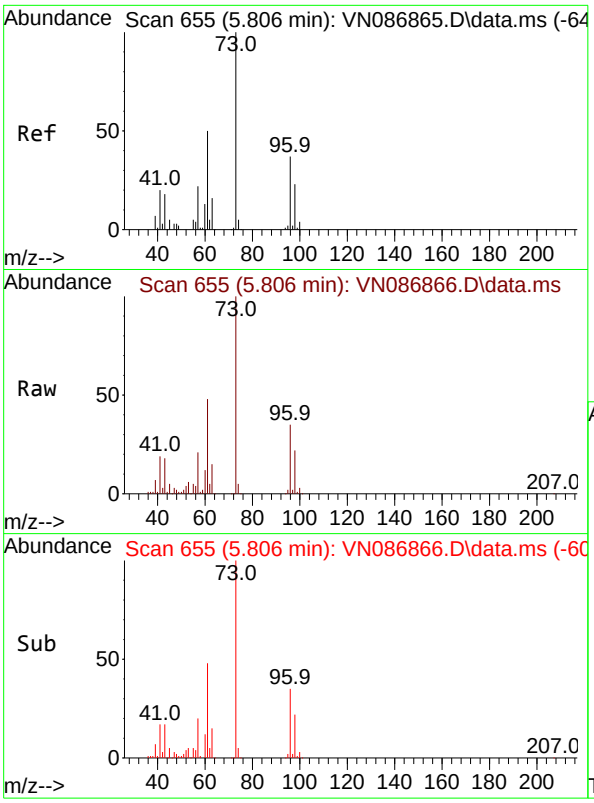


#20
Methylene Chloride
Concen: 94.575 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 84 Resp: 228800

Ion	Ratio	Lower	Upper
84	100		
49	111.4	90.5	135.7
51	34.2	28.5	42.7
86	63.5	48.1	72.1

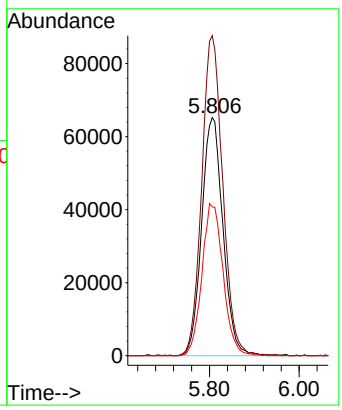




#21
trans-1,2-Dichloroethene
Concen: 95.476 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 96 Resp: 21517

Ion	Ratio	Lower	Upper
96	100		
61	134.4	109.2	163.8
98	62.5	49.8	74.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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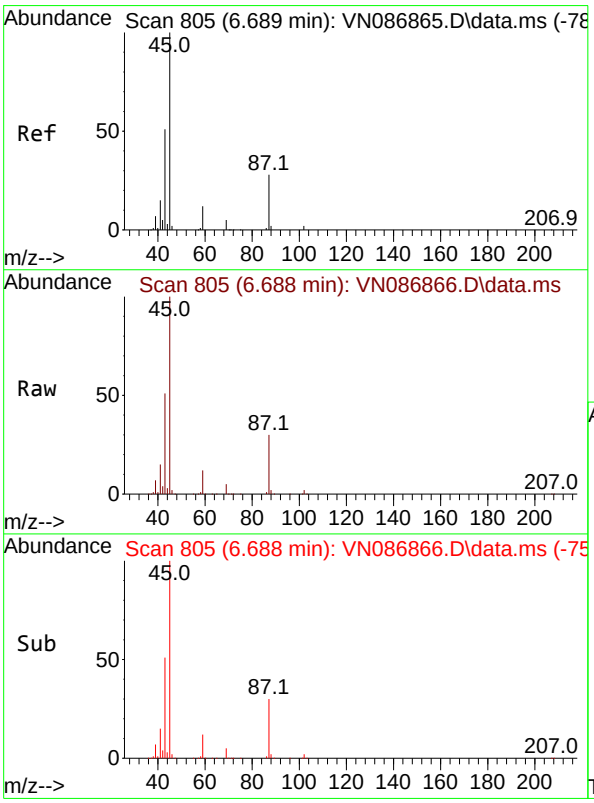
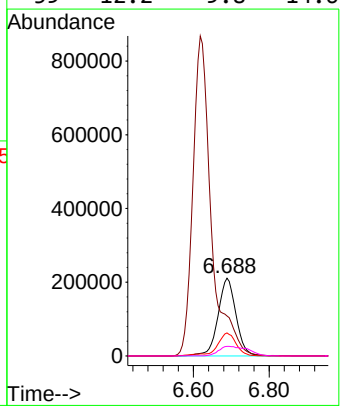
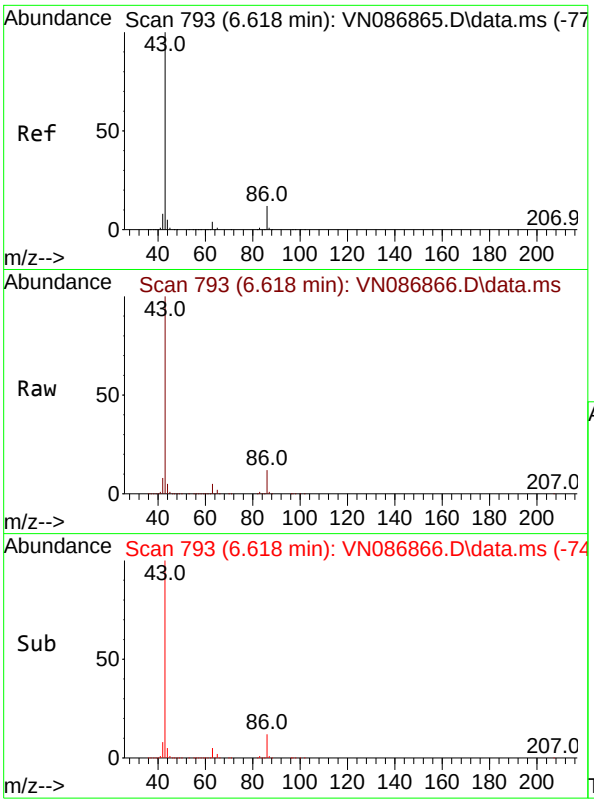


#22
Diisopropyl ether
Concen: 98.409 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 45 Resp: 696881

Ion	Ratio	Lower	Upper
45	100		
43	51.1	41.9	62.9
87	29.6	22.4	33.6
59	12.2	9.8	14.6





#23
Vinyl Acetate
Concen: 487.936 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 291935

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.5	14.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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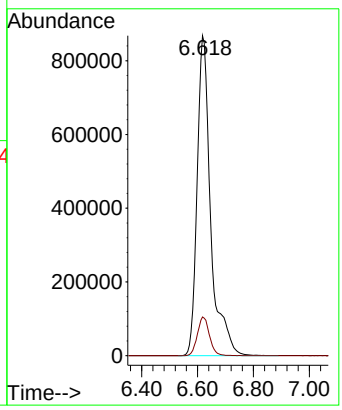
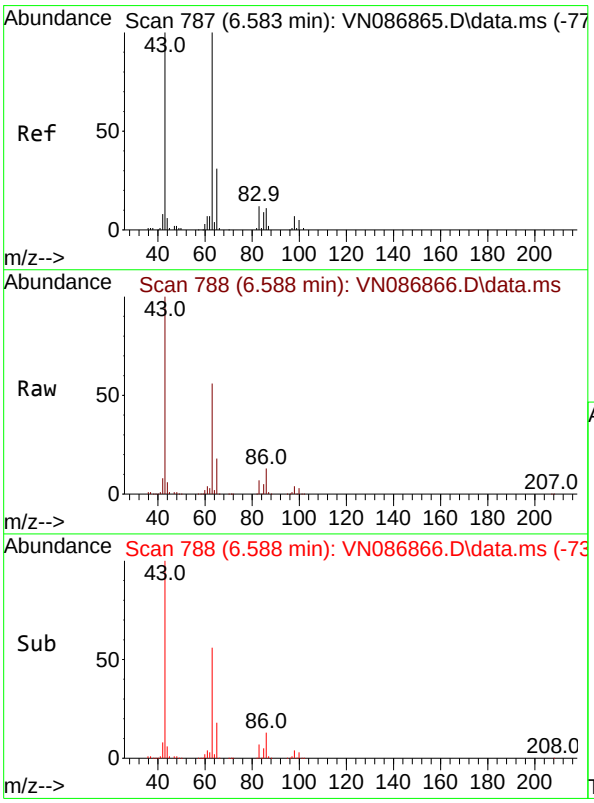
Supervised By :Mahesh Dadoda 06/09/2025

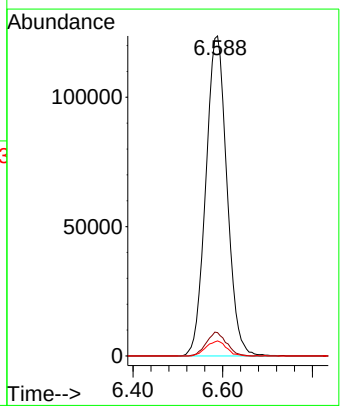


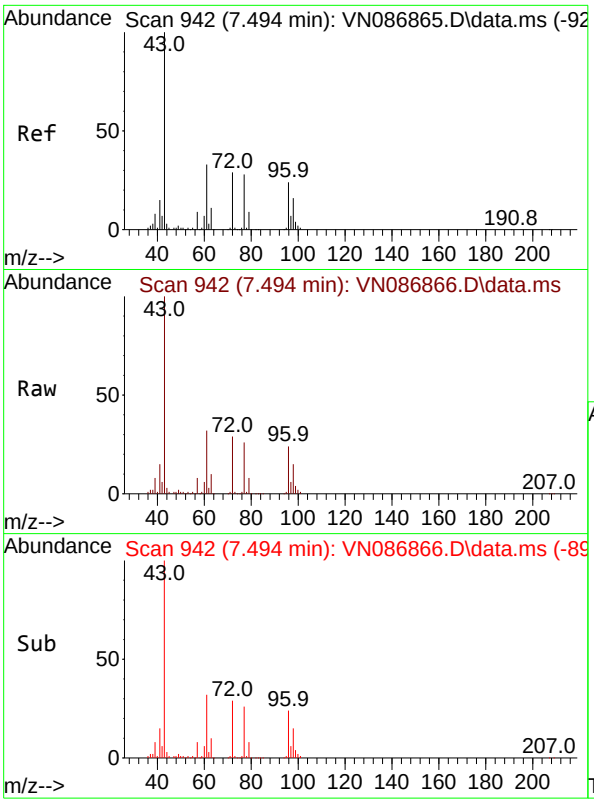


#24
1,1-Dichloroethane
Concen: 99.186 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 63 Resp: 404207

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	4.7	2.6	7.8





#25
2-Butanone
Concen: 496.743 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 104338

Ion	Ratio	Lower	Upper
43	100		
72	28.5	23.0	34.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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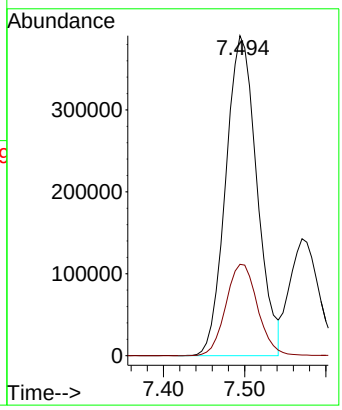
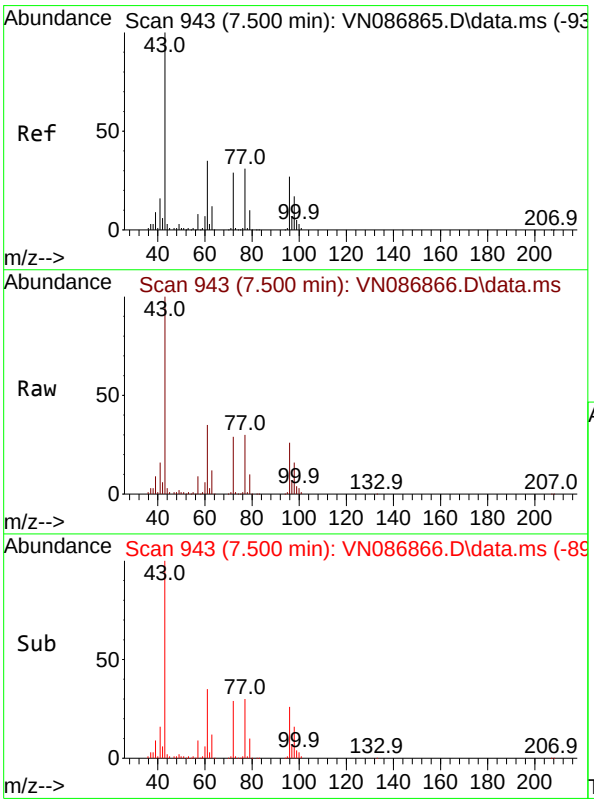
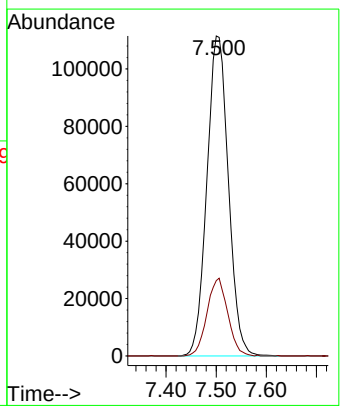


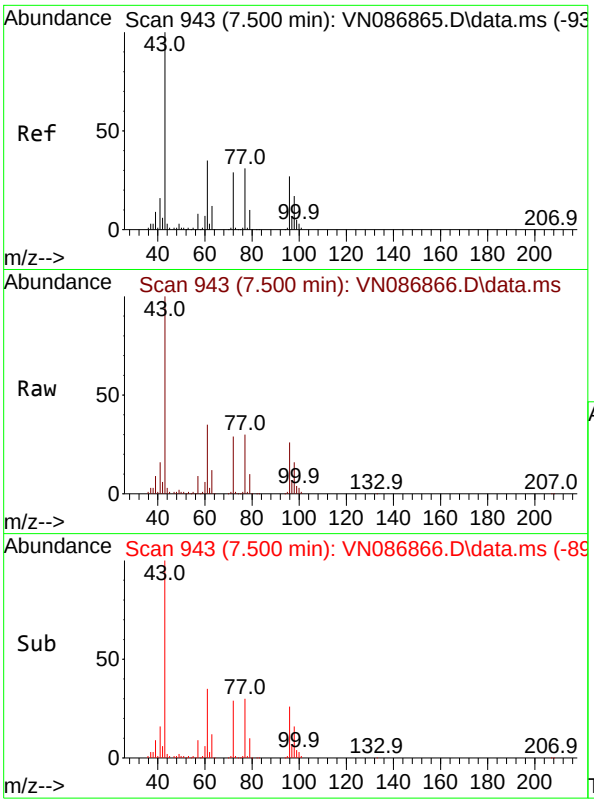


#26
2,2-Dichloropropane
Concen: 104.729 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 77 Resp: 331995

Ion	Ratio	Lower	Upper
77	100		
97	23.4	11.6	34.7

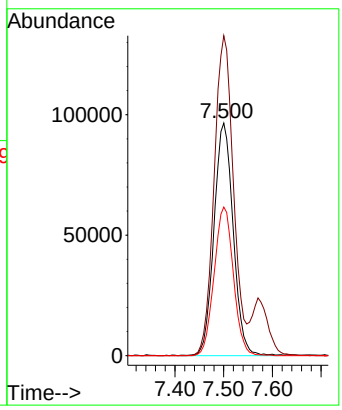




#27
cis-1,2-Dichloroethene
Concen: 98.410 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 96 Resp: 26524

Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	278.0
98	64.0	0.0	128.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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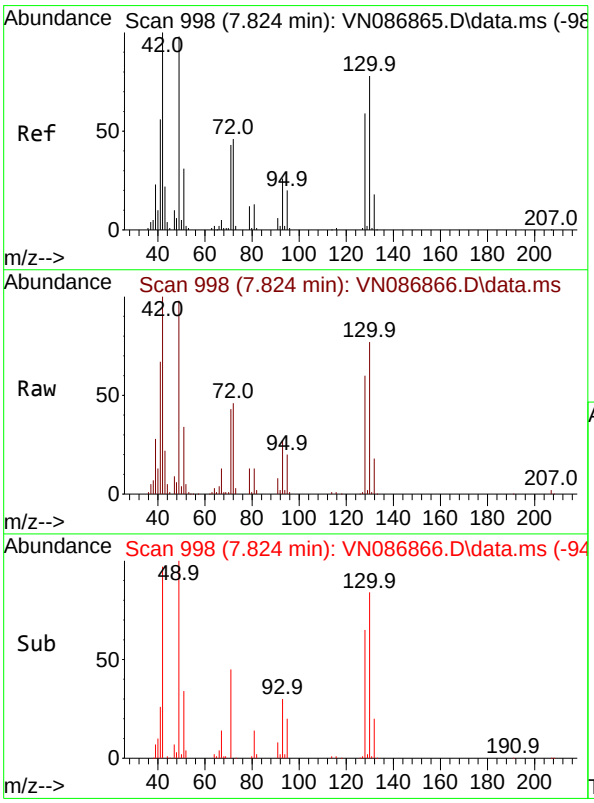
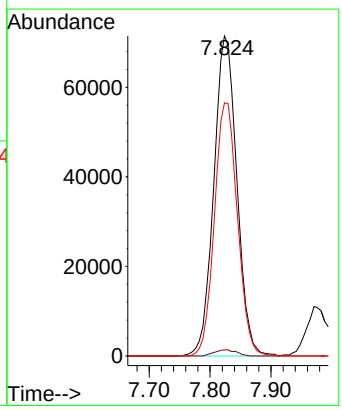
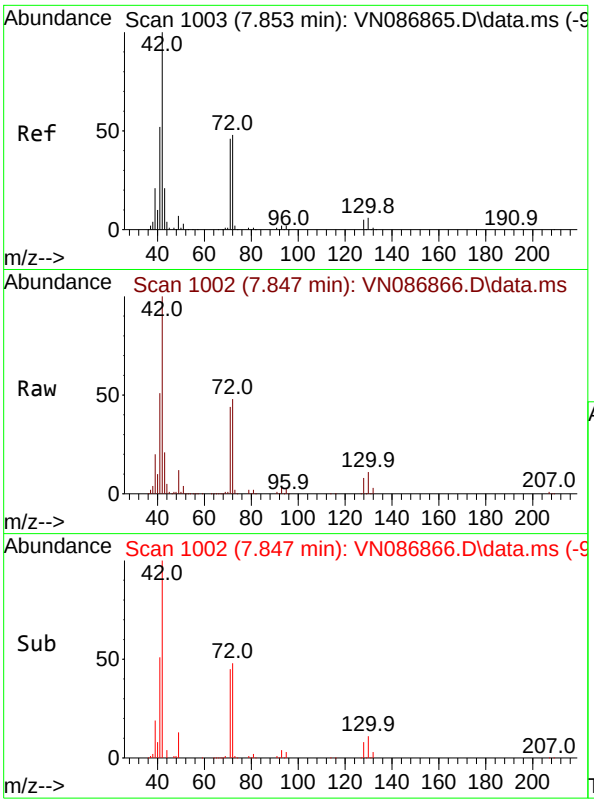


#28
Bromochloromethane
Concen: 93.851 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 49 Resp: 188050

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	78.9	62.2	93.2

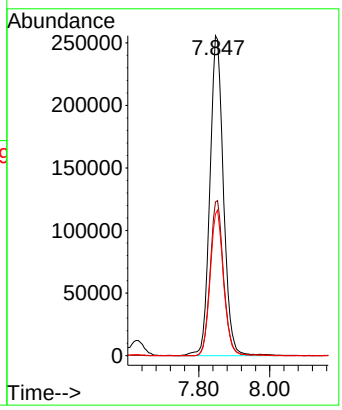




#29
Tetrahydrofuran
Concen: 495.240 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 42 Resp: 67763

Ion	Ratio	Lower	Upper
42	100		
72	47.9	37.8	56.6
71	44.8	35.6	53.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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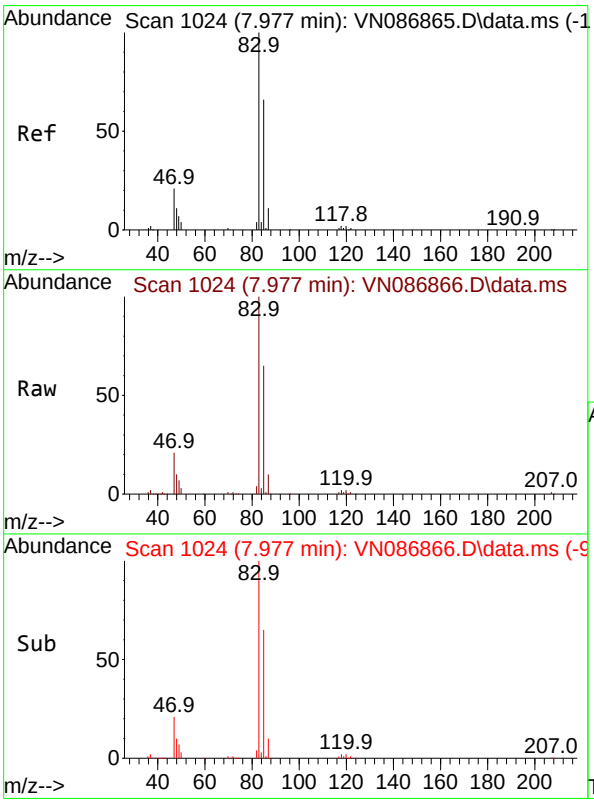
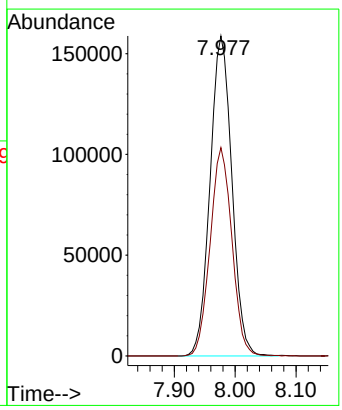
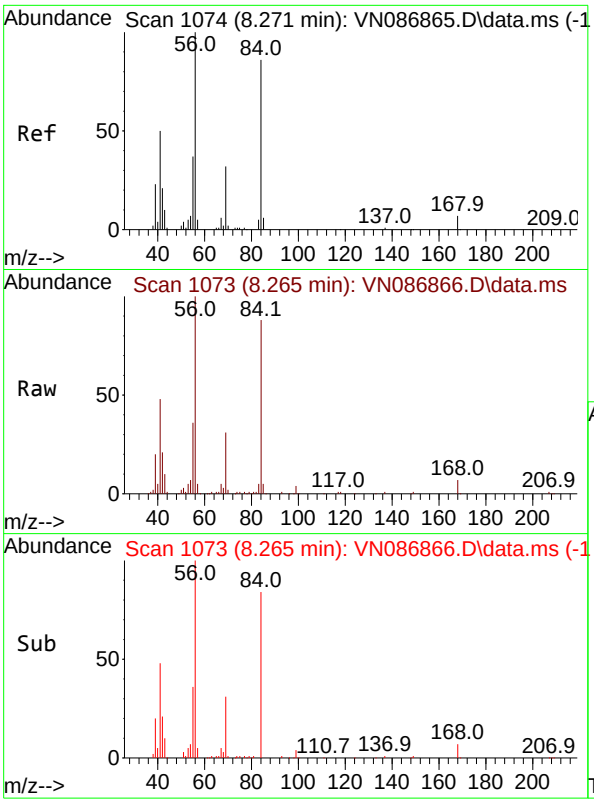


#30
Chloroform
Concen: 97.040 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 83 Resp: 394927

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.9	79.3

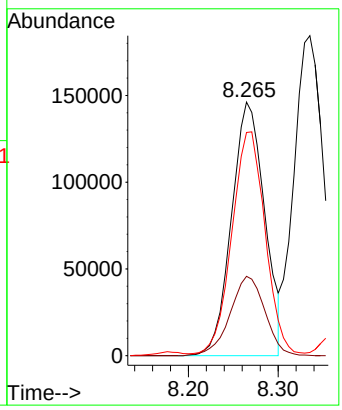




#31
Cyclohexane
Concen: 94.869 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 56 Resp: 37493

Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.4	38.0
84	86.8	68.8	103.2



Instrument :
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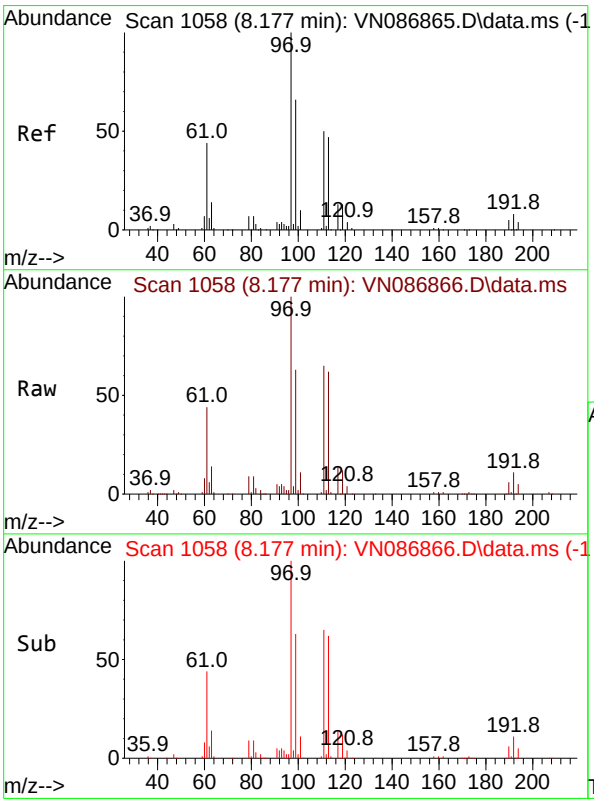
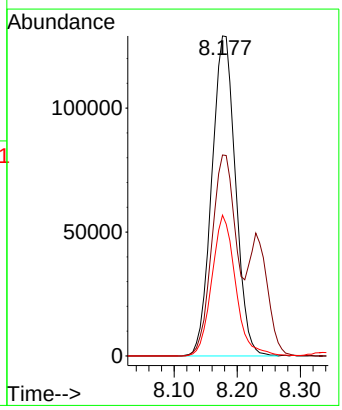
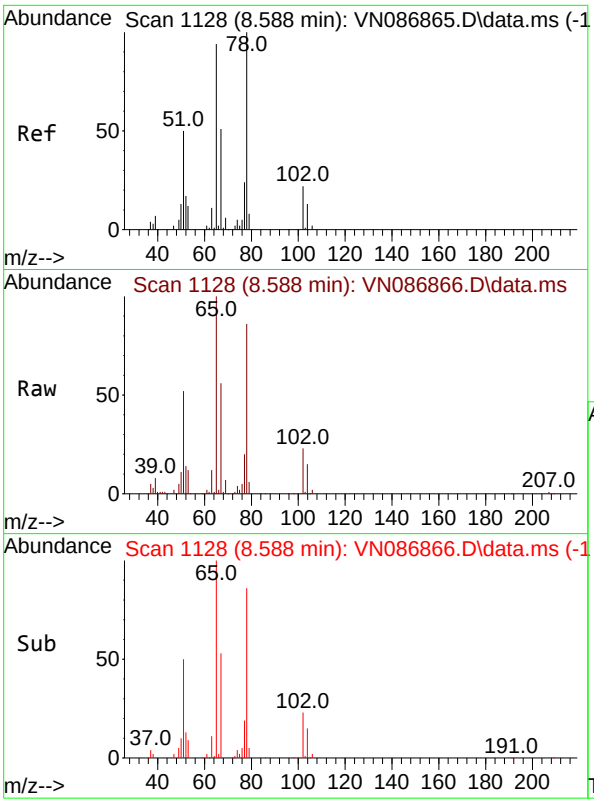


#32
1,1,1-Trichloroethane
Concen: 97.306 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 97 Resp: 336819

Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.0	78.0
61	44.2	35.9	53.9

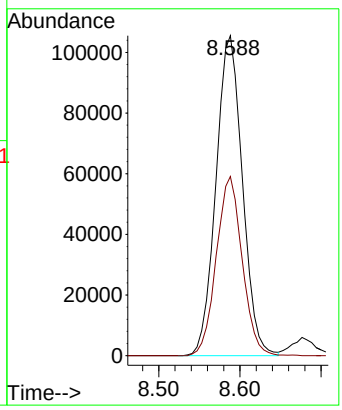




#33
1,2-Dichloroethane-d4
Concen: 98.065 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 65 Resp: 23895

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	105.6



Instrument :
MSVOA_N
ClientSampleId :
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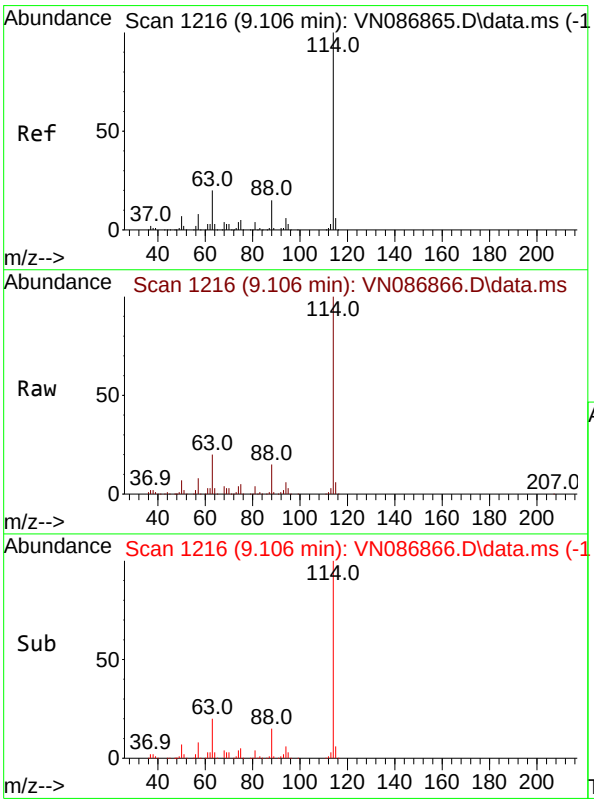
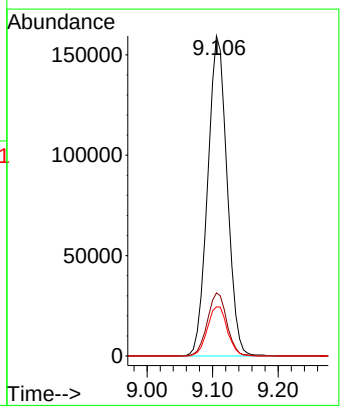
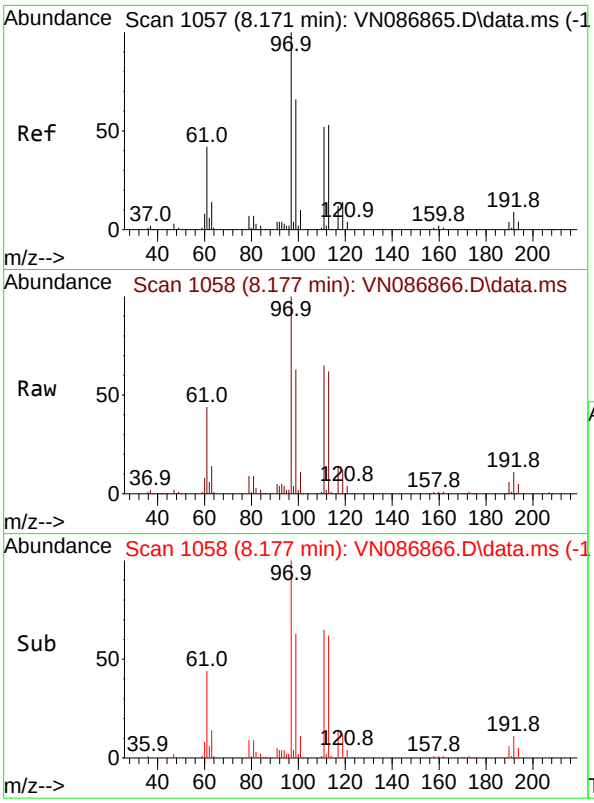


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:114 Resp: 327782

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.4	0.0	30.2

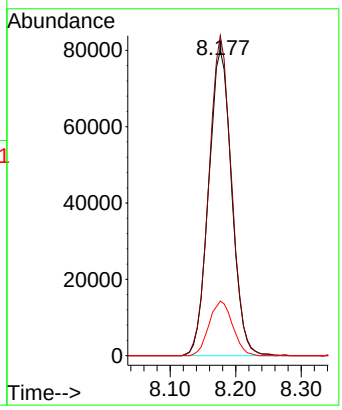




#35
Dibromofluoromethane
Concen: 100.495 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:113 Resp: 19521

Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.2	126.2
192	18.2	14.2	21.4



Instrument :
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ClientSampleId :
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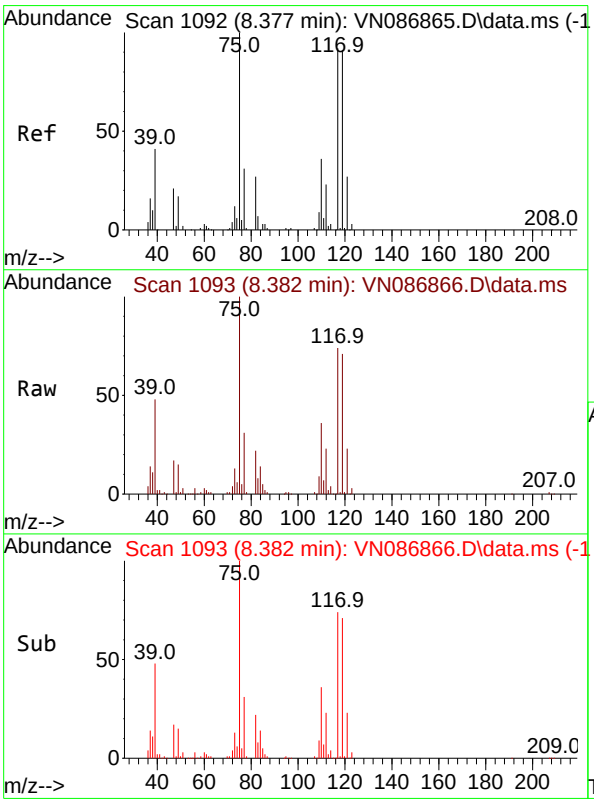
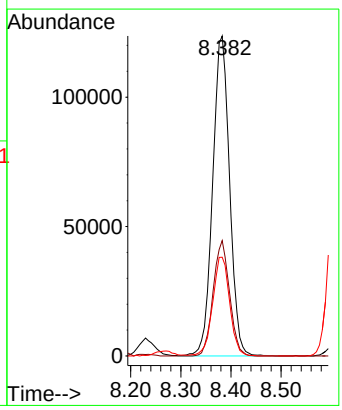
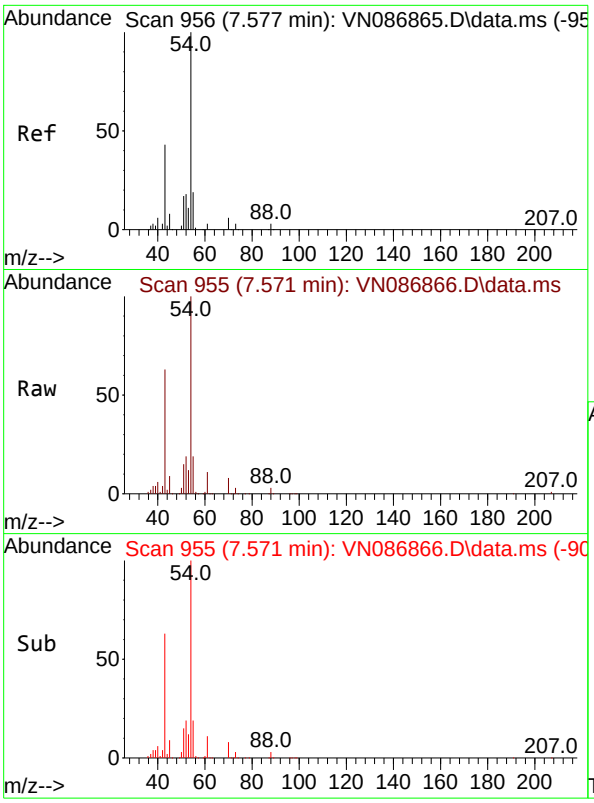


#36
1,1-Dichloropropene
Concen: 100.156 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 289907

Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.6	52.9
77	31.1	25.3	37.9

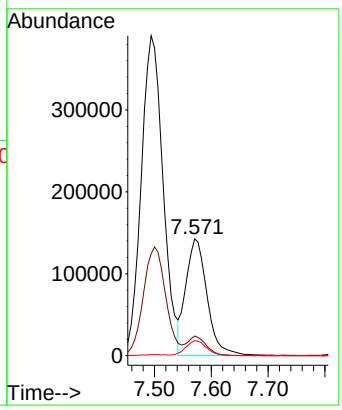




#37
Ethyl Acetate
Concen: 100.591 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 37065

Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.1	18.1
70	12.6	9.8	14.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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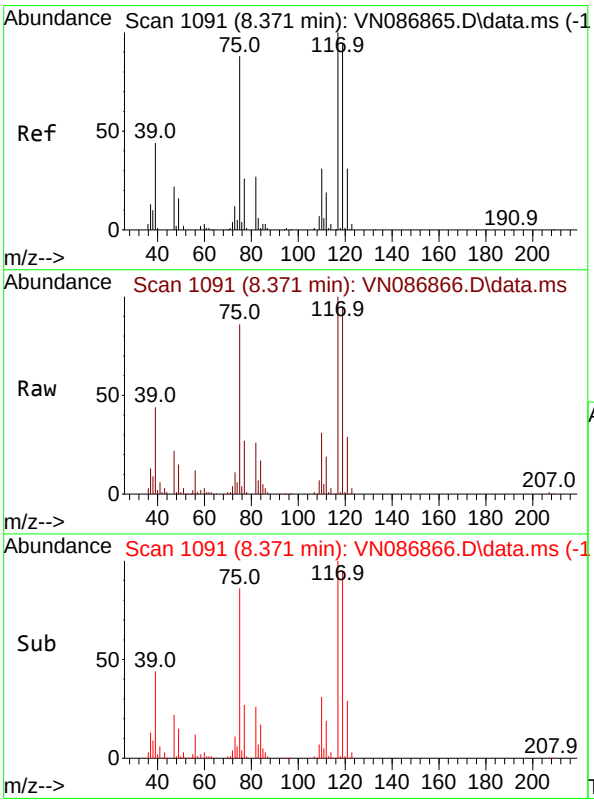
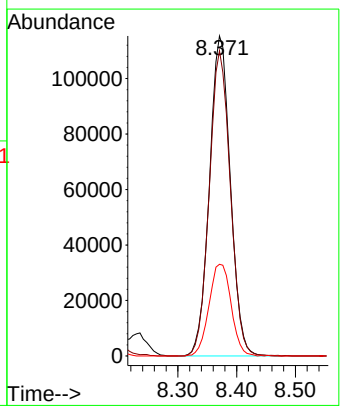
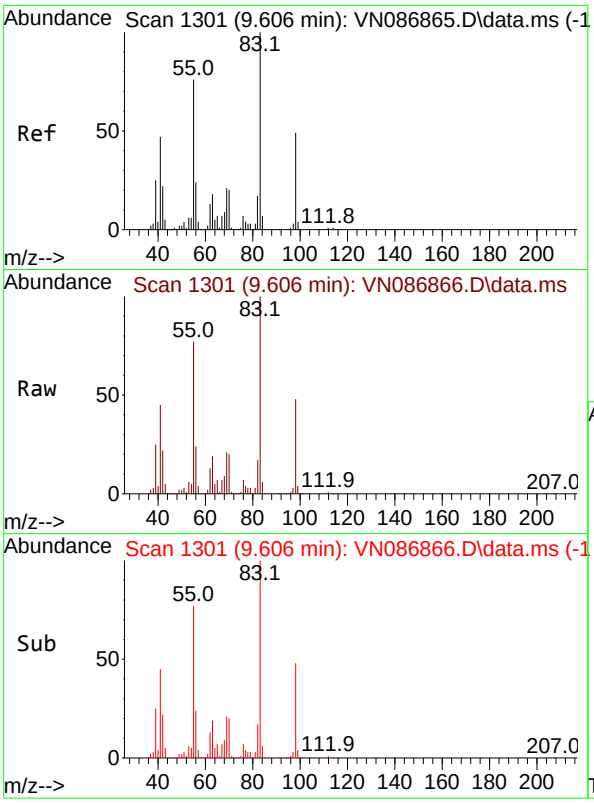


#38
Carbon Tetrachloride
Concen: 100.404 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:117 Resp: 285325

Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.0	112.6
121	28.6	24.9	37.3

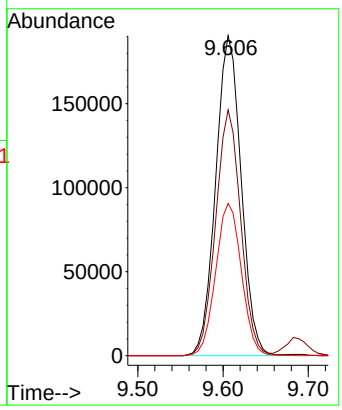




#39
Methylcyclohexane
Concen: 99.758 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 83 Resp: 39560

Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.0	91.6
98	47.6	38.9	58.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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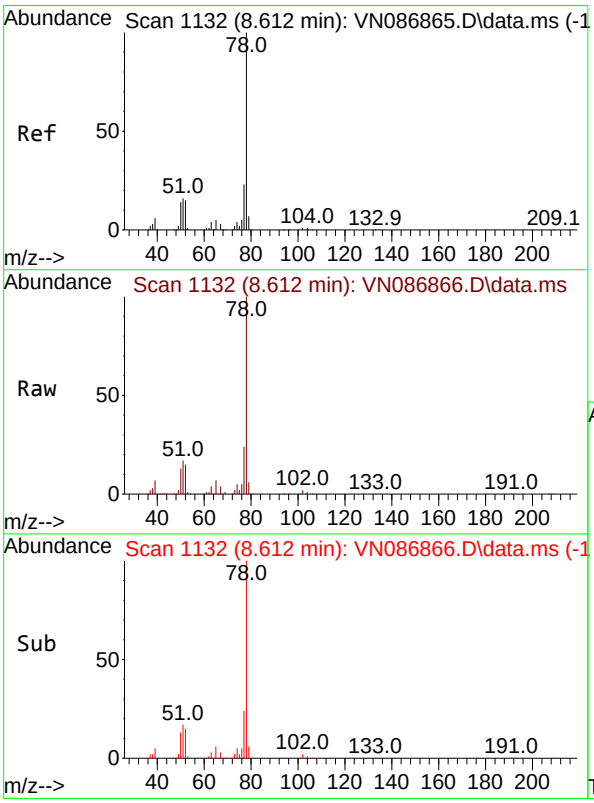
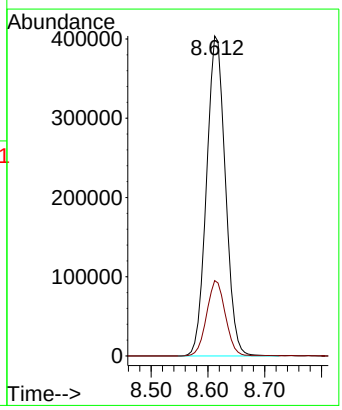
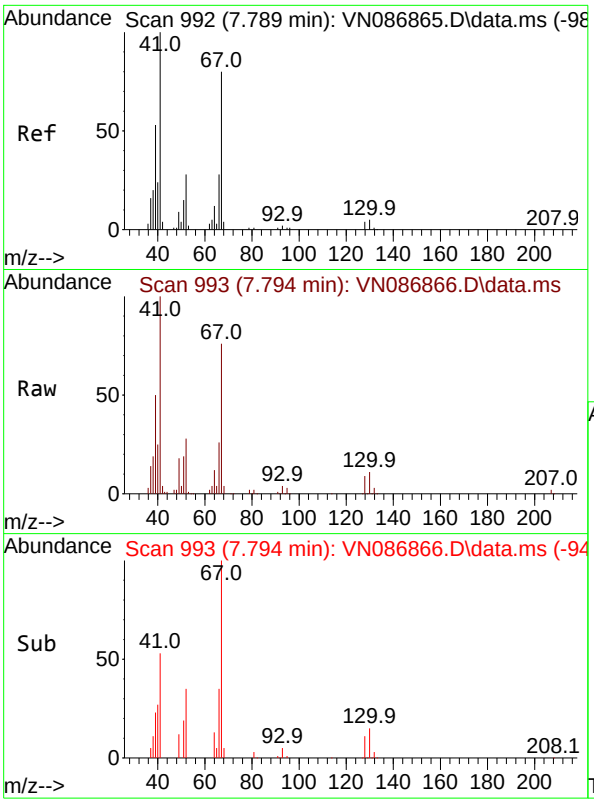


#40
Benzene
Concen: 97.946 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 78 Resp: 927083

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1

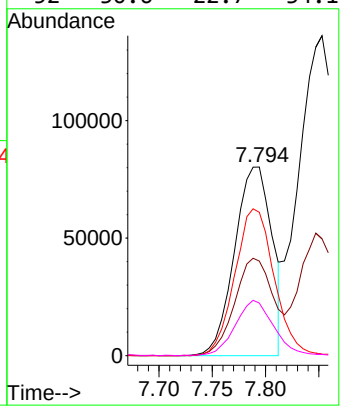




#41
Methacrylonitrile
Concen: 94.688 ug/l
RT: 7.794 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 41 Resp: 19594

Ion	Ratio	Lower	Upper
41	100		
39	54.3	41.2	61.8
67	82.5	61.4	92.2
52	30.6	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
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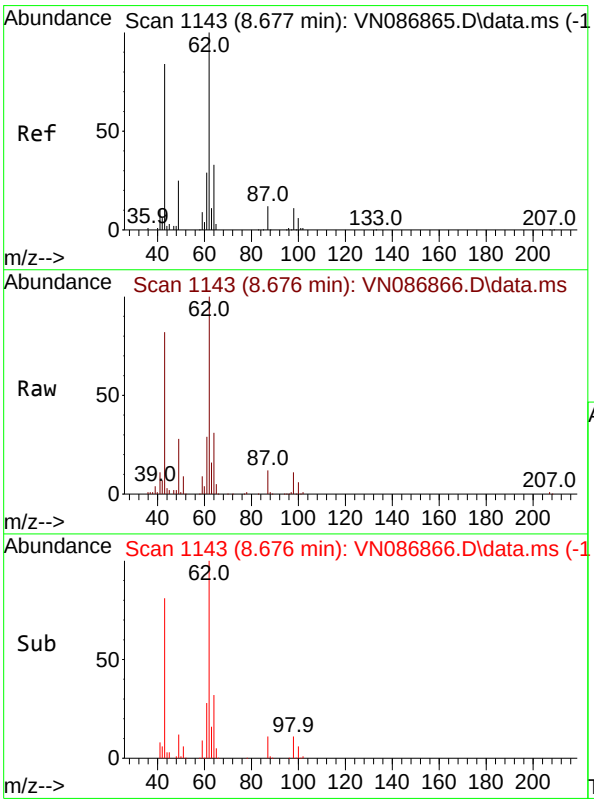
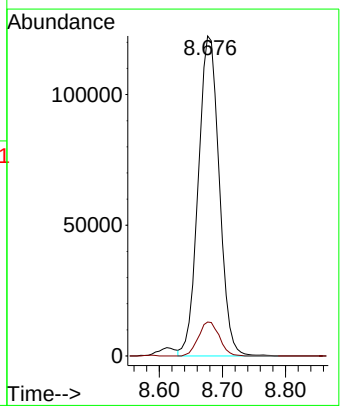
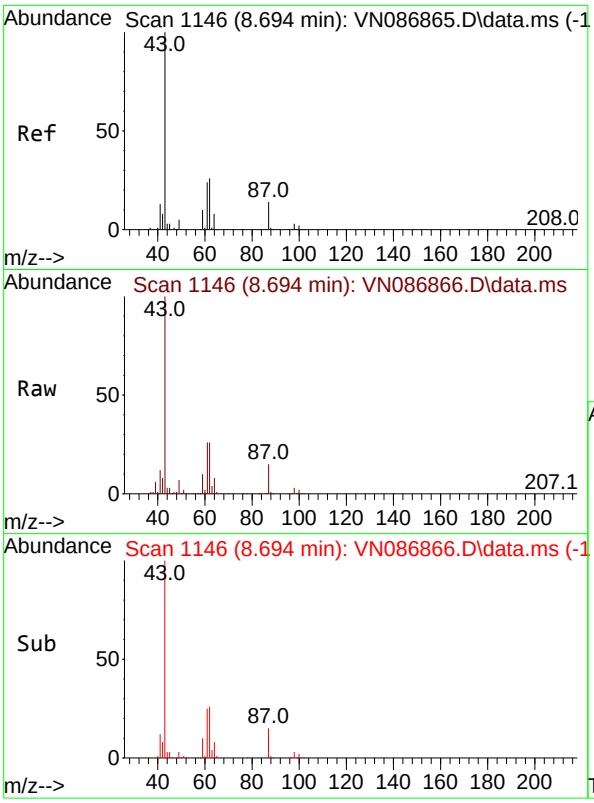


#42
1,2-Dichloroethane
Concen: 98.232 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 62 Resp: 282015

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2





#43
Isopropyl Acetate
Concen: 97.981 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 57946

Ion	Ratio	Lower	Upper
43	100		
61	28.1	22.1	33.1
87	15.0	11.8	17.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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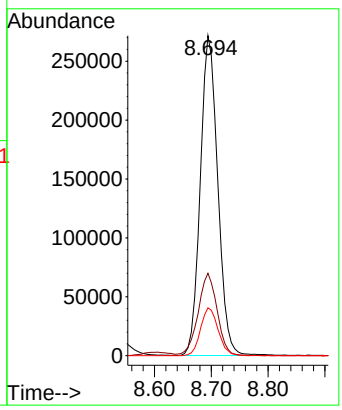
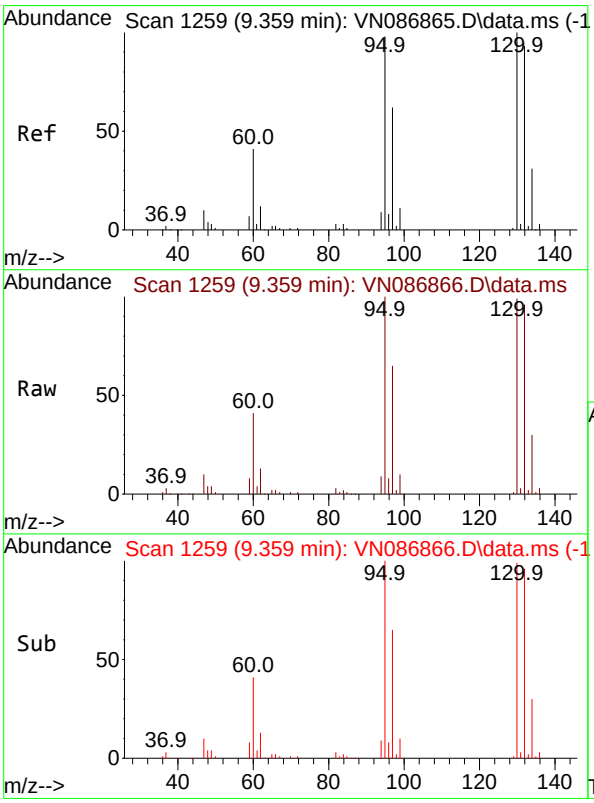
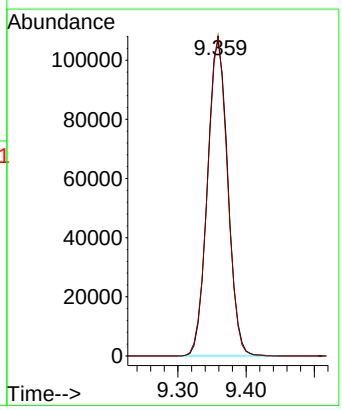


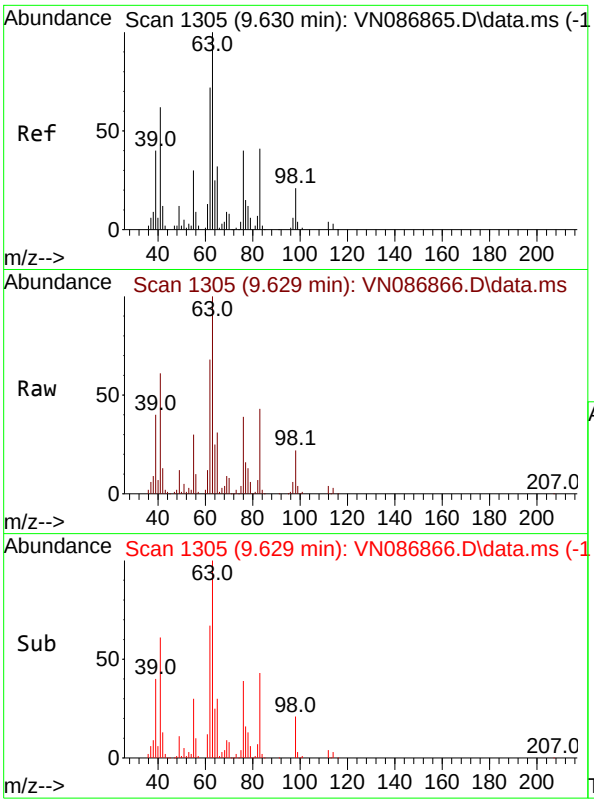


#44
Trichloroethene
Concen: 99.280 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:130 Resp: 222822

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	196.2

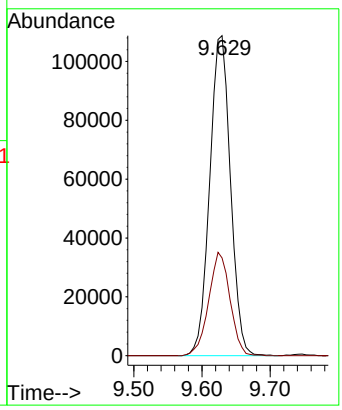




#45
1,2-Dichloropropane
Concen: 100.077 ug/l
RT: 9.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 63 Resp: 23045

Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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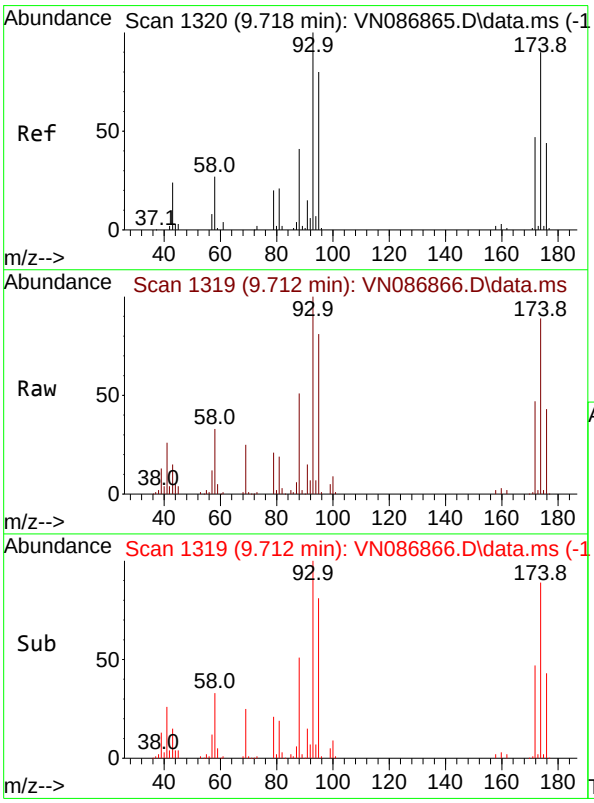
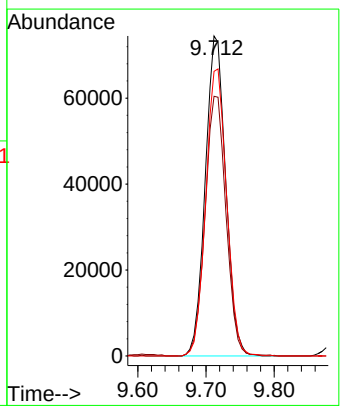
Supervised By :Mahesh Dadoda 06/09/2025

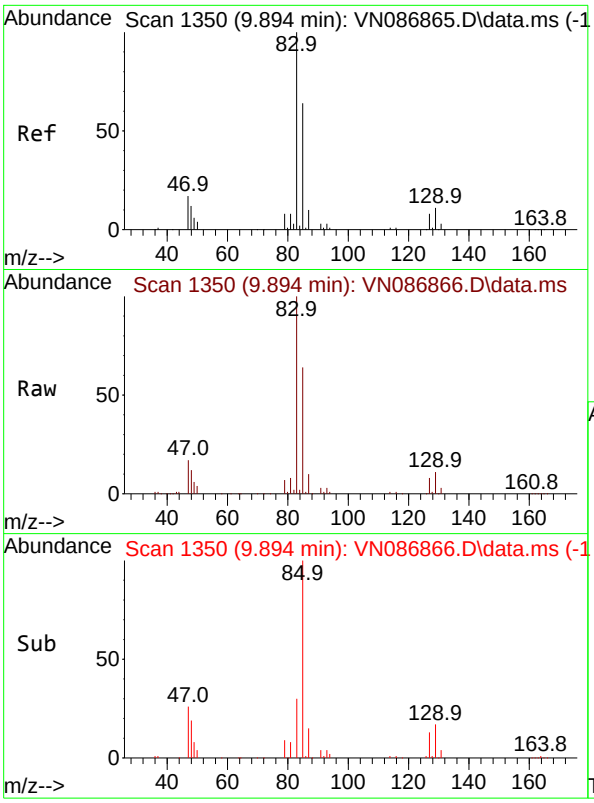


#46
Dibromomethane
Concen: 101.685 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 93 Resp: 155530

Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.1	100.7
174	91.6	74.2	111.4

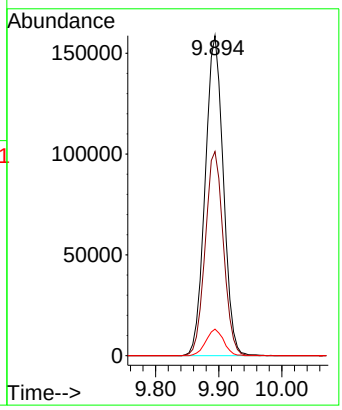




#47
Bromodichloromethane
Concen: 100.533 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 83 Resp: 31637

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.9	76.3
127	8.3	6.6	10.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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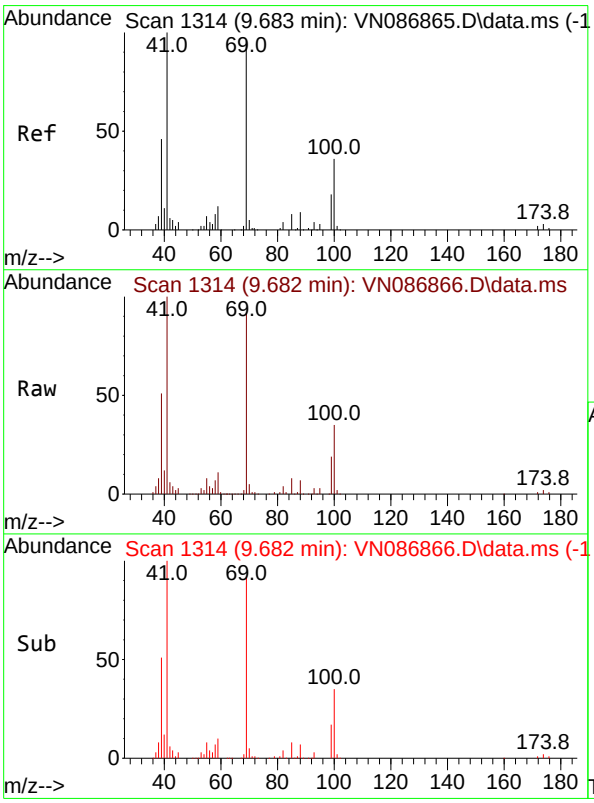
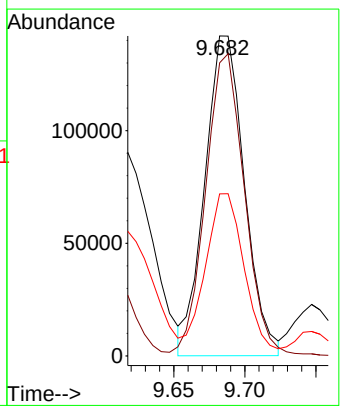
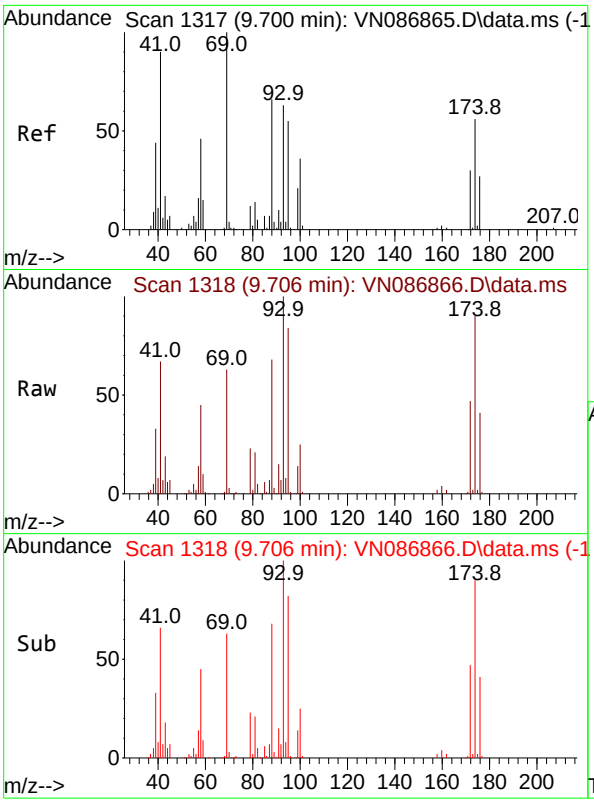


#48
Methyl methacrylate
Concen: 101.288 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 41 Resp: 275710

Ion	Ratio	Lower	Upper
41	100		
69	92.4	74.6	112.0
39	50.1	40.2	60.4

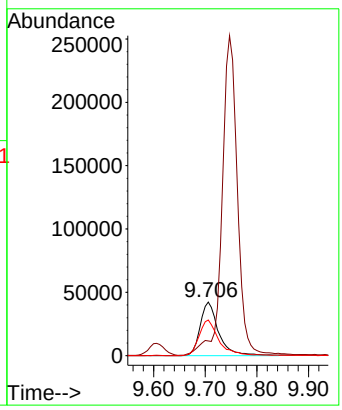




#49
1,4-Dioxane
Concen: 2115.744 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 88 Resp: 10477

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.5	57.7	86.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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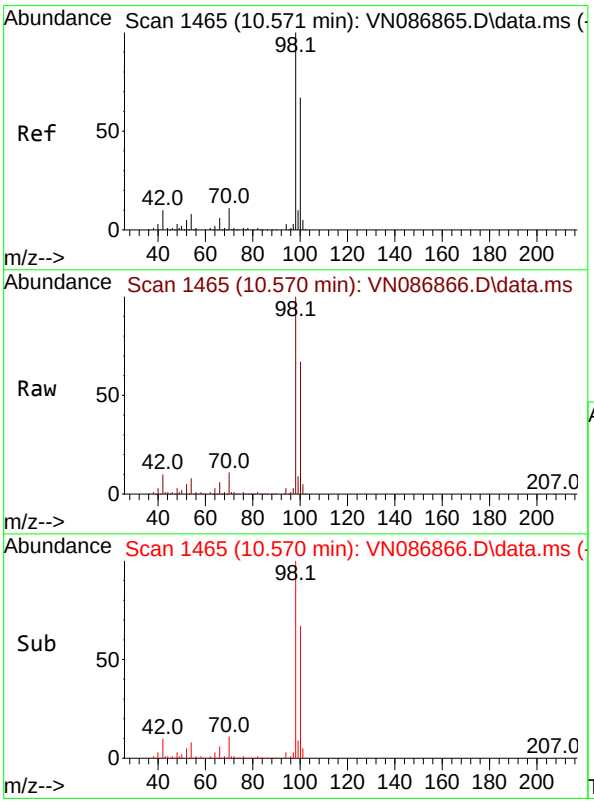
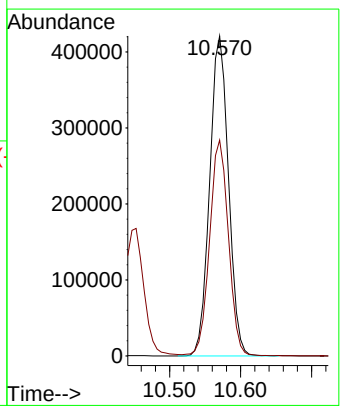
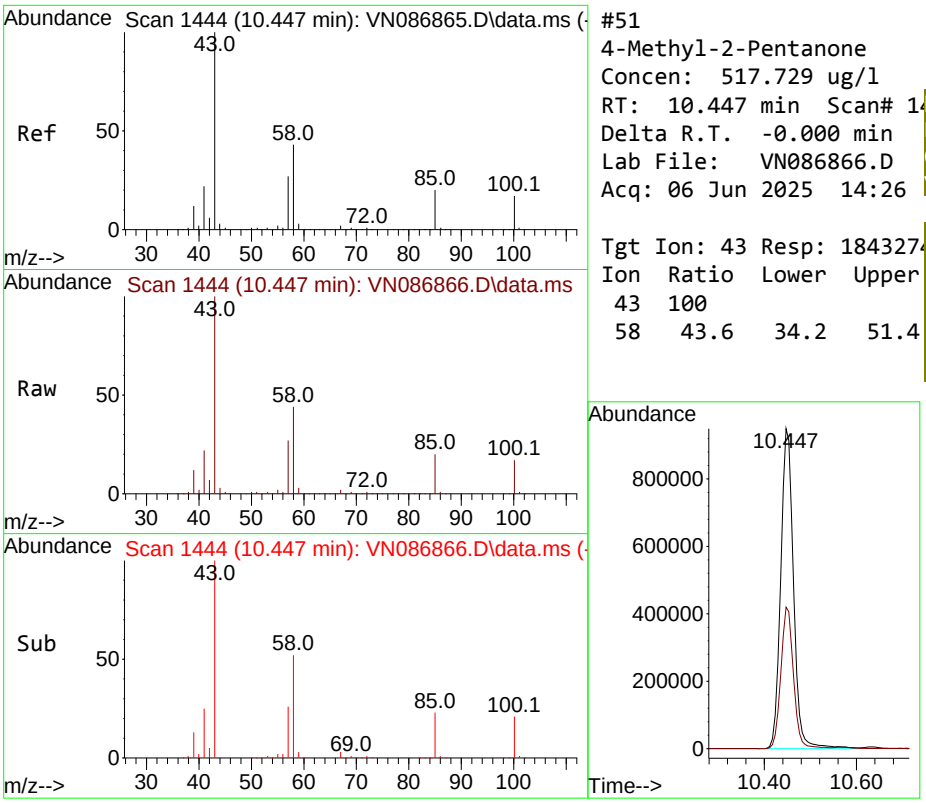


#50
Toluene-d8
Concen: 100.419 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 98 Resp: 772210

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.4	80.0





#51
4-Methyl-2-Pentanone
Concen: 517.729 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 184327

Ion	Ratio	Lower	Upper
43	100		
58	43.6	34.2	51.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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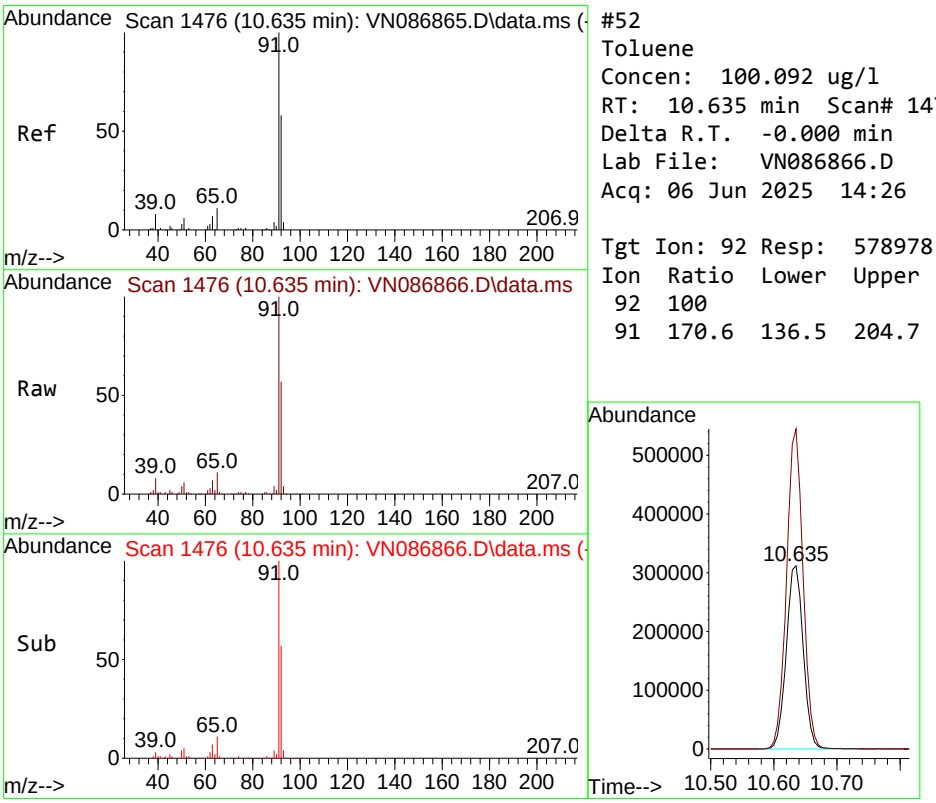
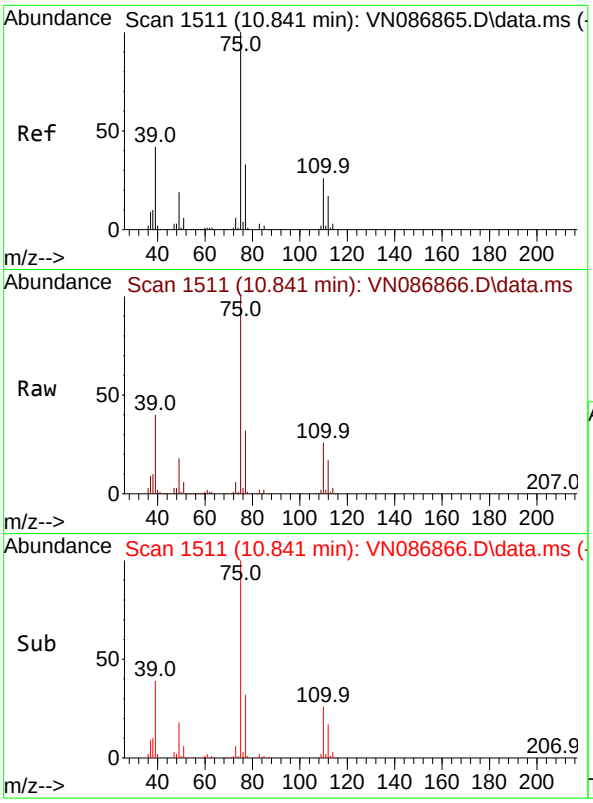


#52
Toluene
Concen: 100.092 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 92 Resp: 578978

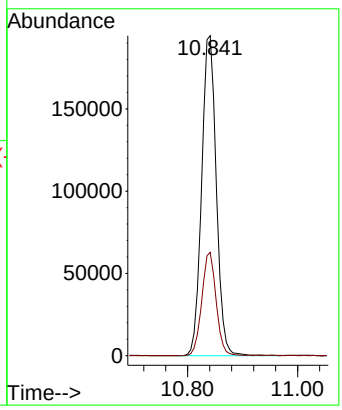
Ion	Ratio	Lower	Upper
92	100		
91	170.6	136.5	204.7



#53
t-1,3-Dichloropropene
Concen: 102.077 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 35920

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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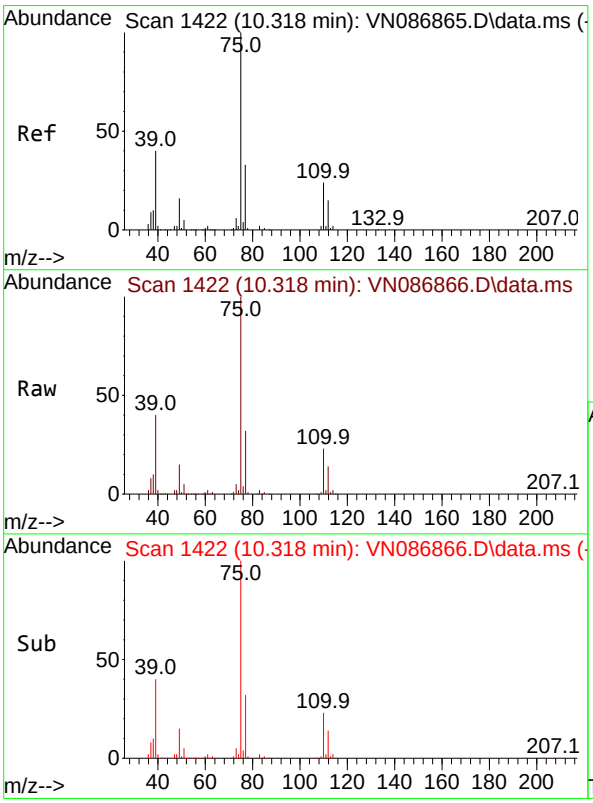
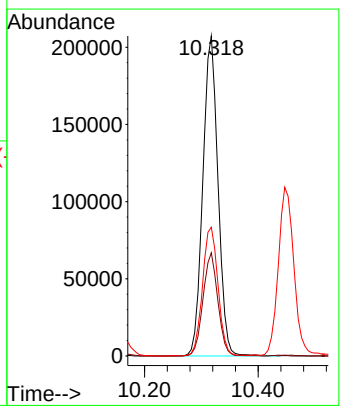
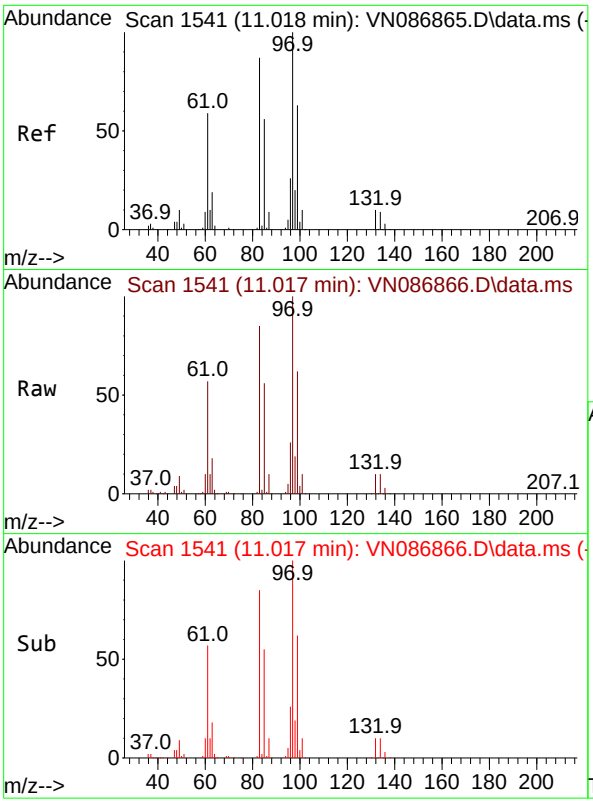


#54
cis-1,3-Dichloropropene
Concen: 101.730 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 383030

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.4
39	40.1	32.3	48.5

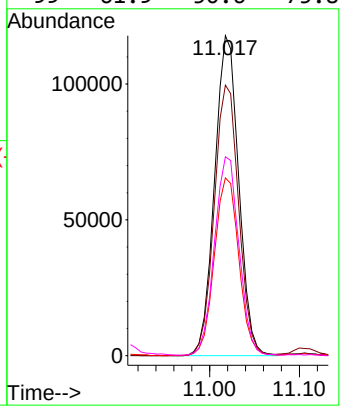




#55
1,1,2-Trichloroethane
Concen: 98.808 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 97 Resp: 21992

Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.7	104.5
85	55.6	45.1	67.7
99	61.9	50.6	75.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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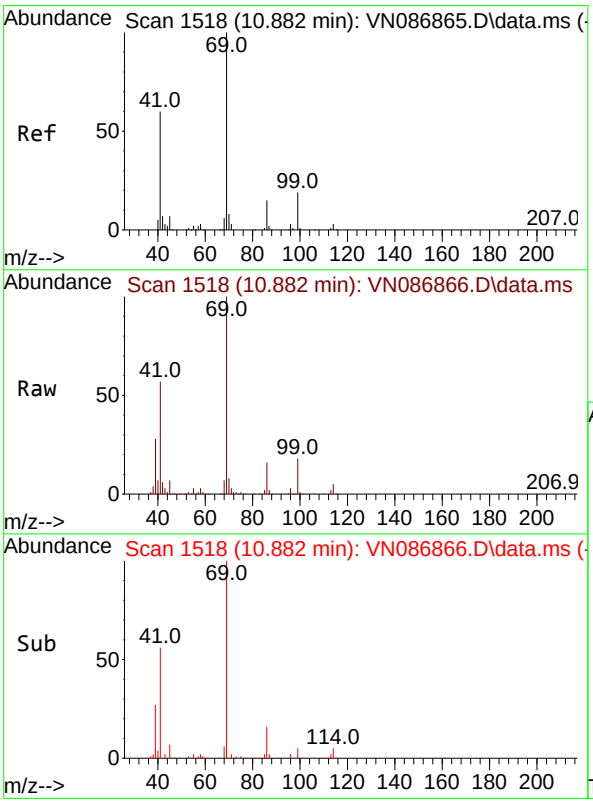
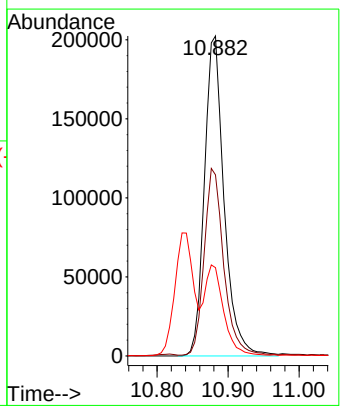
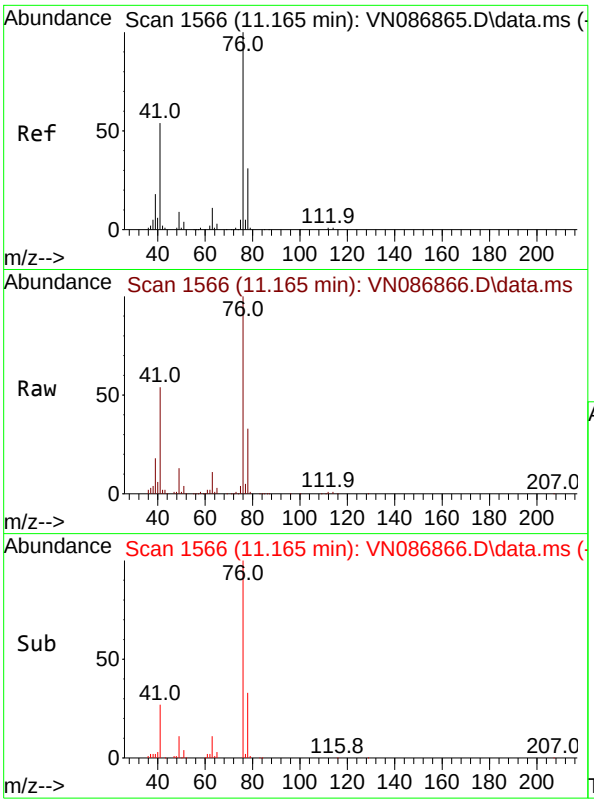


#56
Ethyl methacrylate
Concen: 109.955 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 69 Resp: 389802

Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.2	70.8
39	27.5	23.0	34.6

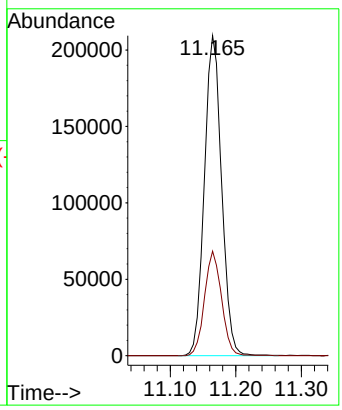




#57
1,3-Dichloropropane
Concen: 99.069 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 76 Resp: 38251

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.3	37.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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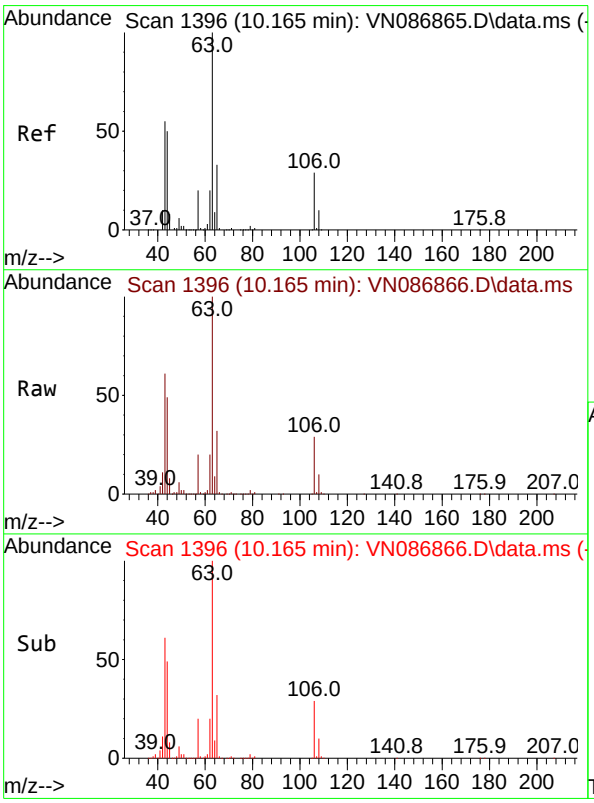
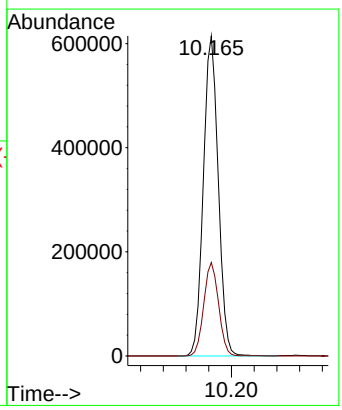
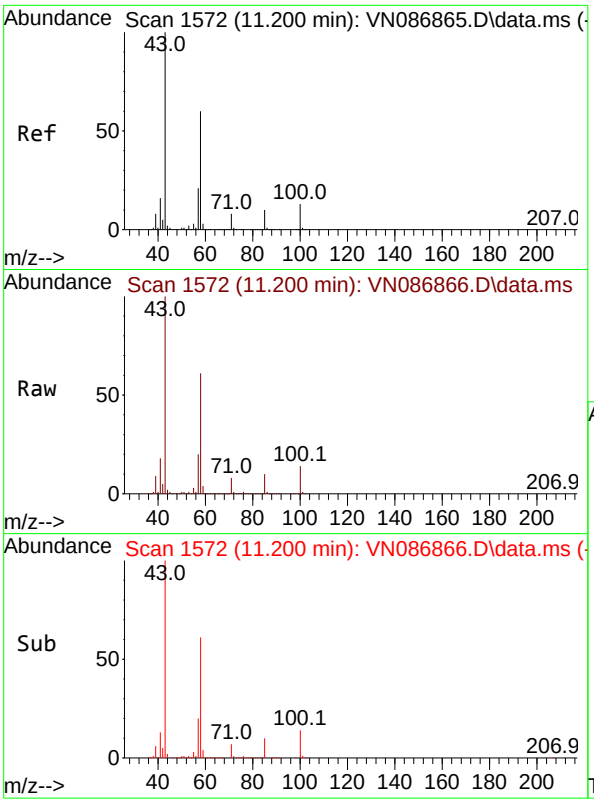


#58
2-Chloroethyl Vinyl ether
Concen: 526.621 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 63 Resp: 1113523

Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.0	34.6

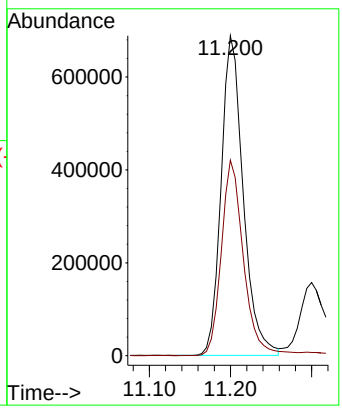




#59
2-Hexanone
Concen: 567.535 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 130153

Ion	Ratio	Lower	Upper
43	100		
58	61.4	30.4	91.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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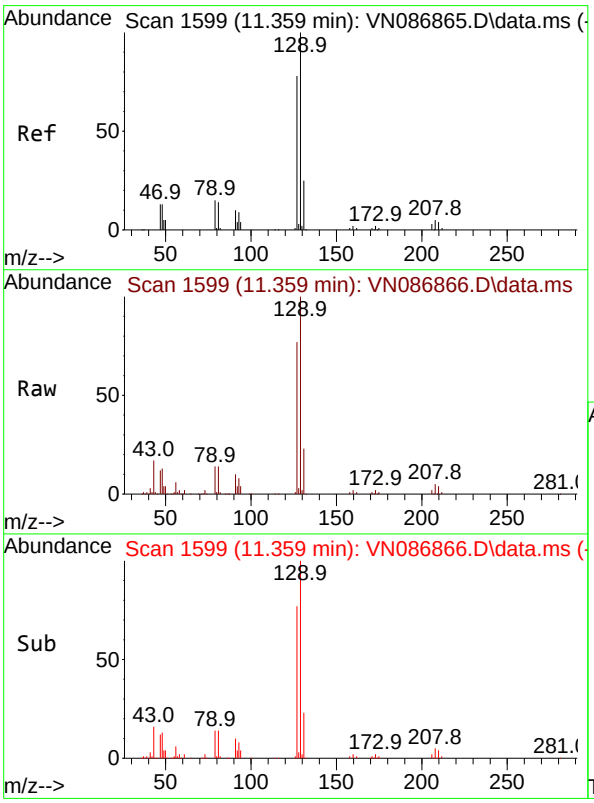
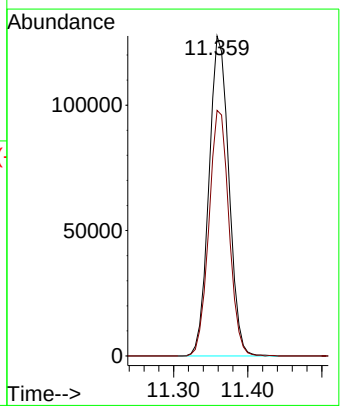
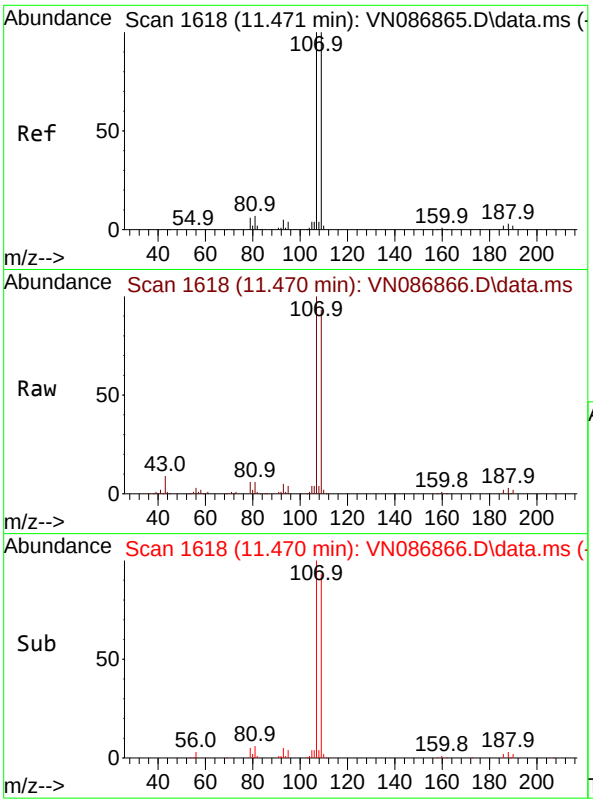


#60
Dibromochloromethane
Concen: 102.616 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:129 Resp: 237965

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.8

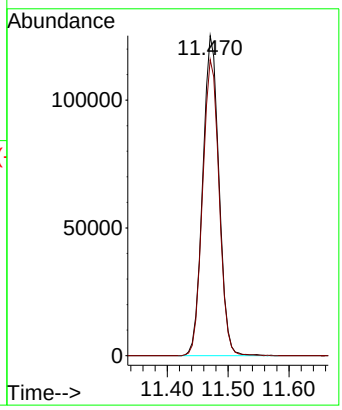




#61
1,2-Dibromoethane
Concen: 101.787 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:107 Resp: 23221

Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.3	114.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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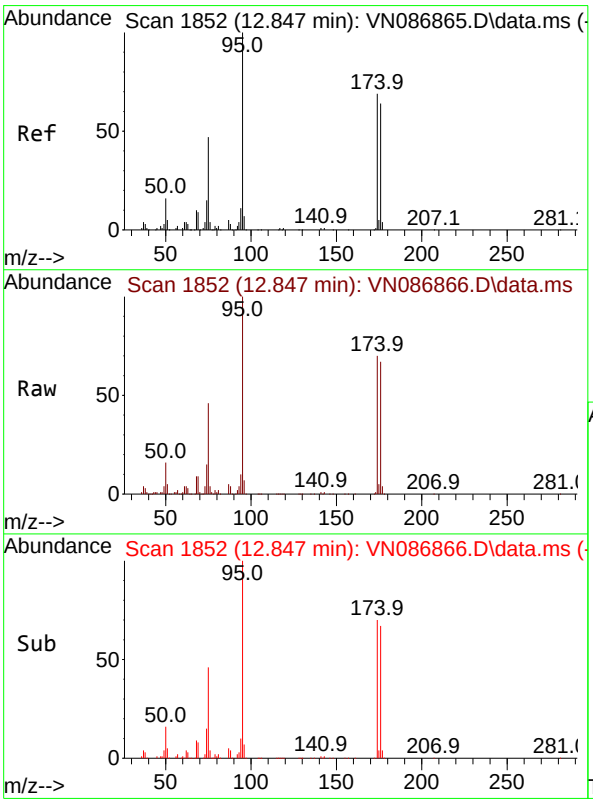
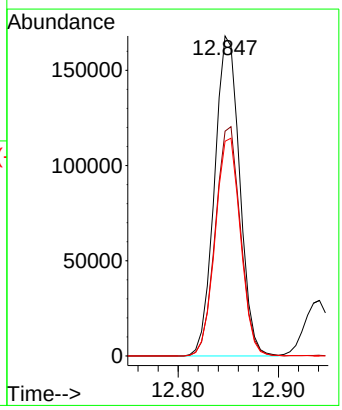
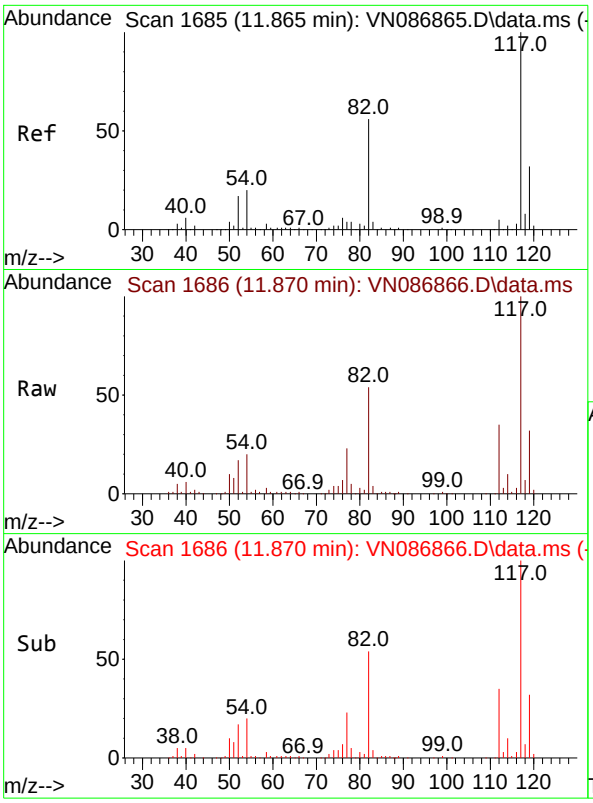


#62
4-Bromofluorobenzene
Concen: 102.339 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 95 Resp: 292385

Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	141.8
176	68.6	0.0	132.6

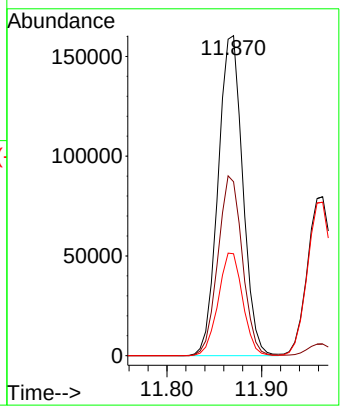




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:117 Resp: 29031

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.6	67.0
119	31.9	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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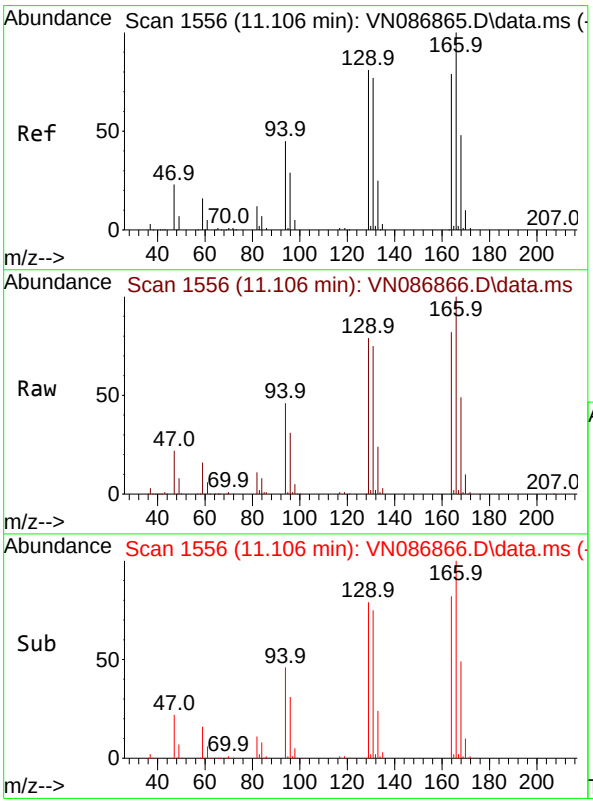
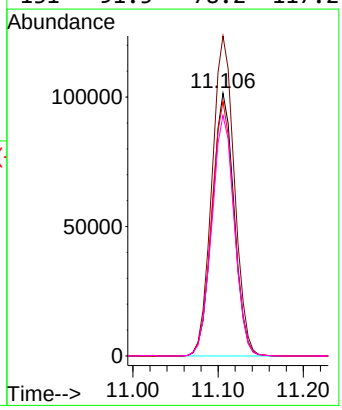
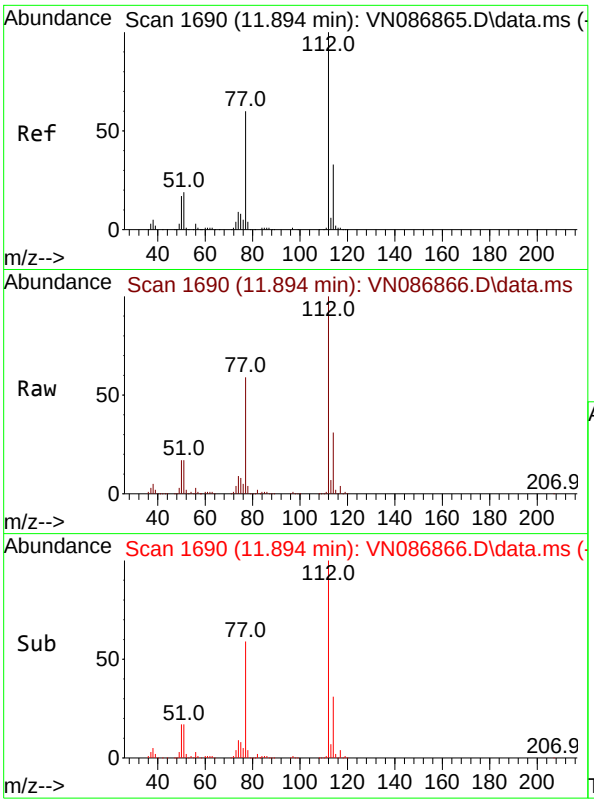


#64
Tetrachloroethene
Concen: 98.824 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:164 Resp: 181568

Ion	Ratio	Lower	Upper
164	100		
166	121.8	101.8	152.8
129	96.8	83.0	124.4
131	91.5	78.2	117.2

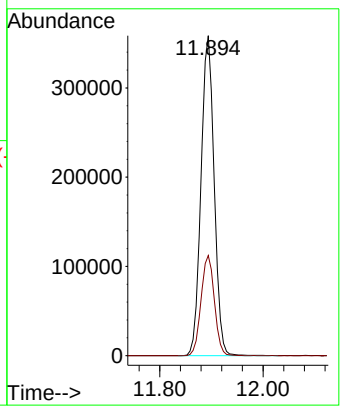




#65
Chlorobenzene
Concen: 98.793 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:112 Resp: 63256

Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.2	39.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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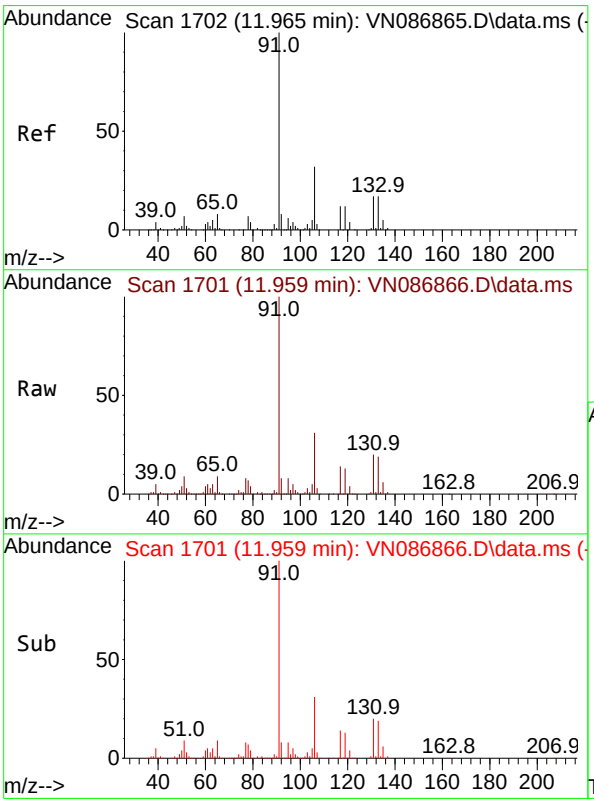
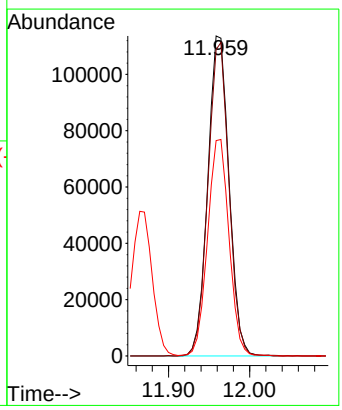
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

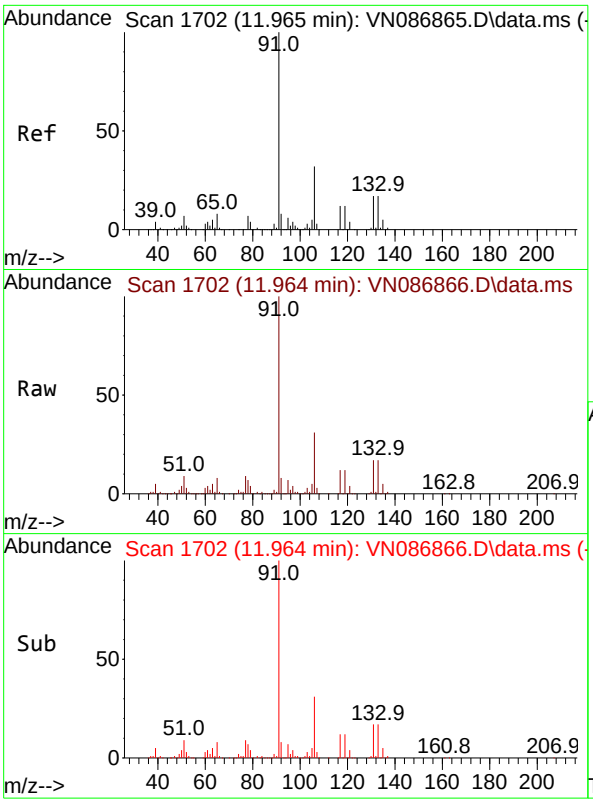


#66
1,1,1,2-Tetrachloroethane
Concen: 100.521 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:131 Resp: 206895

Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.3	144.8
119	68.2	34.0	101.8

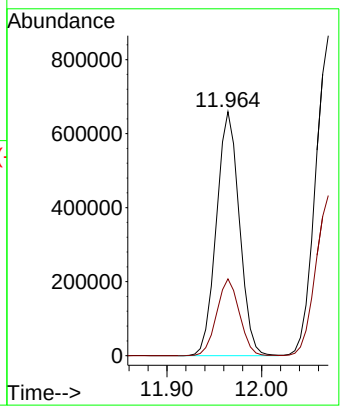




#67
Ethyl Benzene
Concen: 100.717 ug/l
RT: 11.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 91 Resp: 111080

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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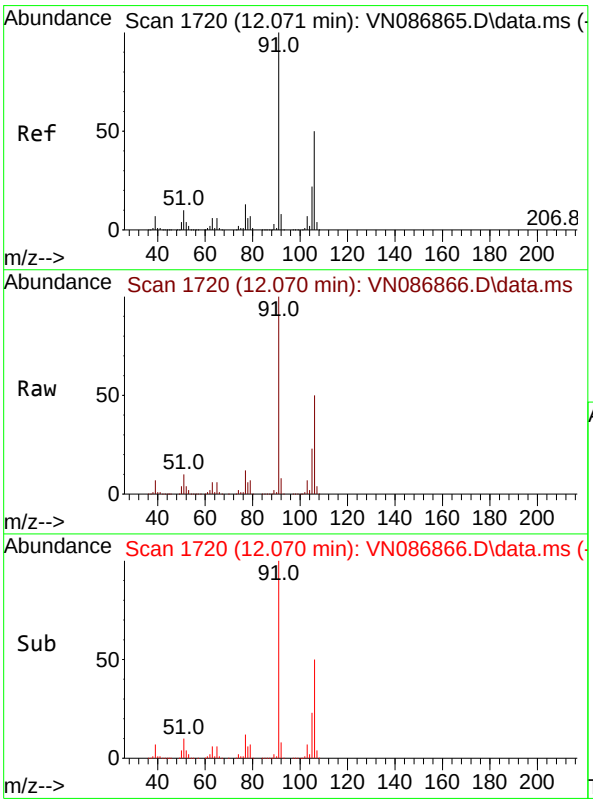
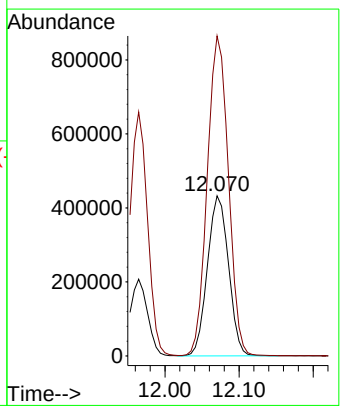
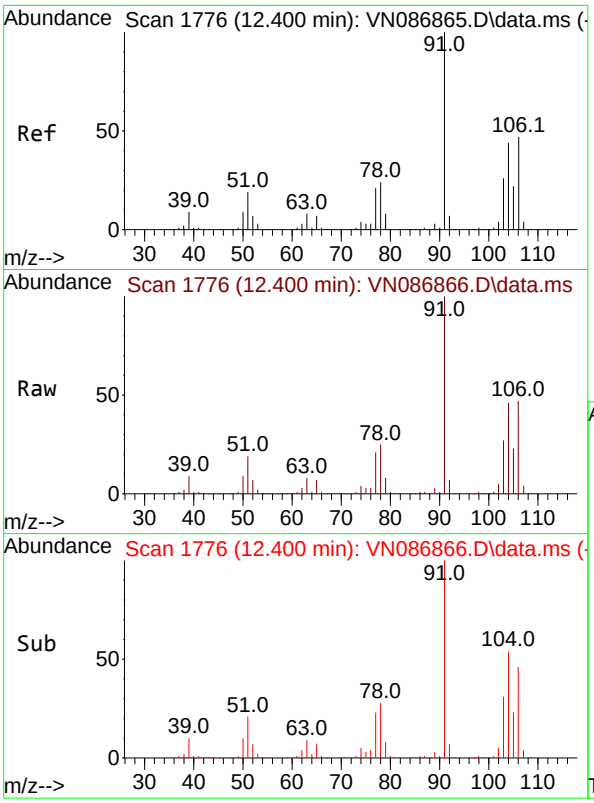


#68
m/p-Xylenes
Concen: 202.411 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:106 Resp: 854557

Ion	Ratio	Lower	Upper
106	100		
91	200.4	159.4	239.0

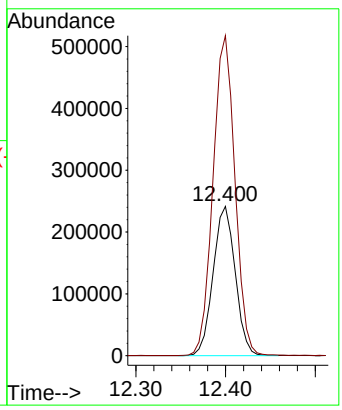




#69
o-Xylene
Concen: 102.070 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:106 Resp: 41271

Ion	Ratio	Lower	Upper
106	100		
91	212.8	106.1	318.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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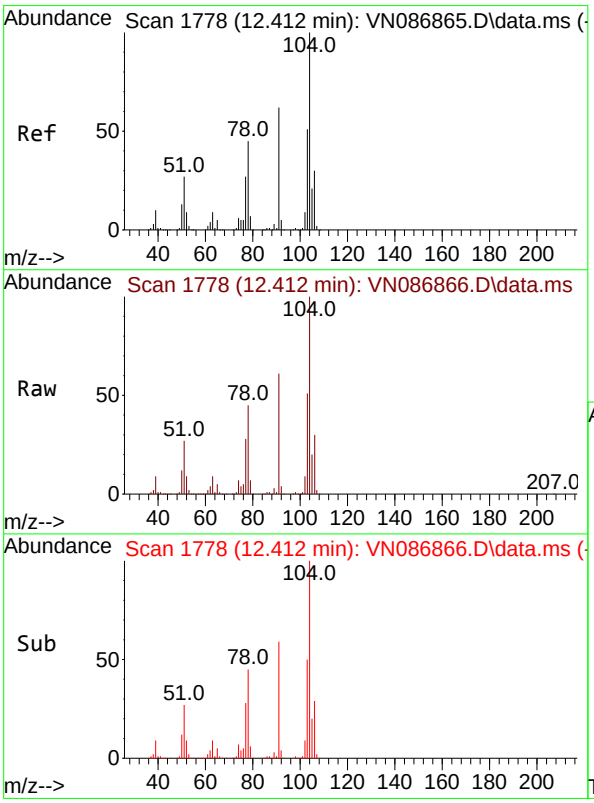
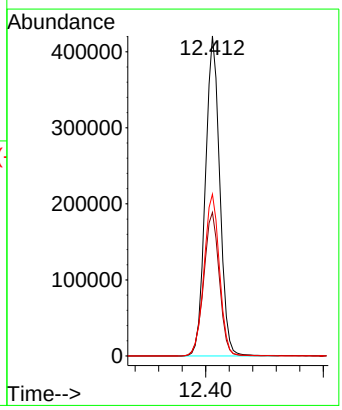
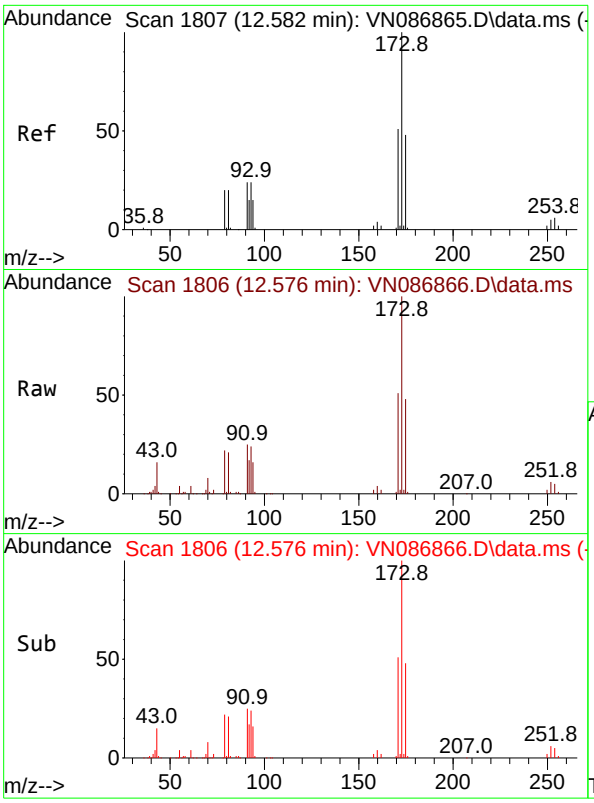


#70
Styrene
Concen: 103.127 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:104 Resp: 713548

Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.5	57.7
103	54.0	43.1	64.7

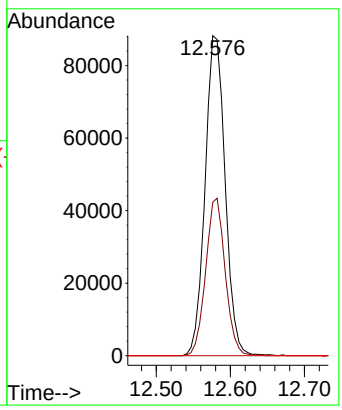




#71
Bromoform
Concen: 108.707 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:173 Resp: 16578

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.4
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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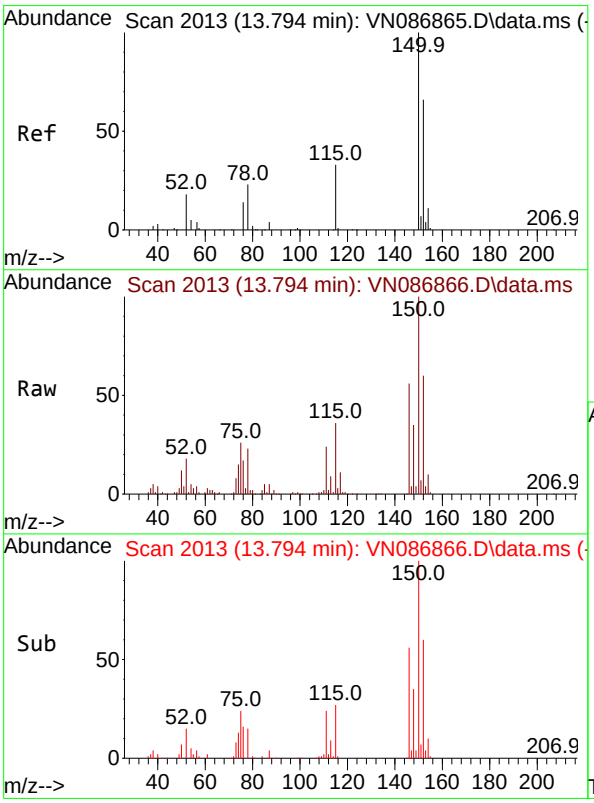
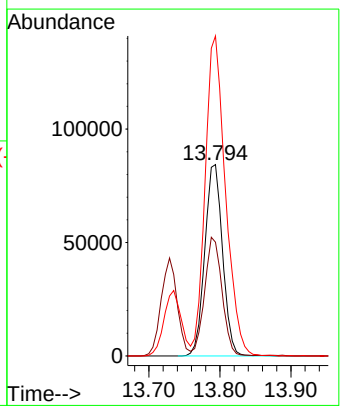
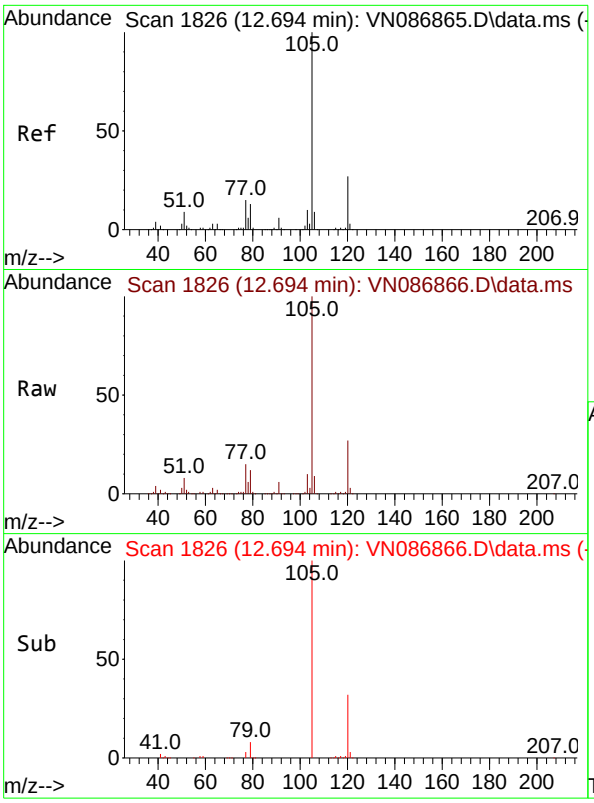


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:152 Resp: 147098

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.5
150	190.4	0.0	345.0

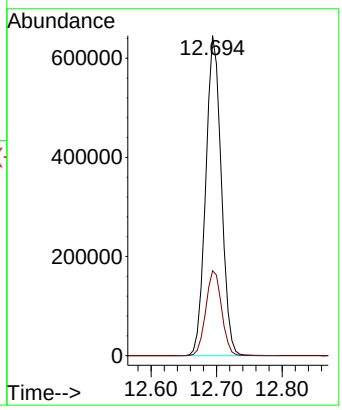




#73
Isopropylbenzene
Concen: 99.410 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:105 Resp: 106529

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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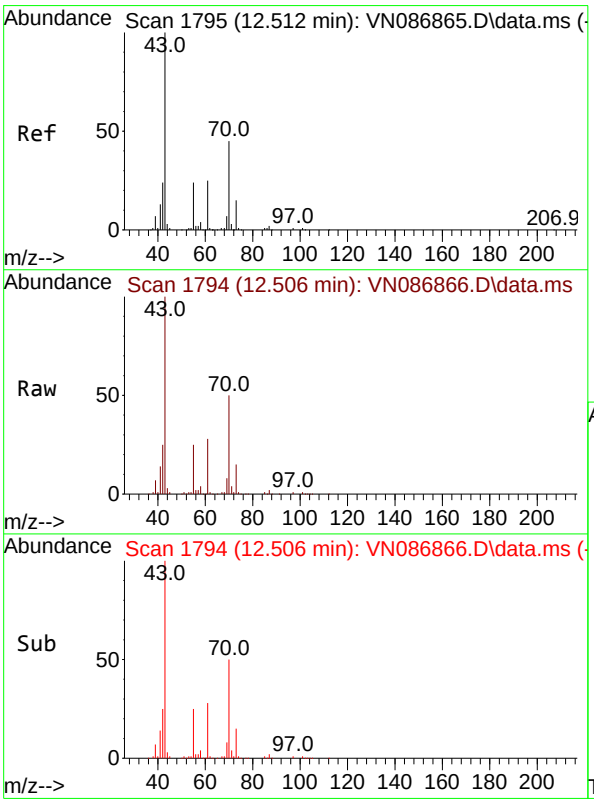
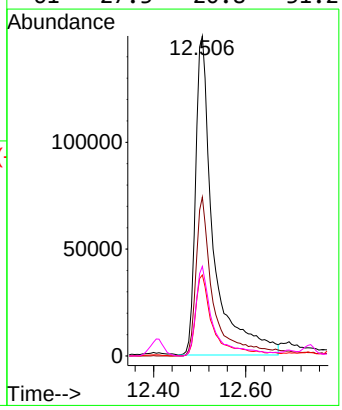
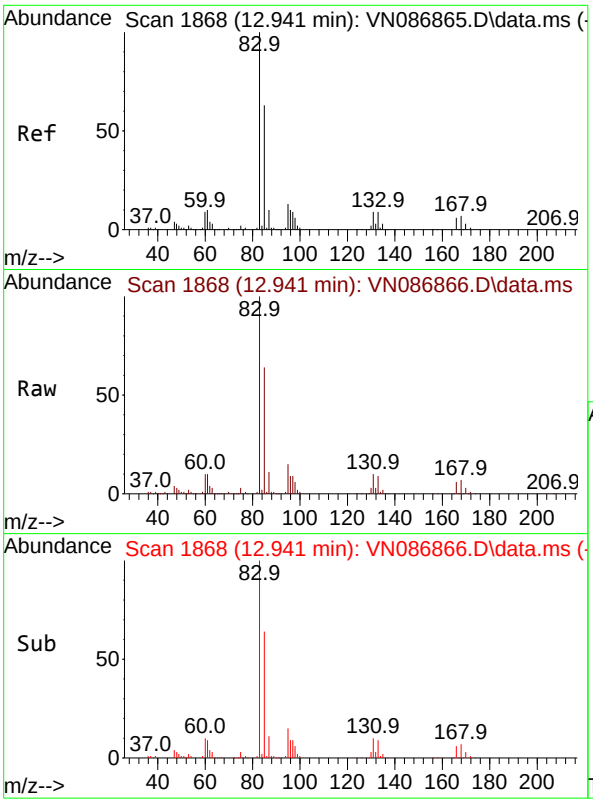


#74
N-amyl acetate
Concen: 113.475 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 403587

Ion	Ratio	Lower	Upper
43	100		
70	47.7	37.6	56.4
55	25.0	19.0	28.6
61	27.3	20.8	31.2

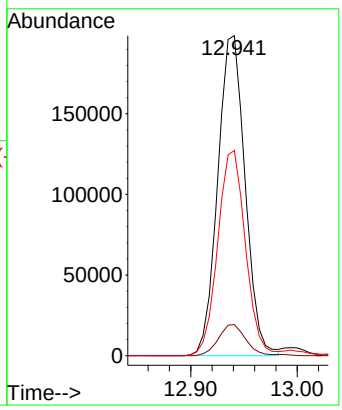




#75
1,1,2,2-Tetrachloroethane
Concen: 97.616 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 83 Resp: 35438

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	64.9	32.0	96.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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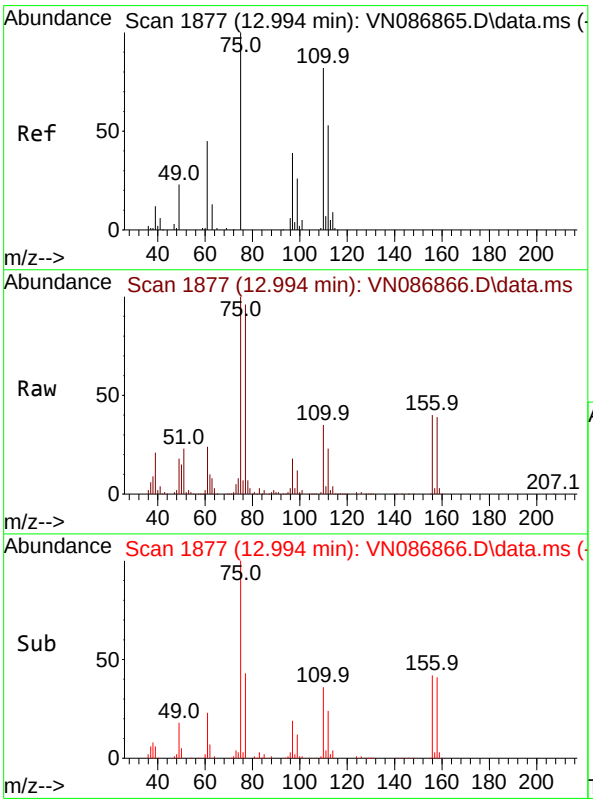
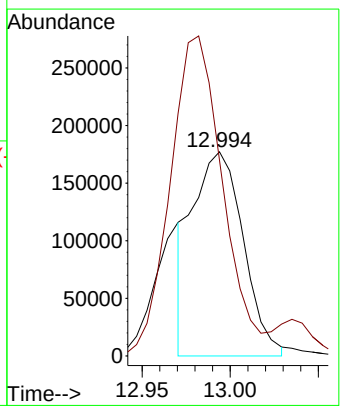
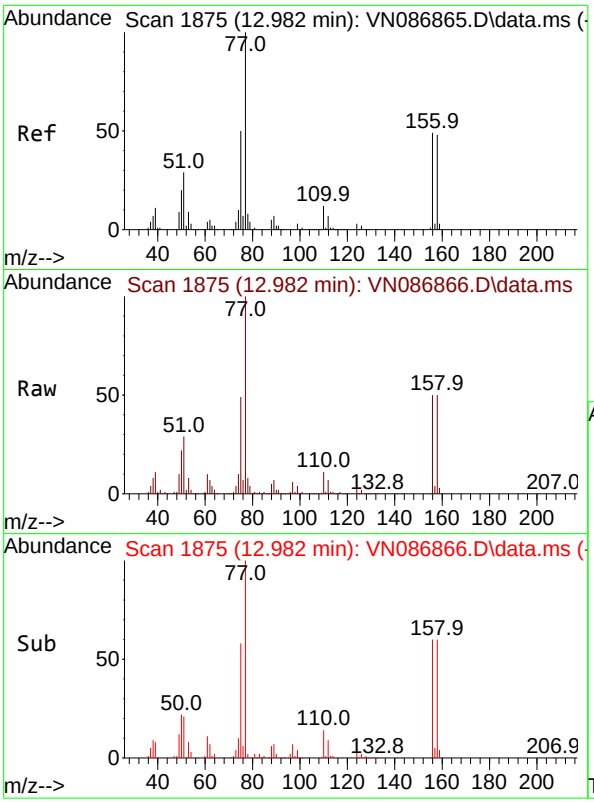


#76
1,2,3-Trichloropropane
Concen: 100.738 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 353334

Ion	Ratio	Lower	Upper
75	100		
77	162.2	79.3	237.9

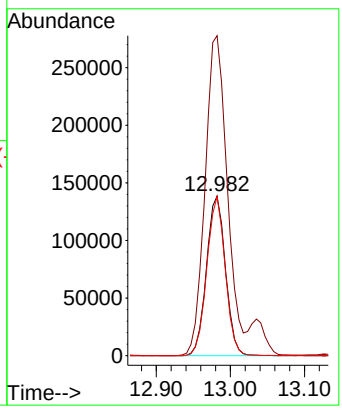




#77
Bromobenzene
Concen: 100.266 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:156 Resp: 24641

Ion	Ratio	Lower	Upper
156	100		
77	232.6	117.7	353.1
158	96.4	48.1	144.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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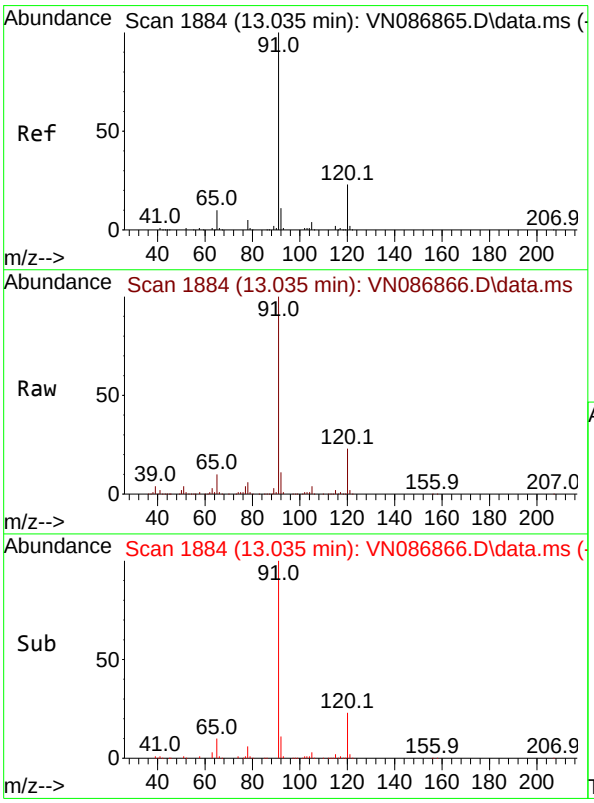
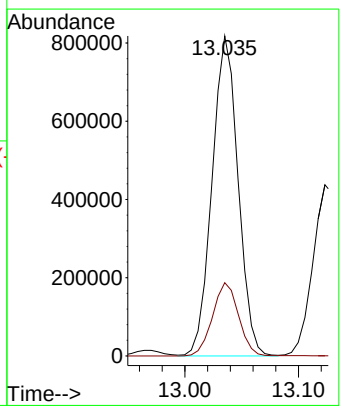
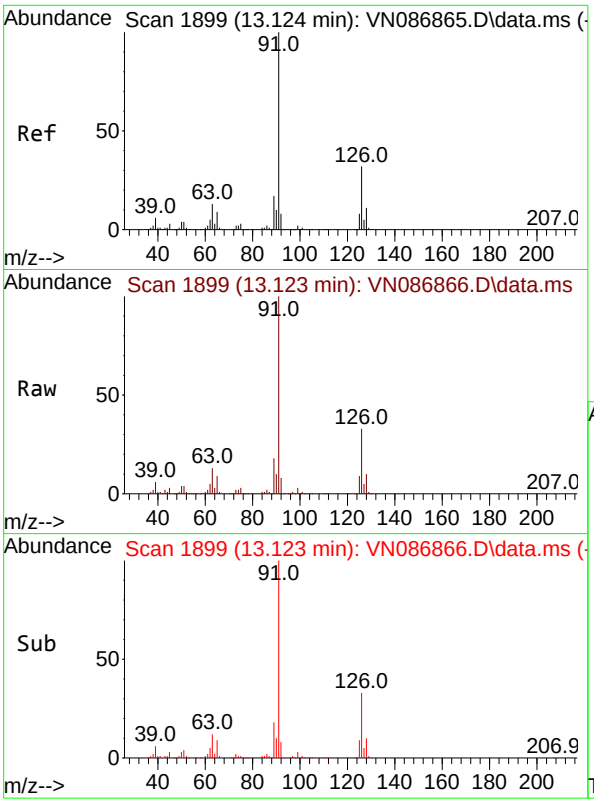


#78
n-propylbenzene
Concen: 99.948 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 91 Resp: 1301631

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2

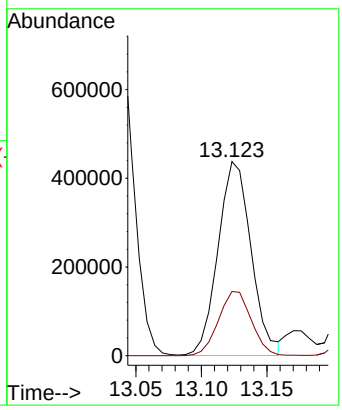




#79
2-Chlorotoluene
Concen: 98.630 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 91 Resp: 77030

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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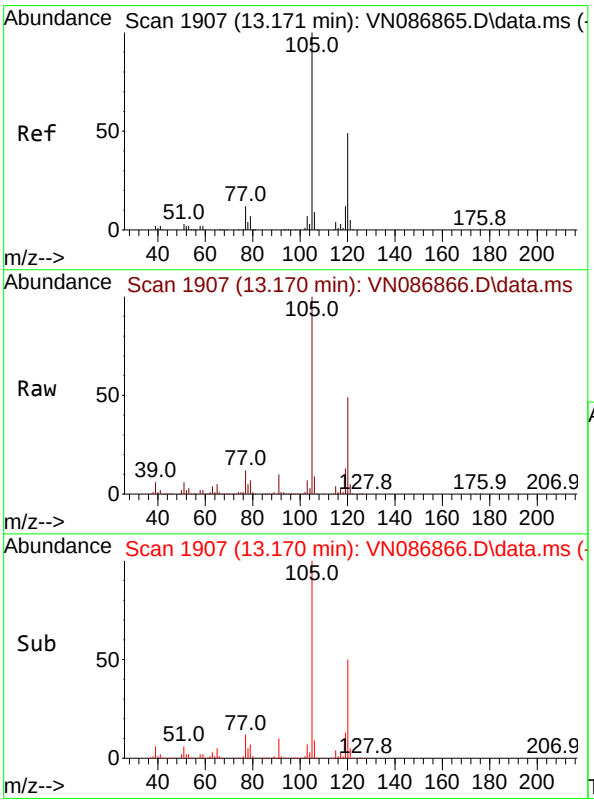
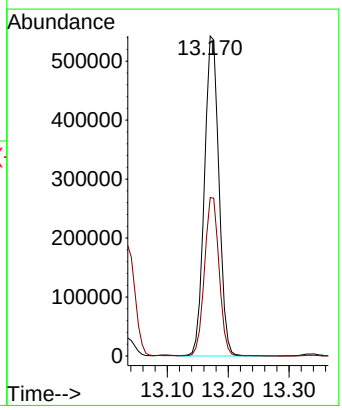
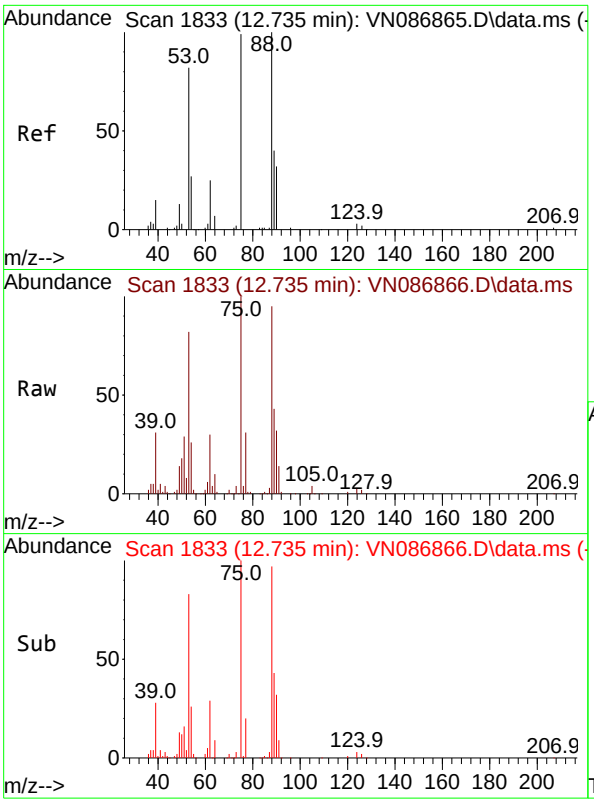


#80
1,3,5-Trimethylbenzene
Concen: 101.873 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:105 Resp: 901317

Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.9	74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 105.820 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 16073

Ion	Ratio	Lower	Upper
75	100		
53	76.0	66.6	99.8
89	41.1	36.7	55.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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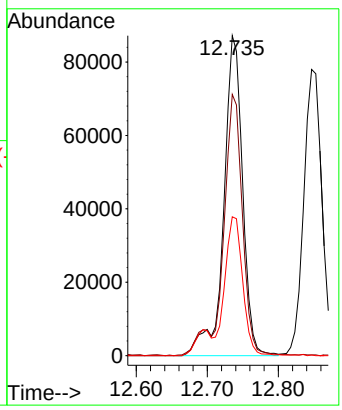
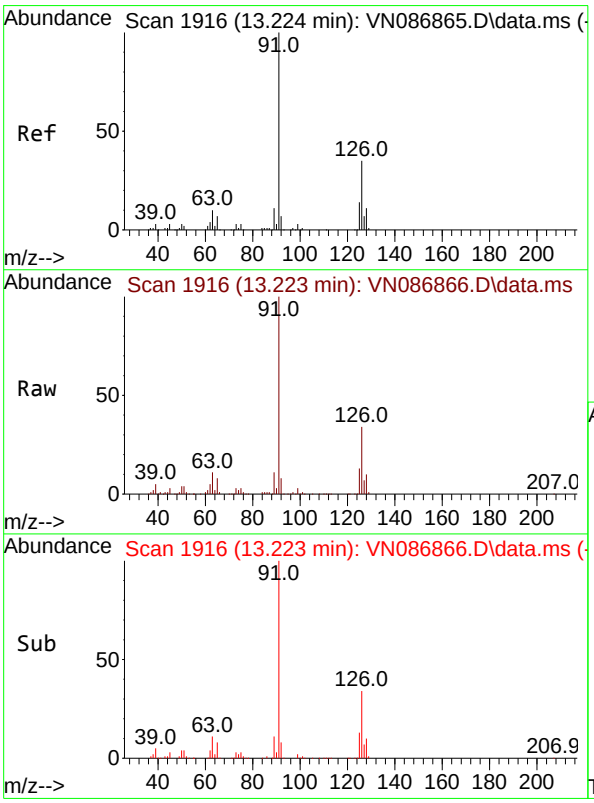
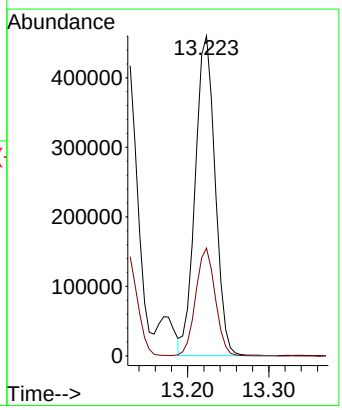


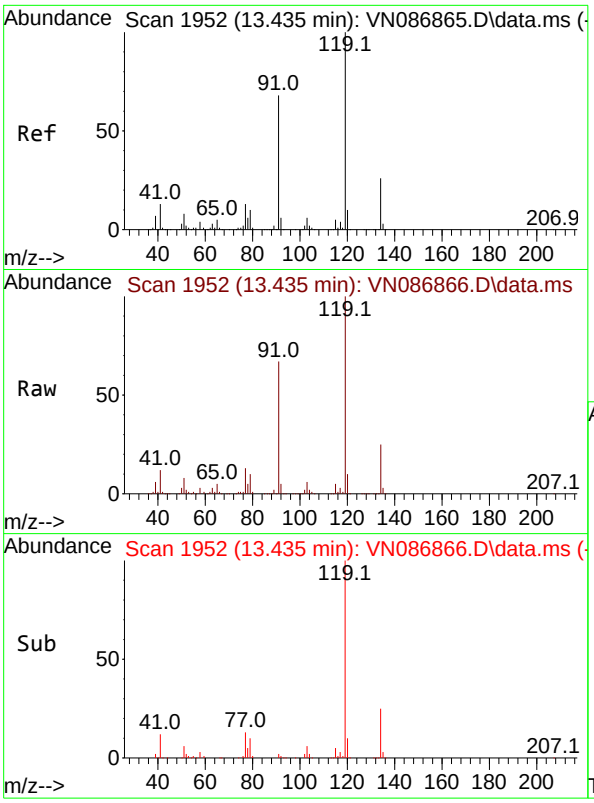


#82
4-Chlorotoluene
Concen: 99.166 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 91 Resp: 783657

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.7	50.1

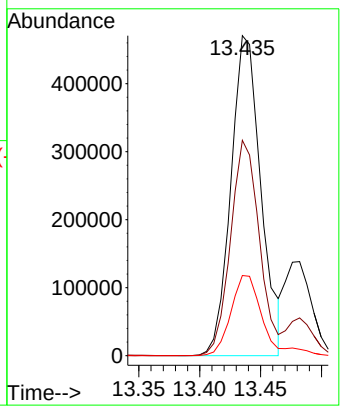




#83
tert-Butylbenzene
Concen: 99.710 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:119 Resp: 80752

Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.1	96.5
134	26.6	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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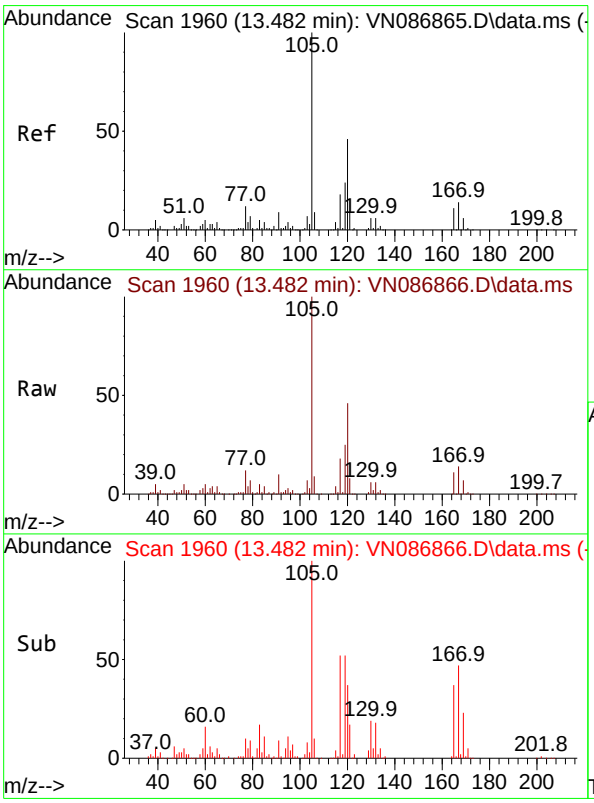
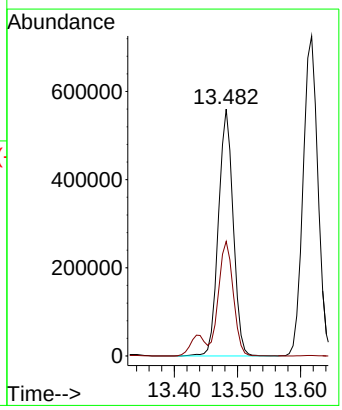
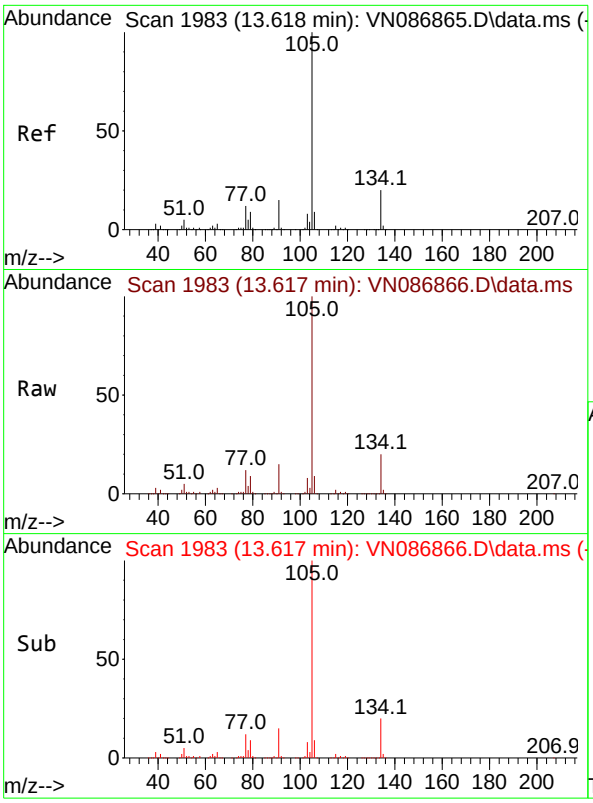


#84
1,2,4-Trimethylbenzene
Concen: 101.983 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:105 Resp: 904794

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6

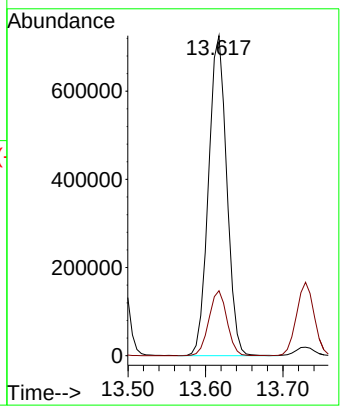




#85
sec-Butylbenzene
Concen: 100.513 ug/l
RT: 13.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:105 Resp: 118215

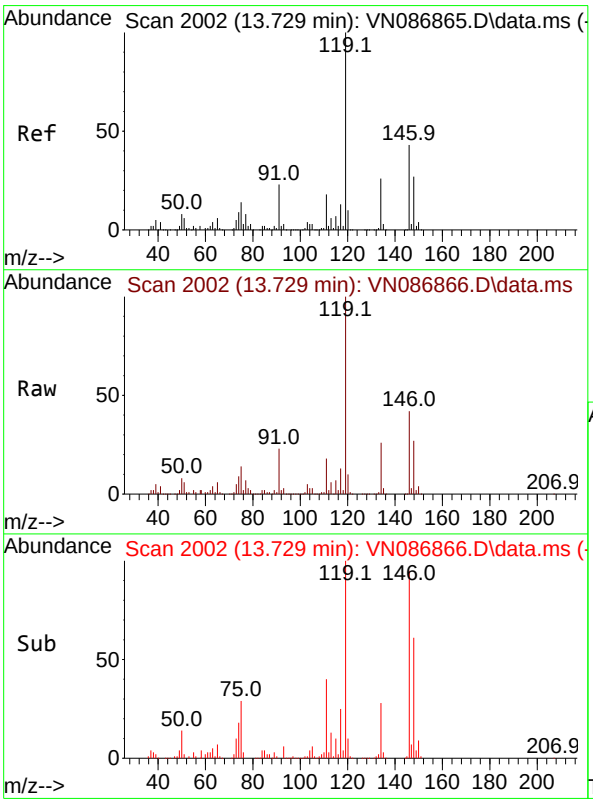
Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

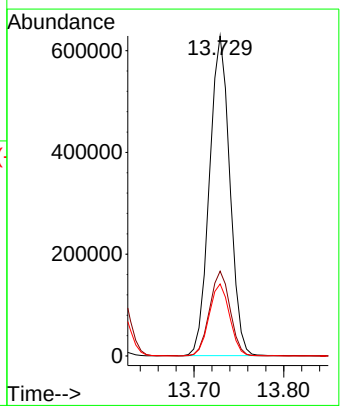
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

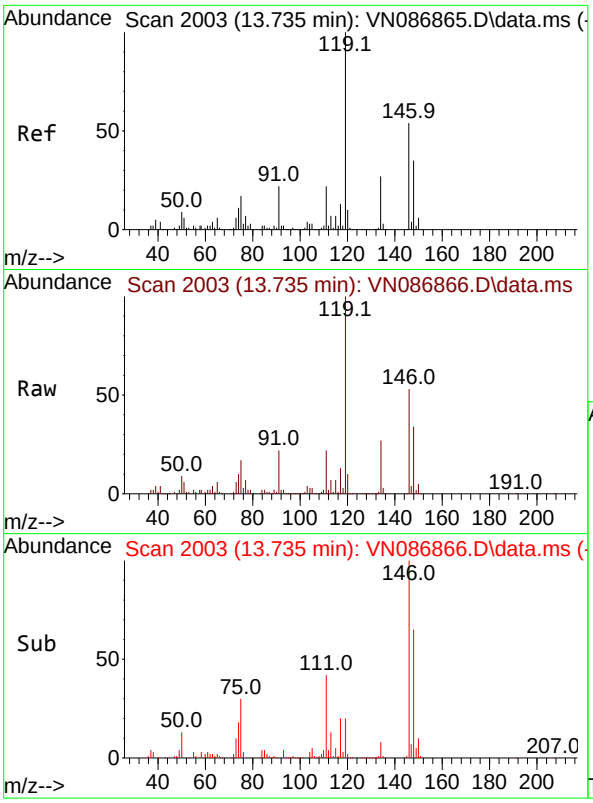


#86
p-Isopropyltoluene
Concen: 101.857 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:119 Resp: 990273

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.4
91	22.6	11.5	34.4

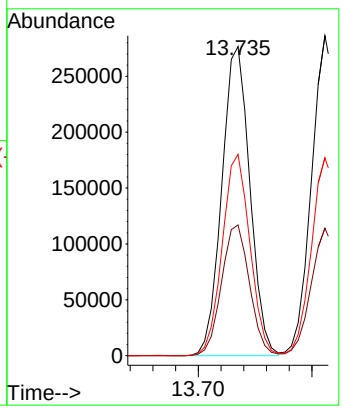




#87
1,3-Dichlorobenzene
Concen: 98.063 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:146 Resp: 47416

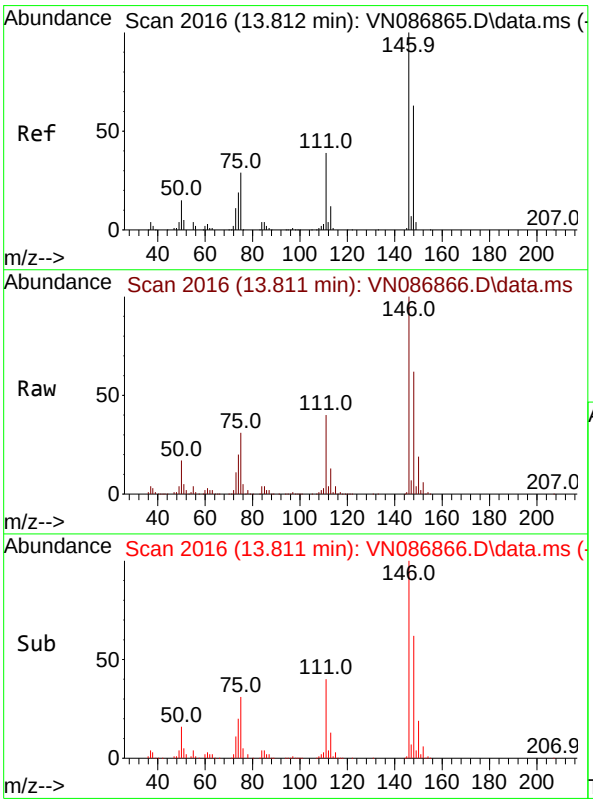
Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.8
148	64.4	32.0	96.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

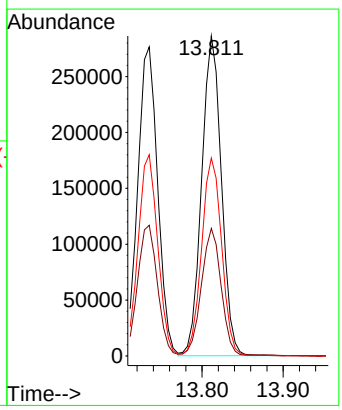
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

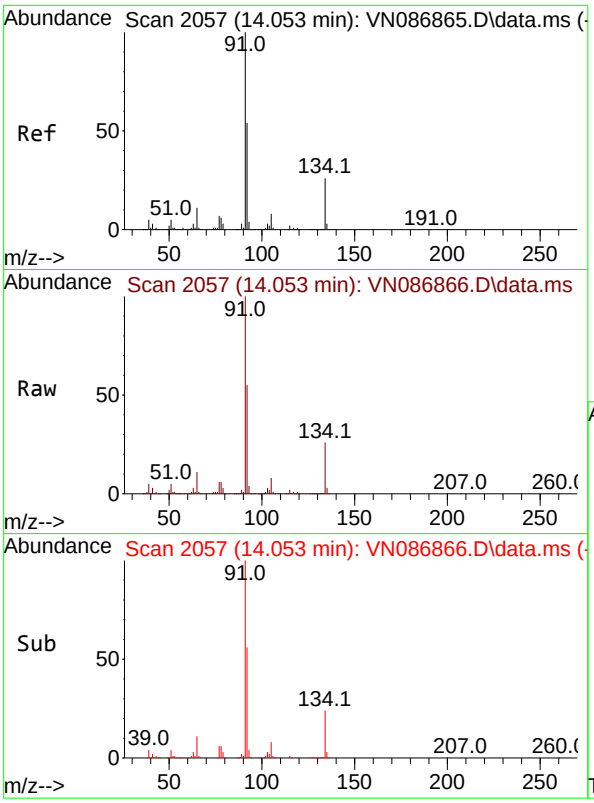


#88
1,4-Dichlorobenzene
Concen: 97.978 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:146 Resp: 483003

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.0	31.8	95.4

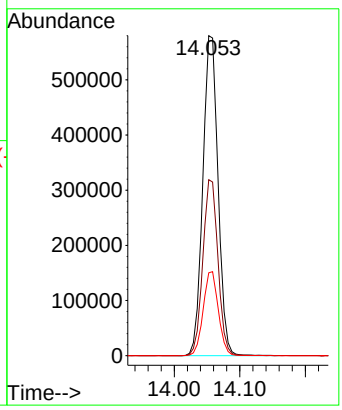




#89
n-Butylbenzene
Concen: 99.598 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 91 Resp: 93791

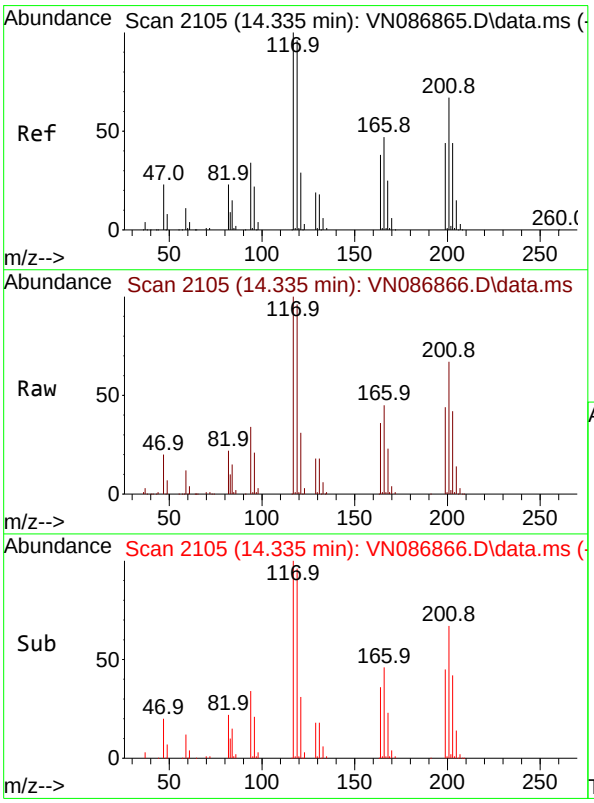
Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.5	82.4
134	26.2	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

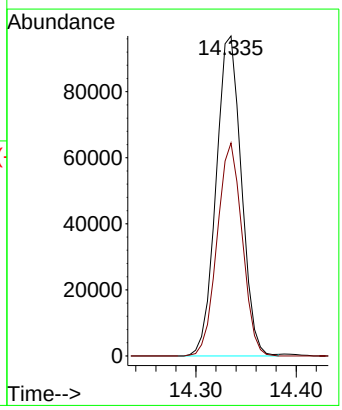
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

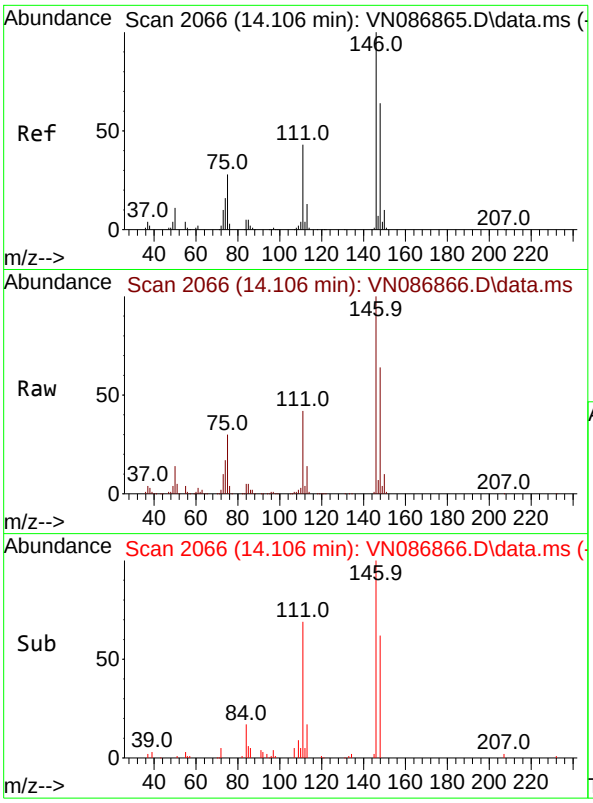


#90
Hexachloroethane
Concen: 103.019 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:117 Resp: 169772

Ion	Ratio	Lower	Upper
117	100		
201	65.8	33.2	99.6

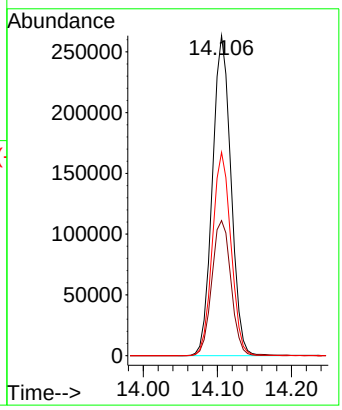




#91
1,2-Dichlorobenzene
Concen: 98.602 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:146 Resp: 45804

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.6
148	63.5	31.7	95.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
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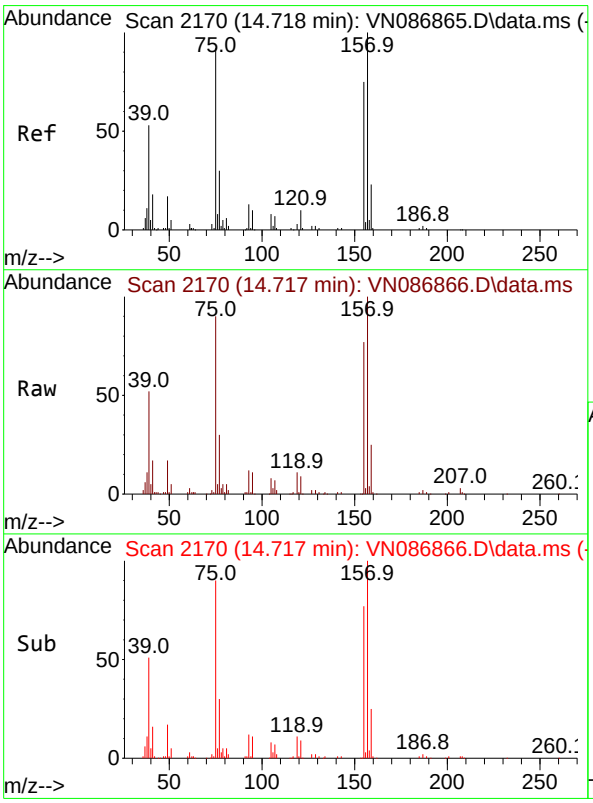
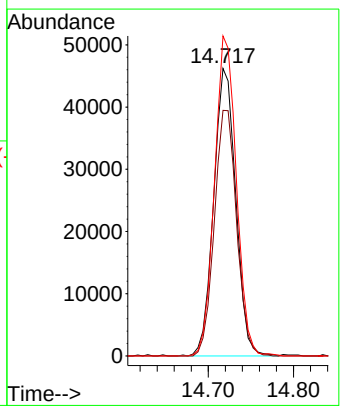
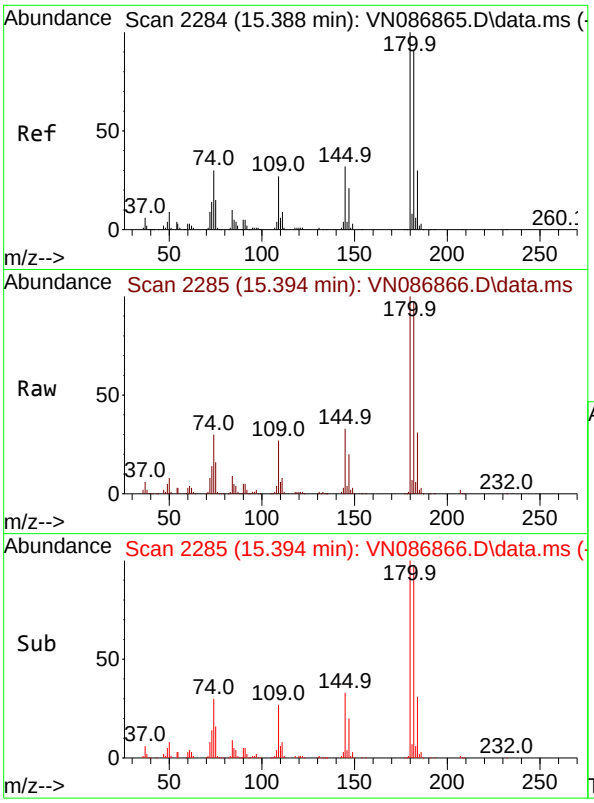


#92
1,2-Dibromo-3-Chloropropane
Concen: 95.877 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 83243

Ion	Ratio	Lower	Upper
75	100		
155	86.1	41.1	123.4
157	109.8	52.7	158.1

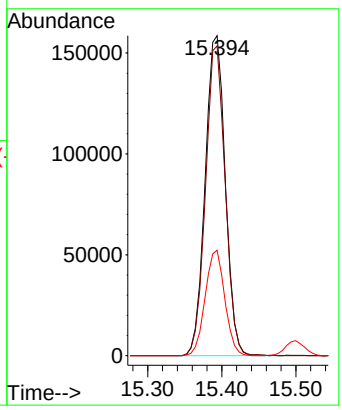




#93
1,2,4-Trichlorobenzene
Concen: 100.751 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:180 Resp: 29887

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.7
145	32.2	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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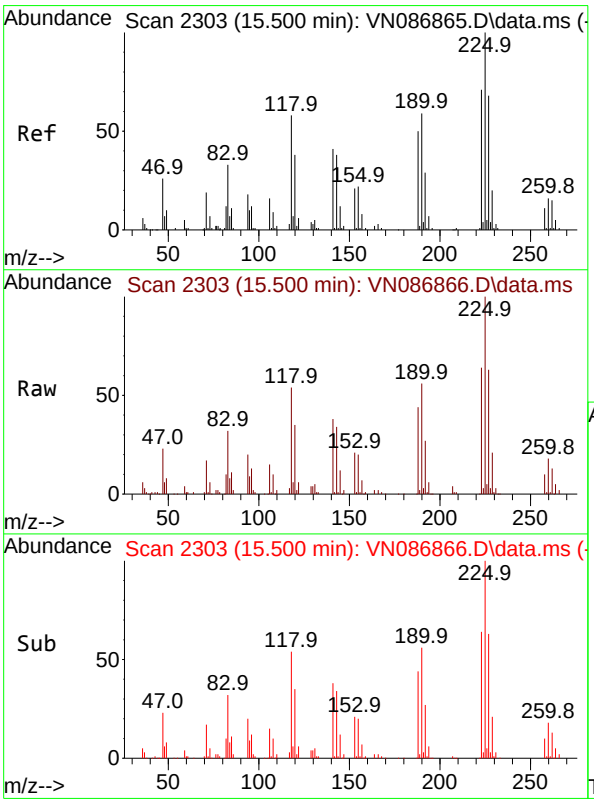
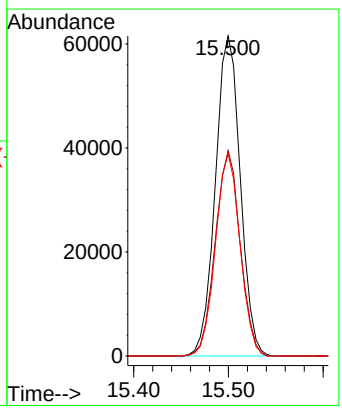
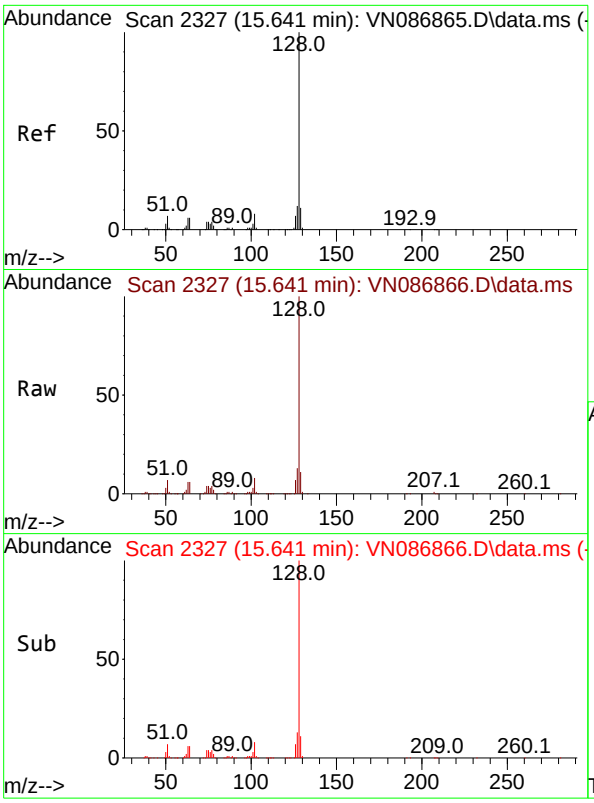


#94
Hexachlorobutadiene
Concen: 101.789 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:225 Resp: 112496

Ion	Ratio	Lower	Upper
225	100		
223	64.2	33.5	100.4
227	62.1	31.1	93.5

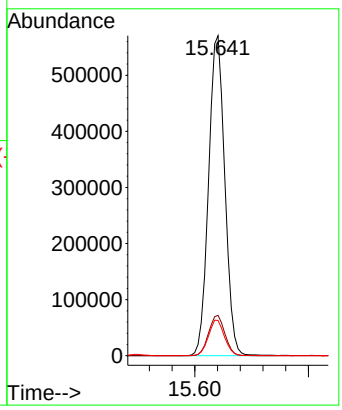




#95
Naphthalene
Concen: 102.290 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:128 Resp: 112943

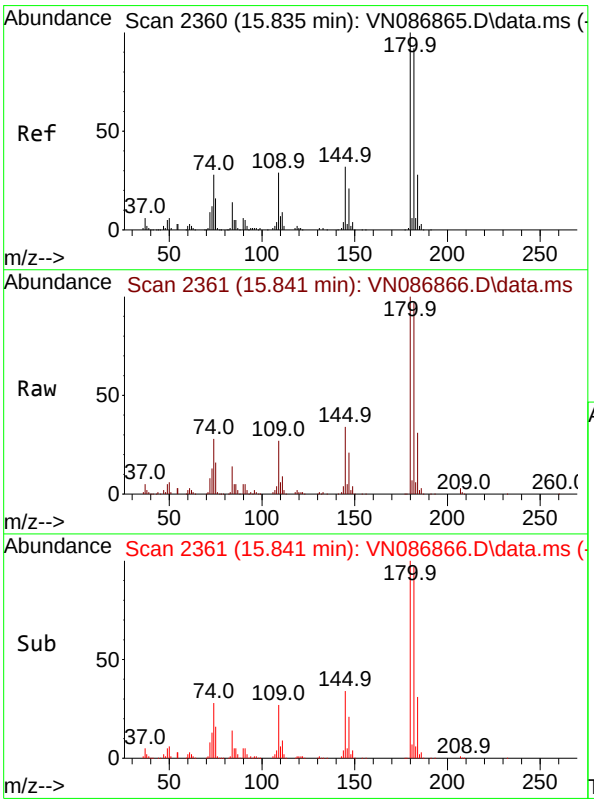
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

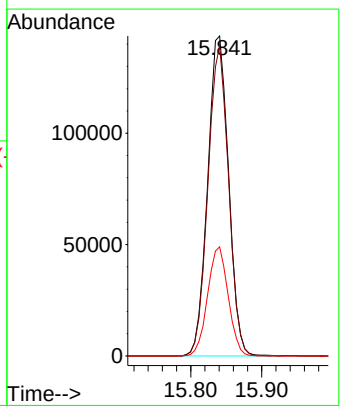
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 99.796 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:180 Resp: 294127

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.0	141.0
145	33.5	16.6	49.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	172832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	278552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	389297	168.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 336.460%#			
35) Dibromofluoromethane	8.176	113	324474	177.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 355.600%#			
50) Toluene-d8	10.570	98	1272348	176.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 352.240%#			
62) 4-Bromofluorobenzene	12.847	95	481421	179.364	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 358.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	262143	152.122	ug/l	100
3) Chloromethane	2.394	50	304558	136.865	ug/l	100
4) Vinyl Chloride	2.553	62	335834	146.303	ug/l	100
5) Bromomethane	2.965	94	190786	148.522	ug/l	98
6) Chloroethane	3.136	64	208568	140.664	ug/l	96
7) Trichlorofluoromethane	3.518	101	427871	142.666	ug/l	100
8) Diethyl Ether	3.983	74	191555	146.593	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.388	101	269810	143.192	ug/l	100
10) Methyl Iodide	4.606	142	352020	144.118	ug/l	99
11) Tert butyl alcohol	5.553	59	430866	686.213	ug/l	100
12) 1,1-Dichloroethene	4.353	96	273388	142.118	ug/l	98
13) Acrolein	4.194	56	171625	863.526	ug/l	99
14) Allyl chloride	5.035	41	490852	153.858	ug/l	92
15) Acrylonitrile	5.735	53	1048372	714.344	ug/l	99
16) Acetone	4.447	43	819041	667.435	ug/l	100
17) Carbon Disulfide	4.730	76	742788	139.594	ug/l	100
18) Methyl Acetate	5.041	43	523996	146.527	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	998781	143.396	ug/l	99
20) Methylene Chloride	5.300	84	311597	135.628	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	290960	135.947	ug/l	97
22) Diisopropyl ether	6.688	45	947638	140.915	ug/l	98
23) Vinyl Acetate	6.618	43	3932872	692.189	ug/l	99
24) 1,1-Dichloroethane	6.582	63	540881	139.761	ug/l	99
25) 2-Butanone	7.494	43	1381940	692.809	ug/l	99
26) 2,2-Dichloropropane	7.500	77	450112	149.519	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	363398	141.974	ug/l	99
28) Bromochloromethane	7.824	49	290594	152.718	ug/l	98
29) Tetrahydrofuran	7.847	42	898159	691.211	ug/l	98
30) Chloroform	7.976	83	534038	138.179	ug/l	97
31) Cyclohexane	8.265	56	505795	134.766	ug/l	96
32) 1,1,1-Trichloroethane	8.176	97	462854	140.807	ug/l	99
36) 1,1-Dichloropropene	8.376	75	393166	144.584	ug/l	100
37) Ethyl Acetate	7.571	43	494000	142.706	ug/l	99
38) Carbon Tetrachloride	8.371	117	388595	145.557	ug/l	98
39) Methylcyclohexane	9.606	83	544437	146.136	ug/l	97
40) Benzene	8.612	78	1266139	142.388	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	276400	142.174	ug/l		98
42) 1,2-Dichloroethane	8.676	62	381516	141.455	ug/l		100
43) Isopropyl Acetate	8.694	43	780791	140.531	ug/l		99
44) Trichloroethene	9.359	130	302548	143.490	ug/l		96
45) 1,2-Dichloropropane	9.623	63	309047	142.856	ug/l		100
46) Dibromomethane	9.712	93	208461	145.074	ug/l		100
47) Bromodichloromethane	9.894	83	430011	145.449	ug/l		100
48) Methyl methacrylate	9.688	41	366967	143.502	ug/l		99
49) 1,4-Dioxane	9.712	88	138035	2967.116	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.447	43	2438311	728.995	ug/l		98
52) Toluene	10.635	92	793270	145.976	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	489809	148.163	ug/l		97
54) cis-1,3-Dichloropropene	10.318	75	518092	146.469	ug/l		99
55) 1,1,2-Trichloroethane	11.017	97	298151	142.588	ug/l		99
56) Ethyl methacrylate	10.876	69	533912	160.311	ug/l		98
57) 1,3-Dichloropropane	11.165	76	516391	142.363	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	1869543	941.147	ug/l		99
59) 2-Hexanone	11.200	43	1735777	805.662	ug/l		99
60) Dibromochloromethane	11.365	129	322064	147.832	ug/l		98
61) 1,2-Dibromoethane	11.470	107	314606	146.790	ug/l		99
64) Tetrachloroethene	11.106	164	245122	139.048	ug/l		97
65) Chlorobenzene	11.894	112	860345	140.041	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	282739	143.171	ug/l		99
67) Ethyl Benzene	11.964	91	1517883	143.438	ug/l		98
68) m/p-Xylenes	12.070	106	1175378	290.155	ug/l		99
69) o-Xylene	12.400	106	566301	145.966	ug/l		100
70) Styrene	12.411	104	972318	146.459	ug/l		100
71) Bromoform	12.582	173	223200	152.538	ug/l	#	99
73) Isopropylbenzene	12.694	105	1453651	146.042	ug/l		100
74) N-amyl acetate	12.500	43	543747	164.596	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.941	83	474426	140.693	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	468041m	143.665	ug/l		
77) Bromobenzene	12.982	156	335734	147.077	ug/l		98
78) n-propylbenzene	13.035	91	1769694	146.301	ug/l		99
79) 2-Chlorotoluene	13.123	91	1046916	144.317	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	1210325	147.279	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	216253	153.277	ug/l		95
82) 4-Chlorotoluene	13.223	91	1063581	144.900	ug/l		100
83) tert-Butylbenzene	13.435	119	1093406	145.352	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	1216529	147.626	ug/l		100
85) sec-Butylbenzene	13.617	105	1582762	144.885	ug/l		99
86) p-Isopropyltoluene	13.729	119	1322780	146.482	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	641966	142.939	ug/l		100
88) 1,4-Dichlorobenzene	13.811	146	646188	141.124	ug/l		99
89) n-Butylbenzene	14.053	91	1251819	143.117	ug/l		100
90) Hexachloroethane	14.335	117	230195	150.387	ug/l		98
91) 1,2-Dichlorobenzene	14.105	146	613177	142.108	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	110677	137.242	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	407621	147.940	ug/l		99
94) Hexachlorobutadiene	15.500	225	151172	147.264	ug/l		98
95) Naphthalene	15.641	128	1545981	150.743	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	404450	147.743	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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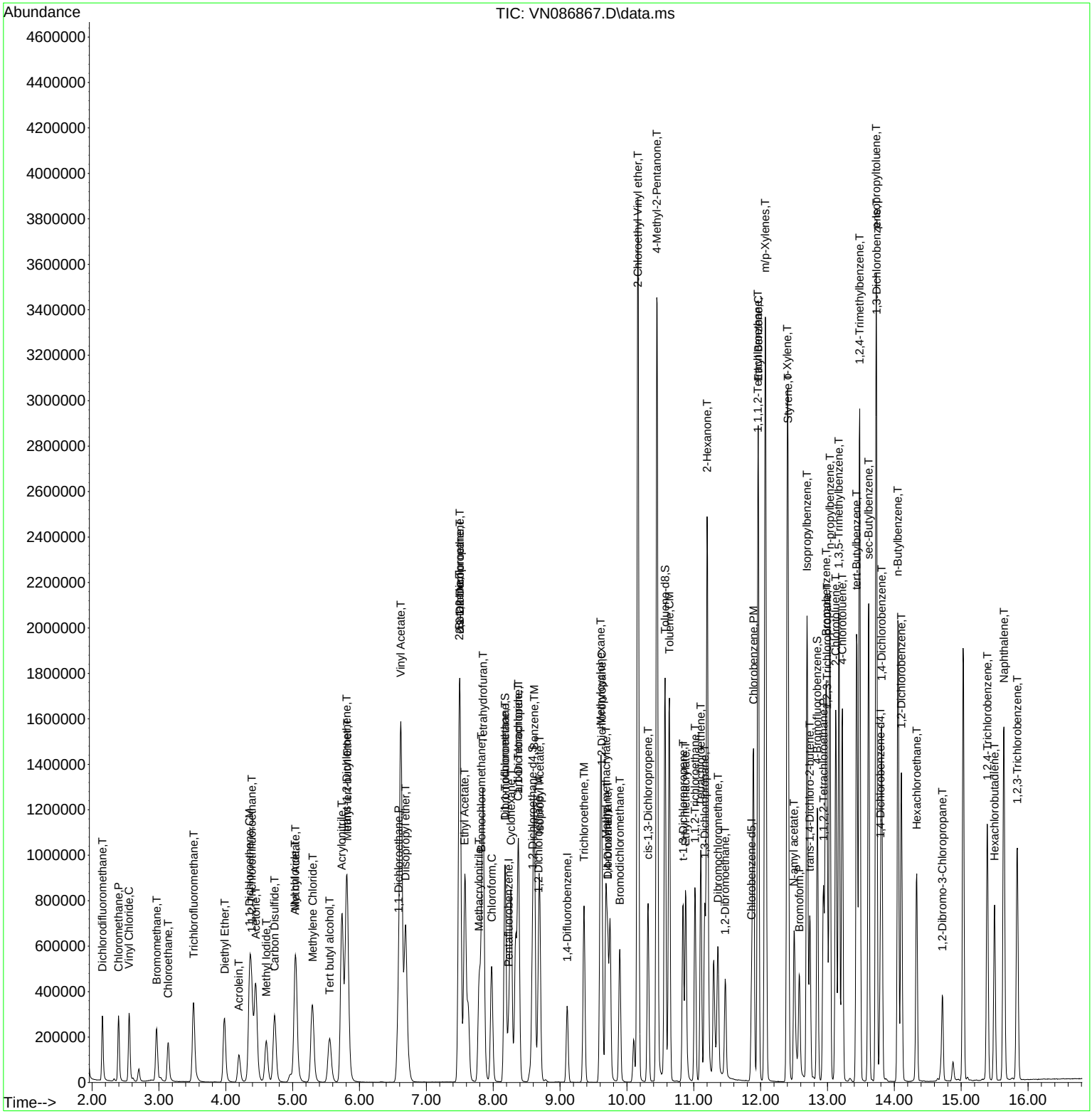
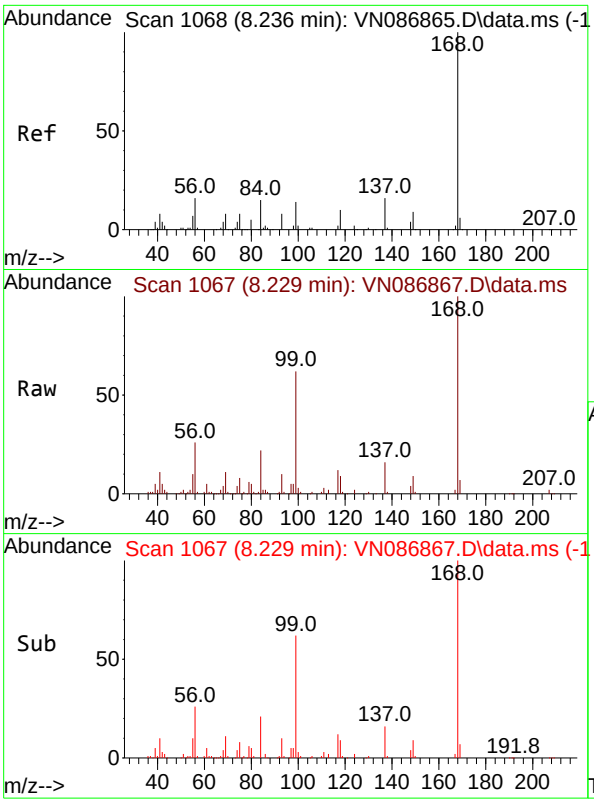
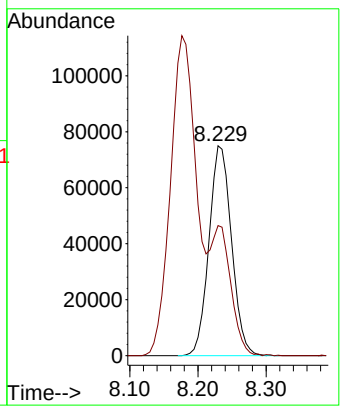




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:168 Resp: 17283

Ion	Ratio	Lower	Upper
168	100		
99	61.8	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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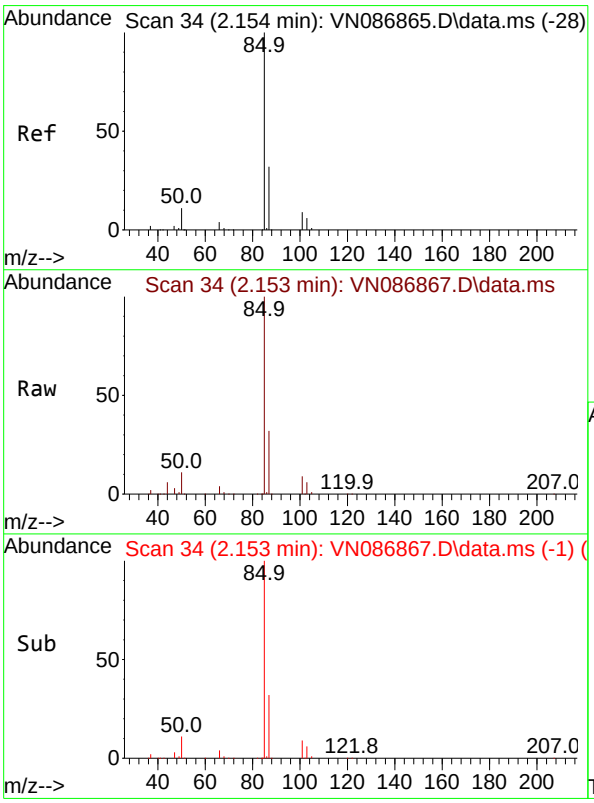
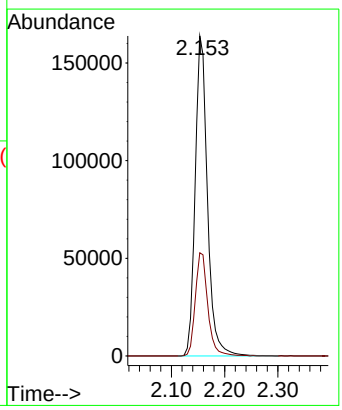
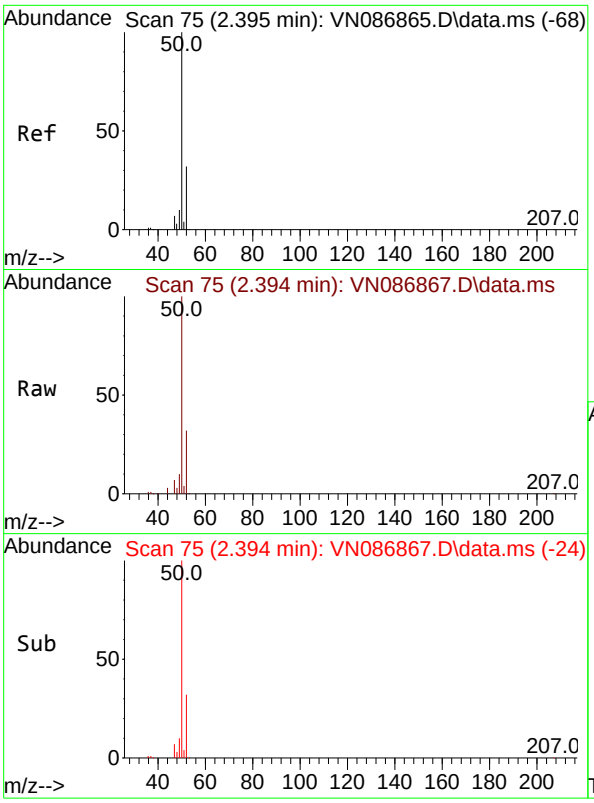


#2
Dichlorodifluoromethane
Concen: 152.122 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 85 Resp: 262143

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.2	48.6

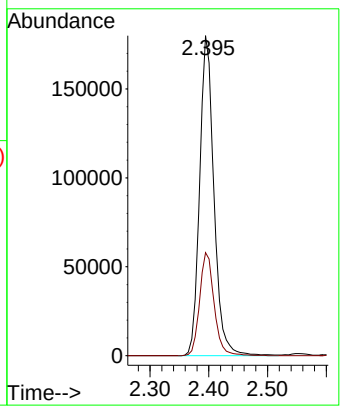




#3
Chloromethane
Concen: 136.865 ug/l
RT: 2.394 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 50 Resp: 30455

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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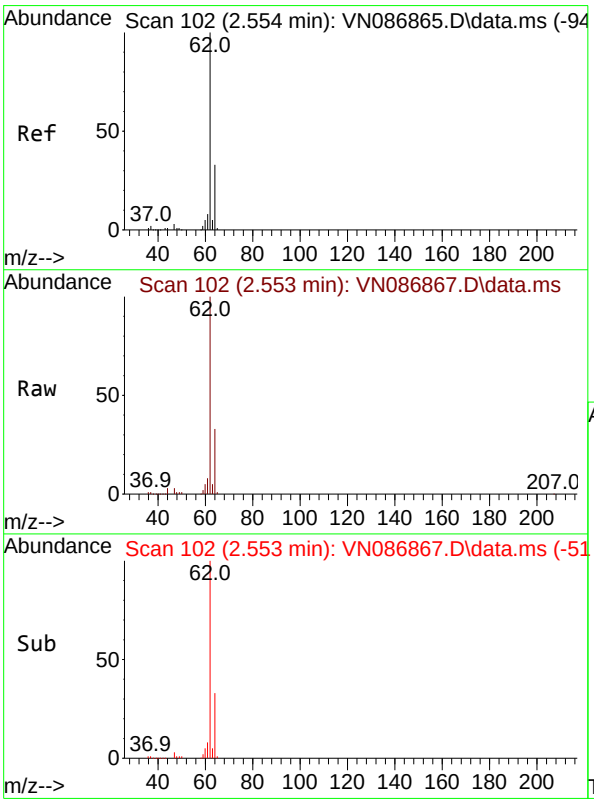
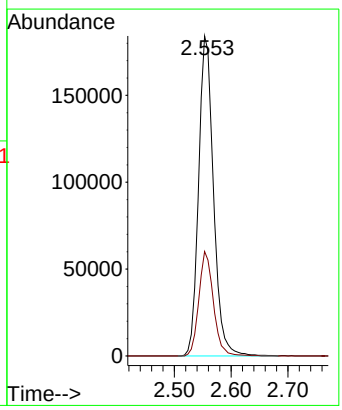
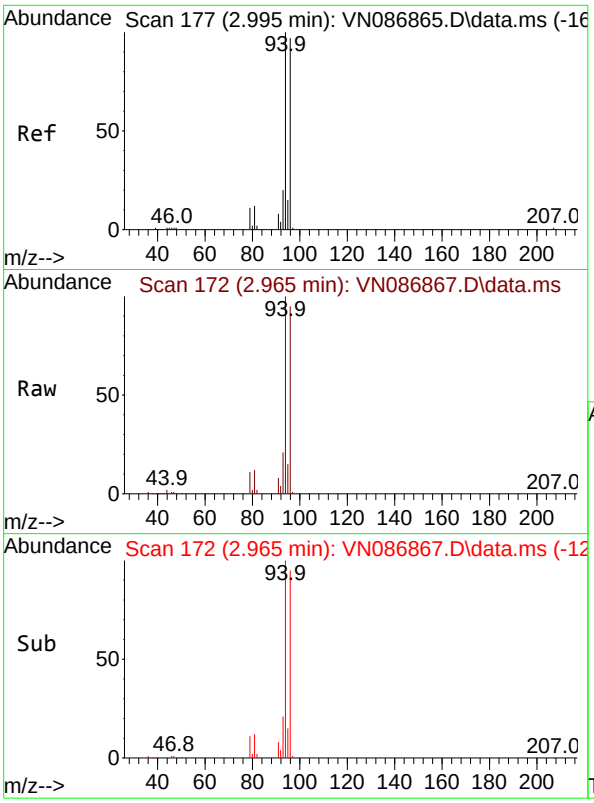


#4
Vinyl Chloride
Concen: 146.303 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 62 Resp: 335834

Ion	Ratio	Lower	Upper
62	100		
64	32.6	26.0	39.0

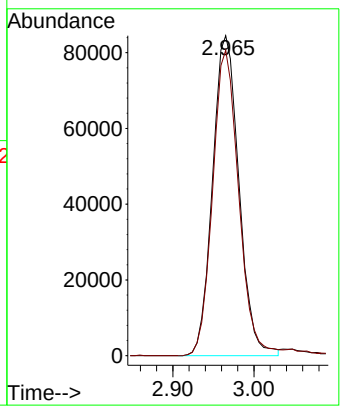




#5
Bromomethane
Concen: 148.522 ug/l
RT: 2.965 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 94 Resp: 19078

Ion	Ratio	Lower	Upper
94	100		
96	95.5	77.9	116.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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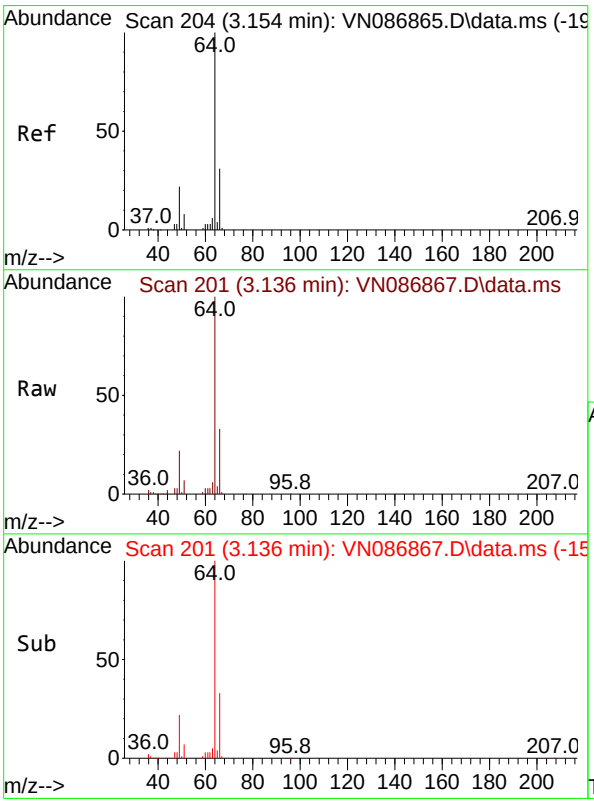
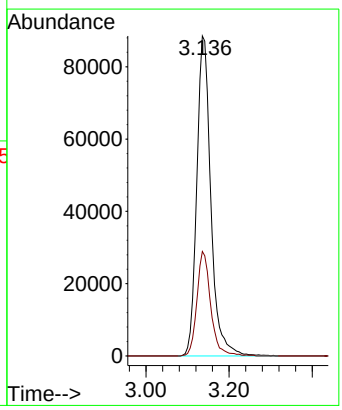
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

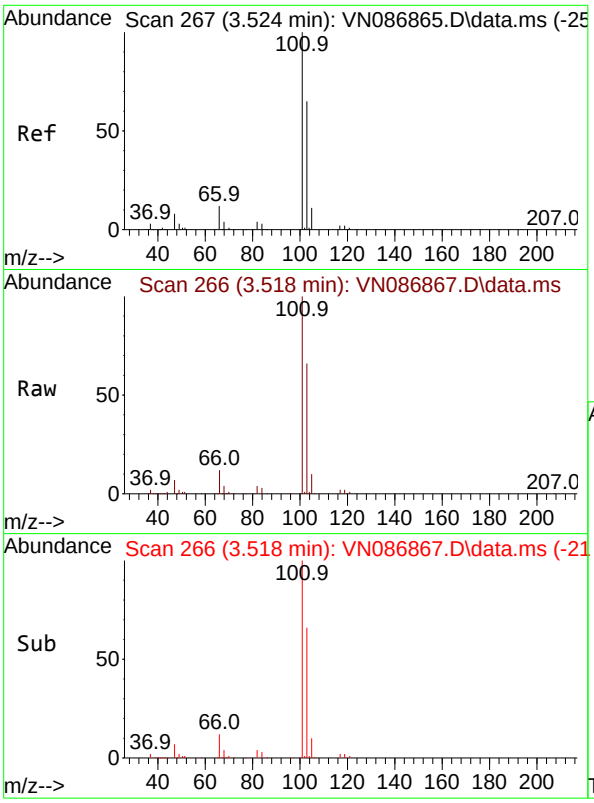


#6
Chloroethane
Concen: 140.664 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.018 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 64 Resp: 208568

Ion	Ratio	Lower	Upper
64	100		
66	32.7	24.6	36.8

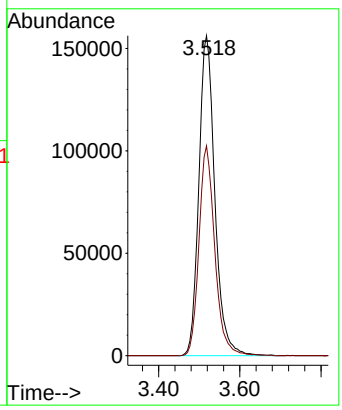




#7
Trichlorofluoromethane
Concen: 142.666 ug/l
RT: 3.518 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:101 Resp: 42787

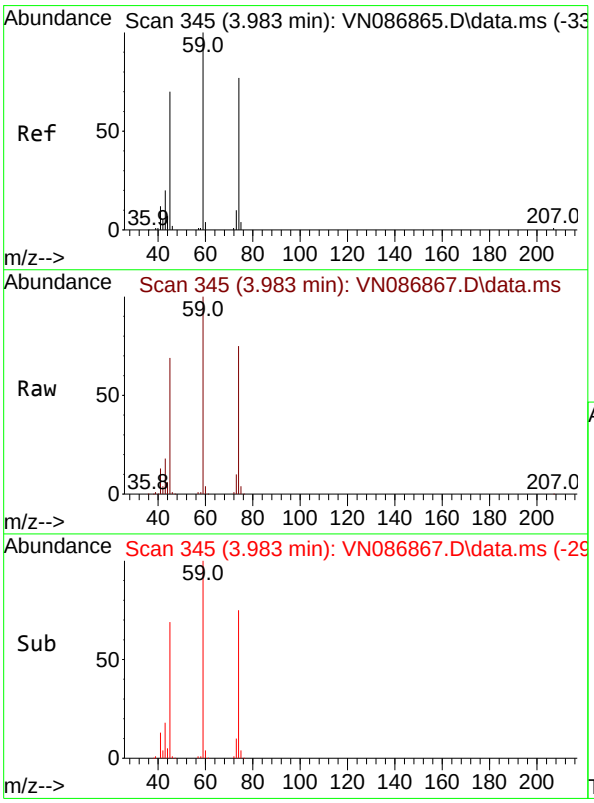
Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

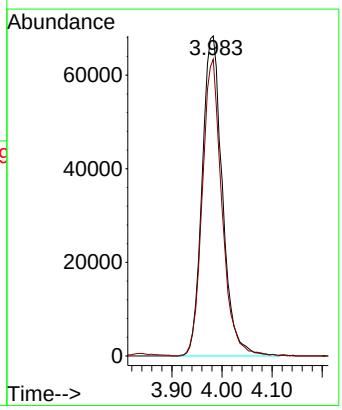
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

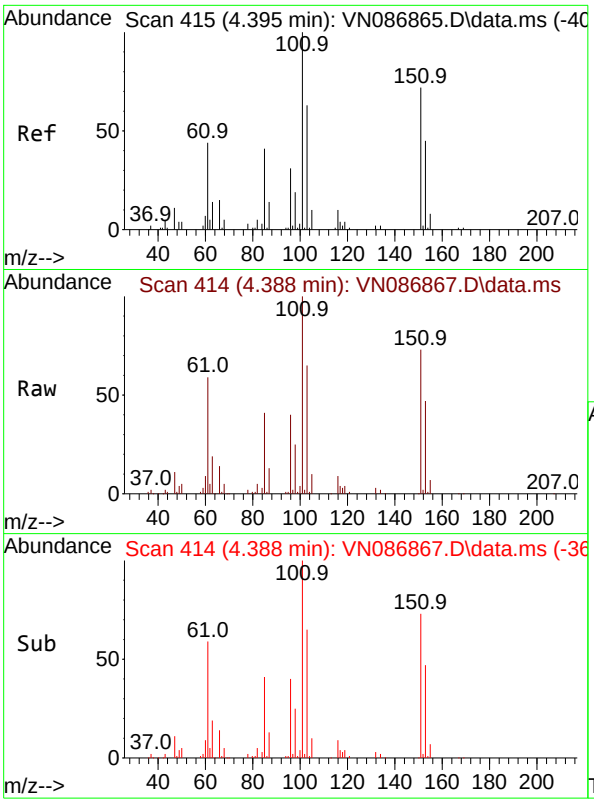


#8
Diethyl Ether
Concen: 146.593 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 74 Resp: 191555

Ion	Ratio	Lower	Upper
74	100		
45	90.3	45.5	136.5

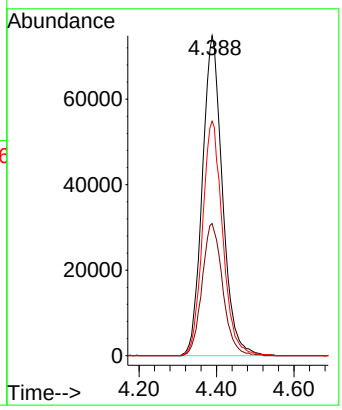




#9
1,1,2-Trichlorotrifluoroethane
Concen: 143.192 ug/l
RT: 4.388 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:101 Resp: 26981

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.8	50.8
151	73.5	58.7	88.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 06/09/2025
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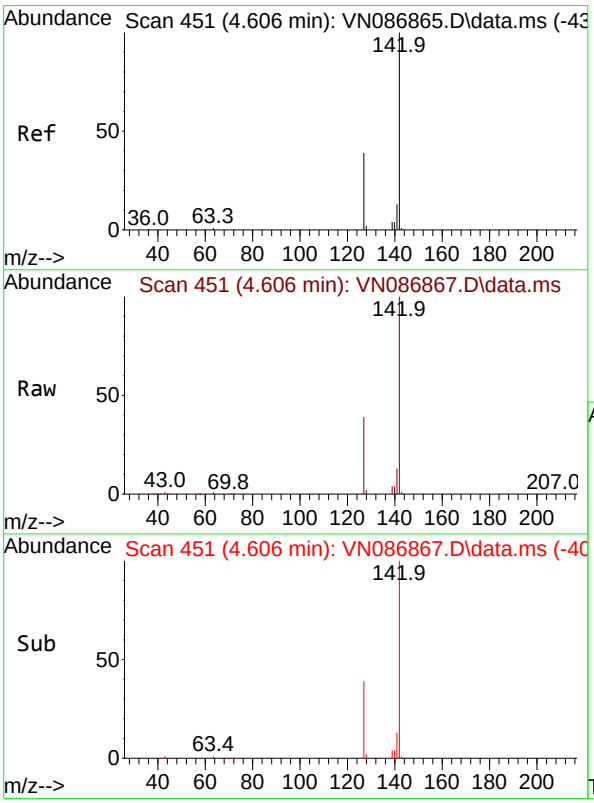
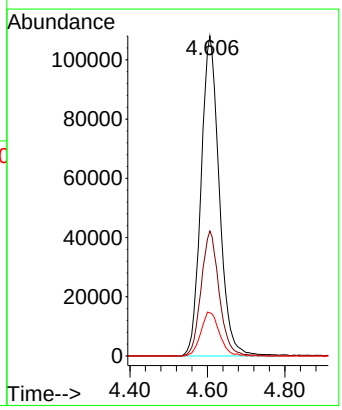
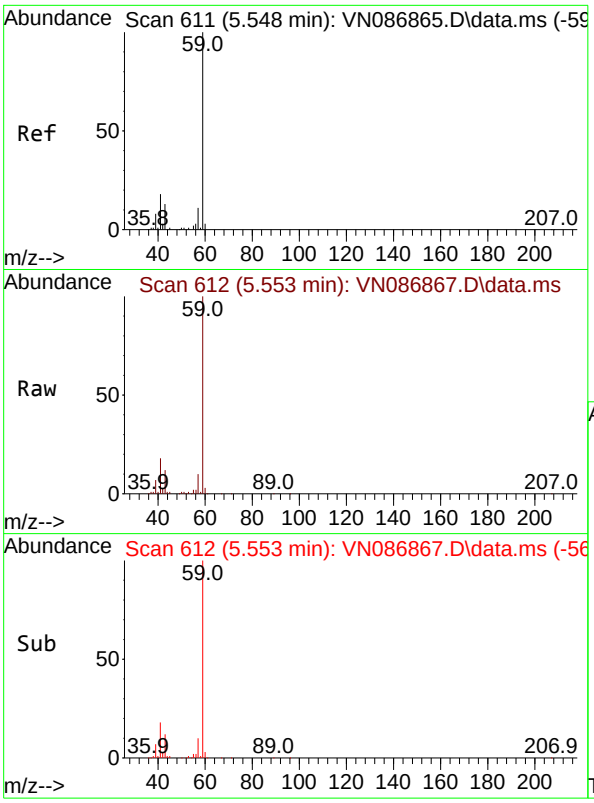


#10
Methyl Iodide
Concen: 144.118 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:142 Resp: 352020

Ion	Ratio	Lower	Upper
142	100		
127	39.1	30.9	46.3
141	13.5	10.4	15.6

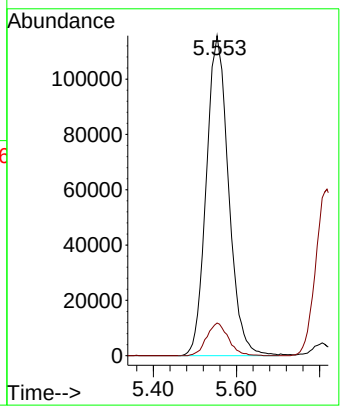




#11
Tert butyl alcohol
Concen: 686.213 ug/l
RT: 5.553 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 59 Resp: 43086

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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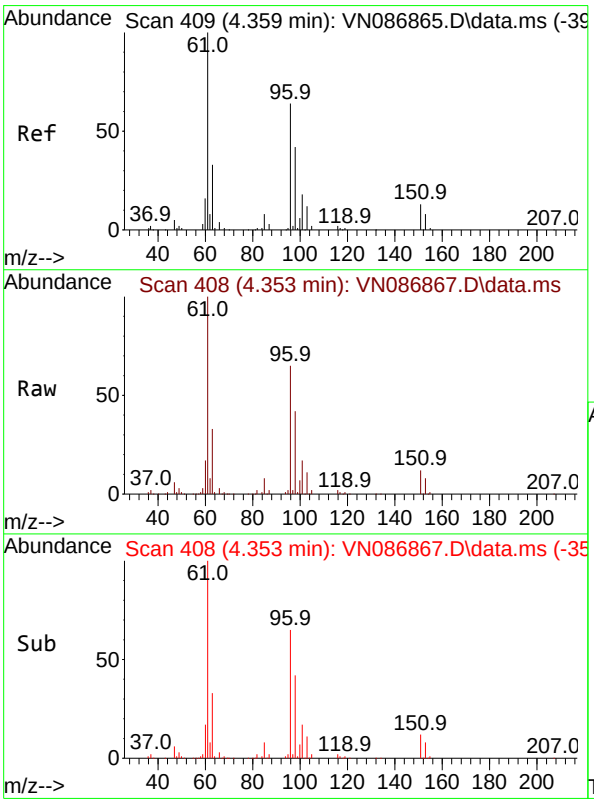
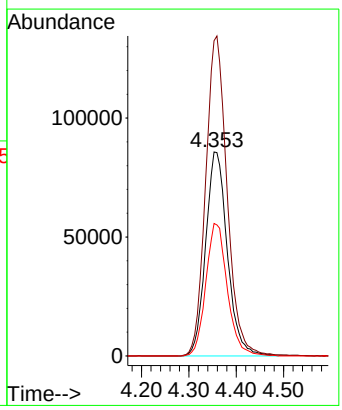
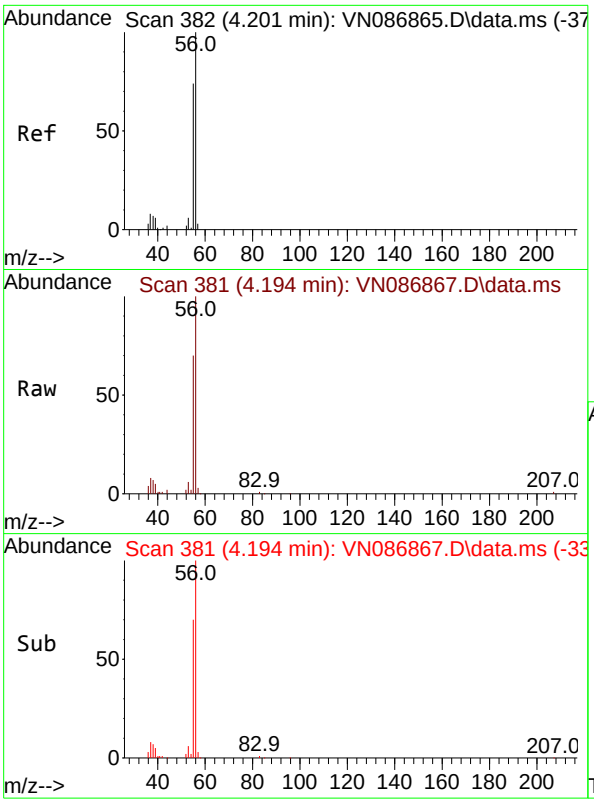


#12
1,1-Dichloroethene
Concen: 142.118 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 96 Resp: 273388

Ion	Ratio	Lower	Upper
96	100		
61	154.5	125.8	188.6
98	64.9	52.5	78.7

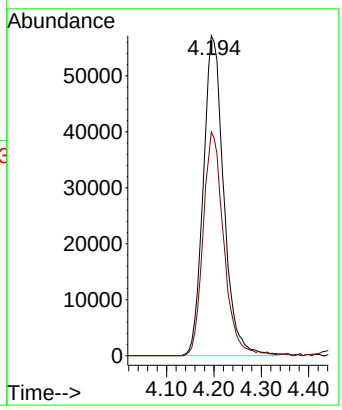




#13
Acrolein
Concen: 863.526 ug/l
RT: 4.194 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 56 Resp: 17162

Ion	Ratio	Lower	Upper
56	100		
55	70.4	55.6	83.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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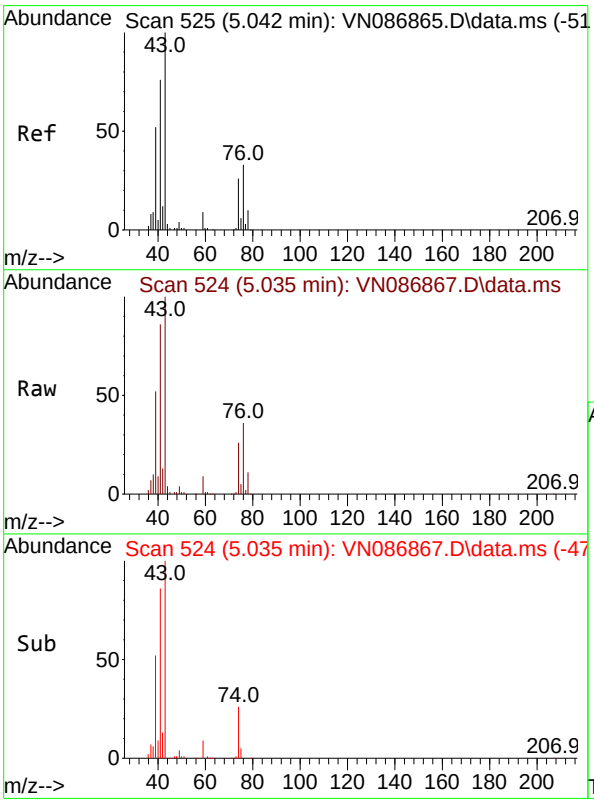
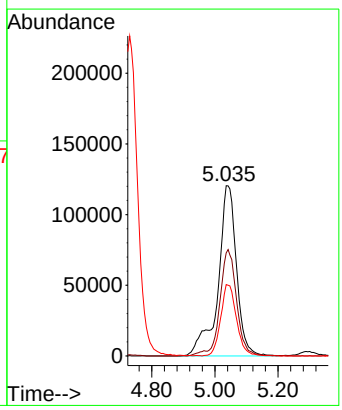
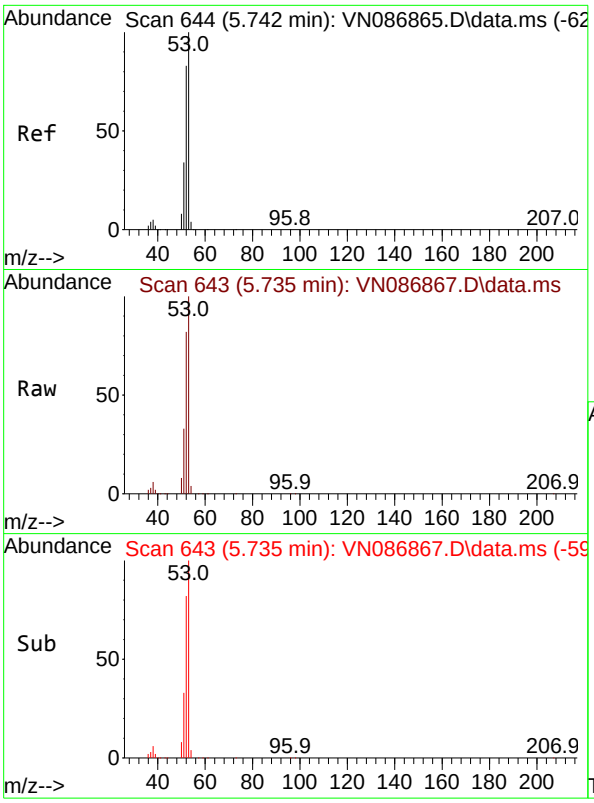


#14
Allyl chloride
Concen: 153.858 ug/l
RT: 5.035 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 41 Resp: 490852

Ion	Ratio	Lower	Upper
41	100		
39	56.4	51.3	76.9
76	35.7	31.4	47.0





#15
Acrylonitrile
Concen: 714.344 ug/l
RT: 5.735 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 53 Resp: 104837

Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.0	97.6
51	33.8	27.2	40.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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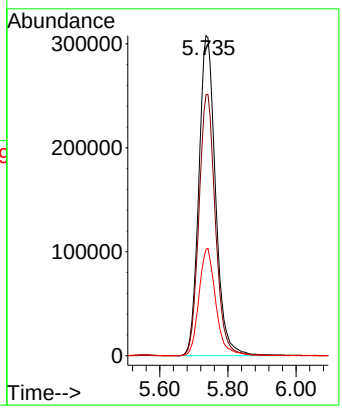
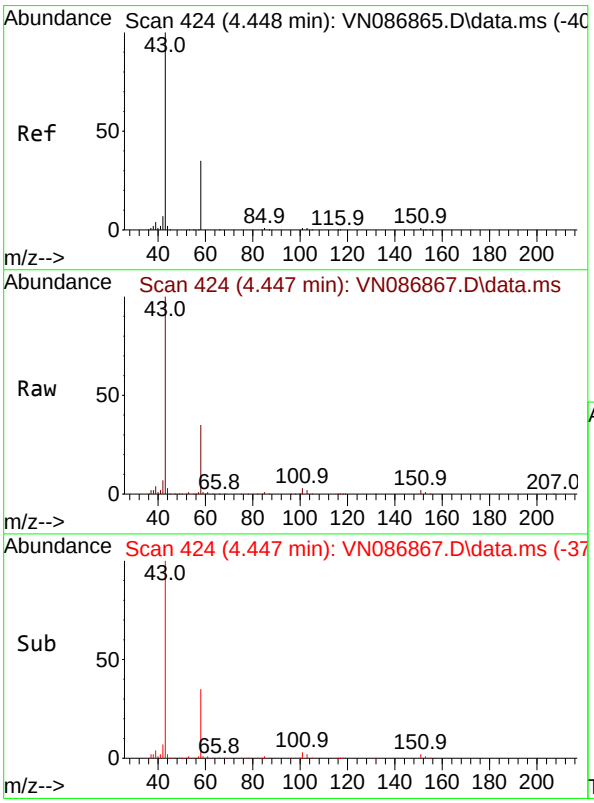
Supervised By :Mahesh Dadoda 06/09/2025

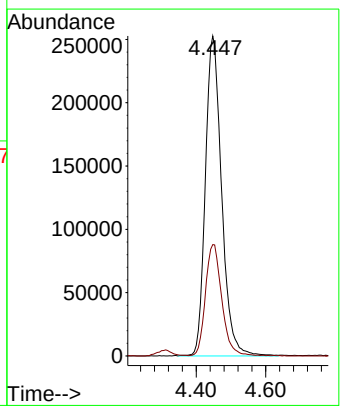


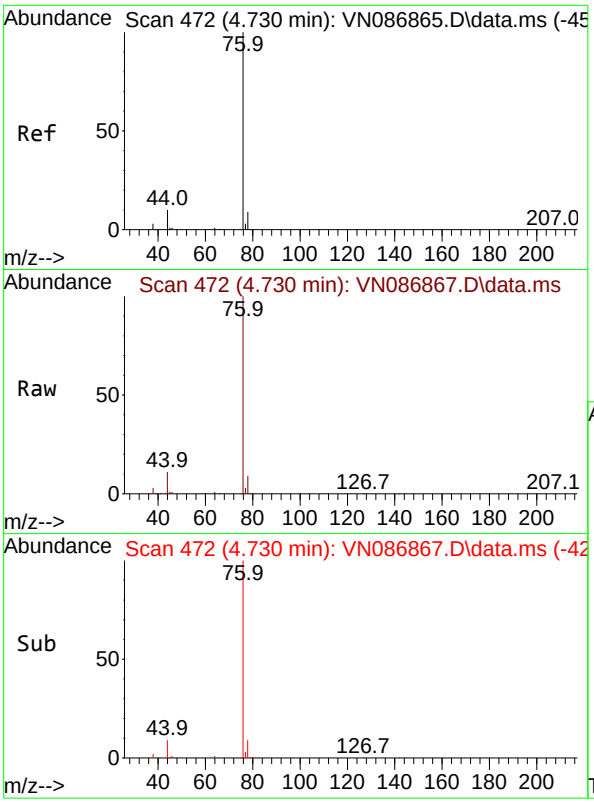


#16
Acetone
Concen: 667.435 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 819041

Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.0	42.0

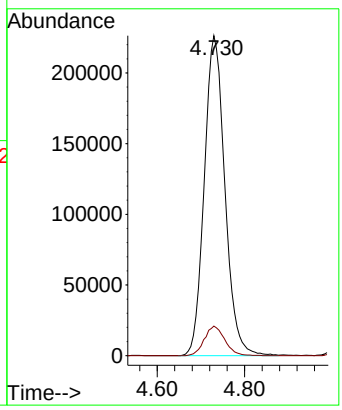




#17
Carbon Disulfide
Concen: 139.594 ug/l
RT: 4.730 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 76 Resp: 74278

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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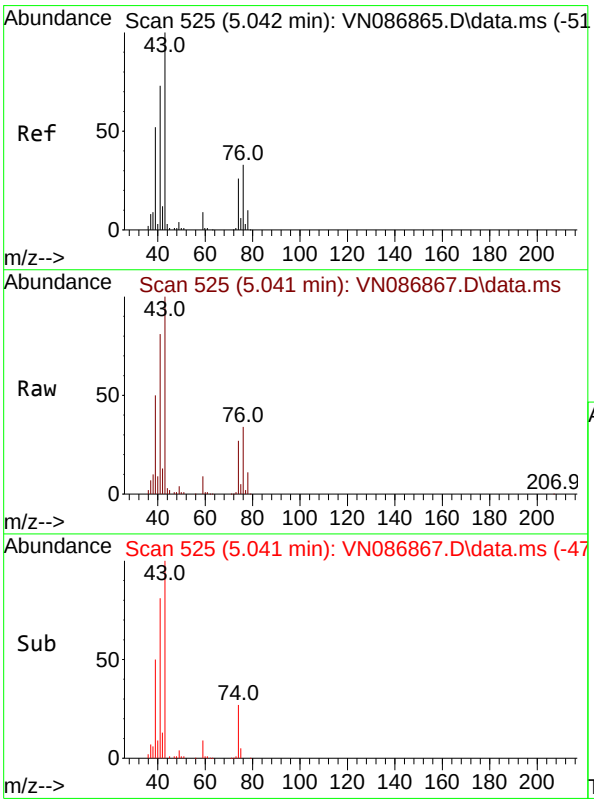
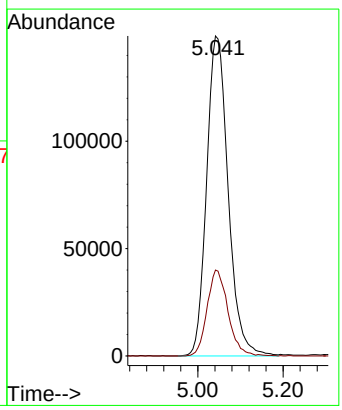
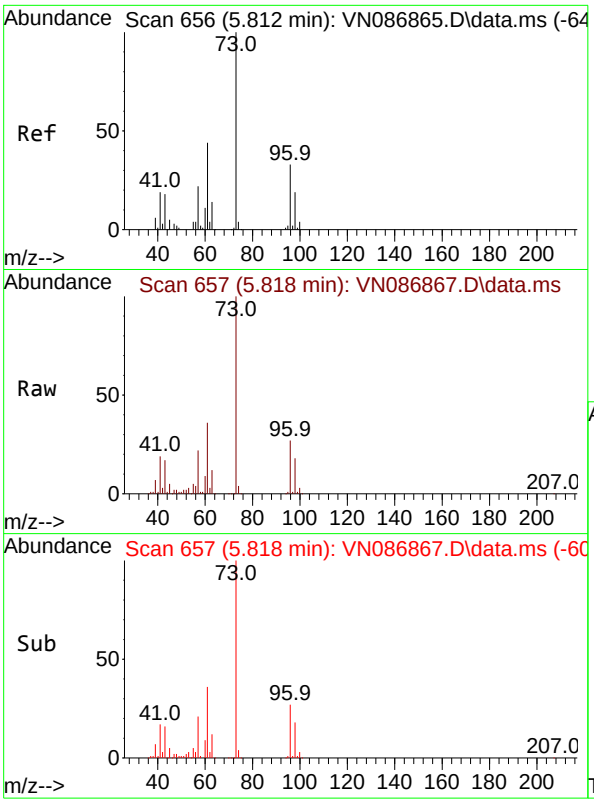


#18
Methyl Acetate
Concen: 146.527 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 523996

Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.7	31.1

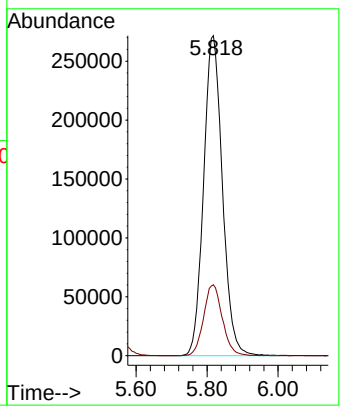




#19
Methyl tert-butyl Ether
Concen: 143.396 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 73 Resp: 99878

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.4	26.2



Instrument :
MSVOA_N
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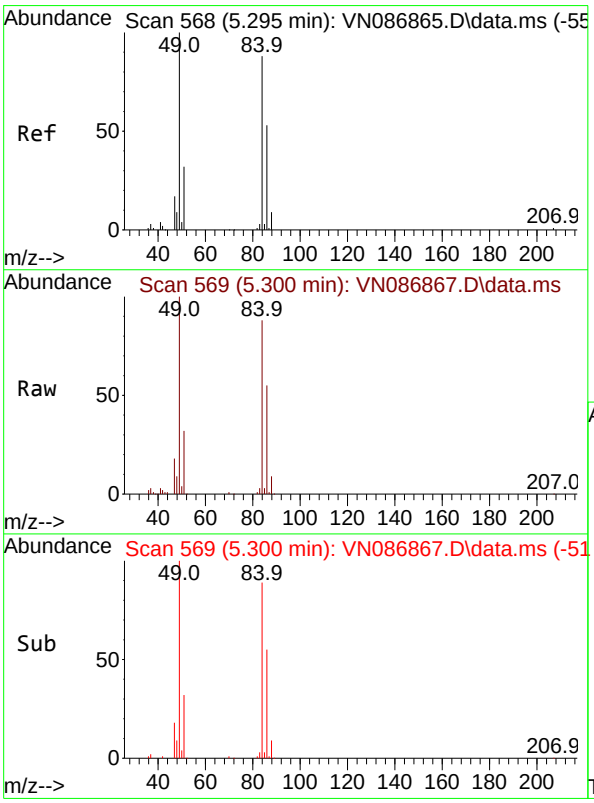
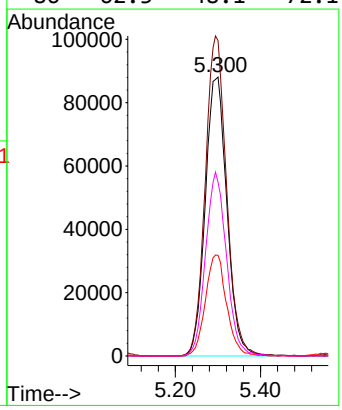
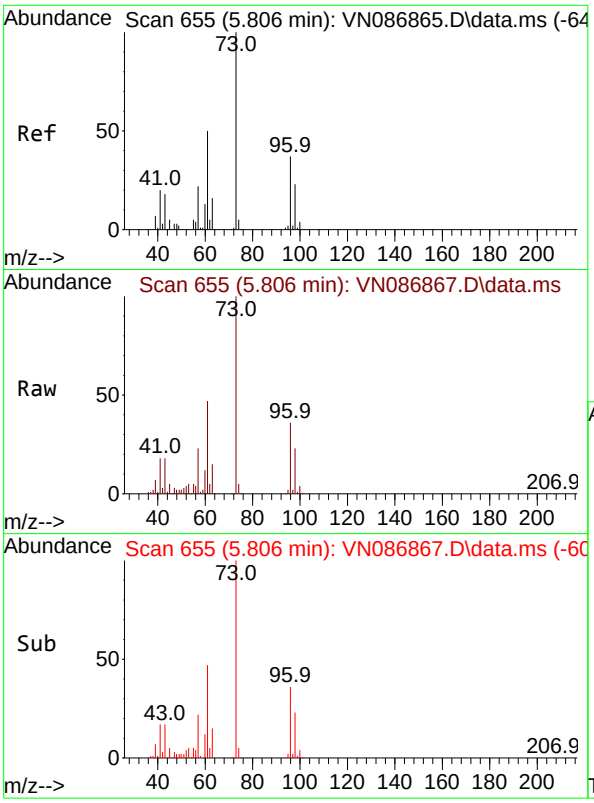


#20
Methylene Chloride
Concen: 135.628 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 84 Resp: 311597

Ion	Ratio	Lower	Upper
84	100		
49	113.0	90.5	135.7
51	36.1	28.5	42.7
86	62.3	48.1	72.1

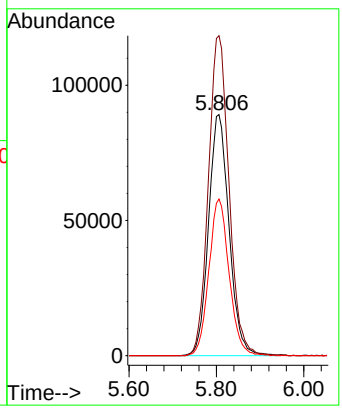




#21
trans-1,2-Dichloroethene
Concen: 135.947 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 96 Resp: 29096

Ion	Ratio	Lower	Upper
96	100		
61	132.7	109.2	163.8
98	65.0	49.8	74.8



Instrument :
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ClientSampleId :
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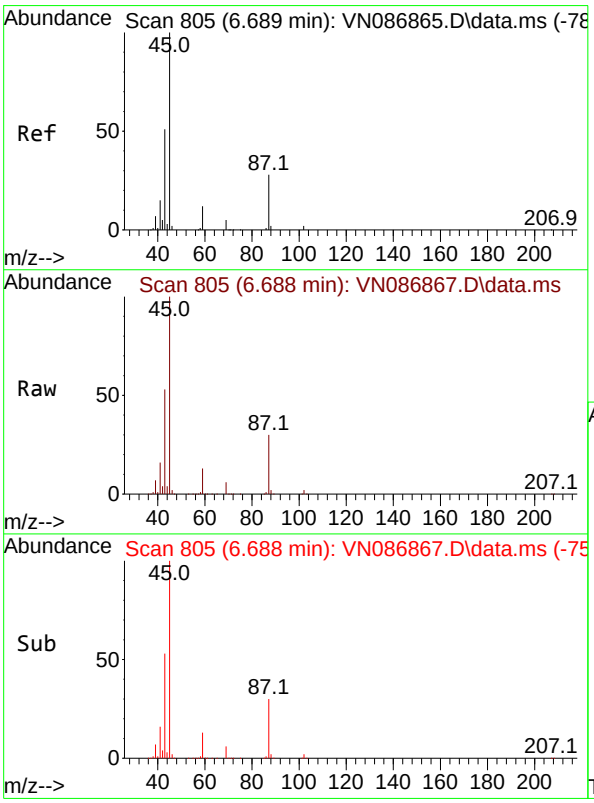
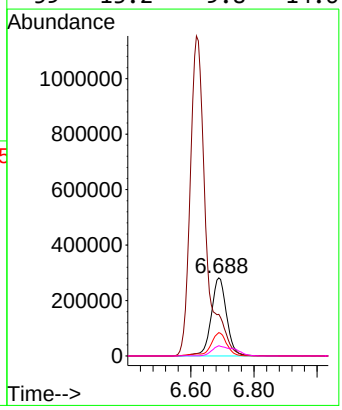
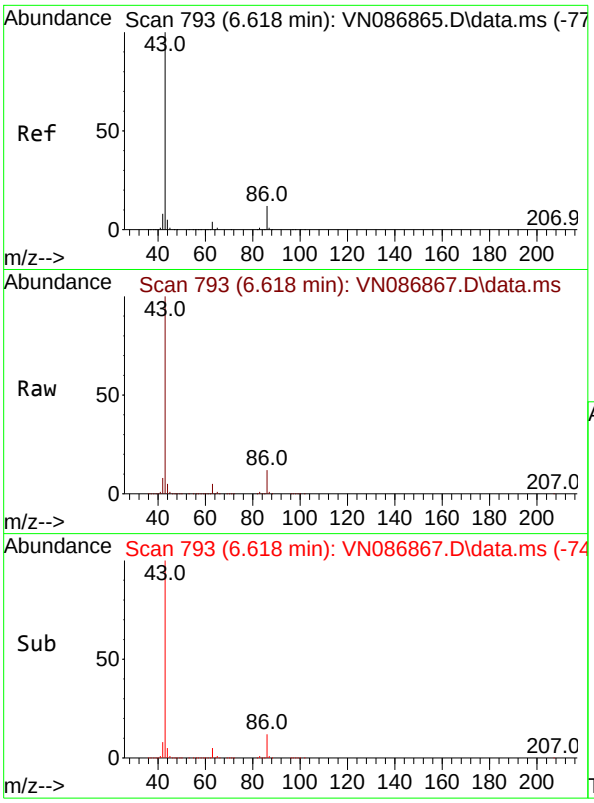


#22
Diisopropyl ether
Concen: 140.915 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 45 Resp: 947638

Ion	Ratio	Lower	Upper
45	100		
43	53.1	41.9	62.9
87	29.9	22.4	33.6
59	13.2	9.8	14.6





#23
Vinyl Acetate
Concen: 692.189 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 393287

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.5	14.3

Instrument :
MSVOA_N
ClientSampleId :
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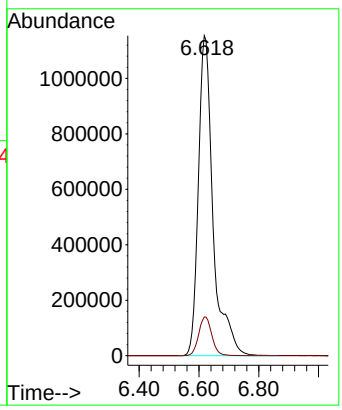
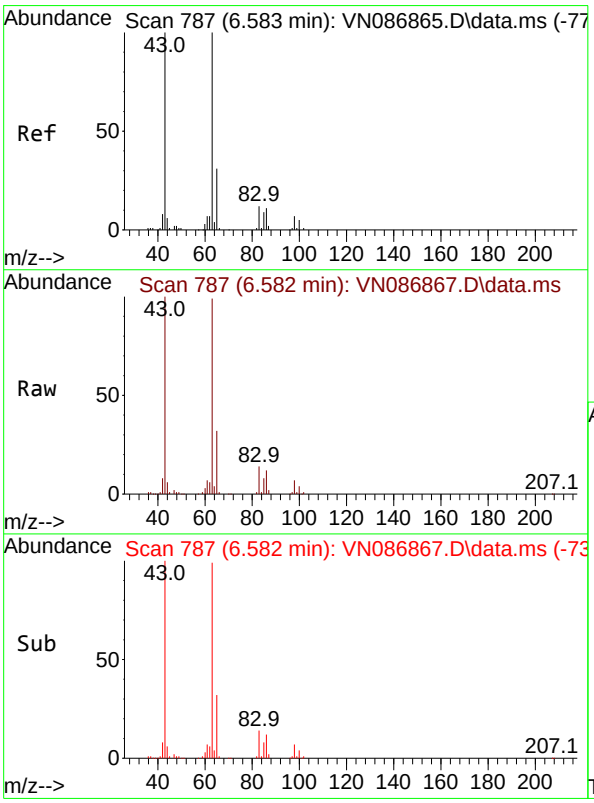
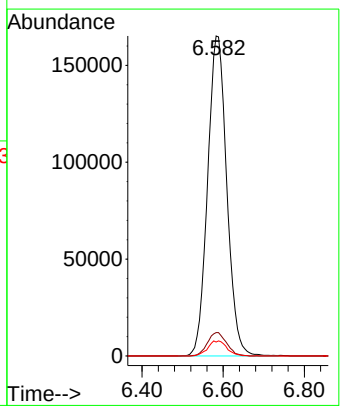


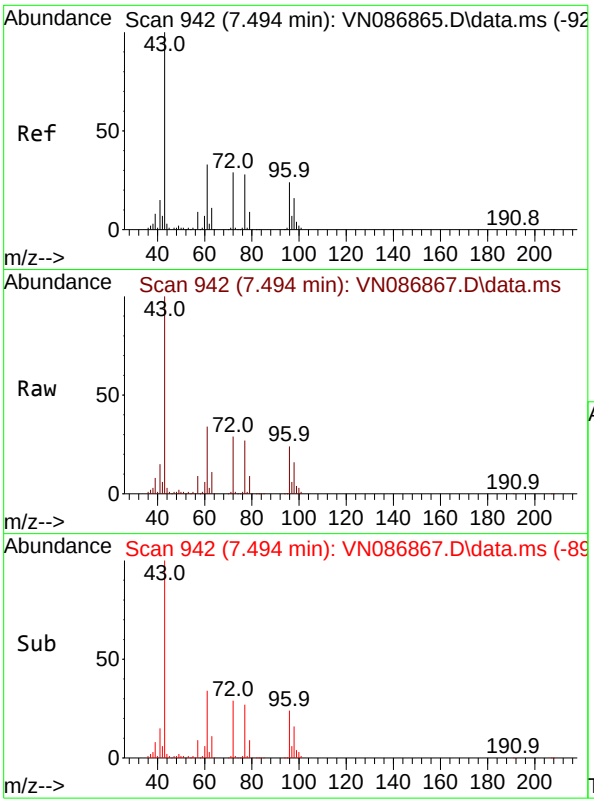


#24
1,1-Dichloroethane
Concen: 139.761 ug/l
RT: 6.582 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 63 Resp: 540881

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	4.4	2.6	7.8

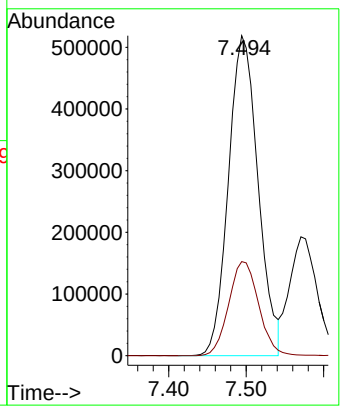




#25
2-Butanone
Concen: 692.809 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 138194

Ion	Ratio	Lower	Upper
43	100		
72	29.4	23.0	34.6



Instrument :
MSVOA_N
ClientSampleId :
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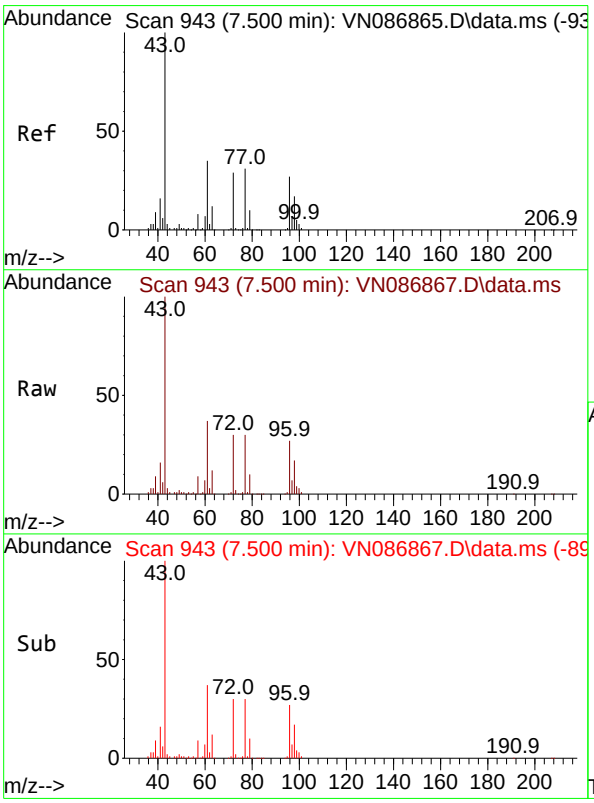
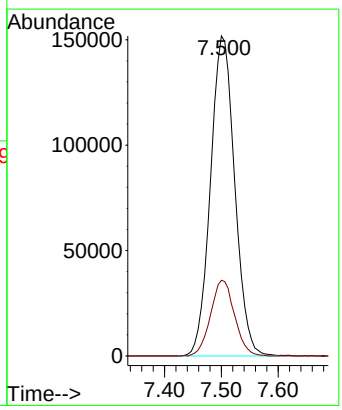
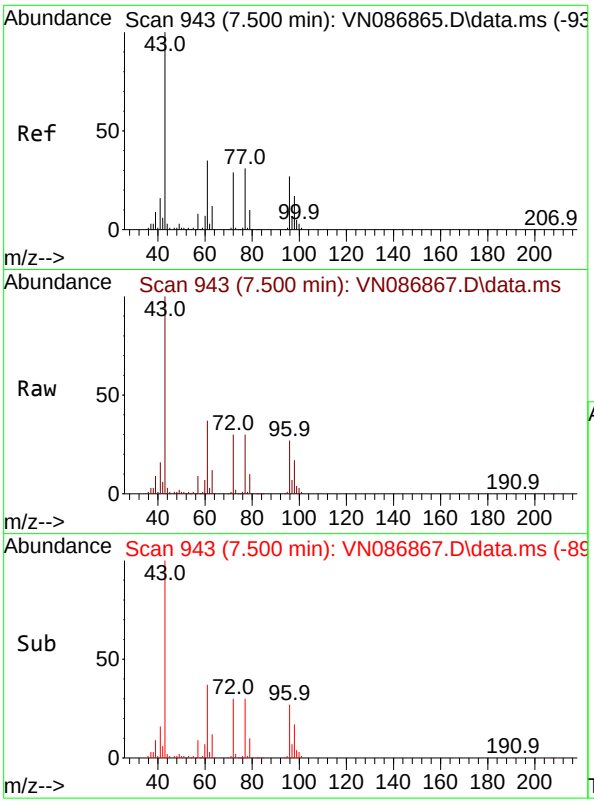


#26
2,2-Dichloropropane
Concen: 149.519 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 77 Resp: 450112

Ion	Ratio	Lower	Upper
77	100		
97	23.4	11.6	34.7

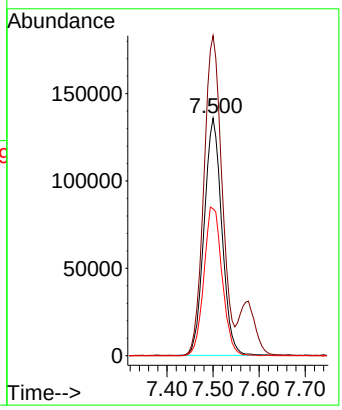




#27
cis-1,2-Dichloroethene
Concen: 141.974 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 96 Resp: 36339

Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	278.0
98	64.5	0.0	128.2



Instrument :
MSVOA_N
ClientSampleId :
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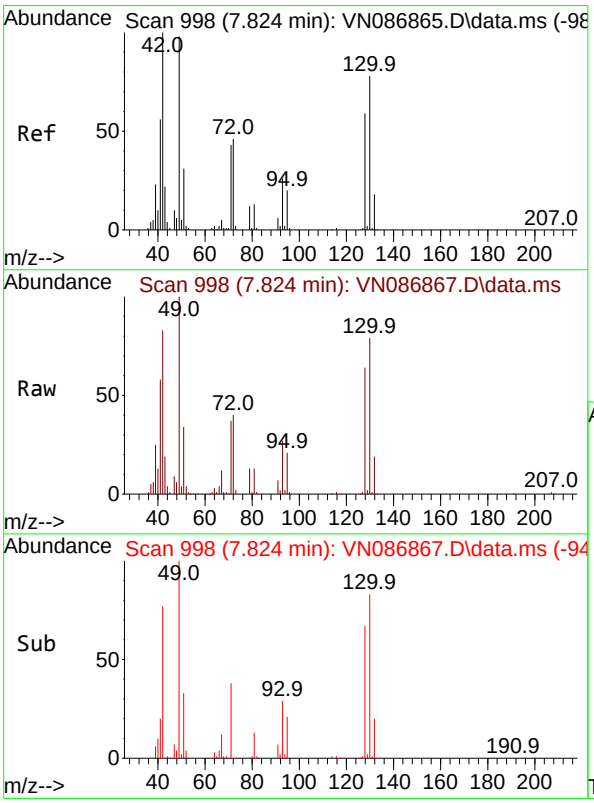
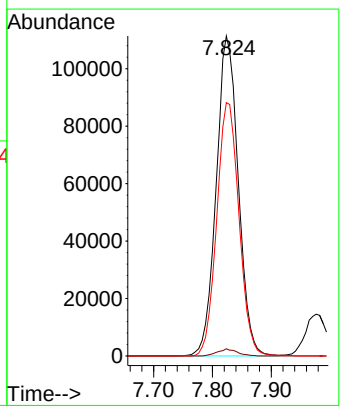
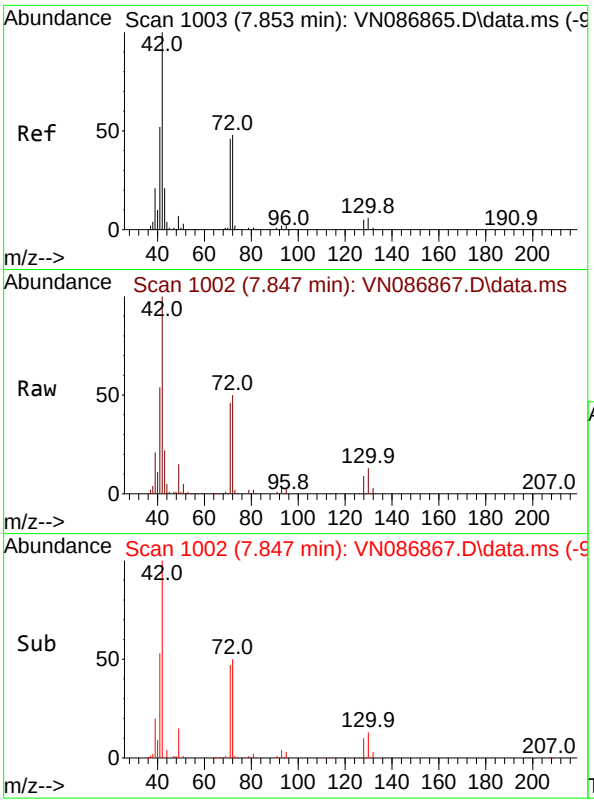


#28
Bromochloromethane
Concen: 152.718 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 49 Resp: 290594

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	79.8	62.2	93.2

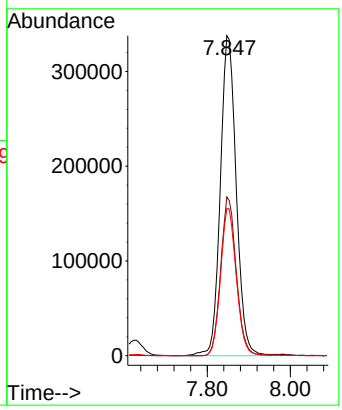




#29
Tetrahydrofuran
Concen: 691.211 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 42 Resp: 89815

Ion	Ratio	Lower	Upper
42	100		
72	48.5	37.8	56.6
71	45.4	35.6	53.4



Instrument :
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ClientSampleId :
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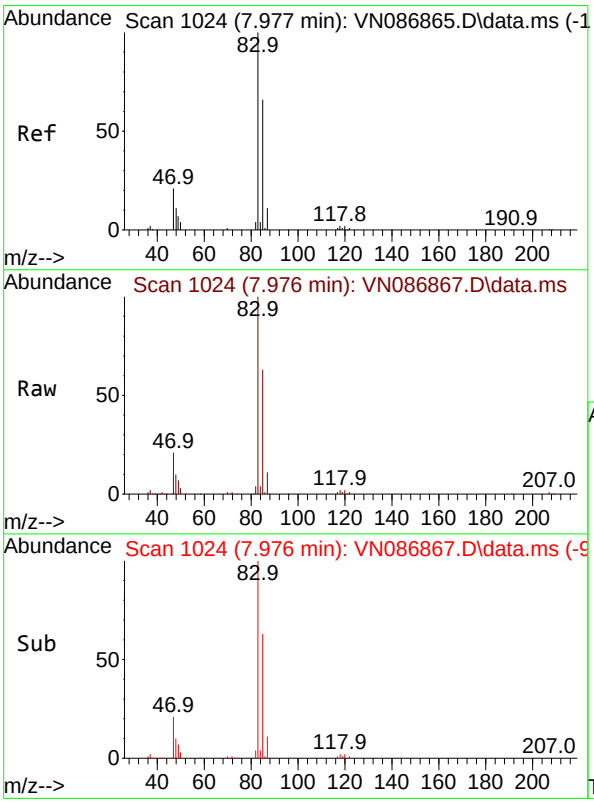
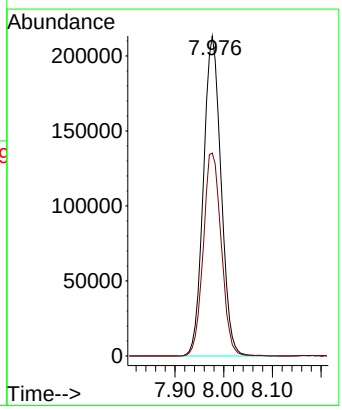
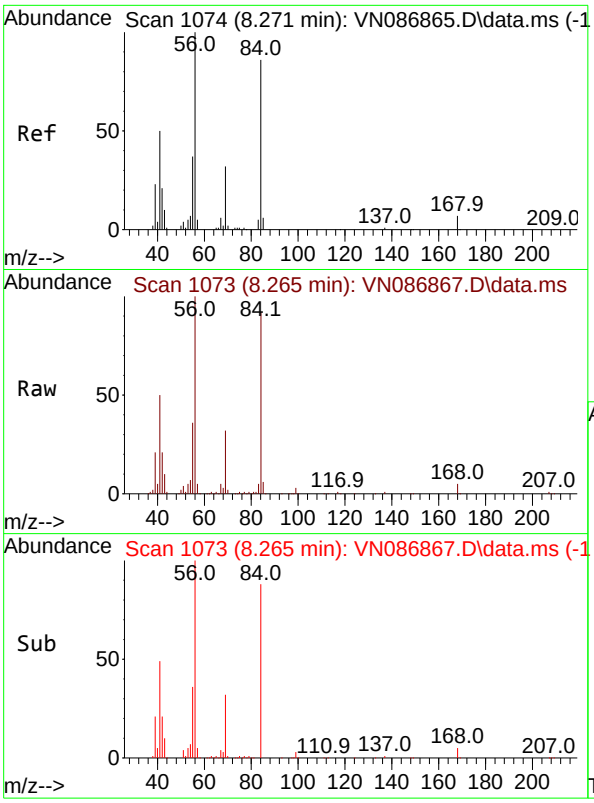


#30
Chloroform
Concen: 138.179 ug/l
RT: 7.976 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 83 Resp: 534038

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.9	79.3

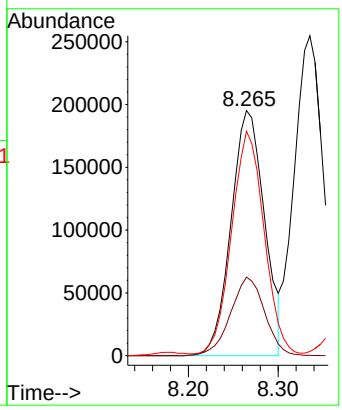




#31
Cyclohexane
Concen: 134.766 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 56 Resp: 50579

Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.4	38.0
84	90.6	68.8	103.2



Instrument :
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ClientSampleId :
VSTDICC150

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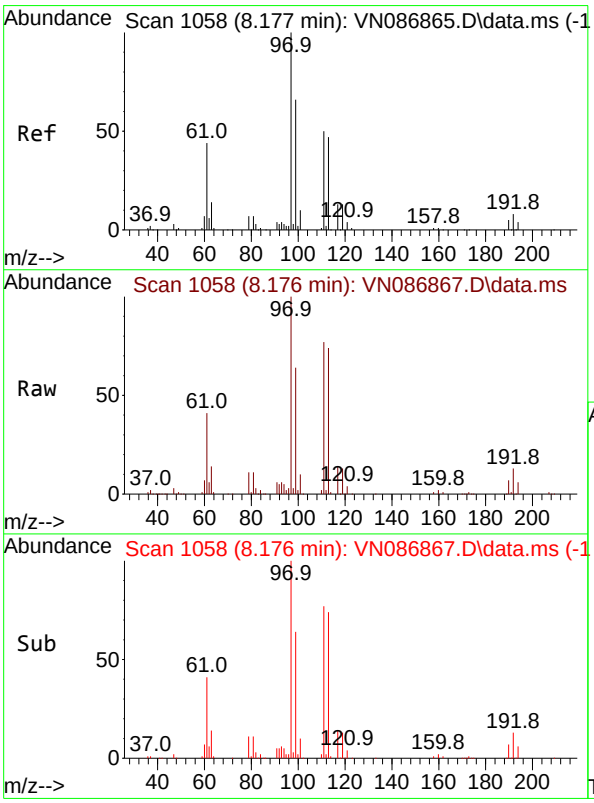
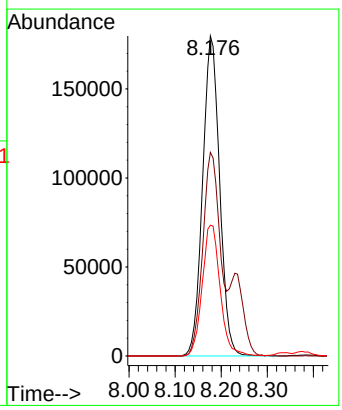
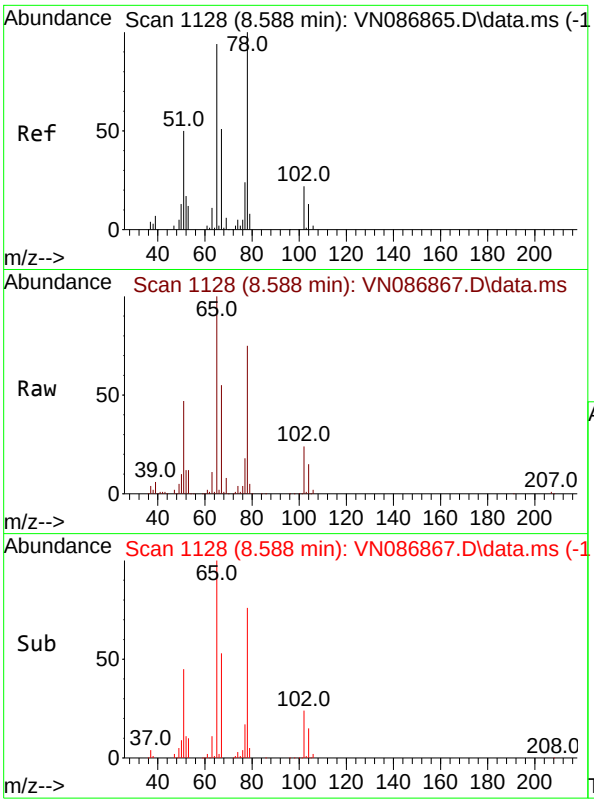


#32
1,1,1-Trichloroethane
Concen: 140.807 ug/l
RT: 8.176 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 97 Resp: 462854

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	43.2	35.9	53.9





#33
1,2-Dichloroethane-d4
Concen: 168.233 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 65 Resp: 38929

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	105.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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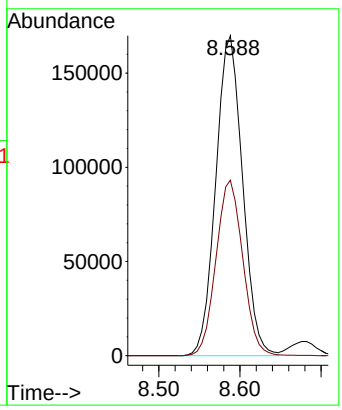
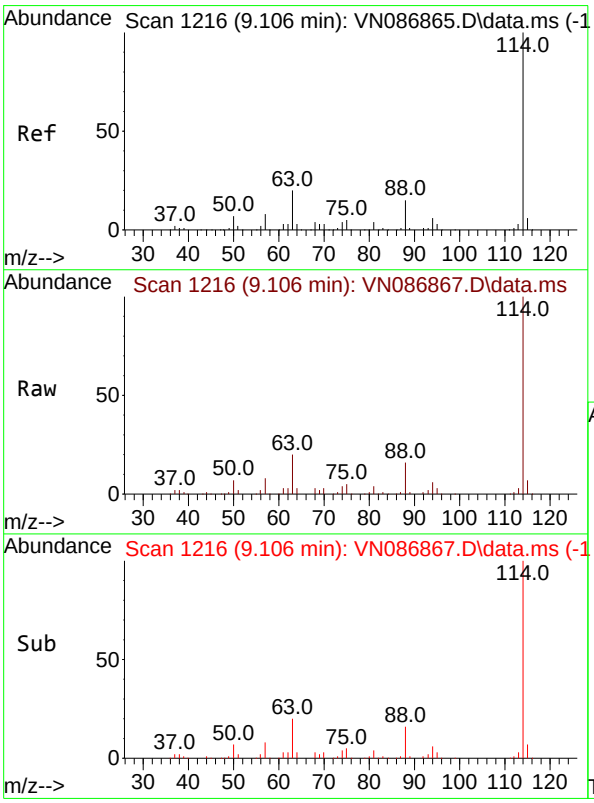
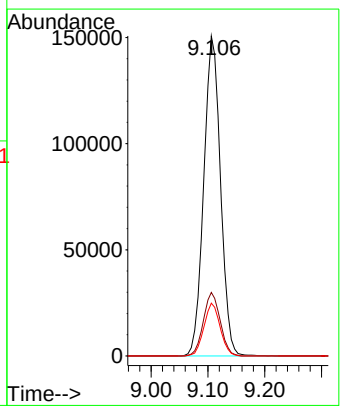


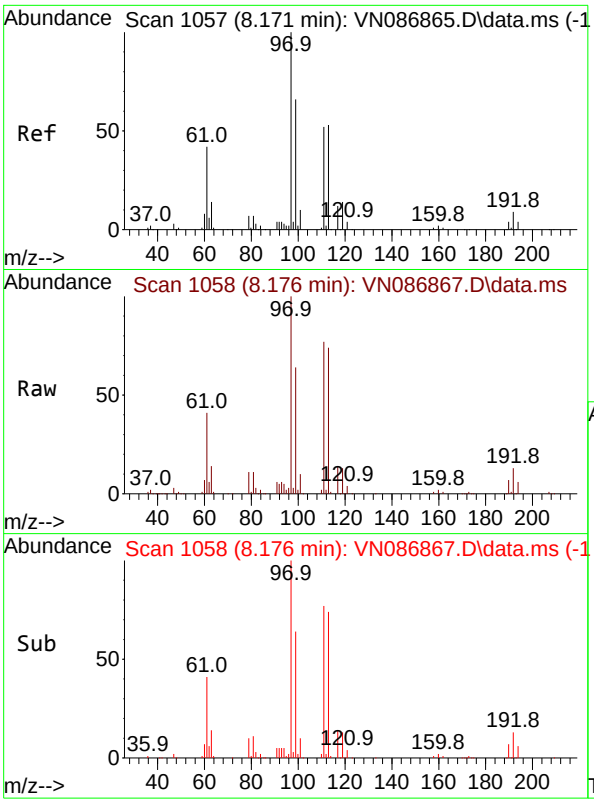


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:114 Resp: 307937

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	16.5	0.0	30.2

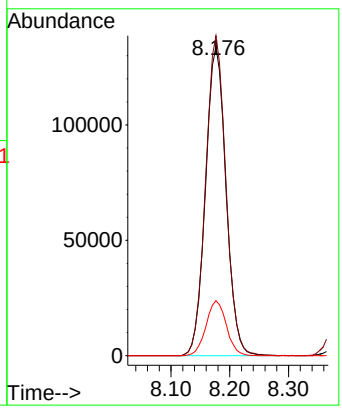




#35
Dibromofluoromethane
Concen: 177.803 ug/l
RT: 8.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:113 Resp: 32447

Ion	Ratio	Lower	Upper
113	100		
111	102.5	84.2	126.2
192	17.7	14.2	21.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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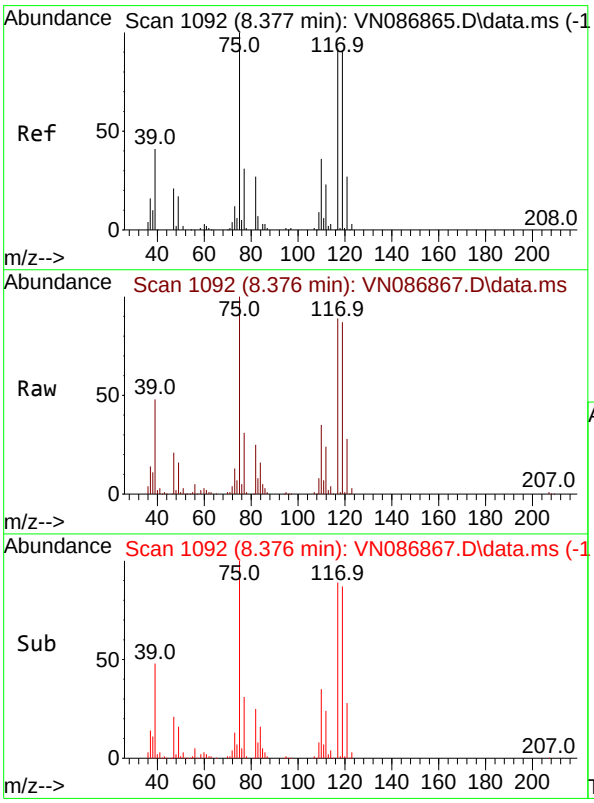
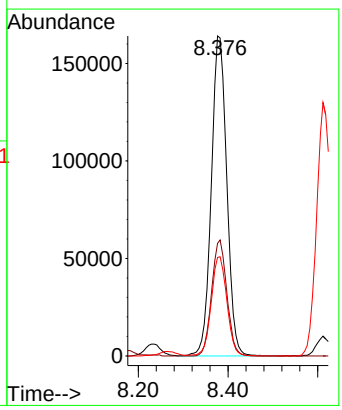
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

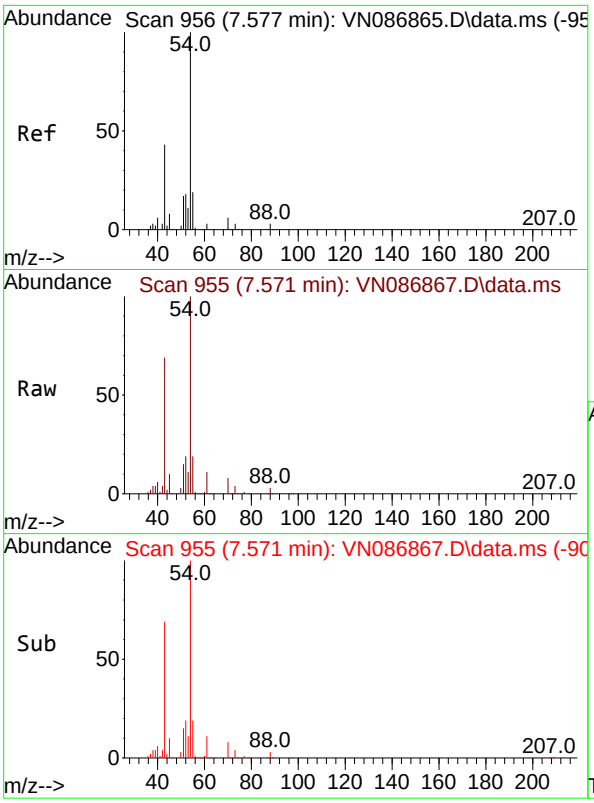


#36
1,1-Dichloropropene
Concen: 144.584 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 393166

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.6	52.9
77	31.4	25.3	37.9

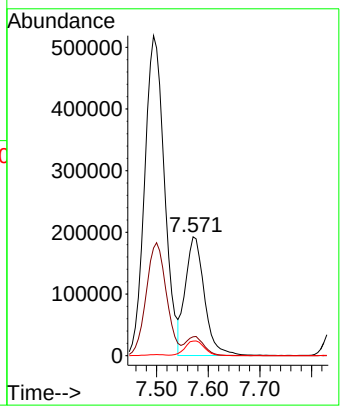




#37
Ethyl Acetate
Concen: 142.706 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 49400

Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.1	18.1
70	12.7	9.8	14.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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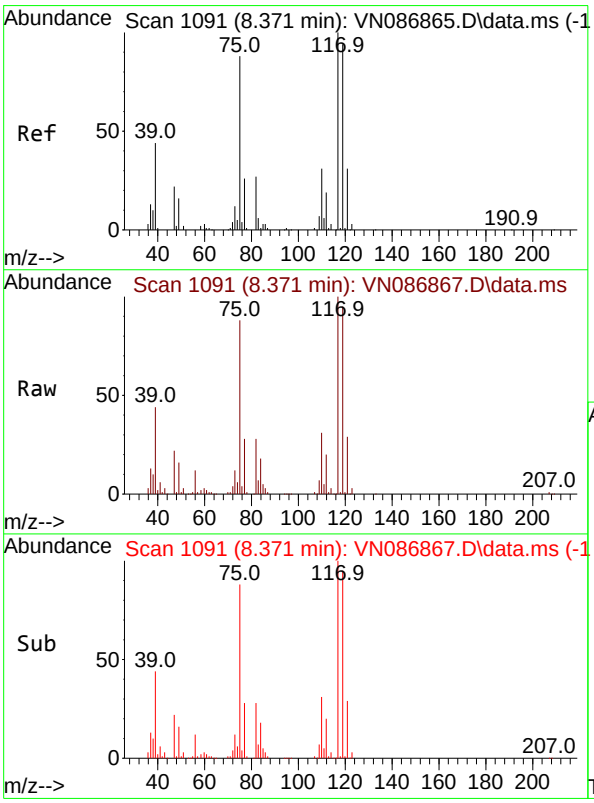
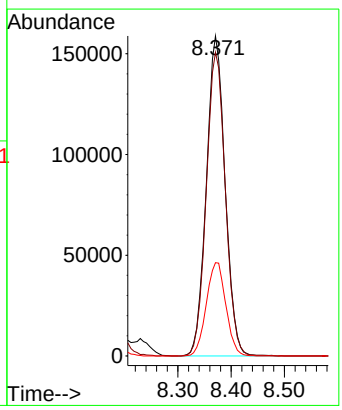
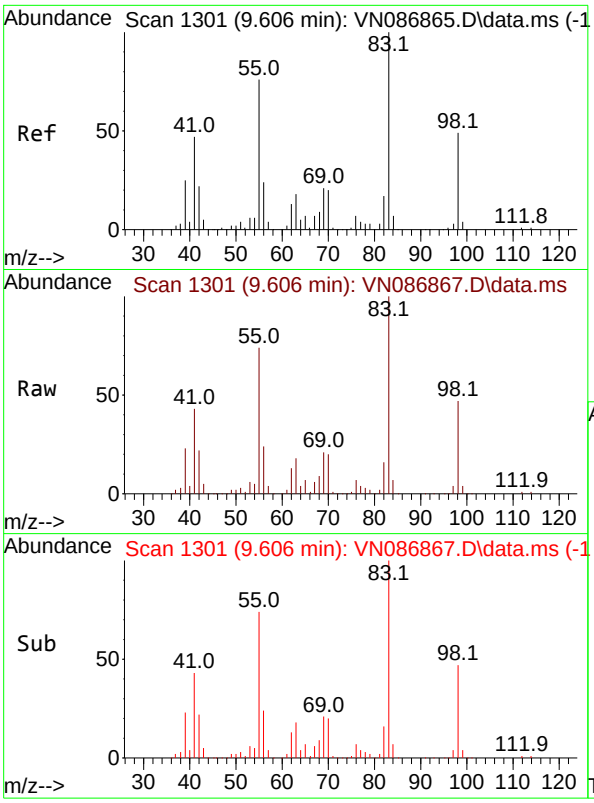


#38
Carbon Tetrachloride
Concen: 145.557 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:117 Resp: 388595

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.0	112.6
121	29.1	24.9	37.3

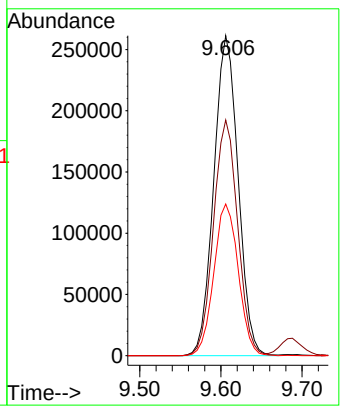




#39
Methylcyclohexane
Concen: 146.136 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 83 Resp: 54443

Ion	Ratio	Lower	Upper
83	100		
55	73.6	61.0	91.6
98	47.4	38.9	58.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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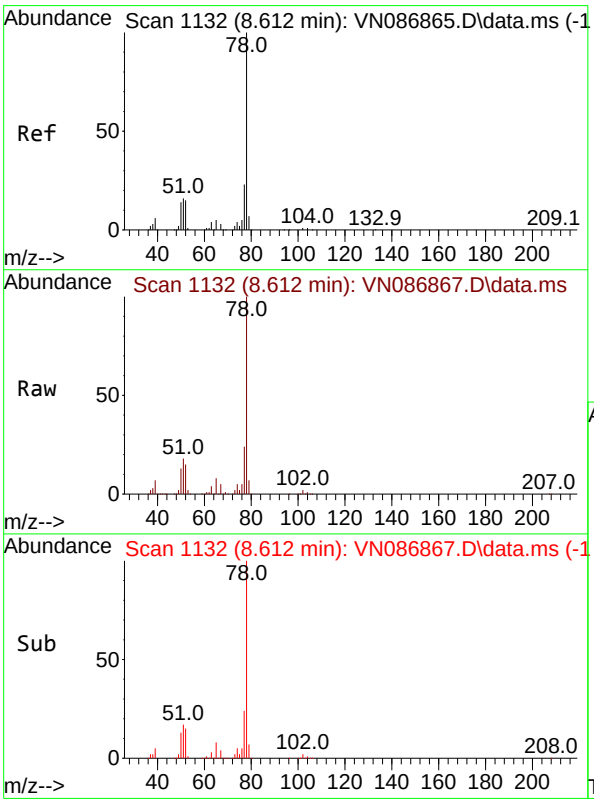
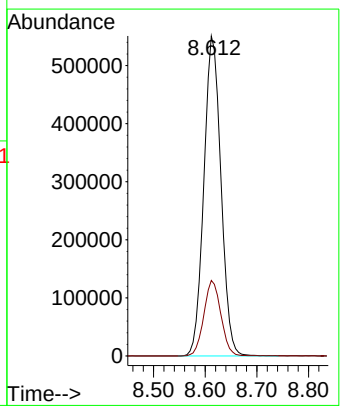
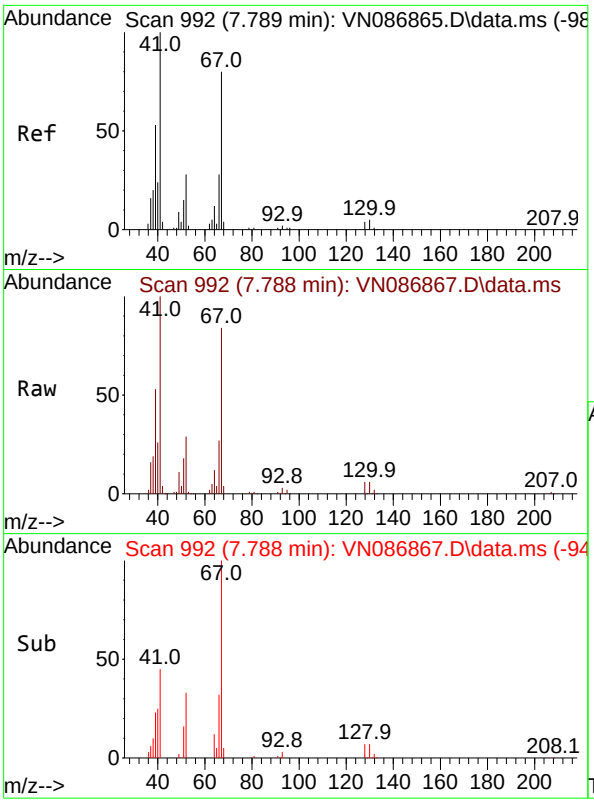


#40
Benzene
Concen: 142.388 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 78 Resp: 1266139

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1

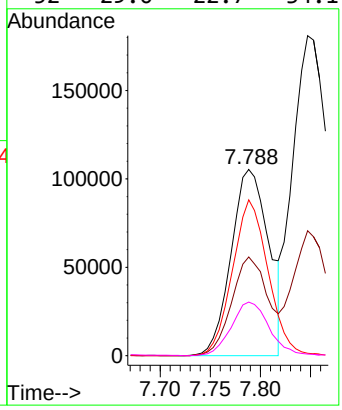




#41
Methacrylonitrile
Concen: 142.174 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 41 Resp: 27640

Ion	Ratio	Lower	Upper
41	100		
39	50.9	41.2	61.8
67	79.4	61.4	92.2
52	29.0	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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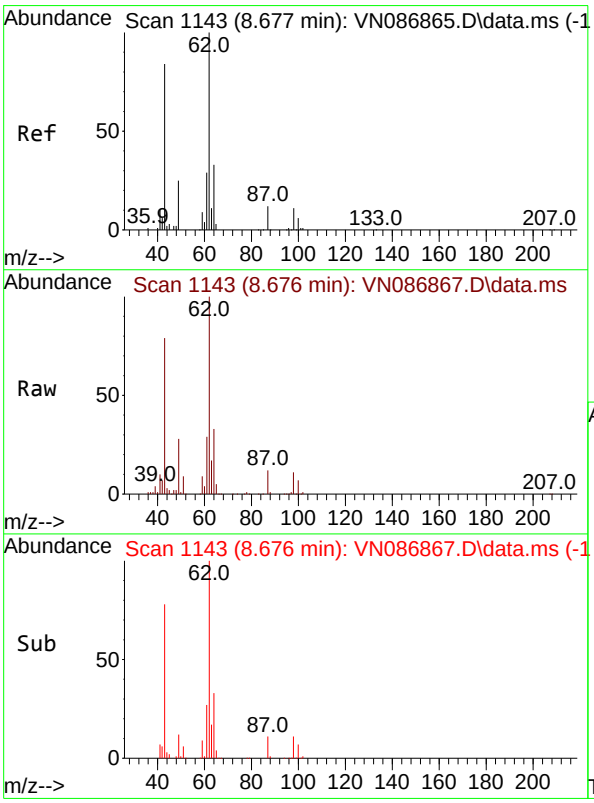
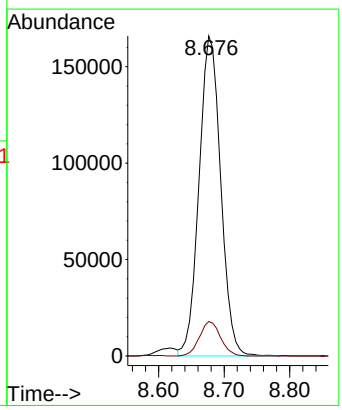
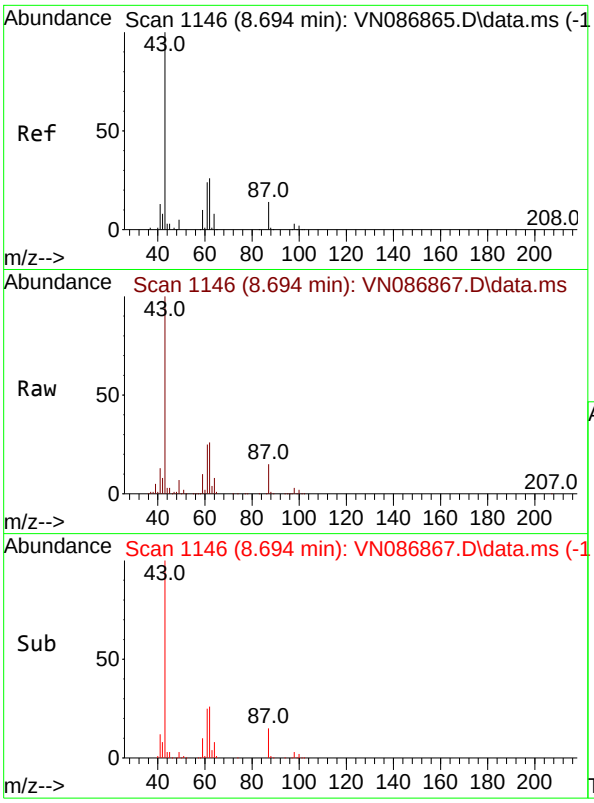


#42
1,2-Dichloroethane
Concen: 141.455 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 62 Resp: 381516

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.2





#43
Isopropyl Acetate
Concen: 140.531 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 78079

Ion	Ratio	Lower	Upper
43	100		
61	28.3	22.1	33.1
87	15.3	11.8	17.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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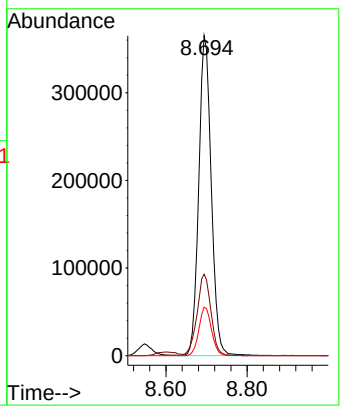
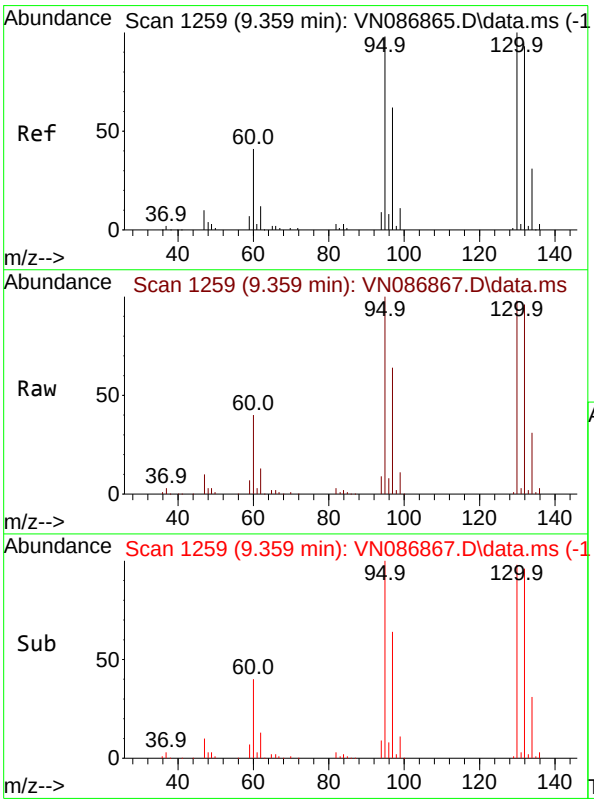
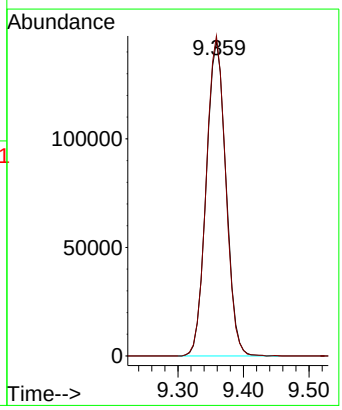


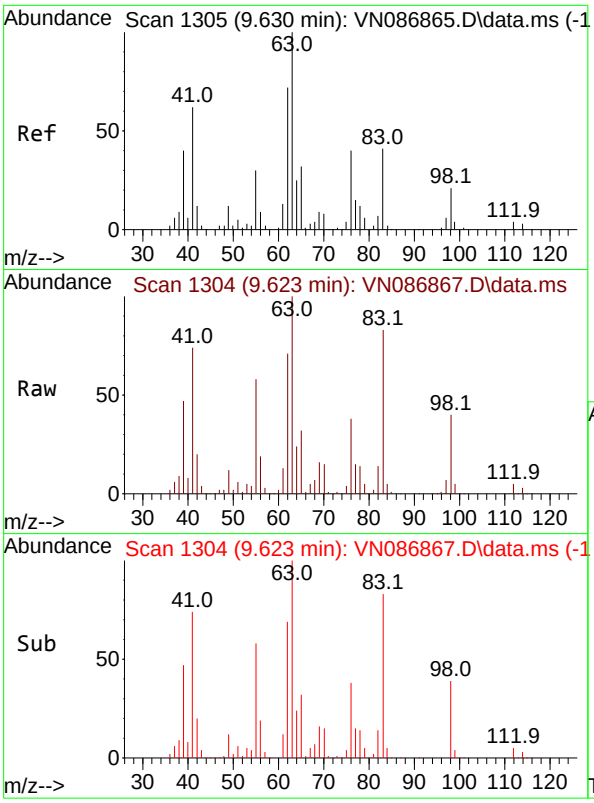


#44
Trichloroethene
Concen: 143.490 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:130 Resp: 302548

Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	196.2

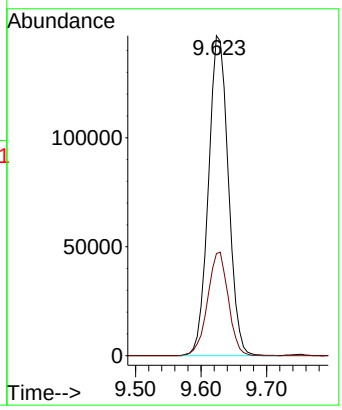




#45
1,2-Dichloropropane
Concen: 142.856 ug/l
RT: 9.623 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 63 Resp: 30904

Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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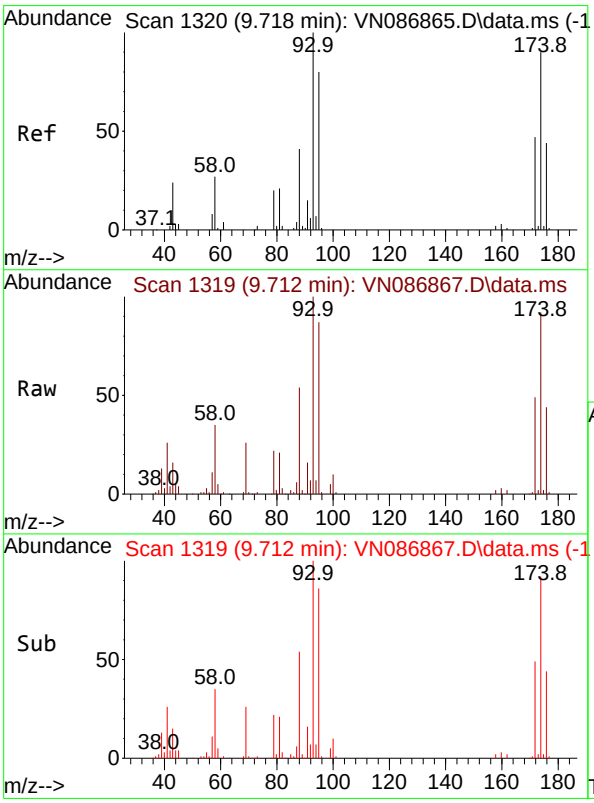
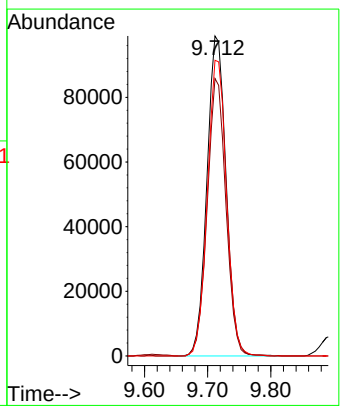
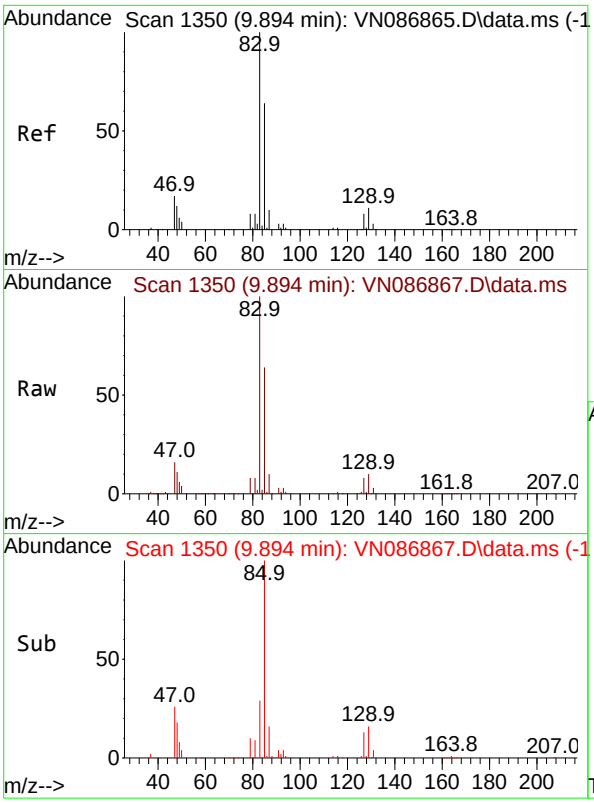


#46
Dibromomethane
Concen: 145.074 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 93 Resp: 208461

Ion	Ratio	Lower	Upper
93	100		
95	84.8	67.1	100.7
174	92.8	74.2	111.4

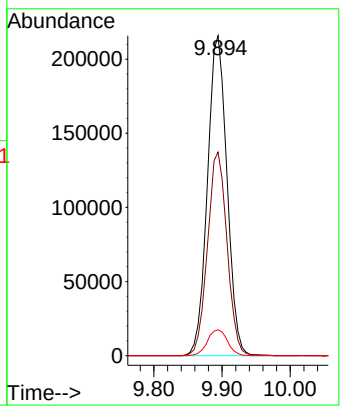




#47
Bromodichloromethane
Concen: 145.449 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 83 Resp: 43001

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.9	76.3
127	8.1	6.6	10.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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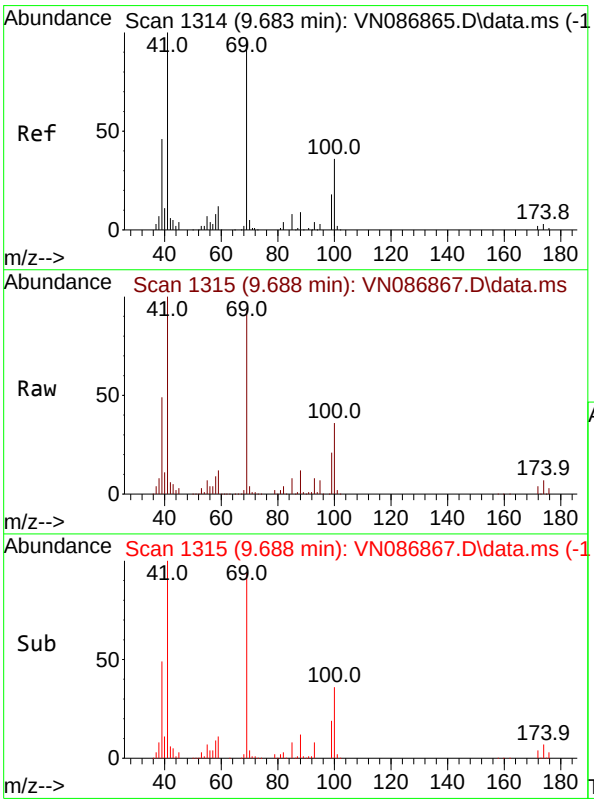
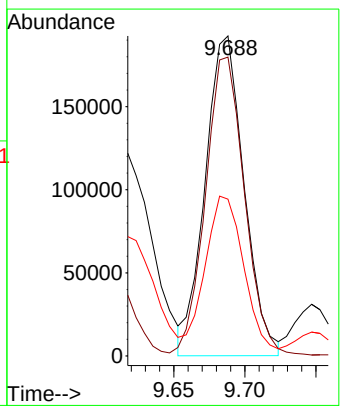
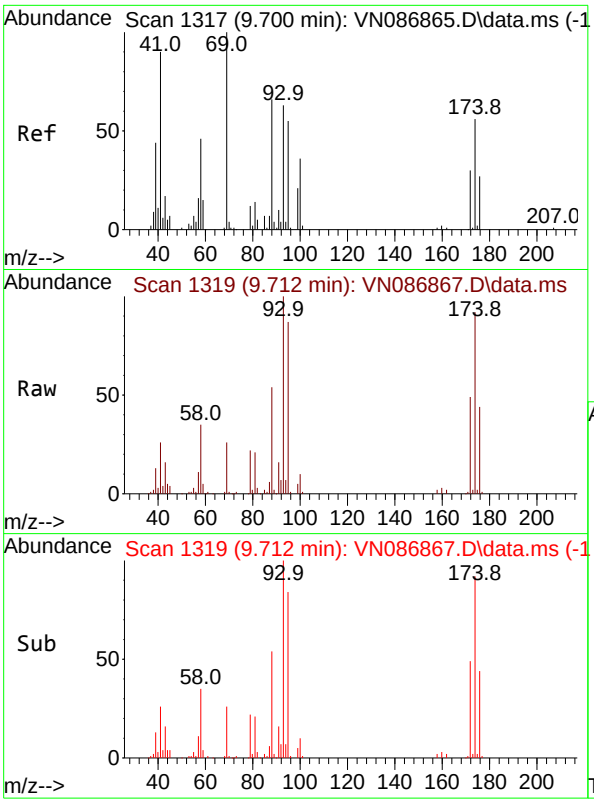


#48
Methyl methacrylate
Concen: 143.502 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 41 Resp: 366967

Ion	Ratio	Lower	Upper
41	100		
69	94.2	74.6	112.0
39	50.8	40.2	60.4

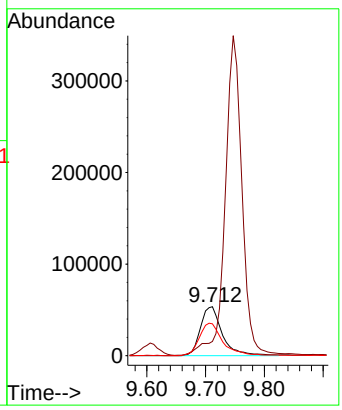




#49
1,4-Dioxane
Concen: 2967.116 ug/l
RT: 9.712 min Scan# 1
Delta R.T. 0.011 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 88 Resp: 13803

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.2	57.7	86.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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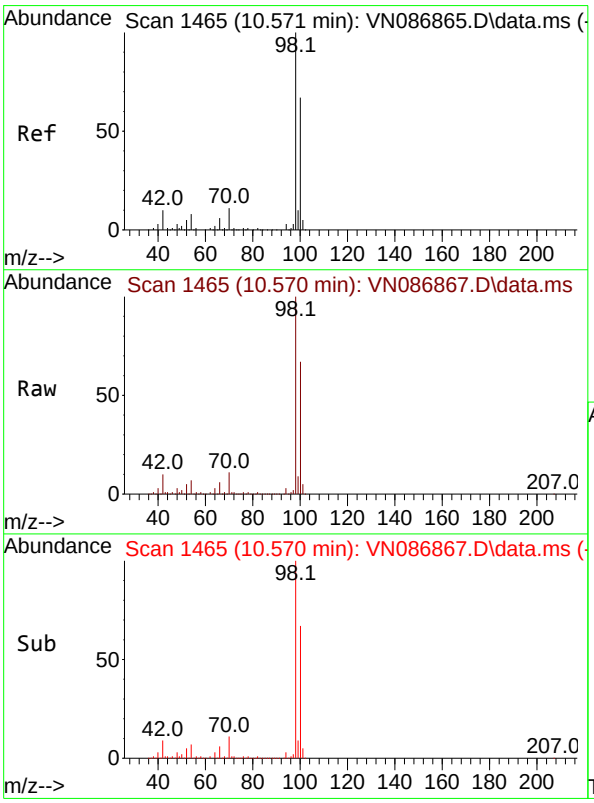
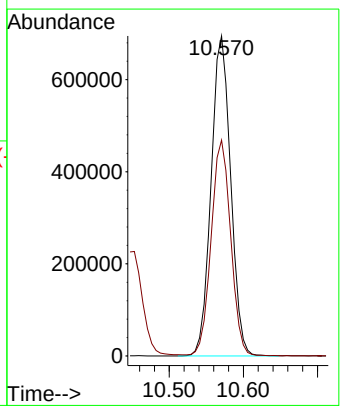
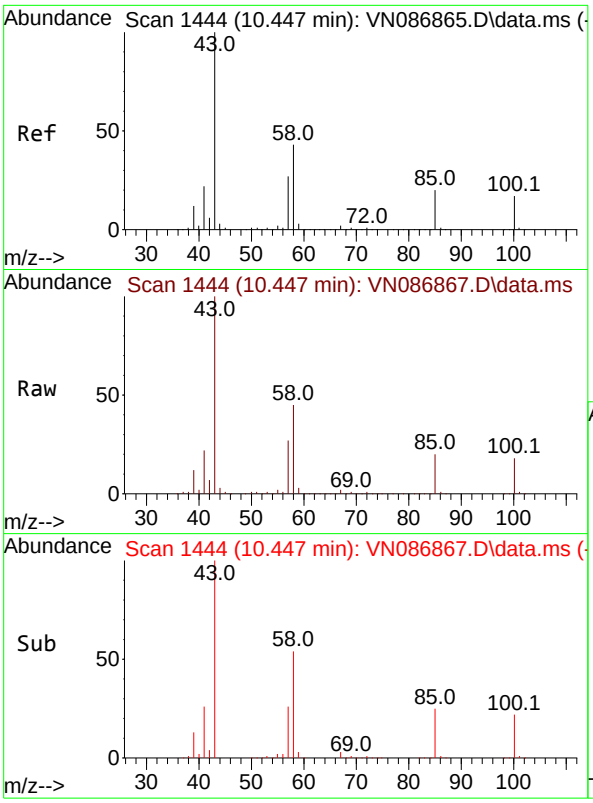


#50
Toluene-d8
Concen: 176.120 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 98 Resp: 1272348

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.4	80.0

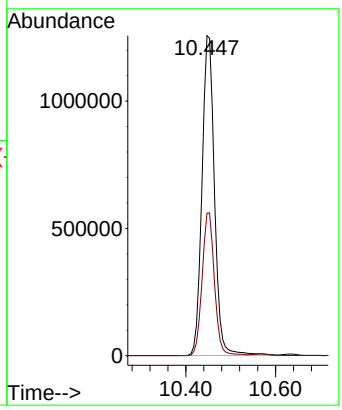




#51
4-Methyl-2-Pentanone
Concen: 728.995 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 243831

Ion	Ratio	Lower	Upper
43	100		
58	44.0	34.2	51.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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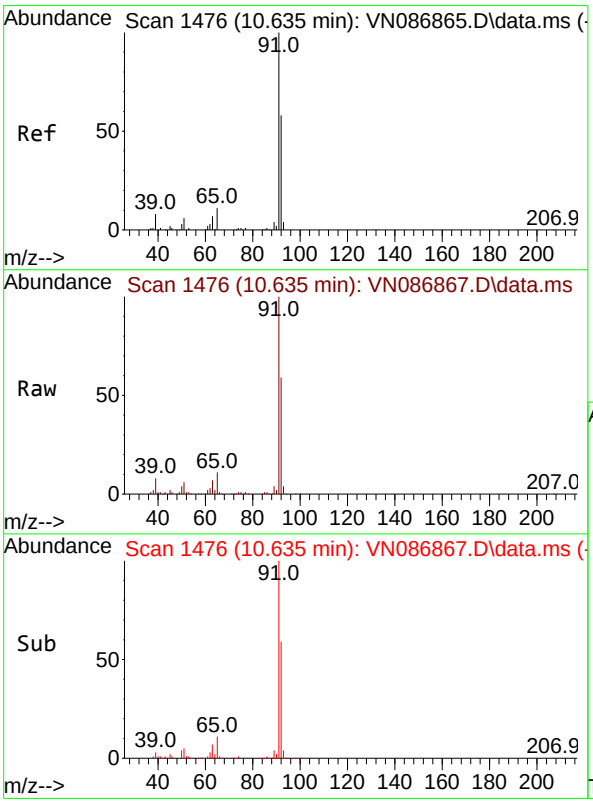
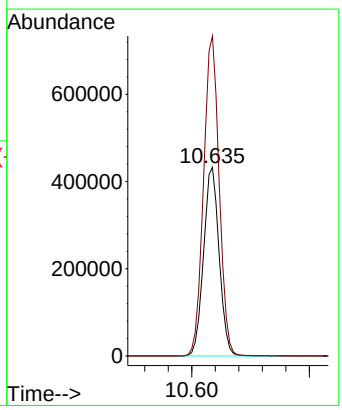
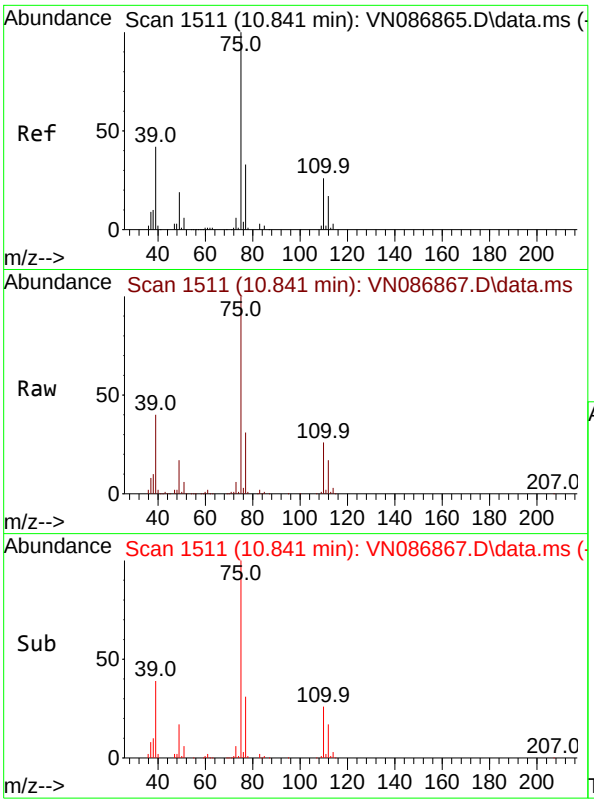


#52
Toluene
Concen: 145.976 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 92 Resp: 793270

Ion	Ratio	Lower	Upper
92	100		
91	170.2	136.5	204.7

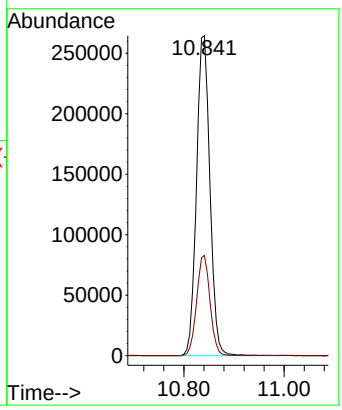




#53
t-1,3-Dichloropropene
Concen: 148.163 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 48980

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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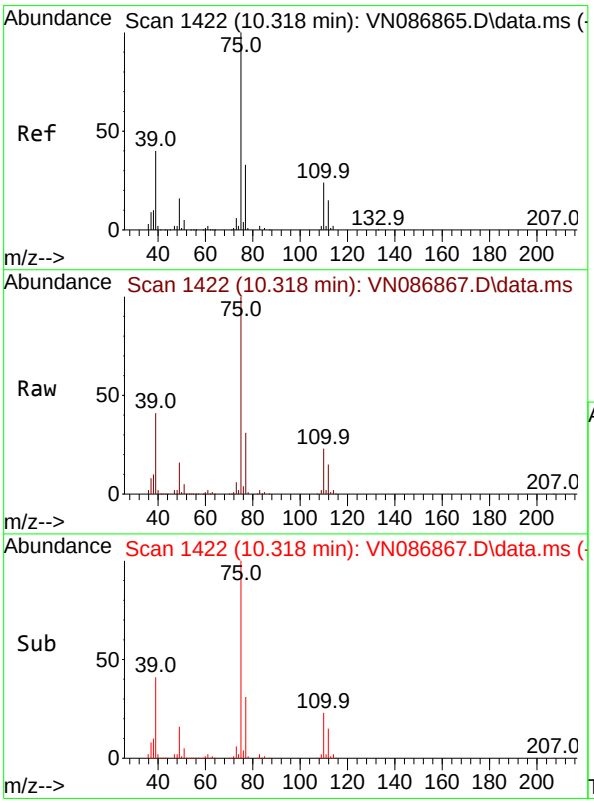
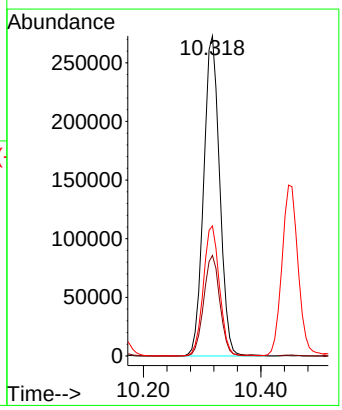
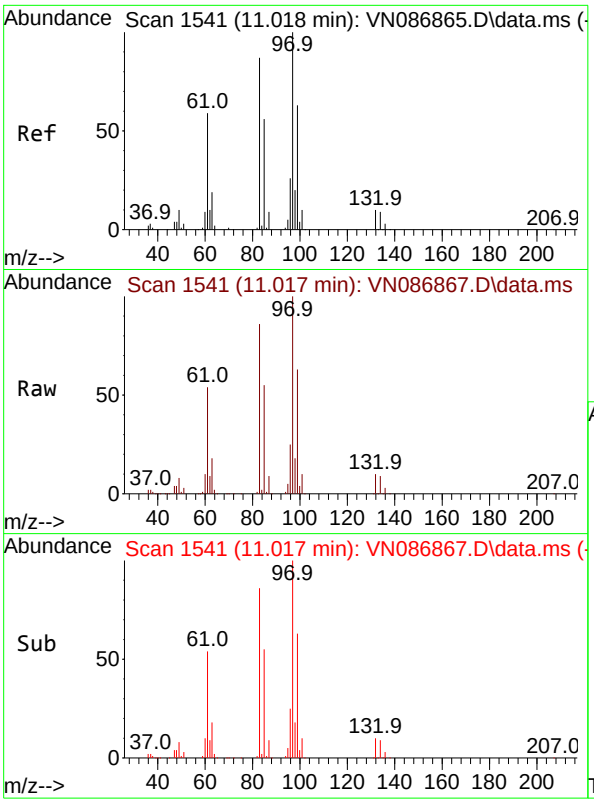


#54
cis-1,3-Dichloropropene
Concen: 146.469 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 518092

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.2	39.4
39	40.6	32.3	48.5

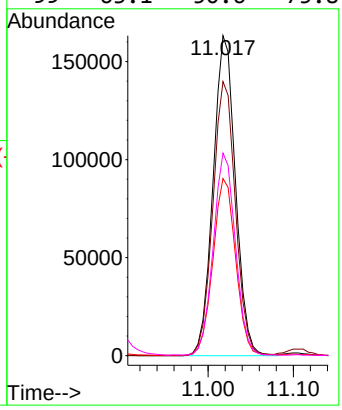




#55
1,1,2-Trichloroethane
Concen: 142.588 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 97 Resp: 29815

Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.7	104.5
85	55.2	45.1	67.7
99	63.1	50.6	75.8



Instrument :
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ClientSampleId :
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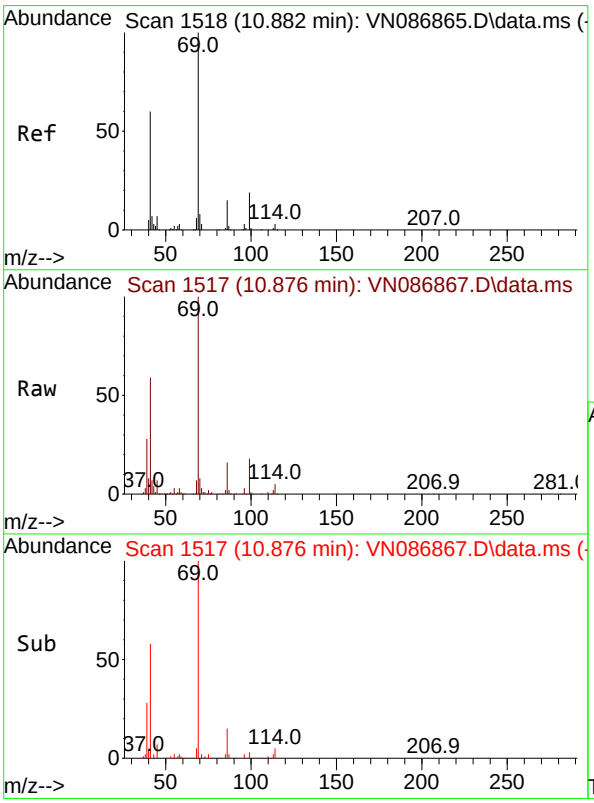
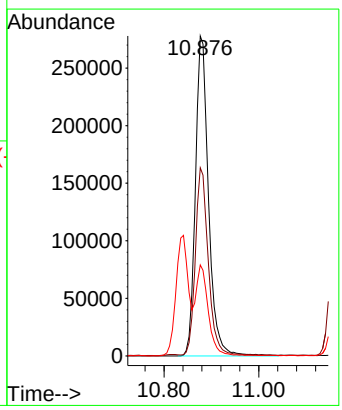
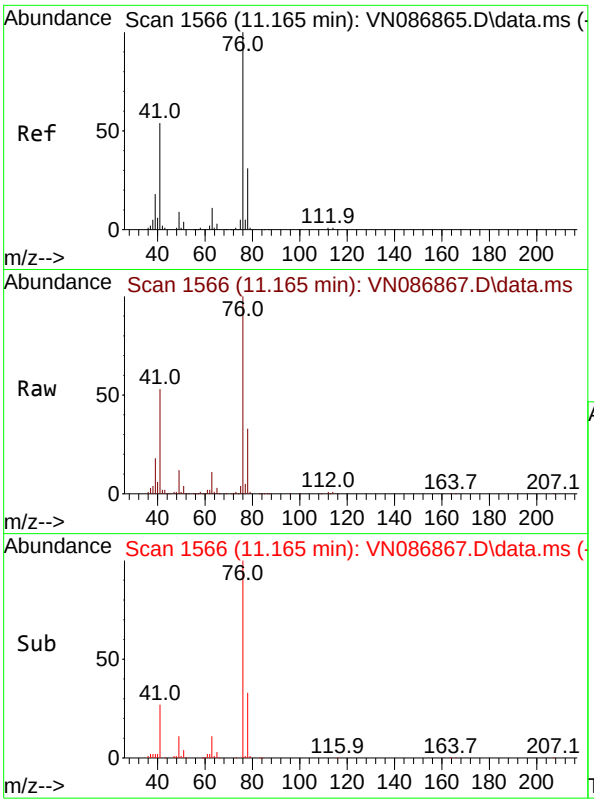


#56
Ethyl methacrylate
Concen: 160.311 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 69 Resp: 533912

Ion	Ratio	Lower	Upper
69	100		
41	57.5	47.2	70.8
39	27.0	23.0	34.6

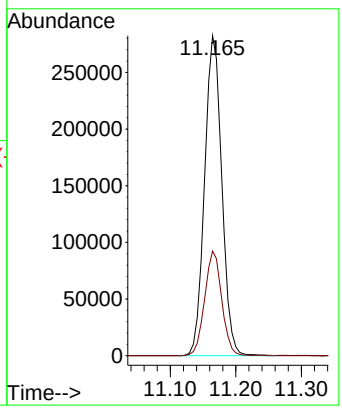




#57
1,3-Dichloropropane
Concen: 142.363 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 76 Resp: 51639

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.3	37.9



Instrument :
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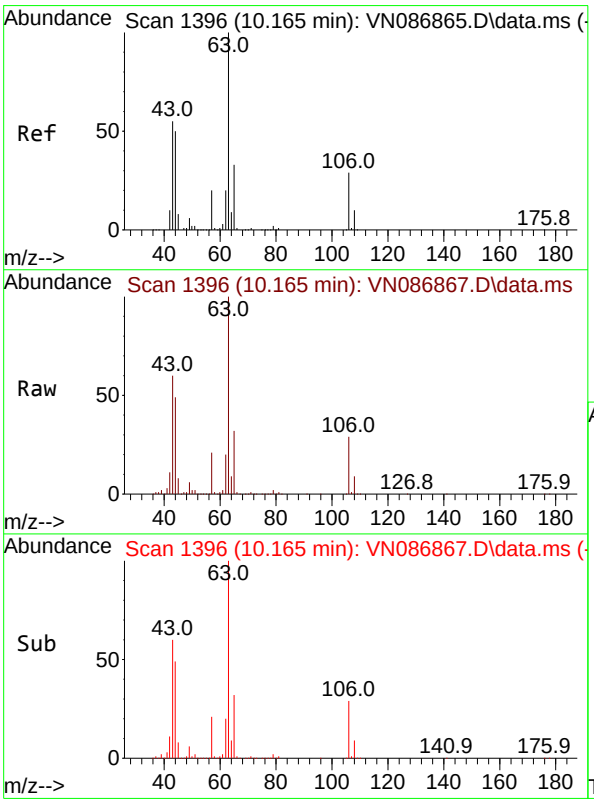
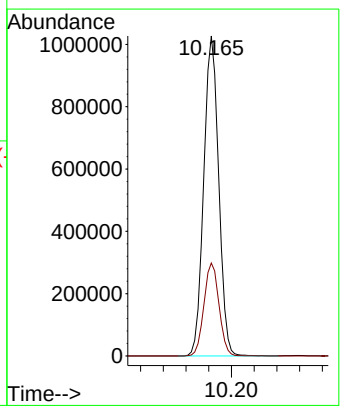
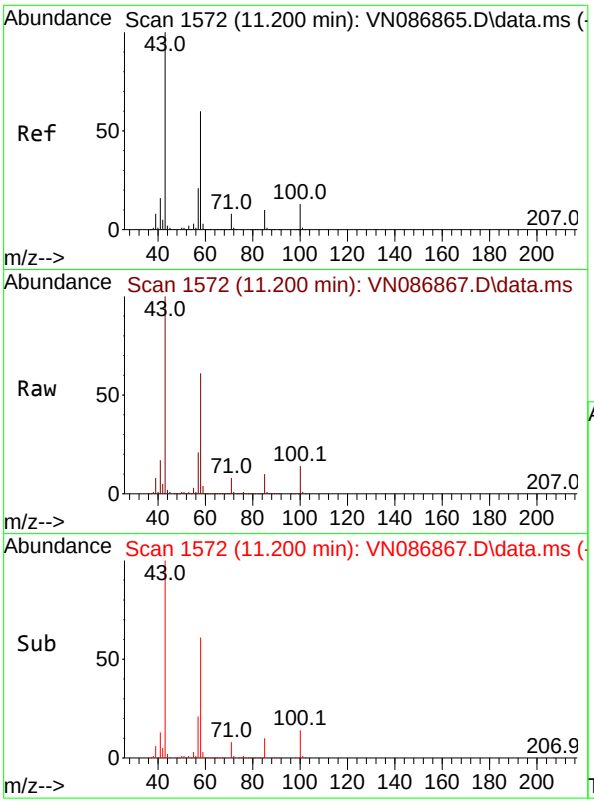


#58
2-Chloroethyl Vinyl ether
Concen: 941.147 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 63 Resp: 1869543

Ion	Ratio	Lower	Upper
63	100		
106	29.2	23.0	34.6





#59
2-Hexanone
Concen: 805.662 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 173577

Ion	Ratio	Lower	Upper
43	100		
58	61.6	30.4	91.3

Instrument :
MSVOA_N
ClientSampleId :
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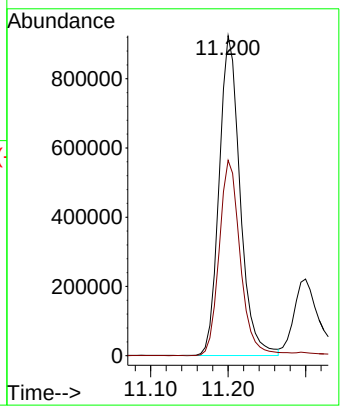
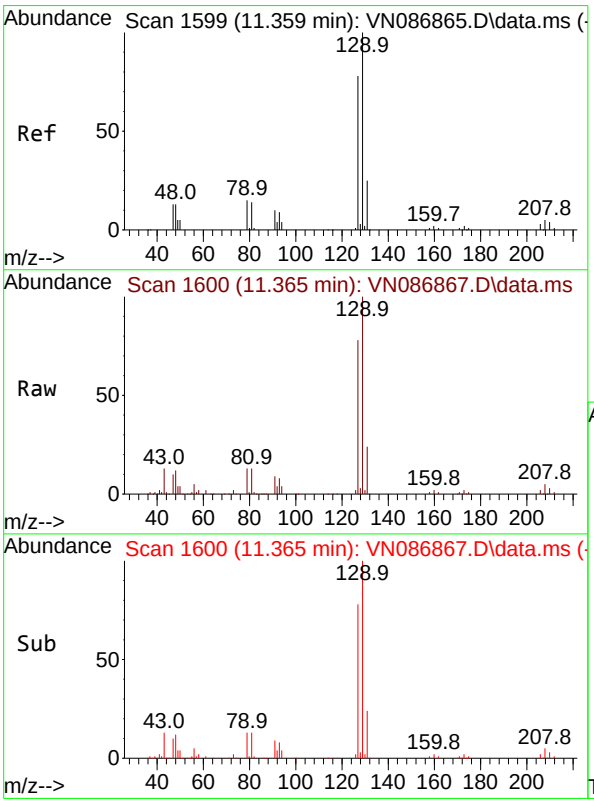
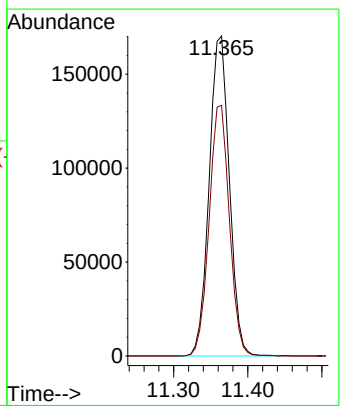


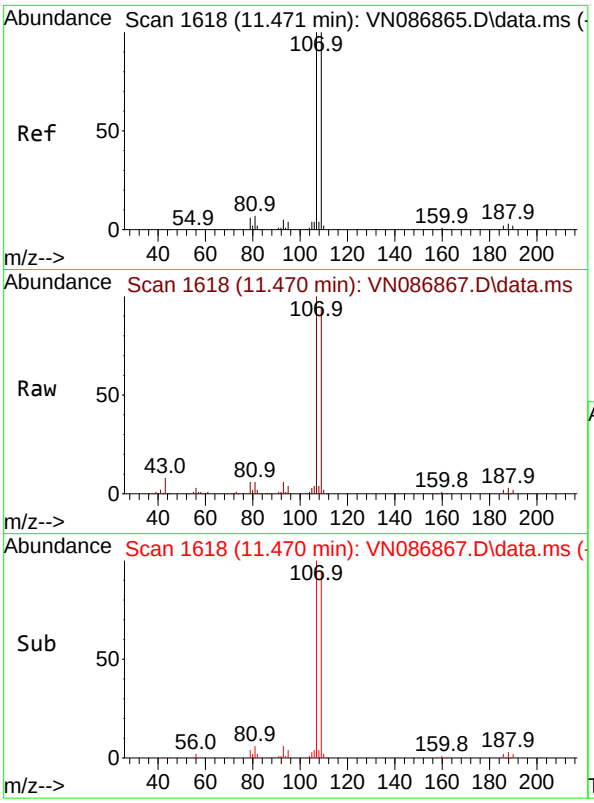


#60
Dibromochloromethane
Concen: 147.832 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:129 Resp: 322064

Ion	Ratio	Lower	Upper
129	100		
127	78.6	38.6	115.8

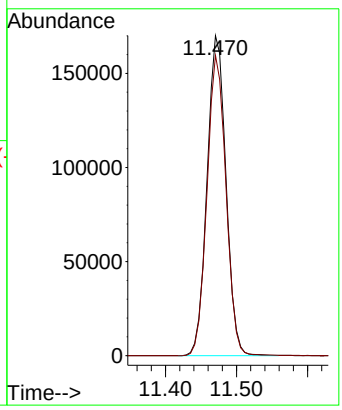




#61
1,2-Dibromoethane
Concen: 146.790 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:107 Resp: 31460

Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.3	114.5



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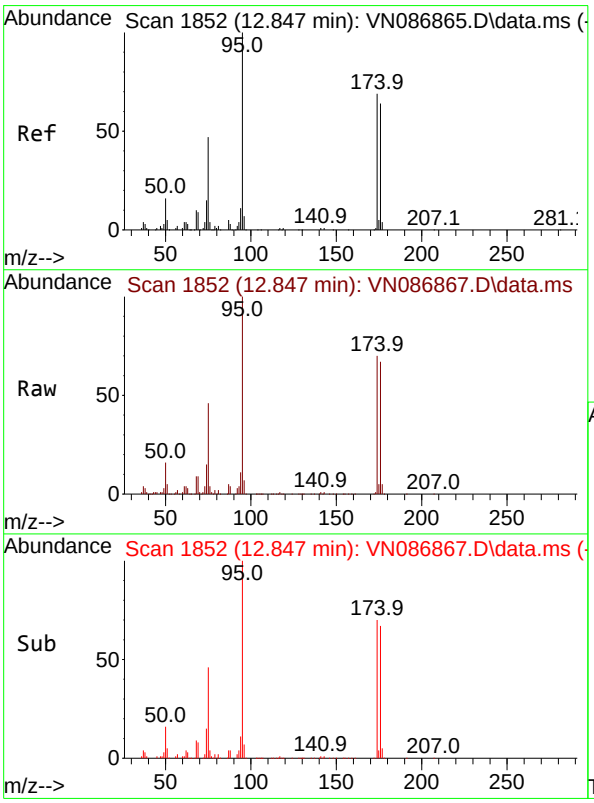
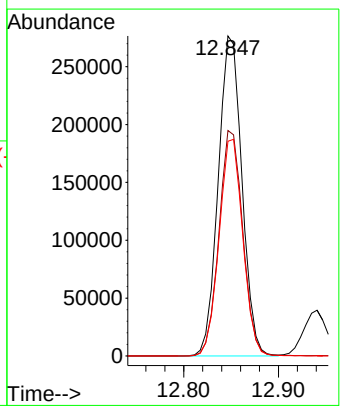
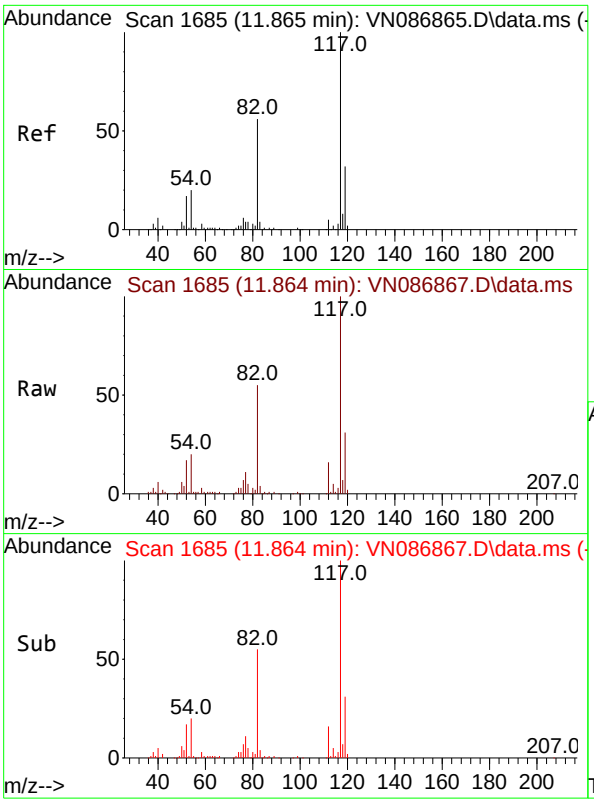


#62
4-Bromofluorobenzene
Concen: 179.364 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 95 Resp: 481421

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	141.8
176	67.8	0.0	132.6

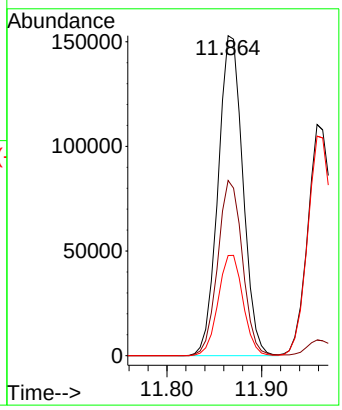




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:117 Resp: 27855

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.6	67.0
119	31.3	25.5	38.3



Instrument :
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ClientSampleId :
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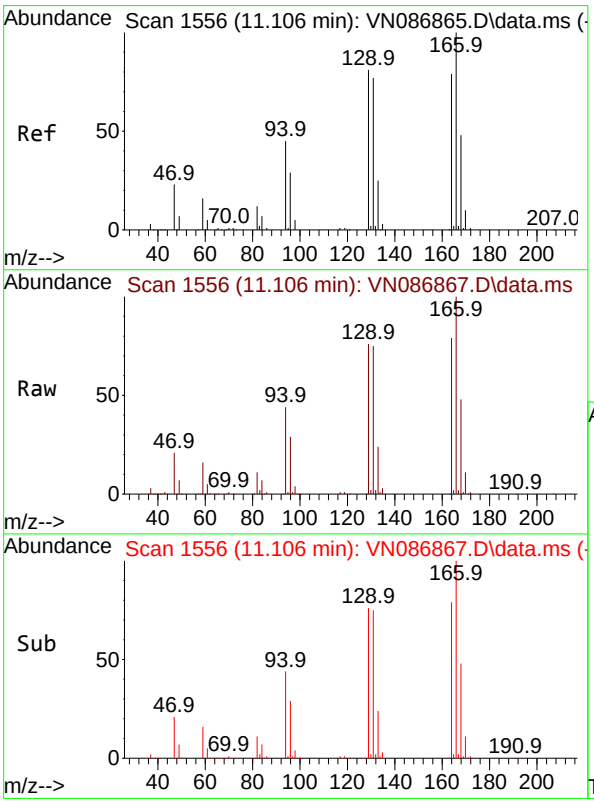
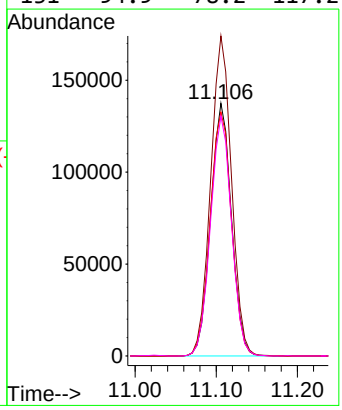
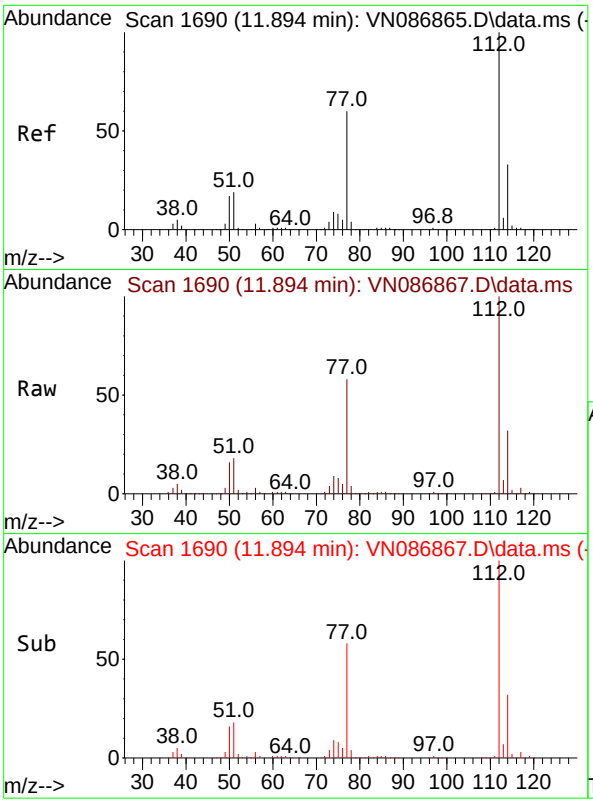


#64
Tetrachloroethene
Concen: 139.048 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:164 Resp: 245122

Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.8	152.8
129	96.6	83.0	124.4
131	94.9	78.2	117.2

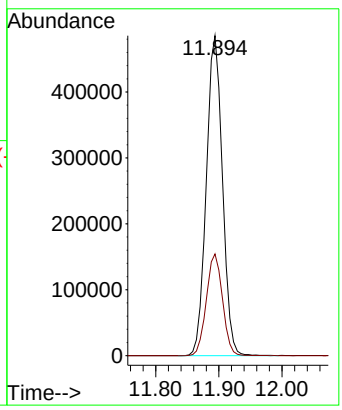




#65
Chlorobenzene
Concen: 140.041 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:112 Resp: 86034

Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.2



Instrument :
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ClientSampleId :
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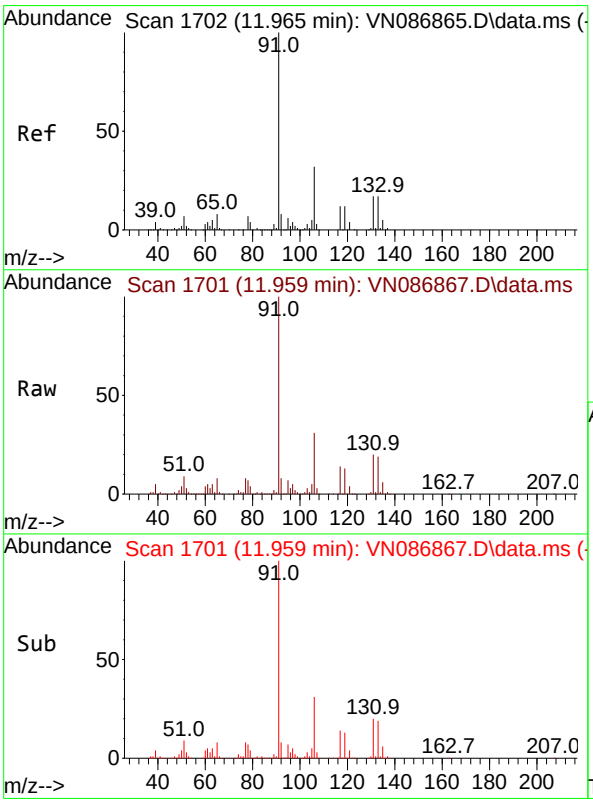
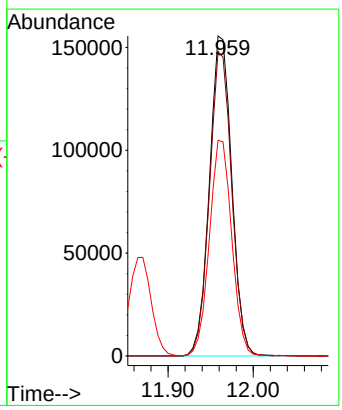
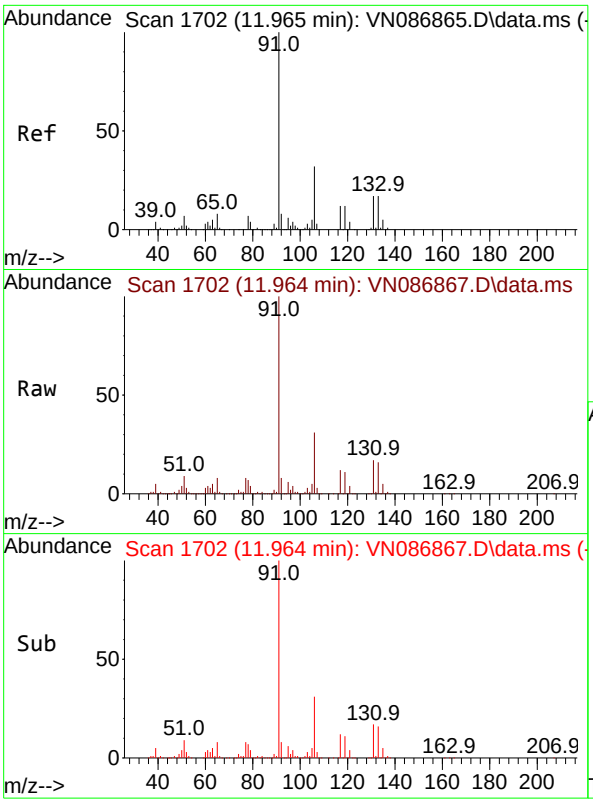


#66
1,1,1,2-Tetrachloroethane
Concen: 143.171 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:131 Resp: 282739

Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.3	144.8
119	67.8	34.0	101.8

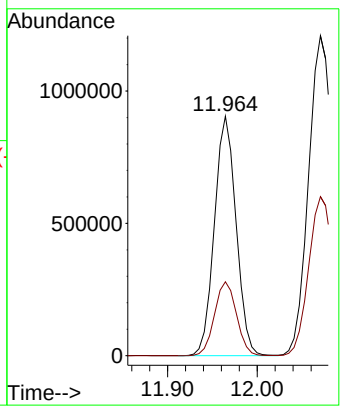




#67
Ethyl Benzene
Concen: 143.438 ug/l
RT: 11.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 91 Resp: 151788

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.4	38.2



Instrument :
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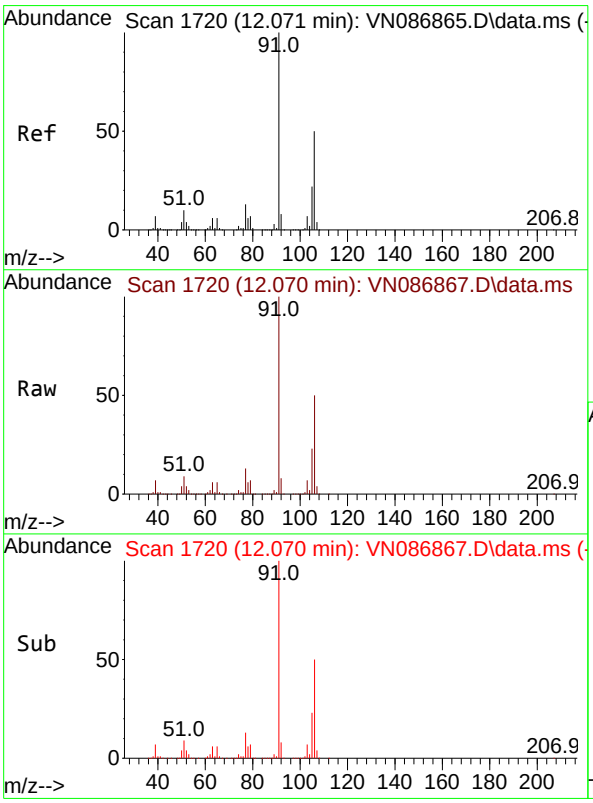
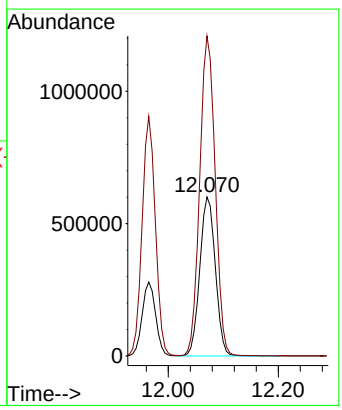
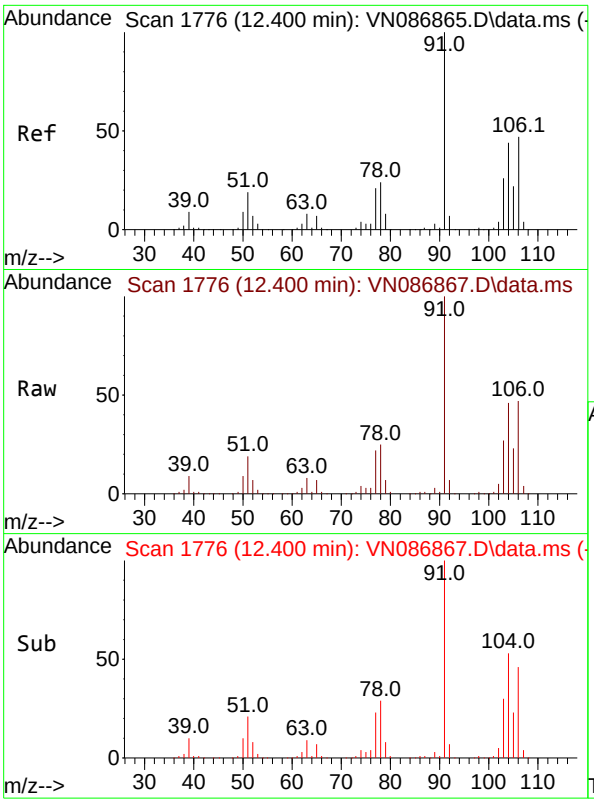


#68
m/p-Xylenes
Concen: 290.155 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:106 Resp: 1175378

Ion	Ratio	Lower	Upper
106	100		
91	200.8	159.4	239.0

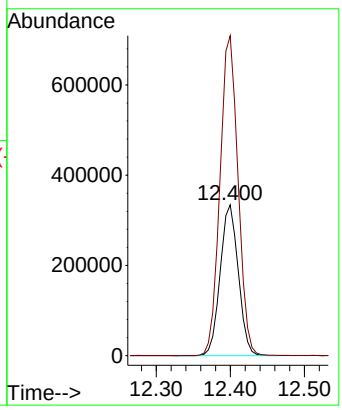




#69
o-Xylene
Concen: 145.966 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:106 Resp: 56630

Ion	Ratio	Lower	Upper
106	100		
91	211.9	106.1	318.1



Instrument :
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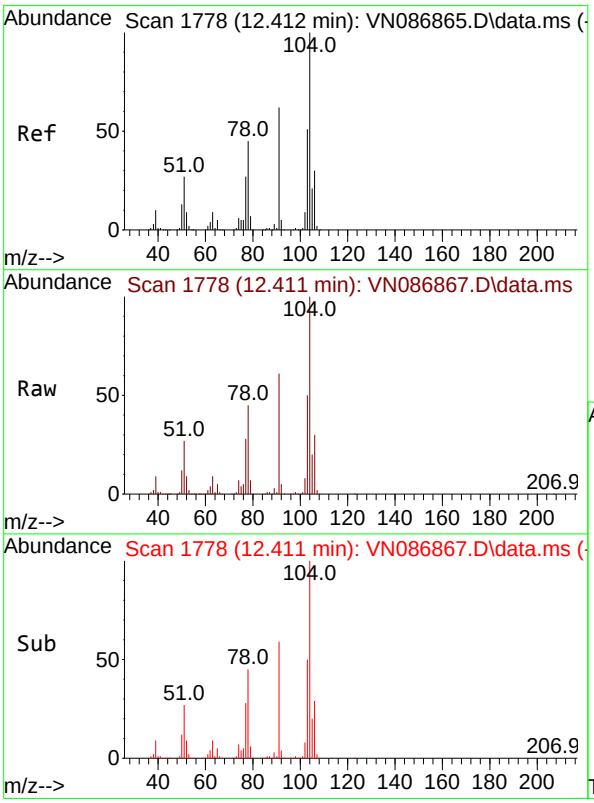
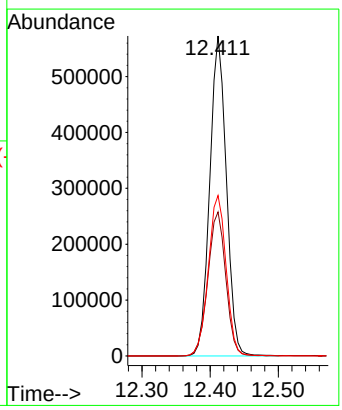
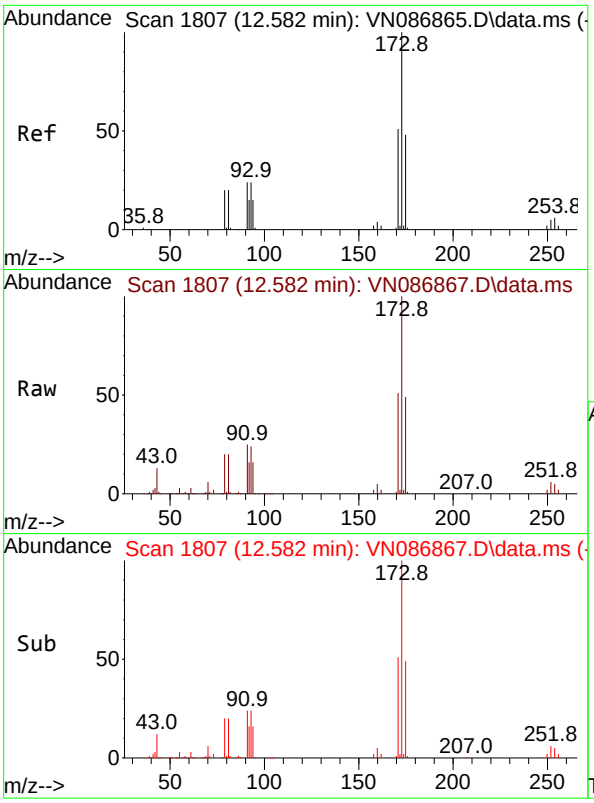


#70
Styrene
Concen: 146.459 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:104 Resp: 972318

Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.5	57.7
103	54.0	43.1	64.7

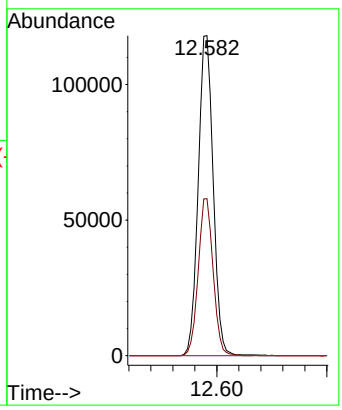




#71
Bromoform
Concen: 152.538 ug/l
RT: 12.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:173 Resp: 22320

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.4
254	0.0	0.0	0.0



Instrument :
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ClientSampleId :
VSTDICC150

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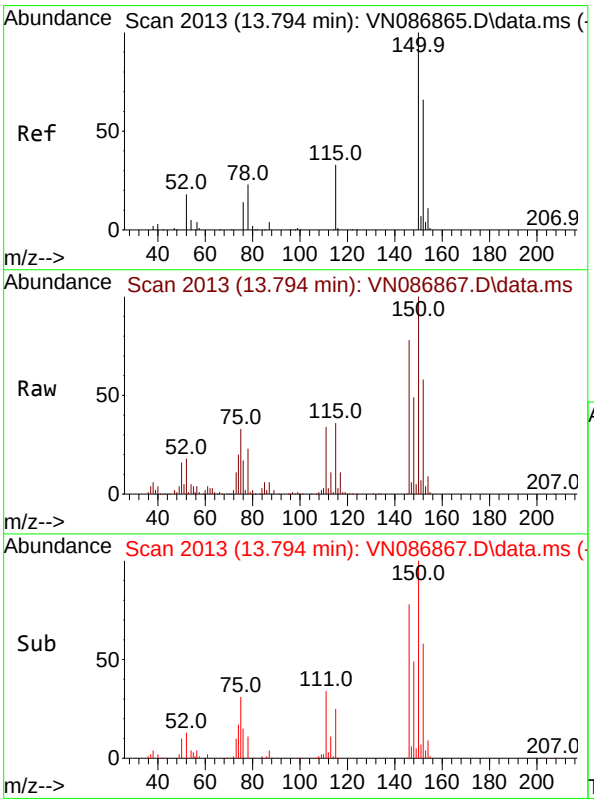
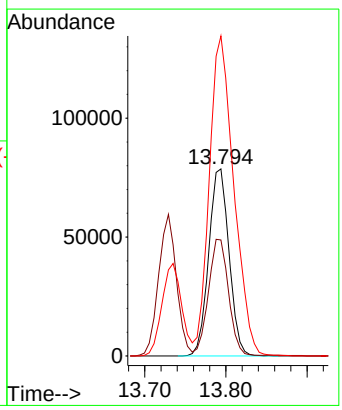
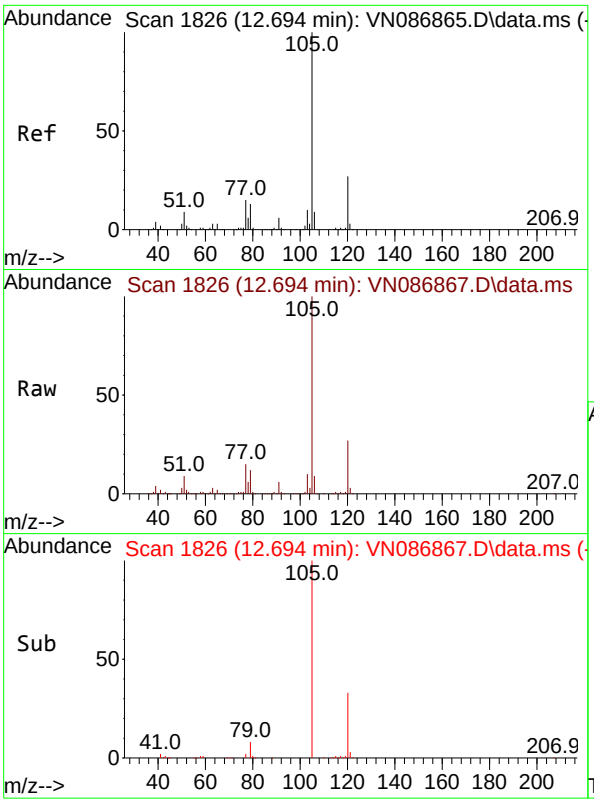


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:152 Resp: 136630

Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.1	90.5
150	206.7	0.0	345.0

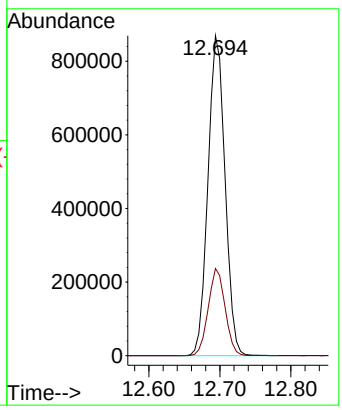




#73
Isopropylbenzene
Concen: 146.042 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:105 Resp: 145365

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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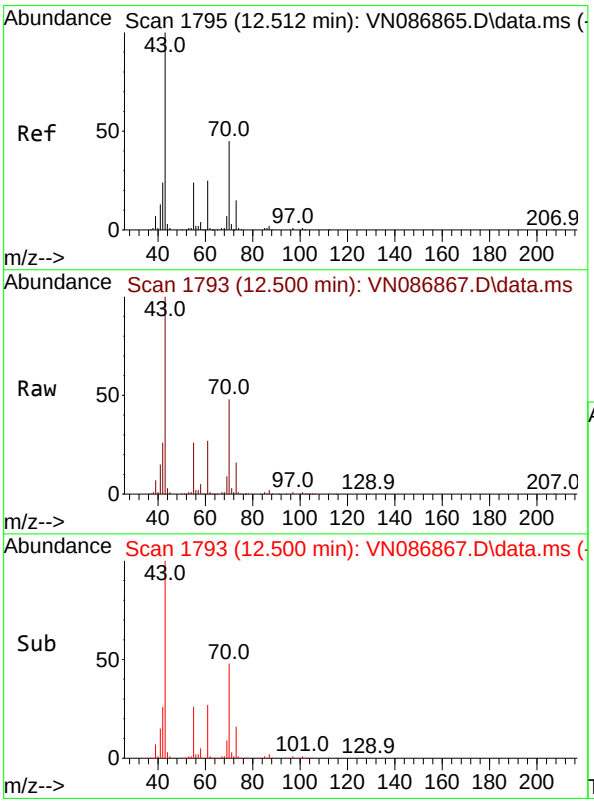
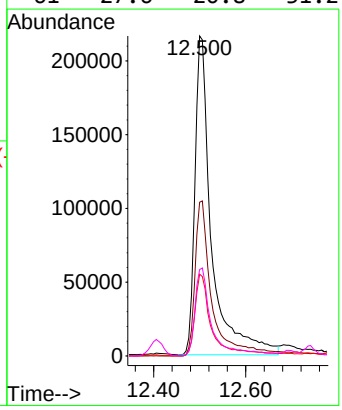
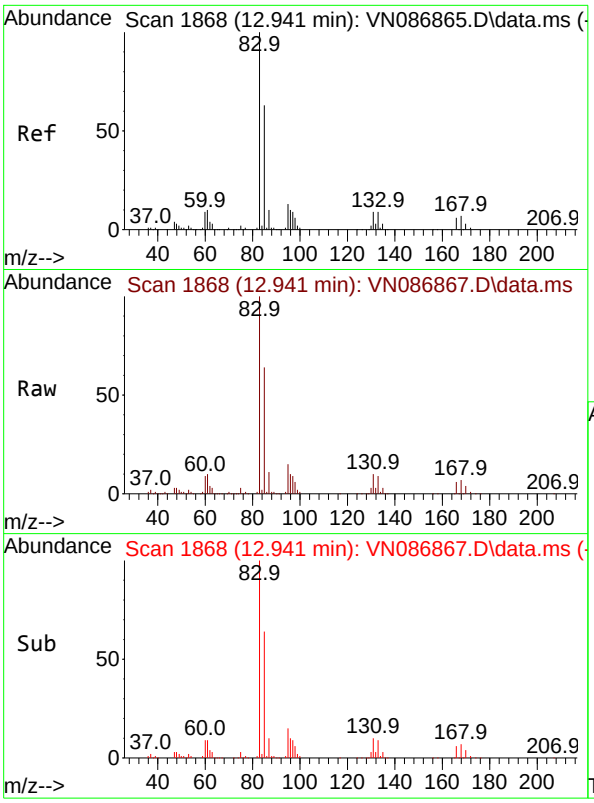


#74
N-amyl acetate
Concen: 164.596 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.012 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 543747

Ion	Ratio	Lower	Upper
43	100		
70	50.0	37.6	56.4
55	26.1	19.0	28.6
61	27.6	20.8	31.2

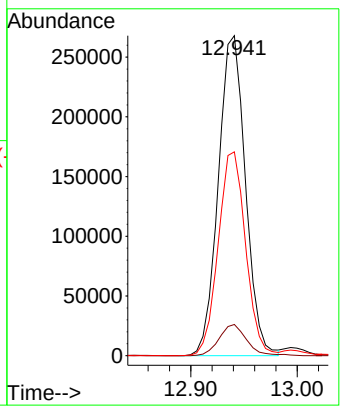




#75
1,1,2,2-Tetrachloroethane
Concen: 140.693 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 83 Resp: 47442

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	64.3	32.0	96.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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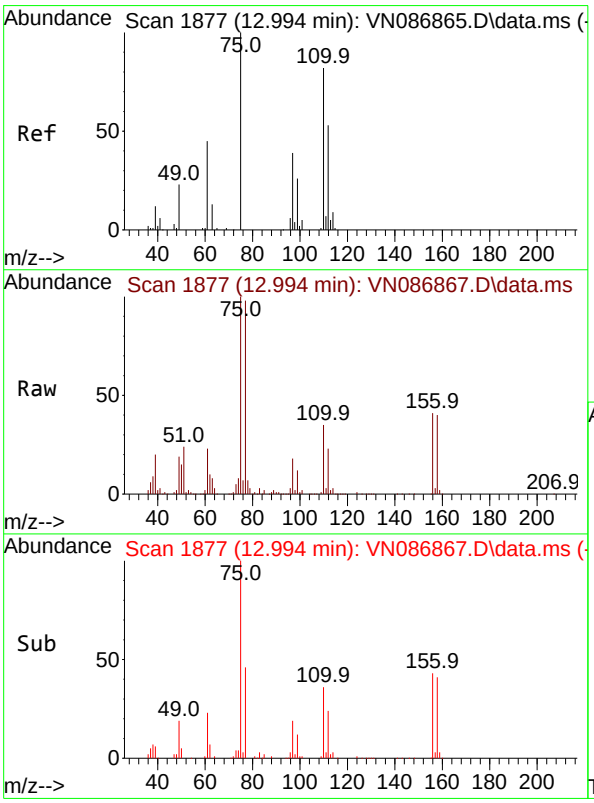
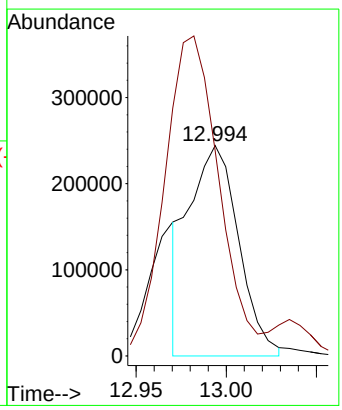
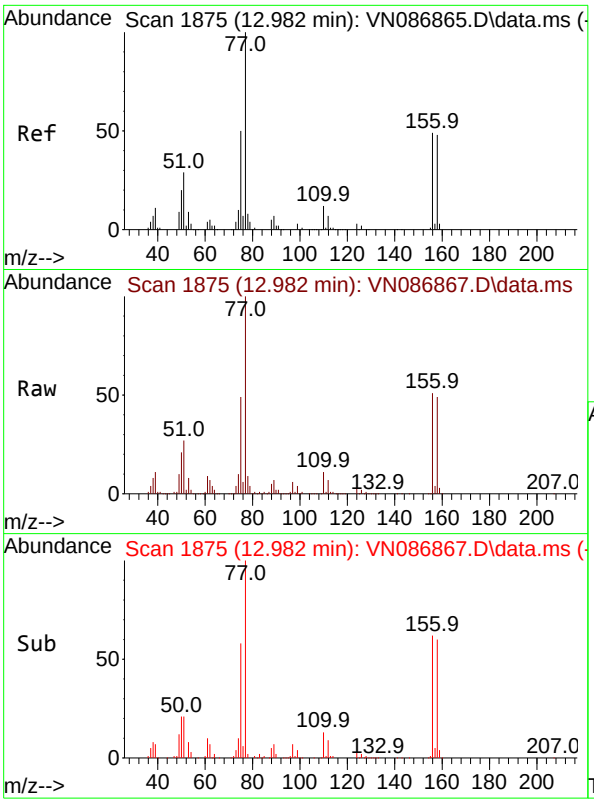


#76
1,2,3-Trichloropropane
Concen: 143.665 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 468041

Ion	Ratio	Lower	Upper
75	100		
77	166.0	79.3	237.9

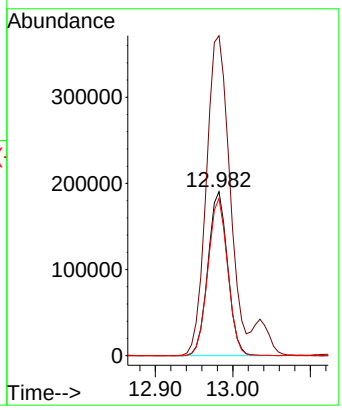




#77
Bromobenzene
Concen: 147.077 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:156 Resp: 33573

Ion	Ratio	Lower	Upper
156	100		
77	231.5	117.7	353.1
158	96.3	48.1	144.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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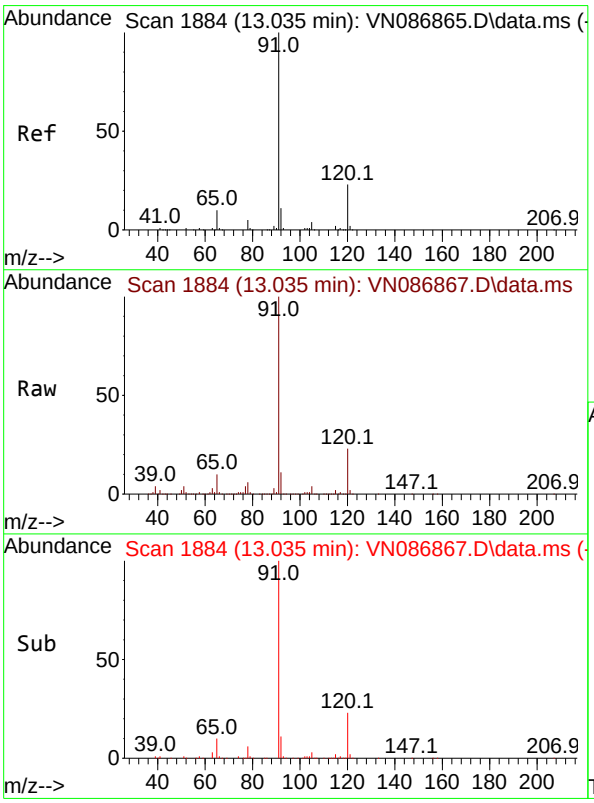
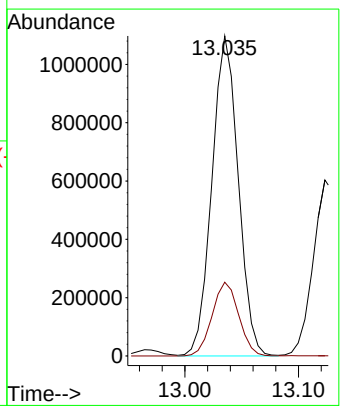
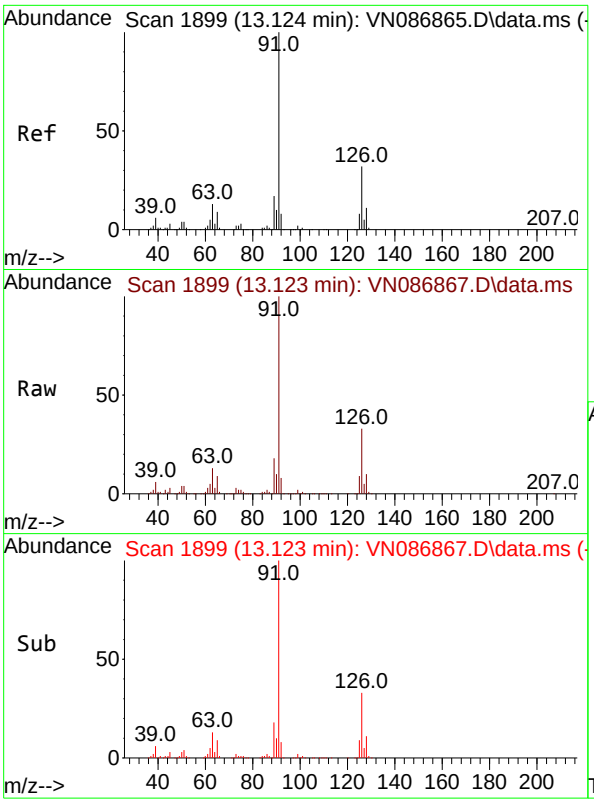


#78
n-propylbenzene
Concen: 146.301 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 91 Resp: 1769694

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.4	34.2

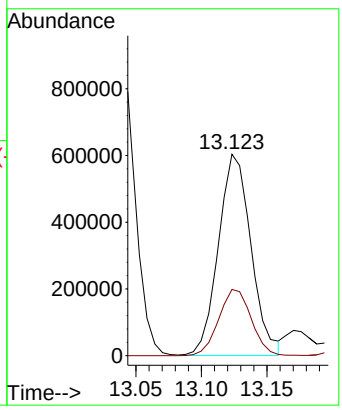




#79
2-Chlorotoluene
Concen: 144.317 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 91 Resp: 104691

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.5



Instrument :
MSVOA_N
ClientSampleId :
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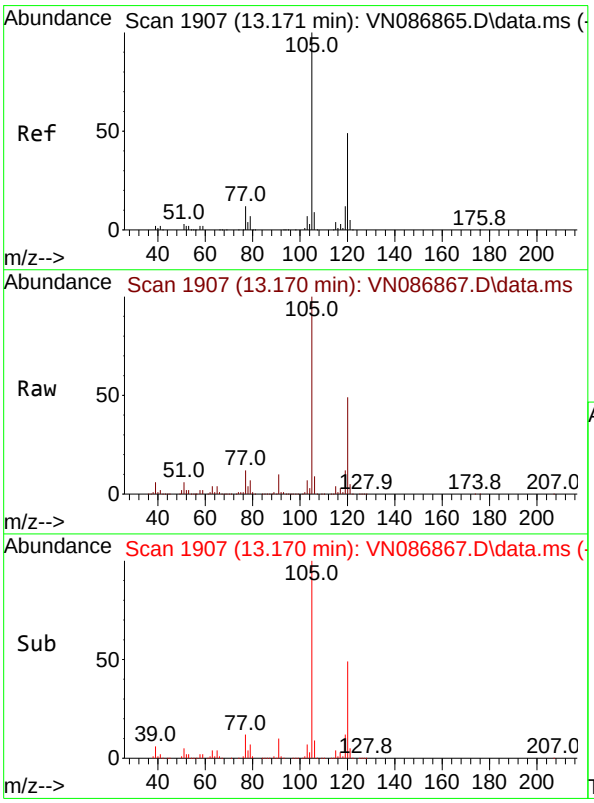
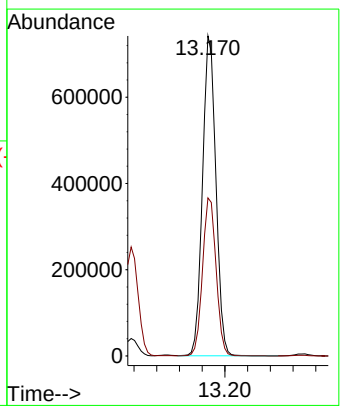
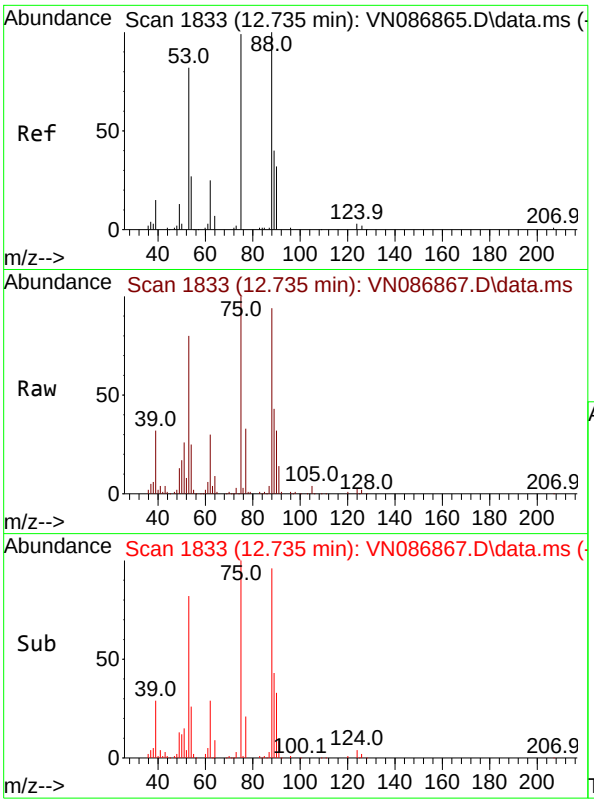


#80
1,3,5-Trimethylbenzene
Concen: 147.279 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:105 Resp: 1210325

Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.9	74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 153.277 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 21625

Ion	Ratio	Lower	Upper
75	100		
53	81.3	66.6	99.8
89	40.0	36.7	55.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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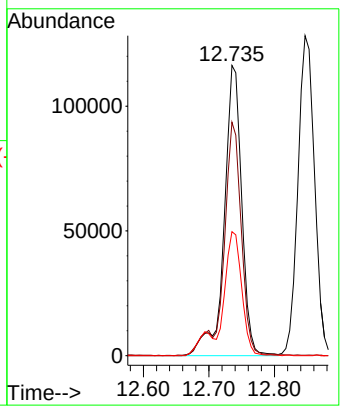
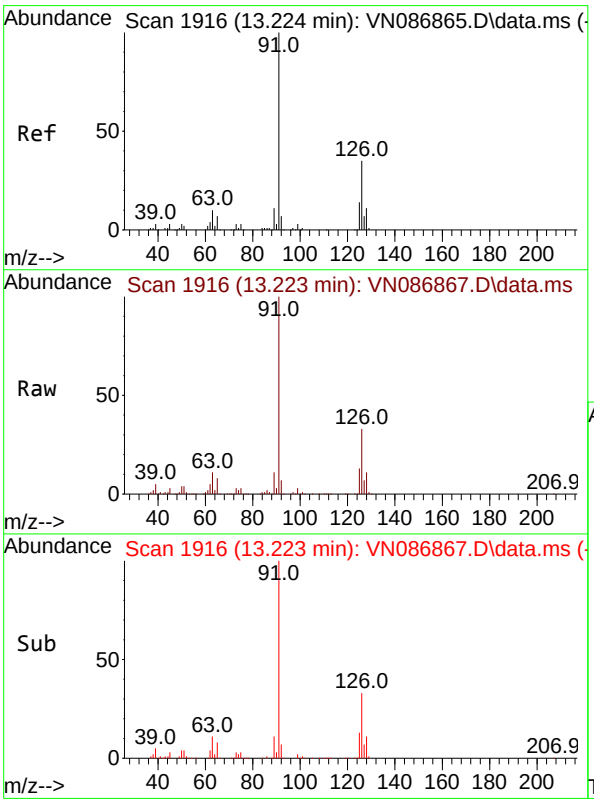
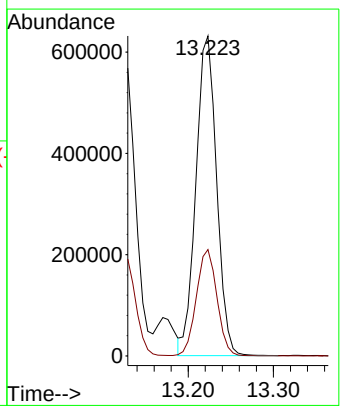


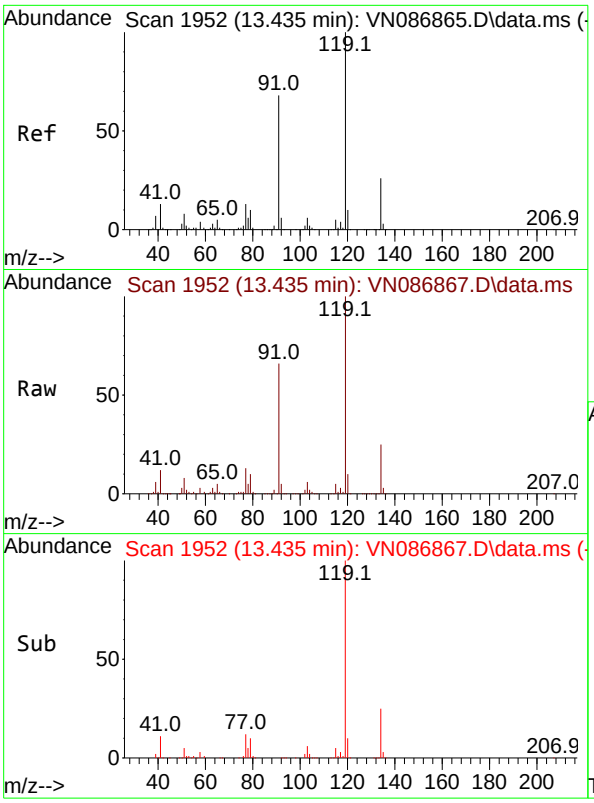


#82
4-Chlorotoluene
Concen: 144.900 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 91 Resp: 1063581

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.7	50.1

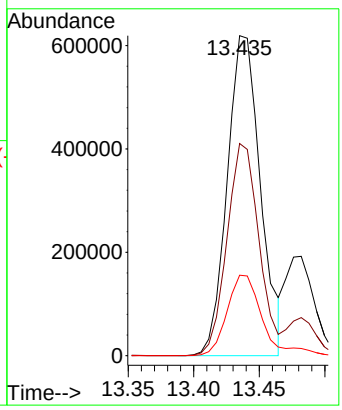




#83
tert-Butylbenzene
Concen: 145.352 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:119 Resp: 109340

Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.1	96.5
134	26.7	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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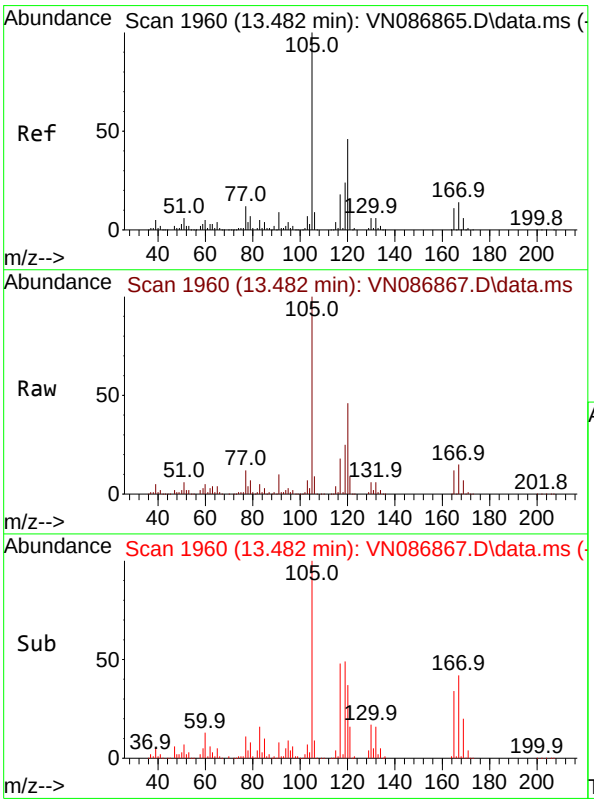
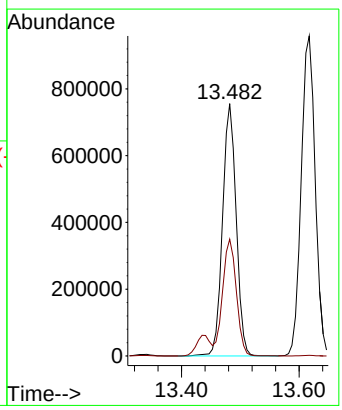
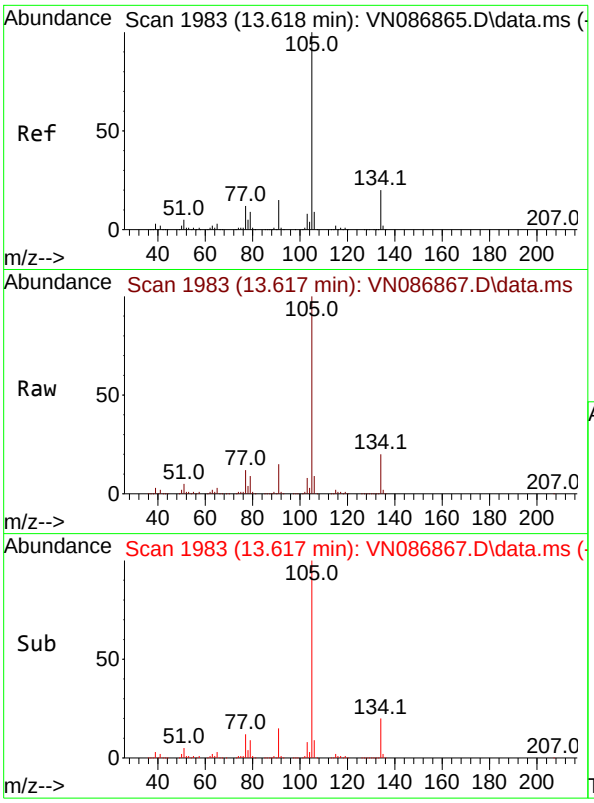


#84
1,2,4-Trimethylbenzene
Concen: 147.626 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:105 Resp: 1216529

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6

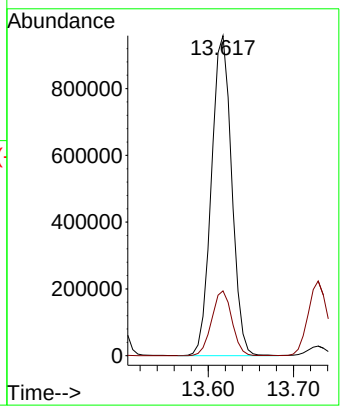




#85
sec-Butylbenzene
Concen: 144.885 ug/l
RT: 13.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:105 Resp: 158276

Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.0	30.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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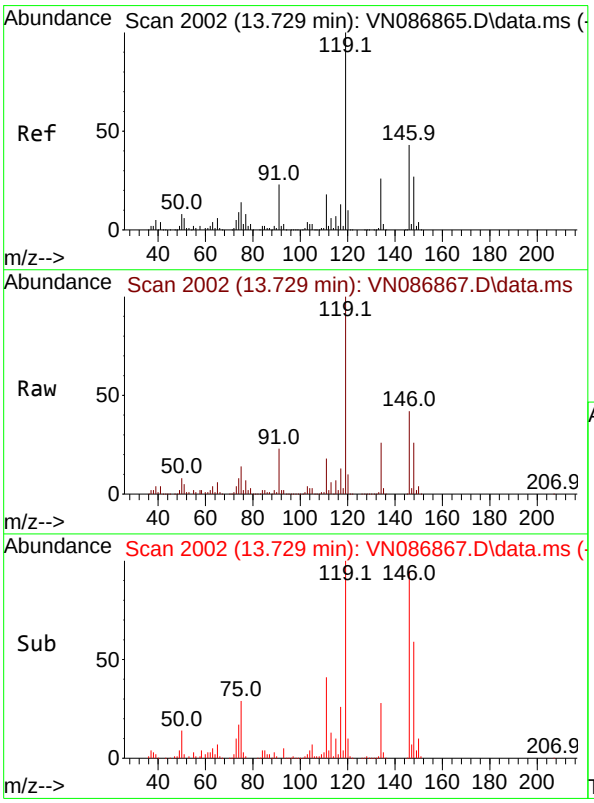
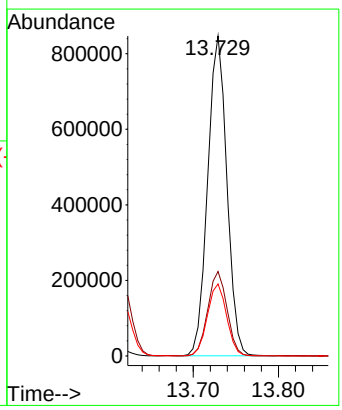
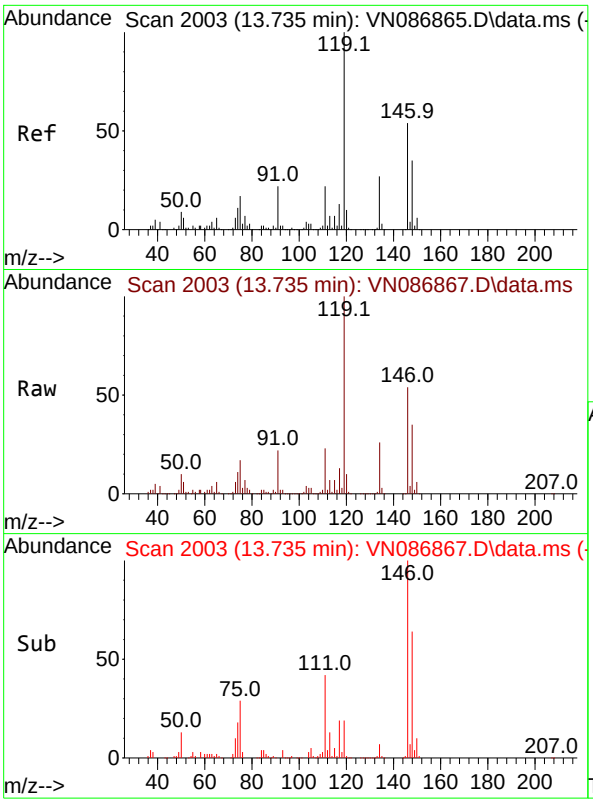


#86
p-Isopropyltoluene
Concen: 146.482 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:119 Resp: 1322780

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.4
91	22.7	11.5	34.4





#87
1,3-Dichlorobenzene
Concen: 142.939 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:146 Resp: 64196

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.9	62.8
148	63.8	32.0	96.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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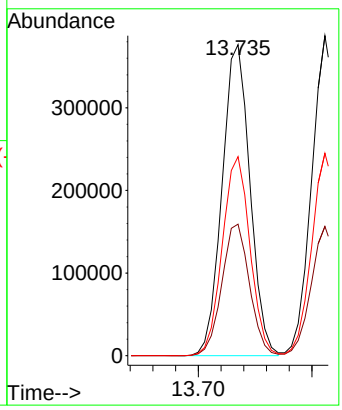
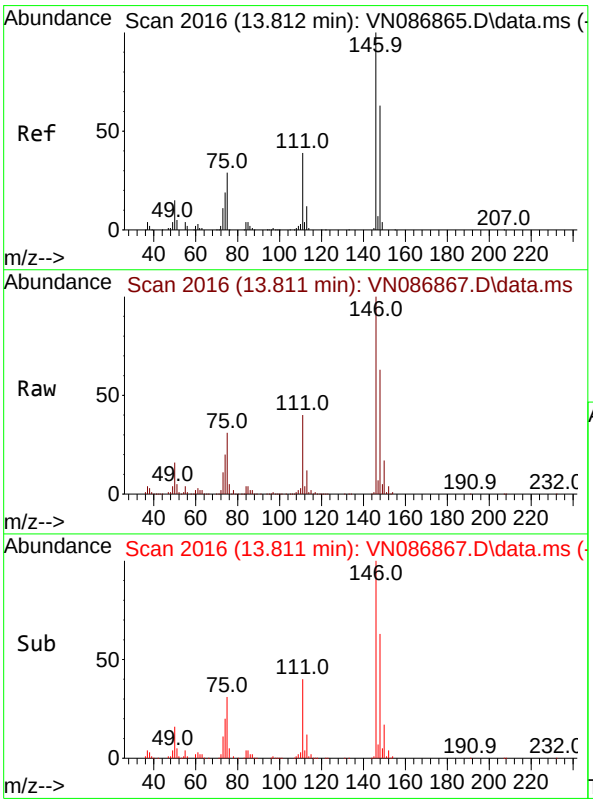
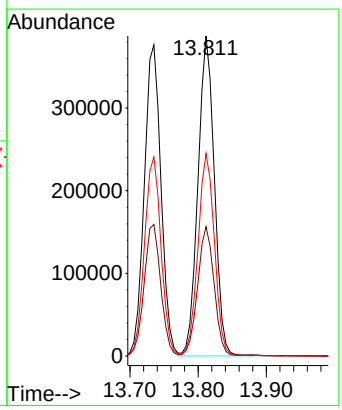


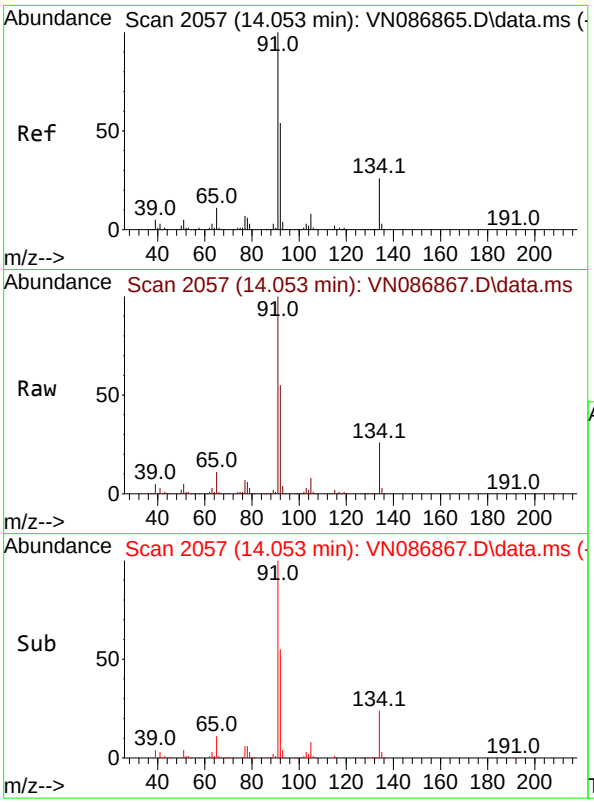


#88
1,4-Dichlorobenzene
Concen: 141.124 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:146 Resp: 646188

Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	63.2	31.8	95.4

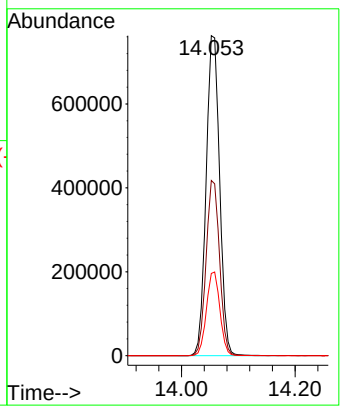




#89
n-Butylbenzene
Concen: 143.117 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 91 Resp: 125181

Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.5	82.4
134	26.1	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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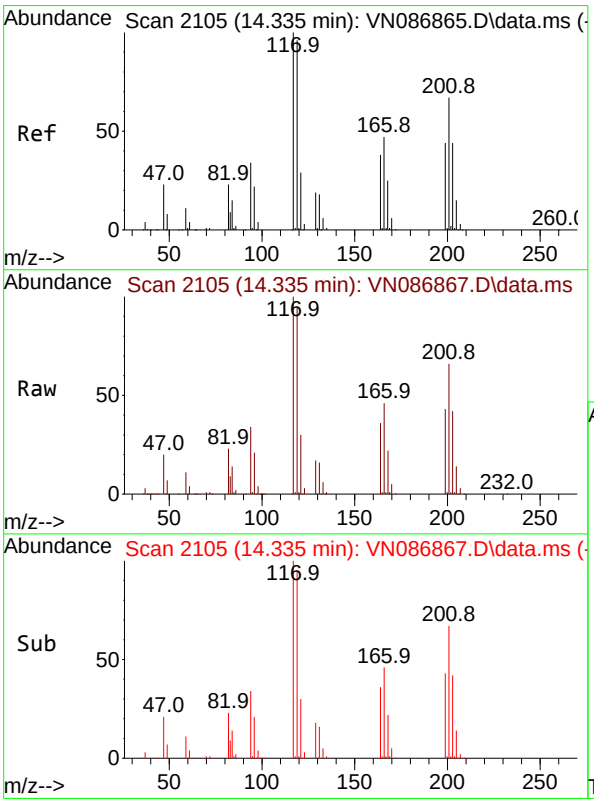
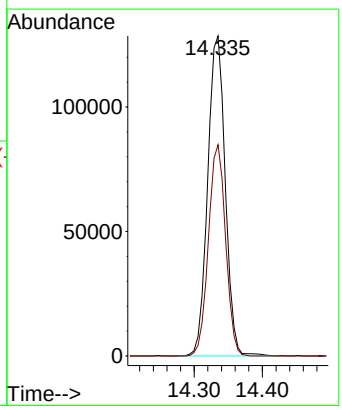
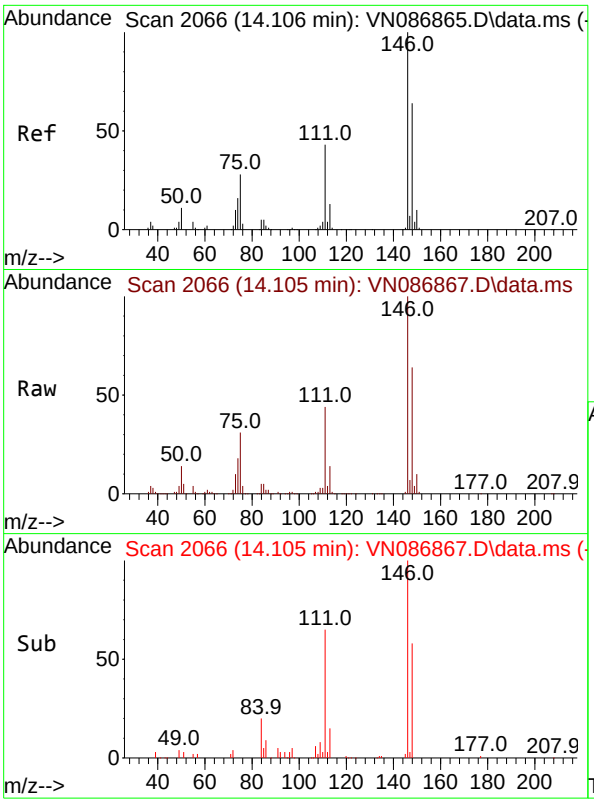


#90
Hexachloroethane
Concen: 150.387 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:117 Resp: 230195

Ion	Ratio	Lower	Upper
117	100		
201	64.5	33.2	99.6

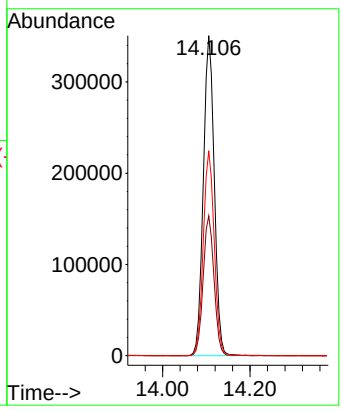




#91
1,2-Dichlorobenzene
Concen: 142.108 ug/l
RT: 14.105 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:146 Resp: 61317

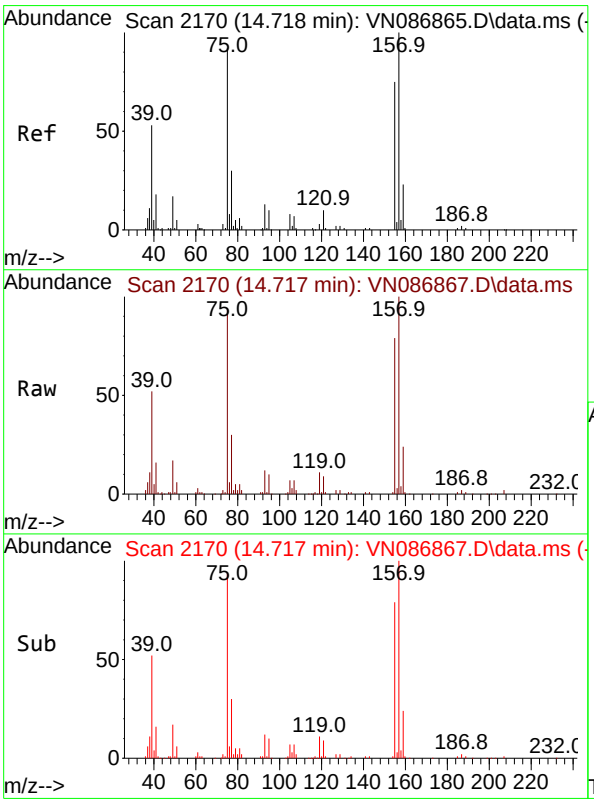
Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.6	64.6
148	63.8	31.7	95.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

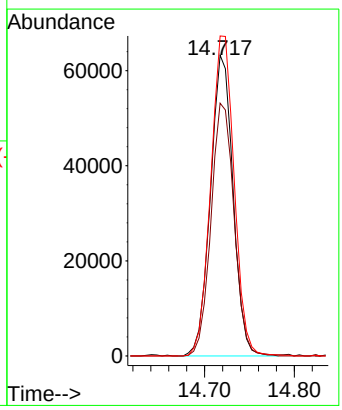
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

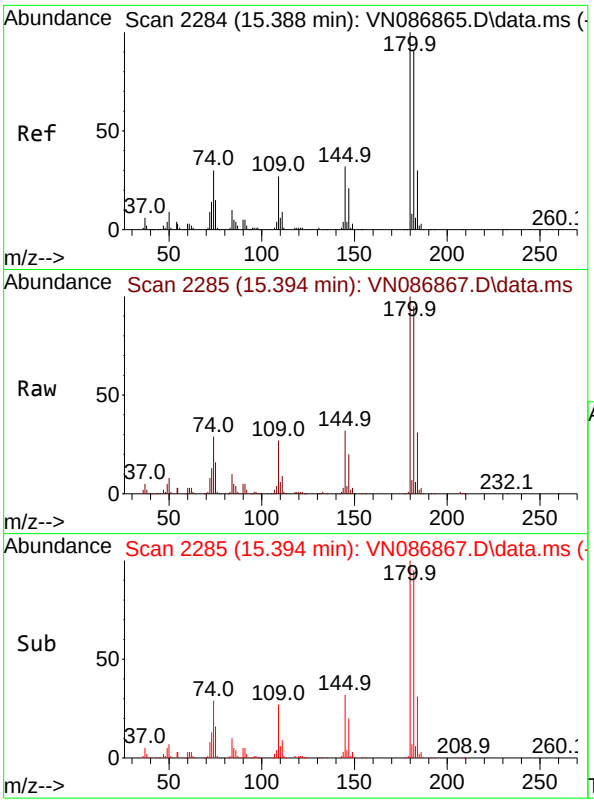


#92
1,2-Dibromo-3-Chloropropane
Concen: 137.242 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 110677

Ion	Ratio	Lower	Upper
75	100		
155	85.5	41.1	123.4
157	110.2	52.7	158.1





#93
1,2,4-Trichlorobenzene
Concen: 147.940 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

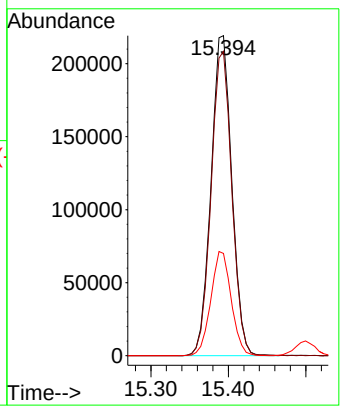
Tgt Ion:180 Resp: 40762

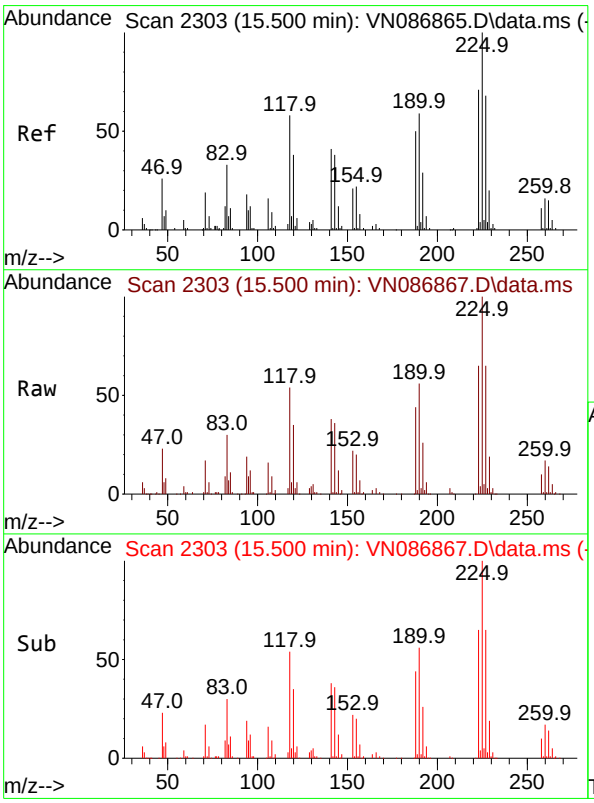
Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.7
145	32.0	16.0	47.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

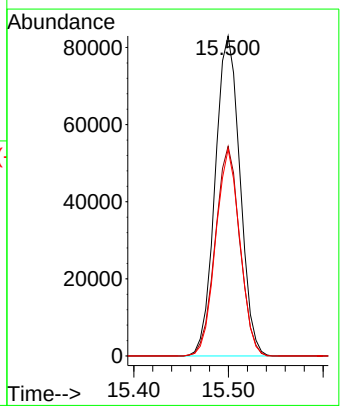


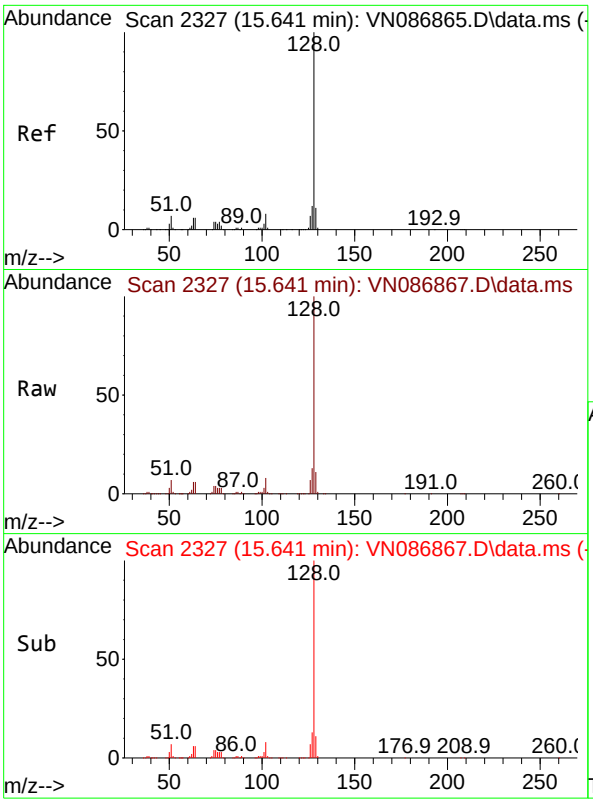


#94
Hexachlorobutadiene
Concen: 147.264 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:225 Resp: 151172

Ion	Ratio	Lower	Upper
225	100		
223	64.8	33.5	100.4
227	63.0	31.1	93.5

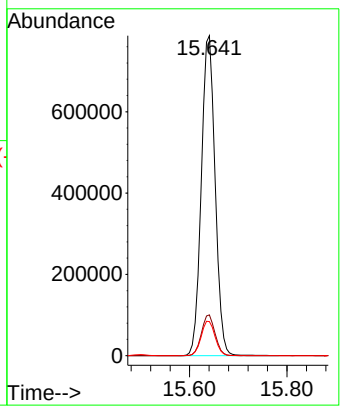




#95
Naphthalene
Concen: 150.743 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:128 Resp: 154598

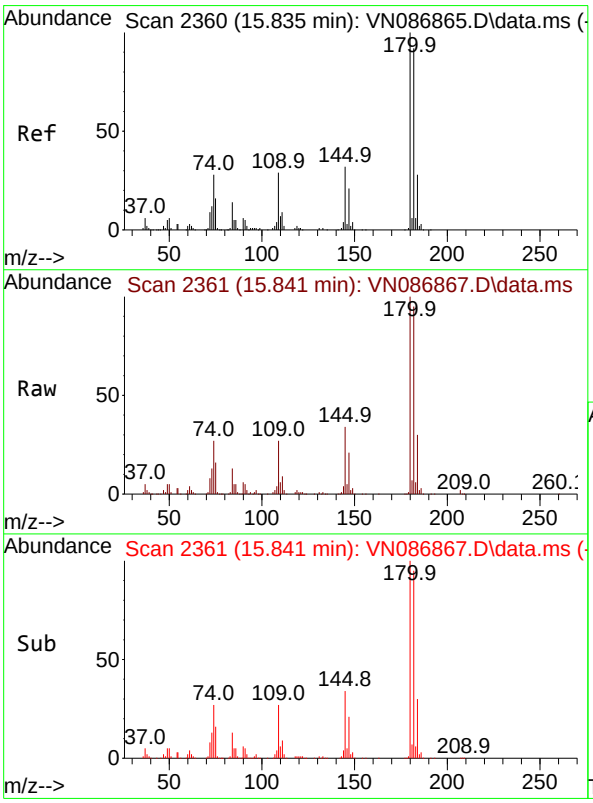
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

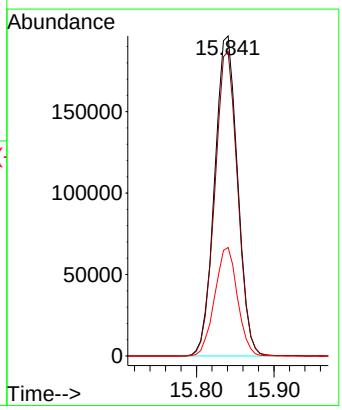
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 147.743 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:180 Resp: 404450

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.0	141.0
145	33.6	16.6	49.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	218122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	394140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	348935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	152255	52.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.260%			
35) Dibromofluoromethane	8.177	113	127102	54.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.840%			
50) Toluene-d8	10.571	98	491265	53.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.260%			
62) 4-Bromofluorobenzene	12.847	95	185792	54.081	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	120237	55.286	ug/l	99
3) Chloromethane	2.401	50	139027	49.505	ug/l	99
4) Vinyl Chloride	2.554	62	151951	52.451	ug/l	99
5) Bromomethane	2.989	94	89638	55.292	ug/l	95
6) Chloroethane	3.154	64	95654	51.117	ug/l	96
7) Trichlorofluoromethane	3.524	101	196138	51.819	ug/l	97
8) Diethyl Ether	3.983	74	87405	53.001	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.395	101	127498	53.615	ug/l	99
10) Methyl Iodide	4.612	142	164080	53.227	ug/l	97
11) Tert butyl alcohol	5.542	59	207768	262.193	ug/l	99
12) 1,1-Dichloroethene	4.359	96	125461	51.678	ug/l	99
13) Acrolein	4.195	56	60336	240.545	ug/l	98
14) Allyl chloride	5.042	41	203344	50.504	ug/l	98
15) Acrylonitrile	5.736	53	479502	258.885	ug/l	100
16) Acetone	4.448	43	382146	246.750	ug/l	98
17) Carbon Disulfide	4.736	76	339466	50.550	ug/l	100
18) Methyl Acetate	5.042	43	234290	51.912	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	454641	51.720	ug/l	100
20) Methylene Chloride	5.295	84	143862	49.617	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	133535	49.437	ug/l	99
22) Diisopropyl ether	6.689	45	440080	51.853	ug/l	99
23) Vinyl Acetate	6.618	43	1828919	255.055	ug/l	99
24) 1,1-Dichloroethane	6.589	63	251473	51.487	ug/l	98
25) 2-Butanone	7.494	43	644194	255.897	ug/l	99
26) 2,2-Dichloropropane	7.500	77	216678	57.031	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	164985	51.073	ug/l	99
28) Bromochloromethane	7.824	49	108810	45.310	ug/l	99
29) Tetrahydrofuran	7.847	42	420891	256.656	ug/l	100
30) Chloroform	7.977	83	248429	50.933	ug/l	97
31) Cyclohexane	8.265	56	237836	50.212	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	209927	50.603	ug/l	97
36) 1,1-Dichloropropene	8.377	75	181414	52.123	ug/l	99
37) Ethyl Acetate	7.571	43	222090	50.125	ug/l	99
38) Carbon Tetrachloride	8.371	117	179281	52.466	ug/l	98
39) Methylcyclohexane	9.606	83	251231	52.686	ug/l	98
40) Benzene	8.612	78	579667	50.931	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	130903	52.607	ug/l		100
42) 1,2-Dichloroethane	8.677	62	177746	51.489	ug/l		100
43) Isopropyl Acetate	8.694	43	359378	50.536	ug/l		100
44) Trichloroethene	9.359	130	139763	51.788	ug/l		100
45) 1,2-Dichloropropane	9.624	63	142463	51.450	ug/l		99
46) Dibromomethane	9.712	93	97199	52.849	ug/l		98
47) Bromodichloromethane	9.894	83	196104	51.824	ug/l		100
48) Methyl methacrylate	9.688	41	168001	51.328	ug/l		98
49) 1,4-Dioxane	9.706	88	66102	1110.123	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	1146622	267.835	ug/l		99
52) Toluene	10.635	92	361963	52.040	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	224839	53.137	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	237774	52.519	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	137998	51.562	ug/l		99
56) Ethyl methacrylate	10.882	69	241649	56.688	ug/l		98
57) 1,3-Dichloropropane	11.165	76	238572	51.386	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	625479	246.006	ug/l		100
59) 2-Hexanone	11.200	43	781717	283.478	ug/l		100
60) Dibromochloromethane	11.359	129	146749	52.627	ug/l		99
61) 1,2-Dibromoethane	11.471	107	142338	51.887	ug/l		99
64) Tetrachloroethene	11.106	164	111409	50.450	ug/l		98
65) Chlorobenzene	11.894	112	391661	50.892	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	129045	52.164	ug/l		99
67) Ethyl Benzene	11.965	91	683879	51.590	ug/l		98
68) m/p-Xylenes	12.071	106	527293	103.912	ug/l		98
69) o-Xylene	12.400	106	254600	52.387	ug/l		100
70) Styrene	12.412	104	438751	52.758	ug/l		99
71) Bromoform	12.582	173	100357	54.751	ug/l	#	99
73) Isopropylbenzene	12.694	105	652045	51.823	ug/l		100
74) N-amyl acetate	12.506	43	238355	54.212	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.941	83	220643	51.763	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	220957m	53.821	ug/l		
77) Bromobenzene	12.982	156	150950	52.313	ug/l		100
78) n-propylbenzene	13.035	91	801180	52.397	ug/l		100
79) 2-Chlorotoluene	13.123	91	473629	51.650	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	548347	52.787	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	99341	55.702	ug/l		97
82) 4-Chlorotoluene	13.223	91	481403	51.884	ug/l		99
83) tert-Butylbenzene	13.441	119	499519	52.532	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	552333	53.024	ug/l		100
85) sec-Butylbenzene	13.618	105	723986	52.428	ug/l		100
86) p-Isopropyltoluene	13.729	119	606979	53.174	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	290810	51.224	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	298412	51.557	ug/l		100
89) n-Butylbenzene	14.059	91	579636	52.424	ug/l		100
90) Hexachloroethane	14.335	117	102254	52.847	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	280025	51.340	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50115	49.161	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	181064	51.986	ug/l		99
94) Hexachlorobutadiene	15.500	225	68570	52.843	ug/l		99
95) Naphthalene	15.641	128	674187	52.005	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	174888	50.539	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

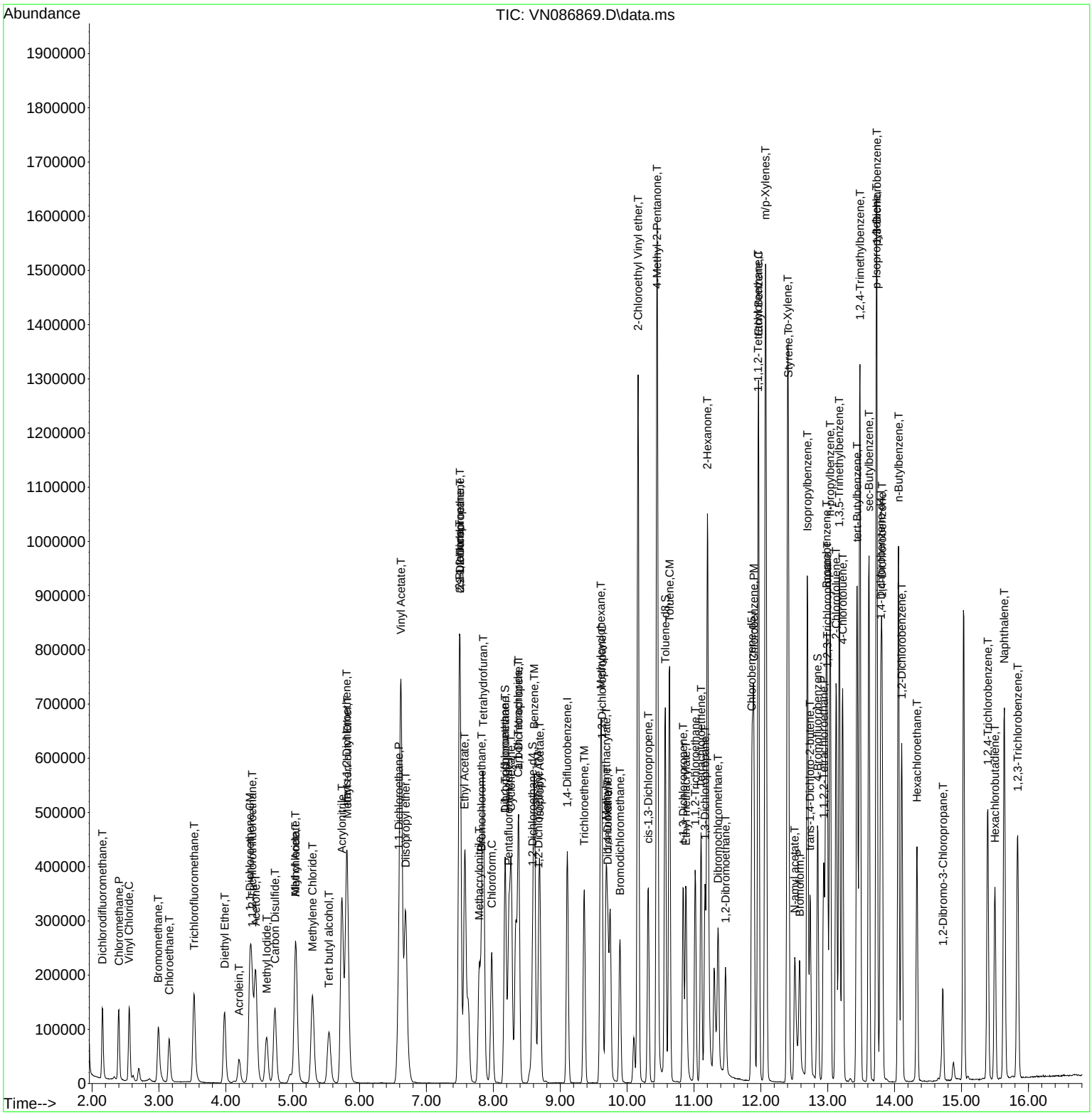
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

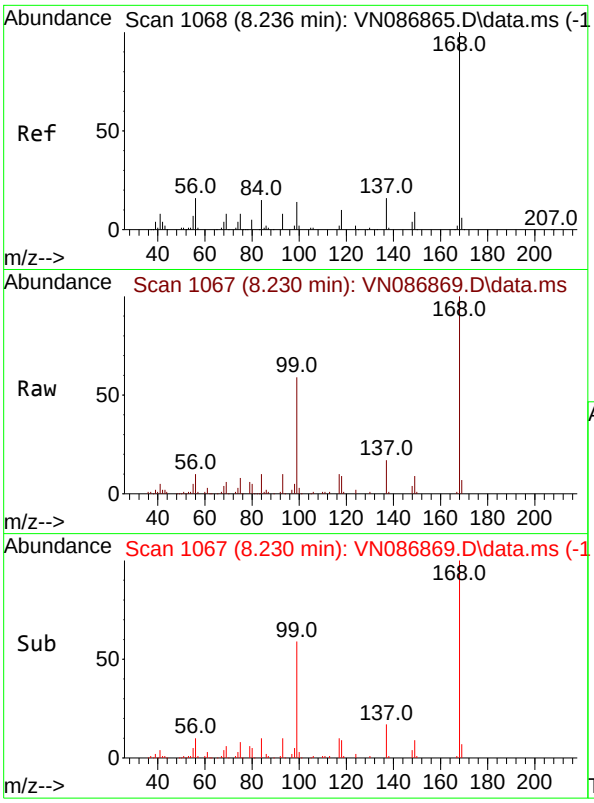
Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

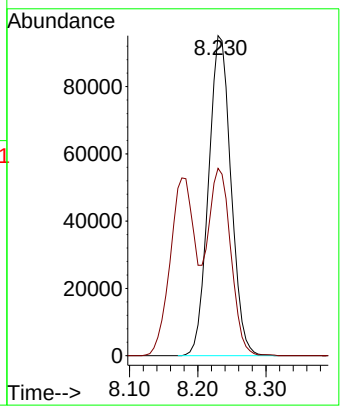




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:168 Resp: 21812

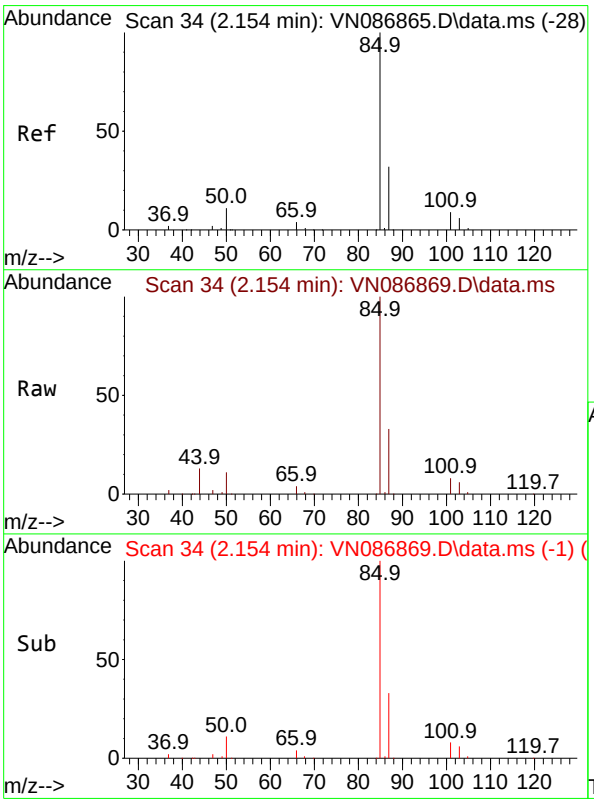
Ion	Ratio	Lower	Upper
168	100		
99	58.6	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations
APPROVED

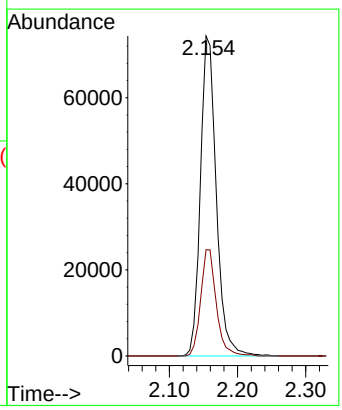
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

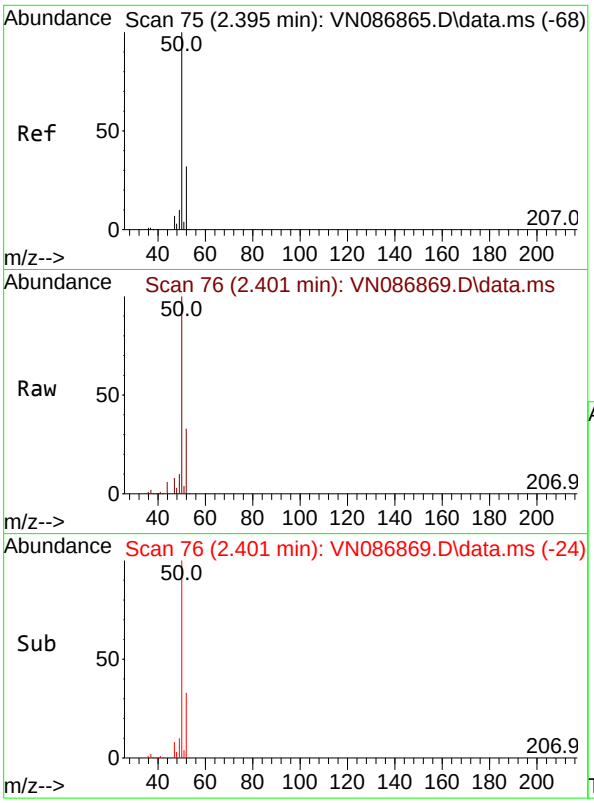


#2
Dichlorodifluoromethane
Concen: 55.286 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 85 Resp: 120237

Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.2	48.6

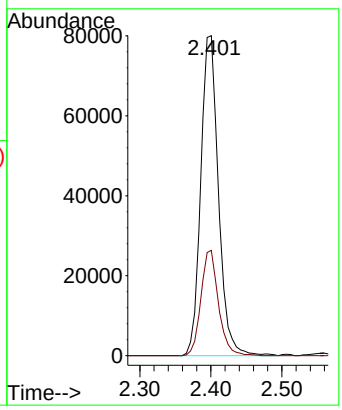




#3
Chloromethane
Concen: 49.505 ug/l
RT: 2.401 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 50 Resp: 13902

Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

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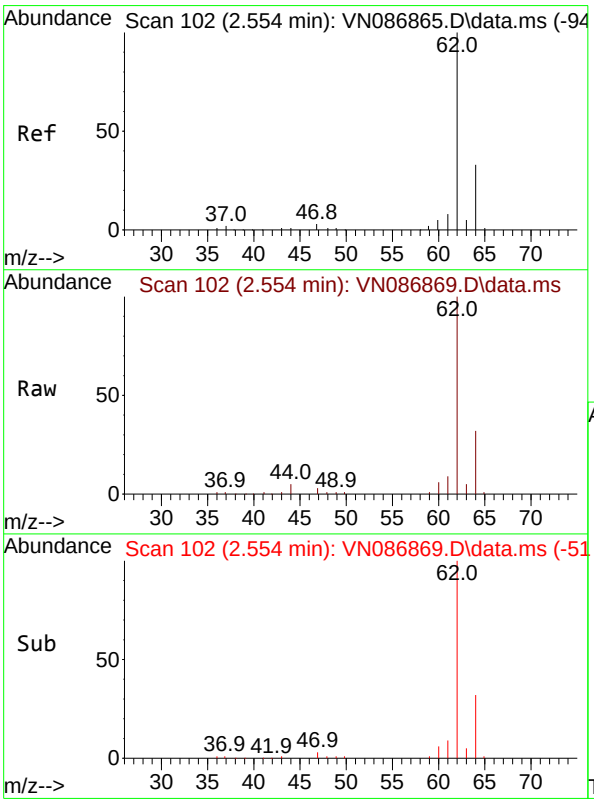
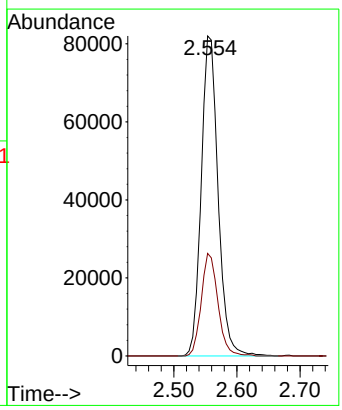
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

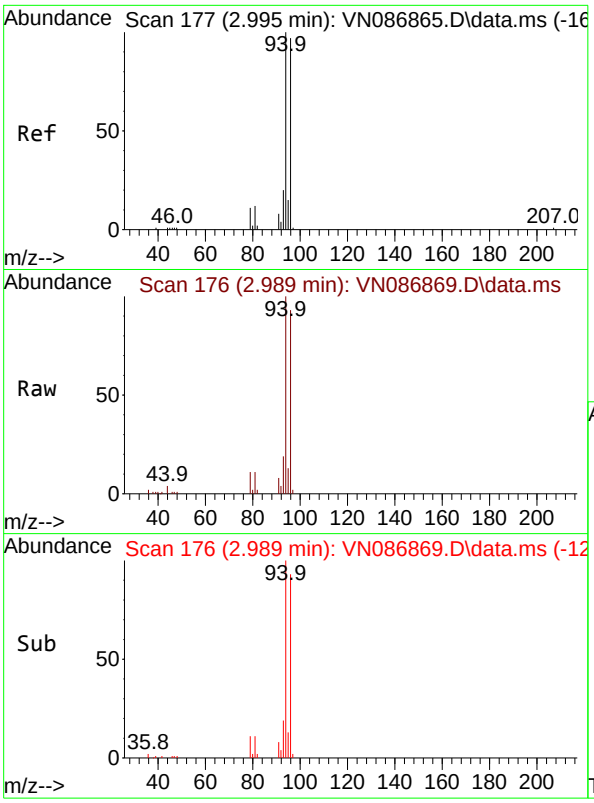


#4
Vinyl Chloride
Concen: 52.451 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 62 Resp: 151951

Ion	Ratio	Lower	Upper
62	100		
64	32.0	26.0	39.0

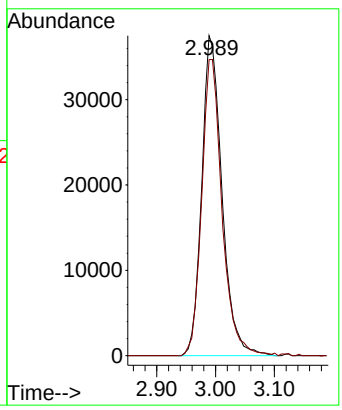




#5
Bromomethane
Concen: 55.292 ug/l
RT: 2.989 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 94 Resp: 8963

Ion	Ratio	Lower	Upper
94	100		
96	92.5	77.9	116.9



Instrument :
MSVOA_N
ClientSampleId :
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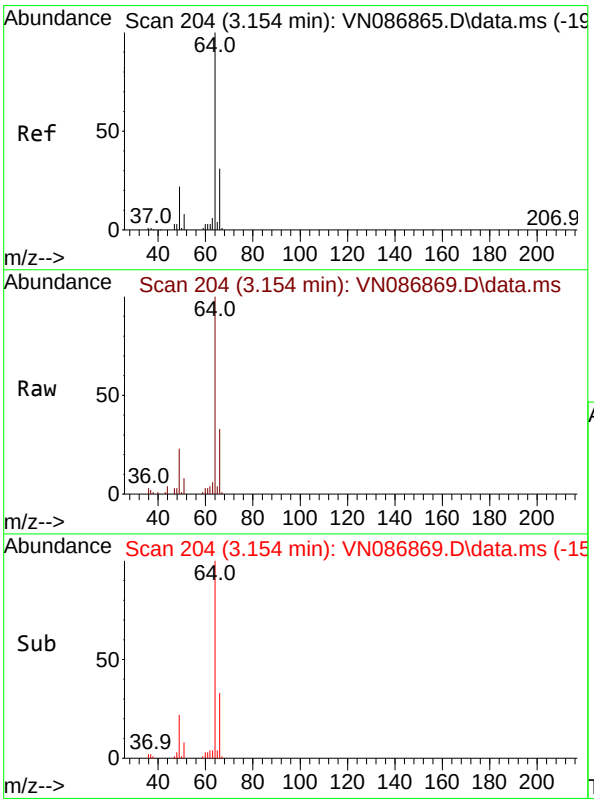
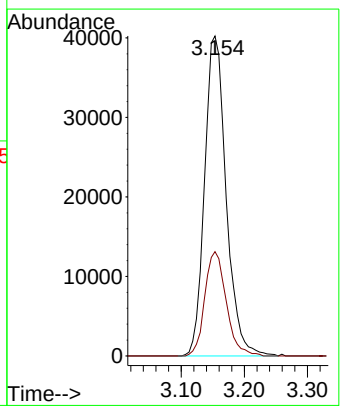
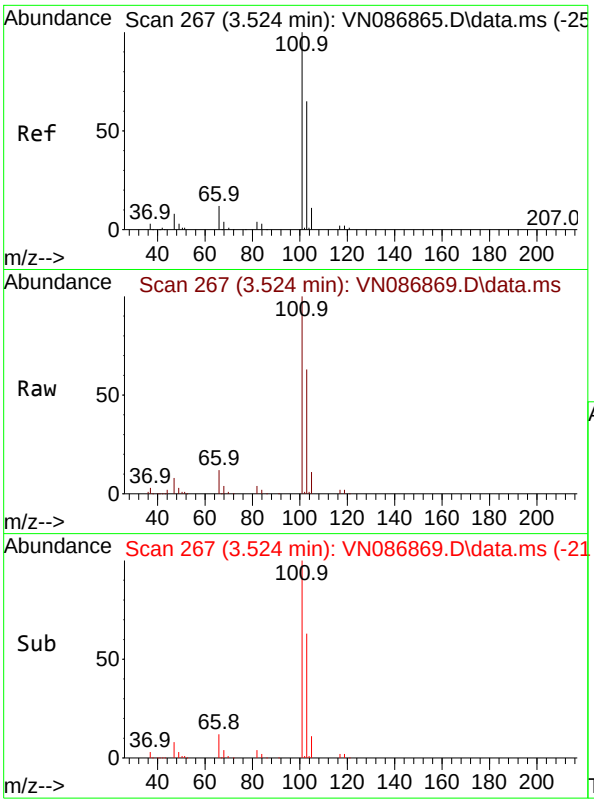


#6
Chloroethane
Concen: 51.117 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 64 Resp: 95654

Ion	Ratio	Lower	Upper
64	100		
66	32.6	24.6	36.8

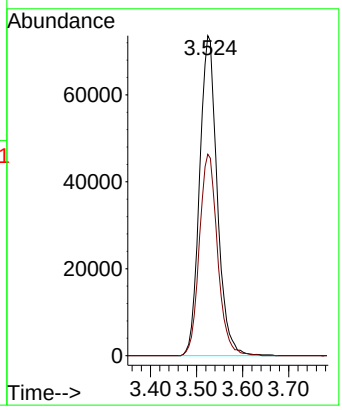




#7
Trichlorofluoromethane
Concen: 51.819 ug/l
RT: 3.524 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:101 Resp: 19613

Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.2	78.2



Instrument :
MSVOA_N
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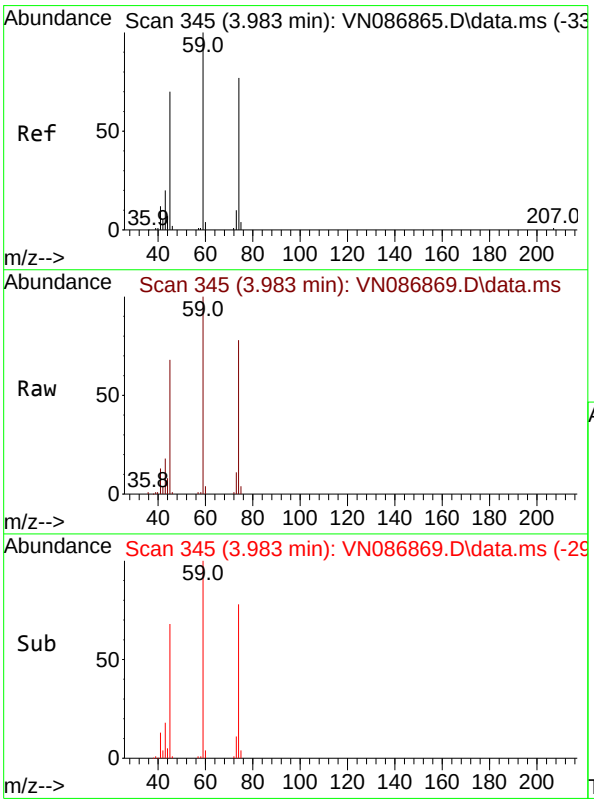
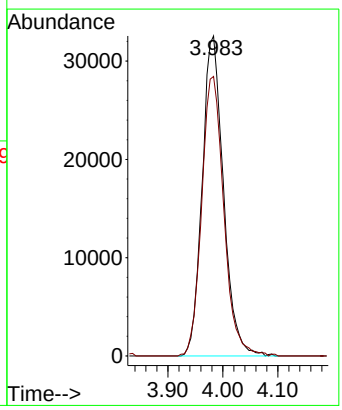
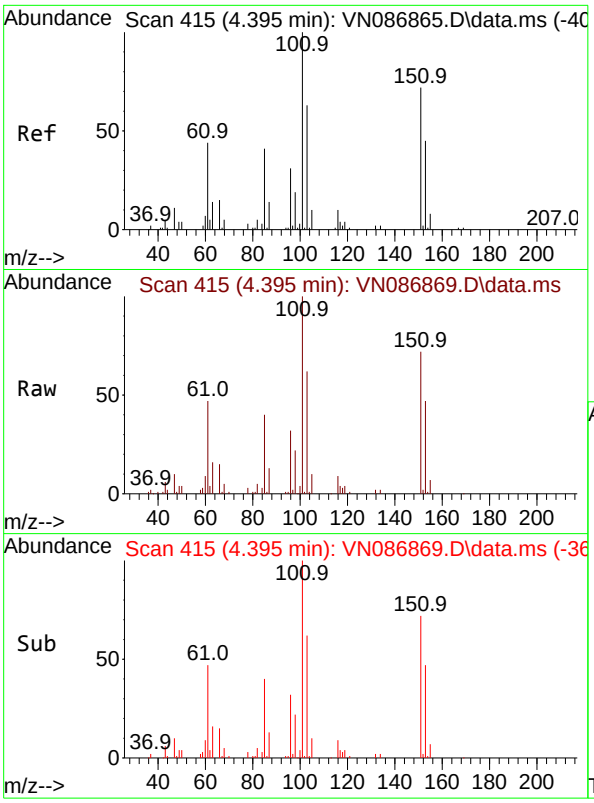


#8
Diethyl Ether
Concen: 53.001 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 74 Resp: 87405

Ion	Ratio	Lower	Upper
74	100		
45	90.9	45.5	136.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.615 ug/l
RT: 4.395 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:101 Resp: 12749

Ion	Ratio	Lower	Upper
101	100		
85	41.9	33.8	50.8
151	72.8	58.7	88.1

Instrument :
MSVOA_N
ClientSampleId :
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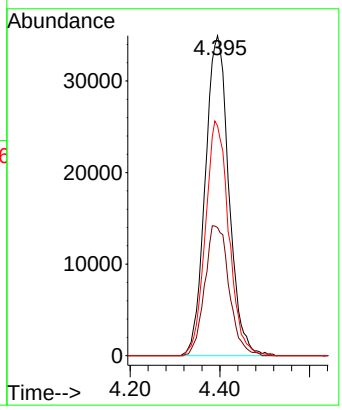
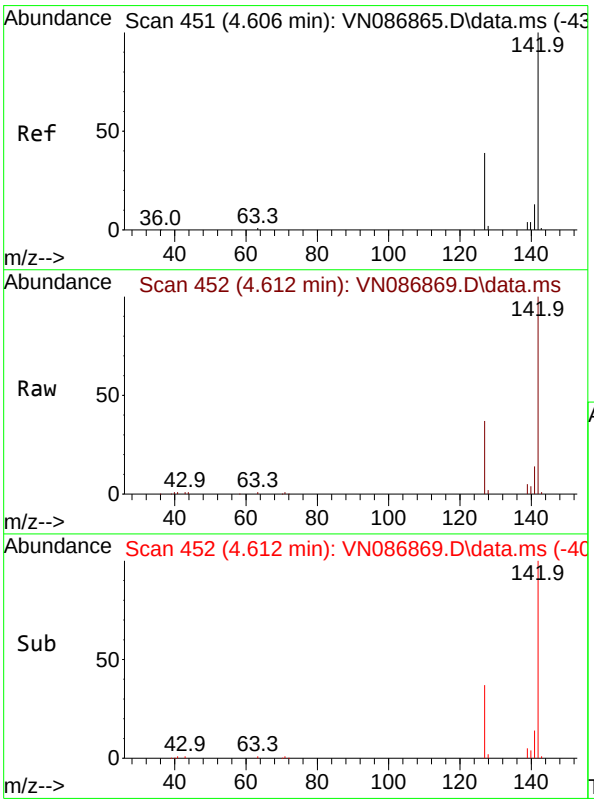
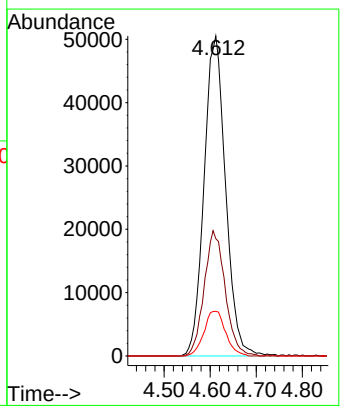


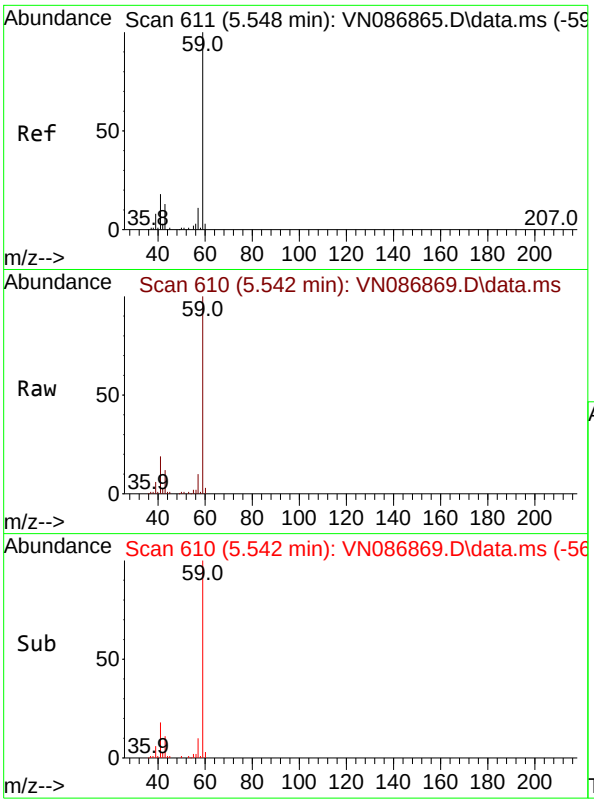


#10
Methyl Iodide
Concen: 53.227 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:142 Resp: 164080

Ion	Ratio	Lower	Upper
142	100		
127	36.6	30.9	46.3
141	14.0	10.4	15.6

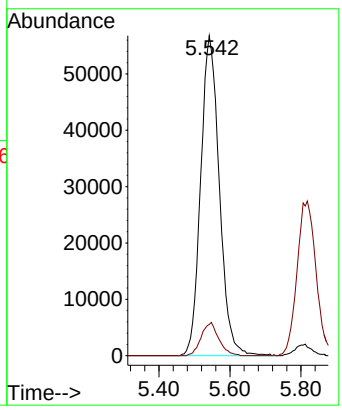




#11
Tert butyl alcohol
Concen: 262.193 ug/l
RT: 5.542 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 59 Resp: 20776

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1



Instrument :
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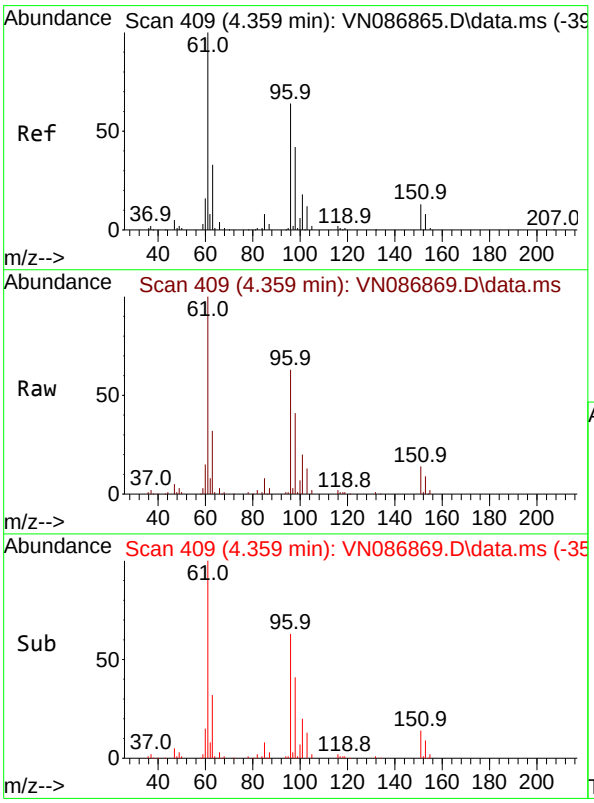
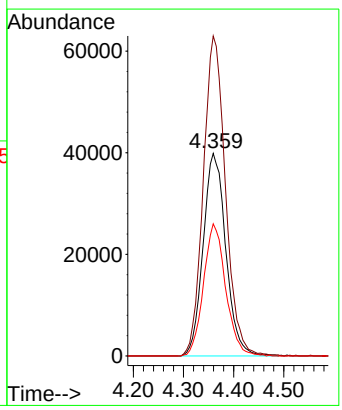
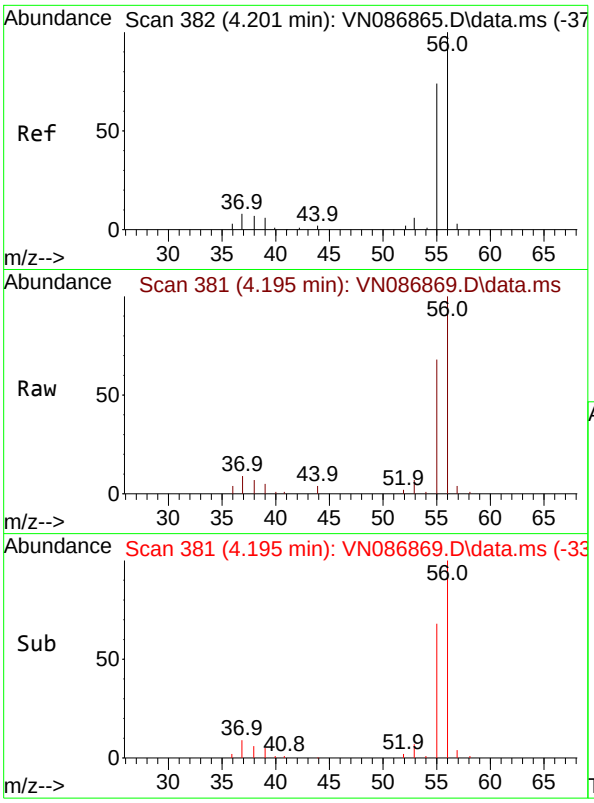


#12
1,1-Dichloroethene
Concen: 51.678 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 96 Resp: 125461

Ion	Ratio	Lower	Upper
96	100		
61	158.0	125.8	188.6
98	65.2	52.5	78.7

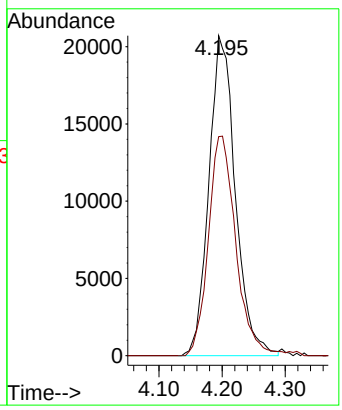




#13
Acrolein
Concen: 240.545 ug/l
RT: 4.195 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 56 Resp: 6033

Ion	Ratio	Lower	Upper
56	100		
55	71.1	55.6	83.4



Instrument :
MSVOA_N
ClientSampleId :
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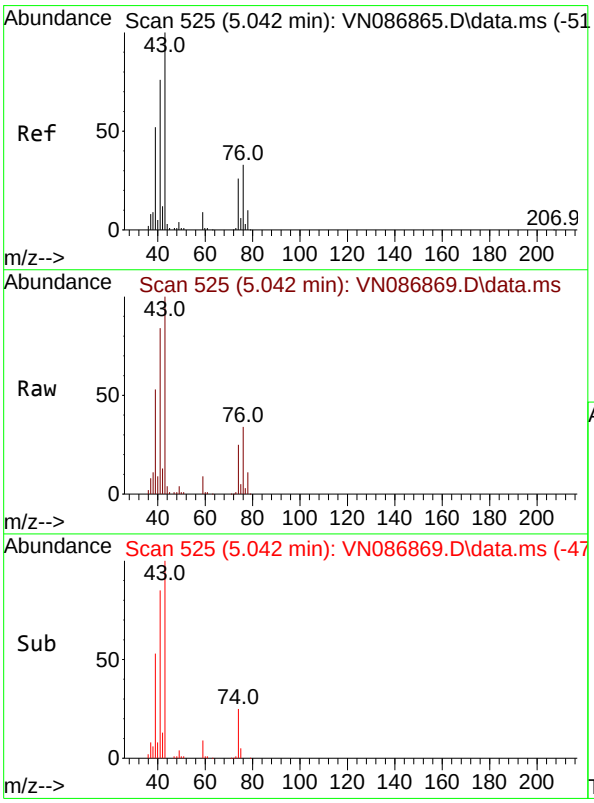
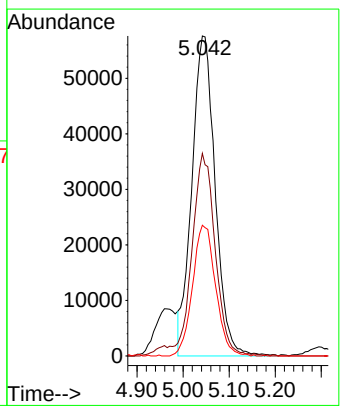
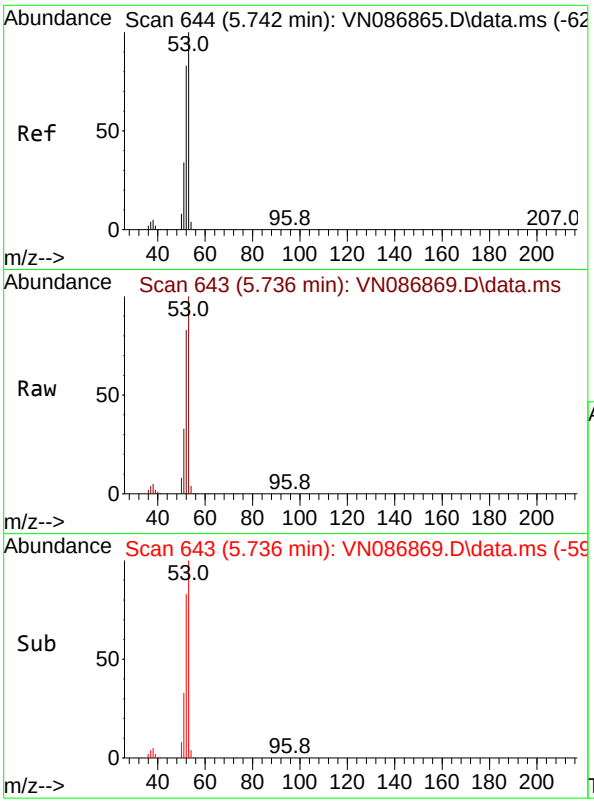


#14
Allyl chloride
Concen: 50.504 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 41 Resp: 203344

Ion	Ratio	Lower	Upper
41	100		
39	62.3	51.3	76.9
76	40.4	31.4	47.0





#15
Acrylonitrile
Concen: 258.885 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 53 Resp: 47950

Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.6
51	34.5	27.2	40.8

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

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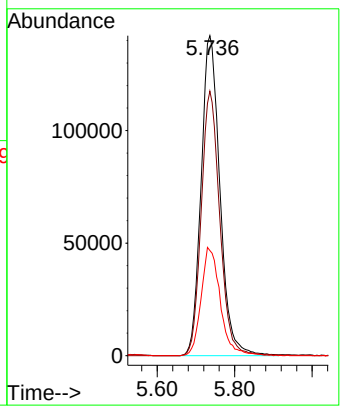
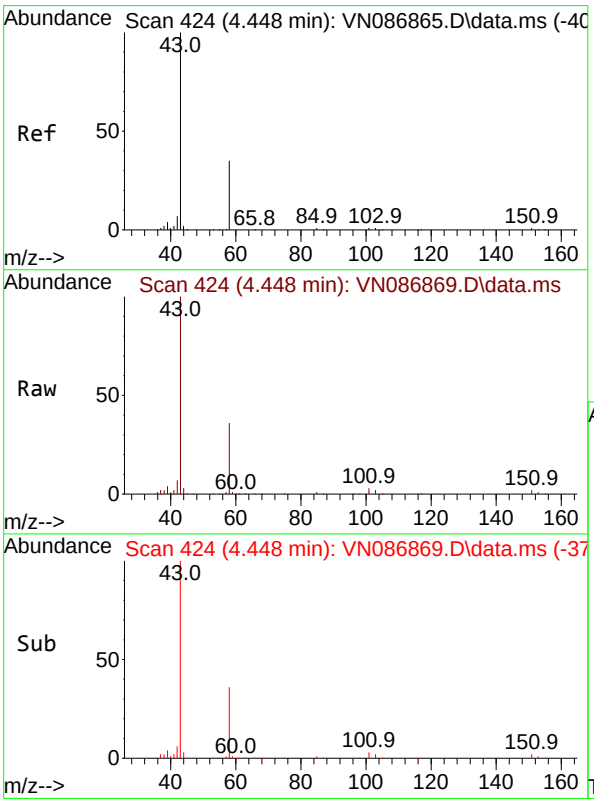
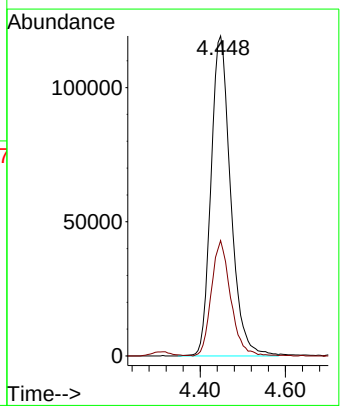


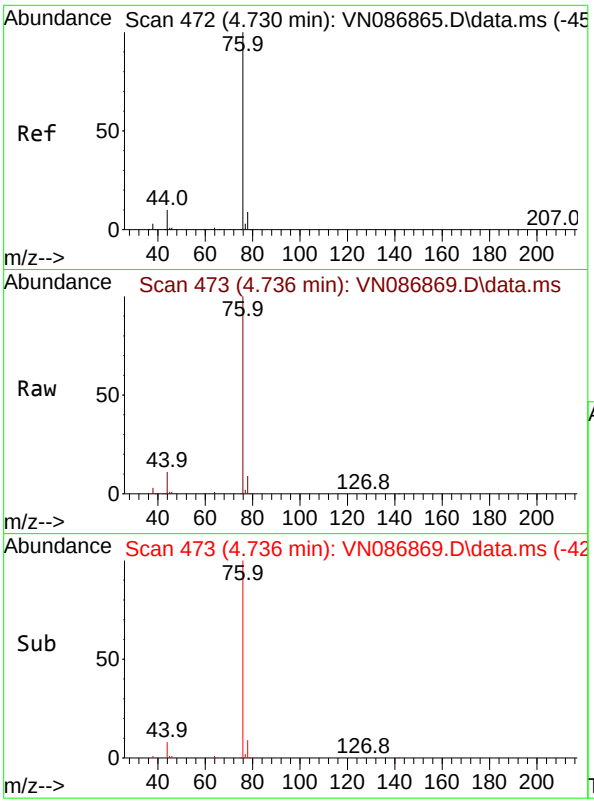


#16
Acetone
Concen: 246.750 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 382146

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.0	42.0

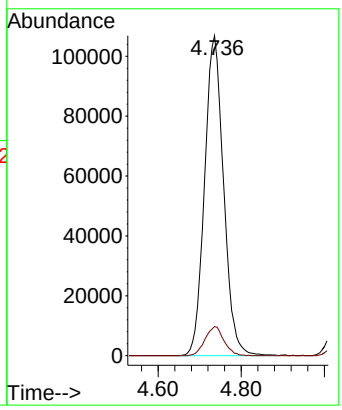




#17
Carbon Disulfide
Concen: 50.550 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 76 Resp: 33946

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9



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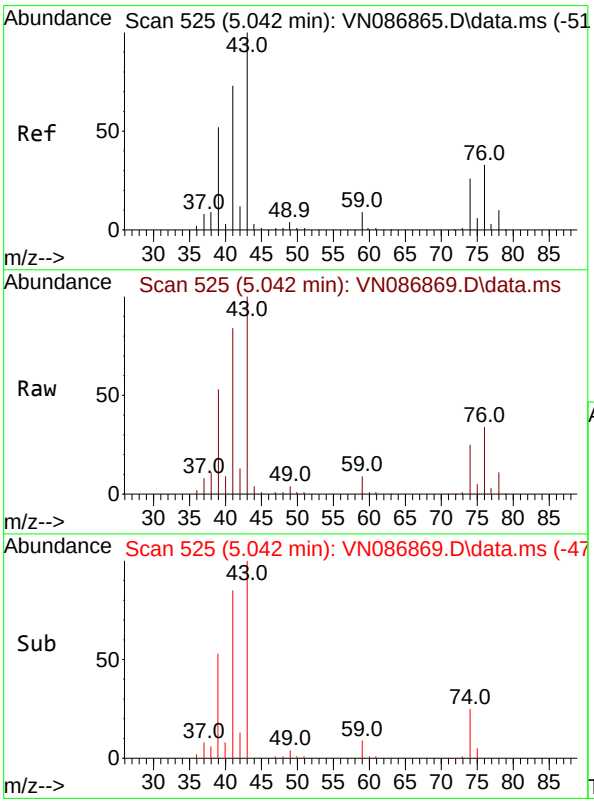
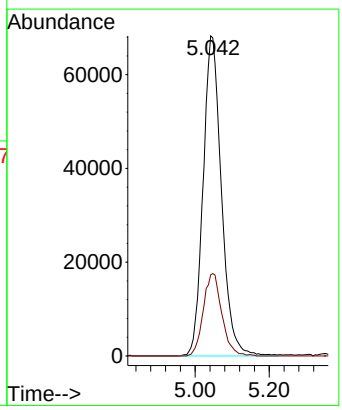
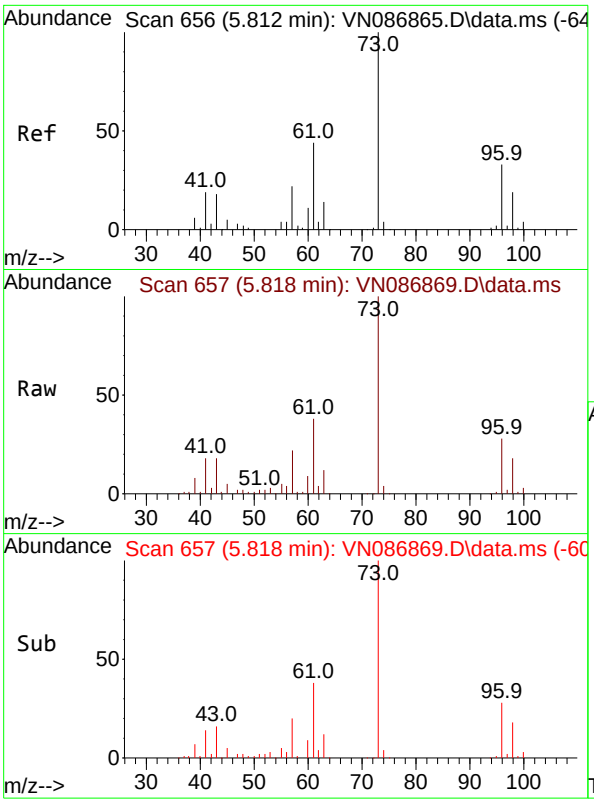


#18
Methyl Acetate
Concen: 51.912 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 234290

Ion	Ratio	Lower	Upper
43	100		
74	25.9	20.7	31.1

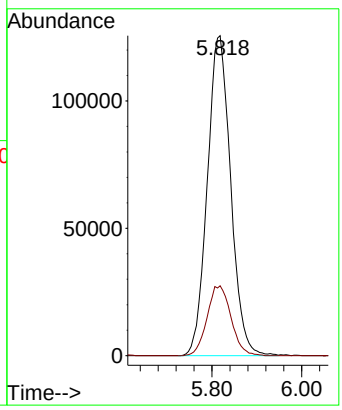




#19
Methyl tert-butyl Ether
Concen: 51.720 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 73 Resp: 45464

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2



Instrument :
MSVOA_N
ClientSampleId :
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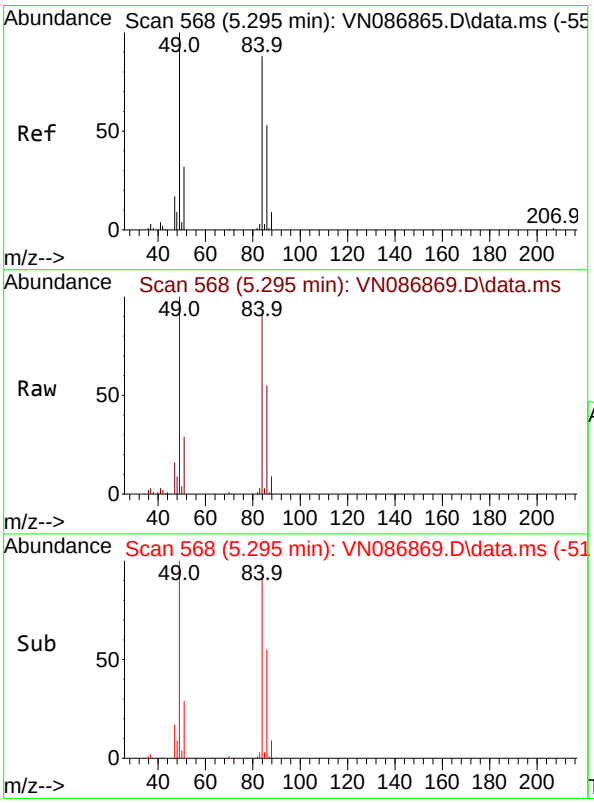
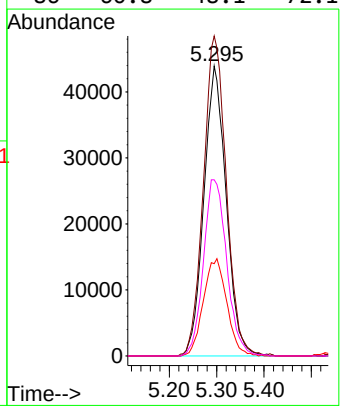
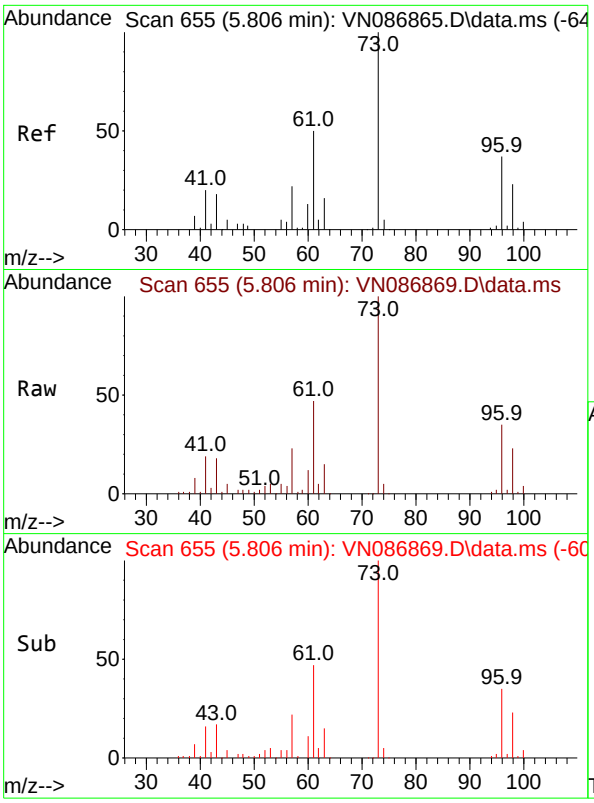


#20
Methylene Chloride
Concen: 49.617 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 84 Resp: 143862

Ion	Ratio	Lower	Upper
84	100		
49	110.3	90.5	135.7
51	31.8	28.5	42.7
86	60.8	48.1	72.1

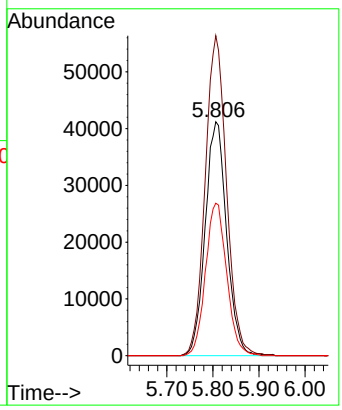




#21
trans-1,2-Dichloroethene
Concen: 49.437 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 96 Resp: 13353

Ion	Ratio	Lower	Upper
96	100		
61	136.8	109.2	163.8
98	65.2	49.8	74.8



Instrument :
MSVOA_N
ClientSampleId :
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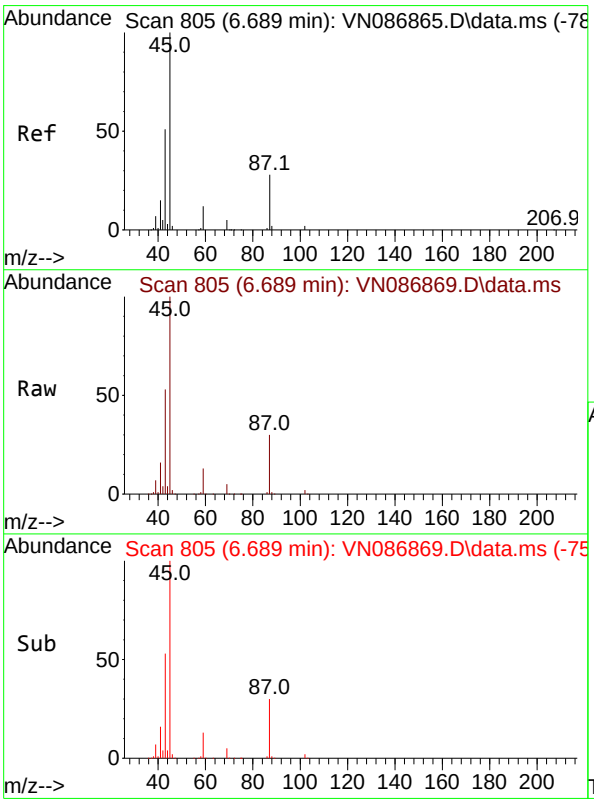
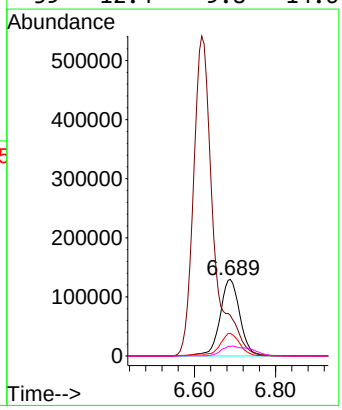
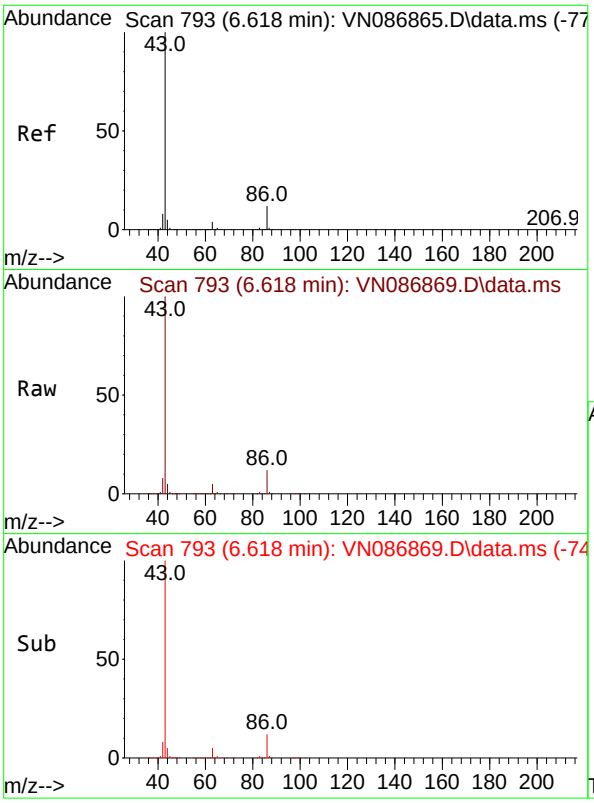


#22
Diisopropyl ether
Concen: 51.853 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 45 Resp: 440080

Ion	Ratio	Lower	Upper
45	100		
43	52.4	41.9	62.9
87	29.5	22.4	33.6
59	12.4	9.8	14.6

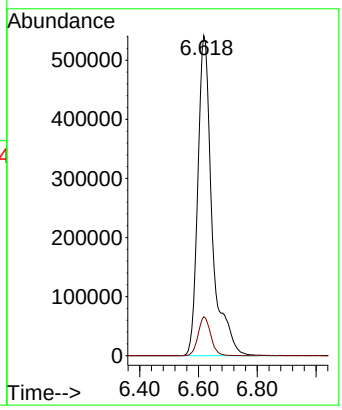




#23
Vinyl Acetate
Concen: 255.055 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 182891

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.5	14.3



Instrument :
MSVOA_N
ClientSampleId :
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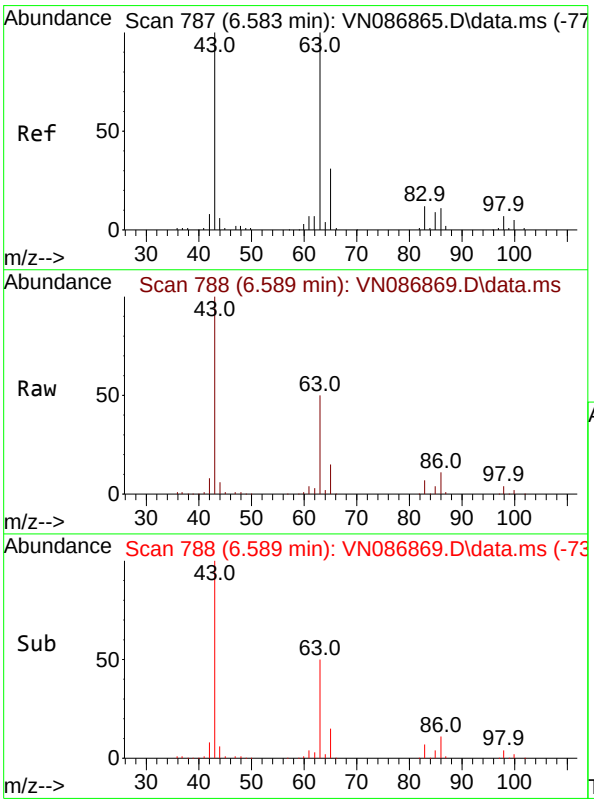
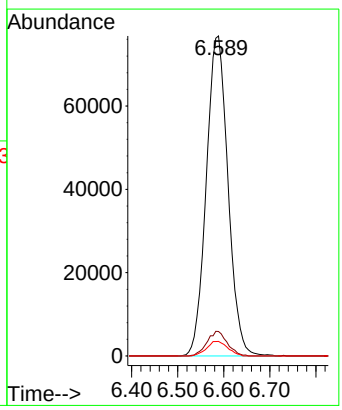
Supervised By :Mahesh Dadoda 06/09/2025

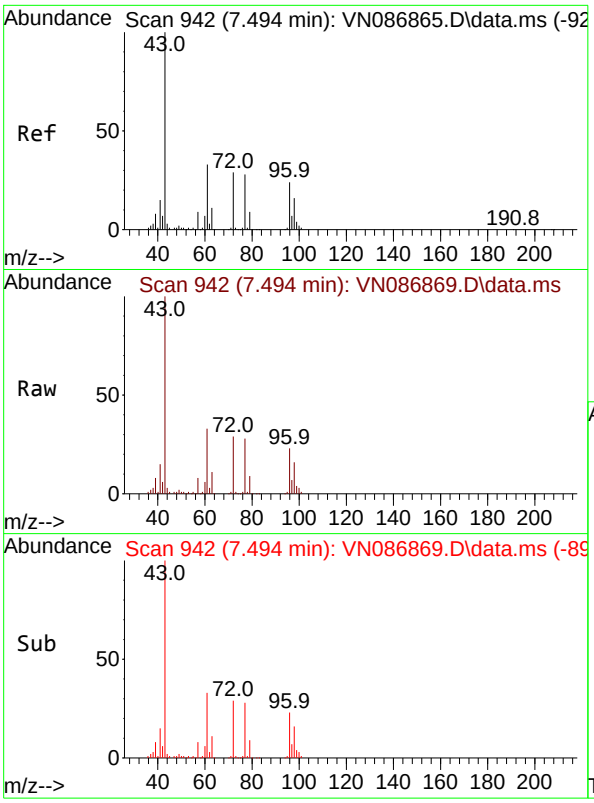


#24
1,1-Dichloroethane
Concen: 51.487 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 63 Resp: 251473

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.6	10.8
100	4.6	2.6	7.8

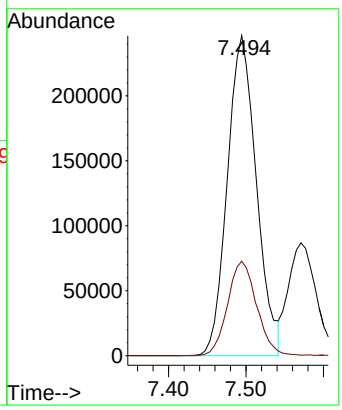




#25
2-Butanone
Concen: 255.897 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 64419

Ion	Ratio	Lower	Upper
43	100		
72	29.5	23.0	34.6



Instrument :
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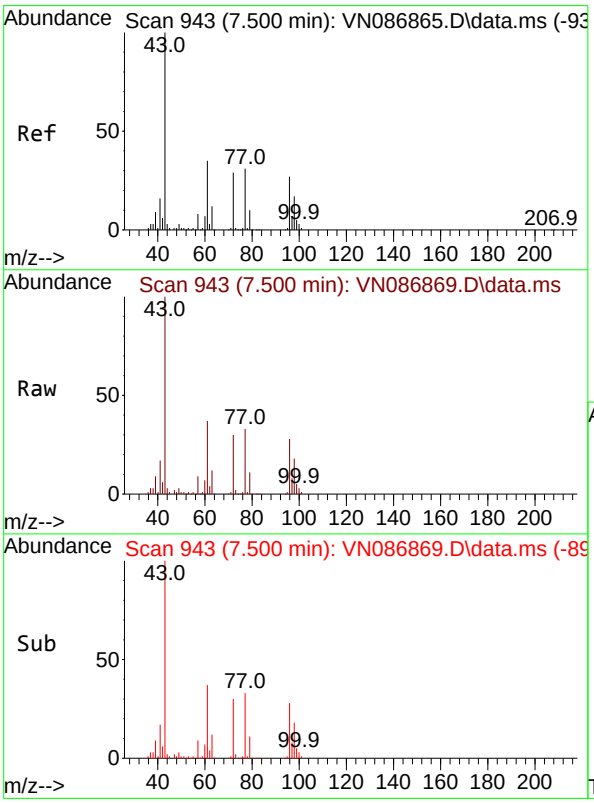
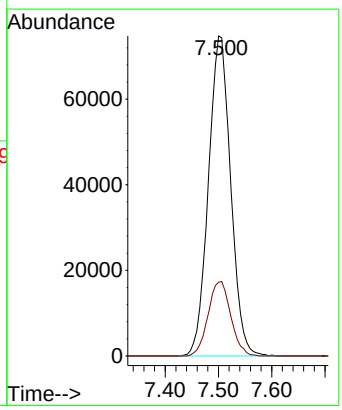
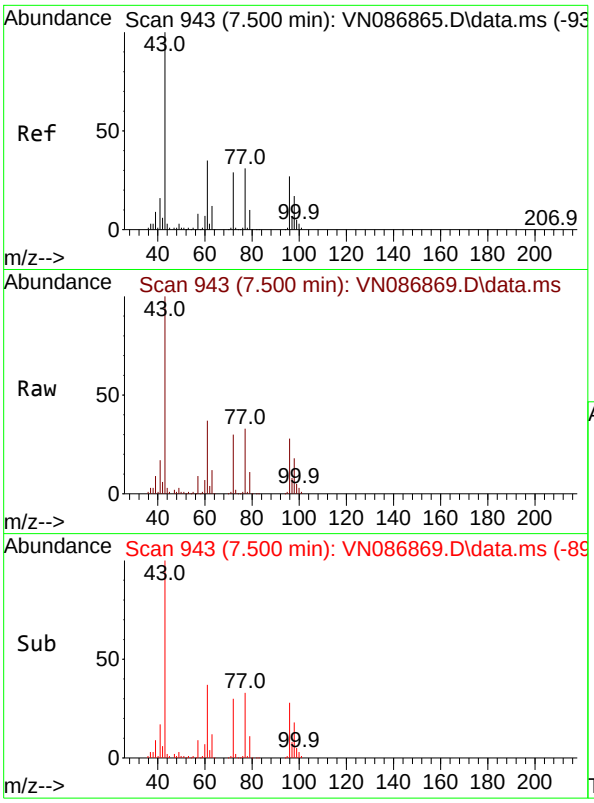


#26
2,2-Dichloropropane
Concen: 57.031 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 77 Resp: 216678

Ion	Ratio	Lower	Upper
77	100		
97	23.7	11.6	34.7

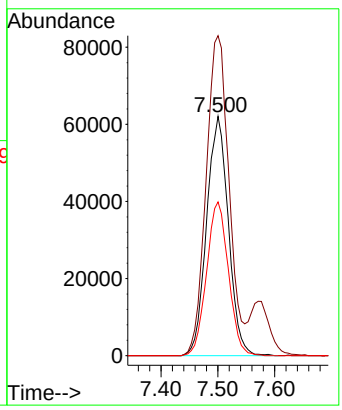




#27
cis-1,2-Dichloroethene
Concen: 51.073 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 96 Resp: 16498

Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	278.0
98	64.5	0.0	128.2



Instrument :
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ClientSampleId :
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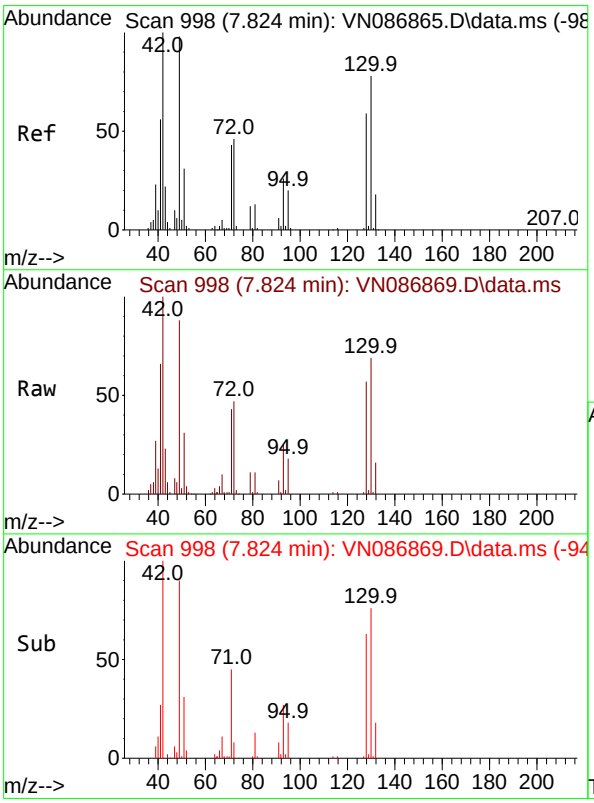
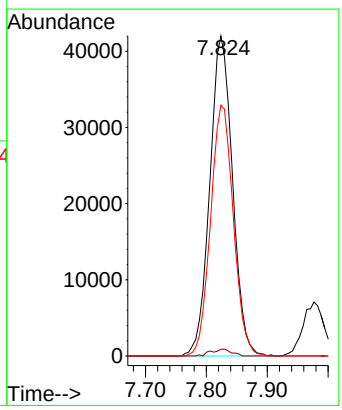
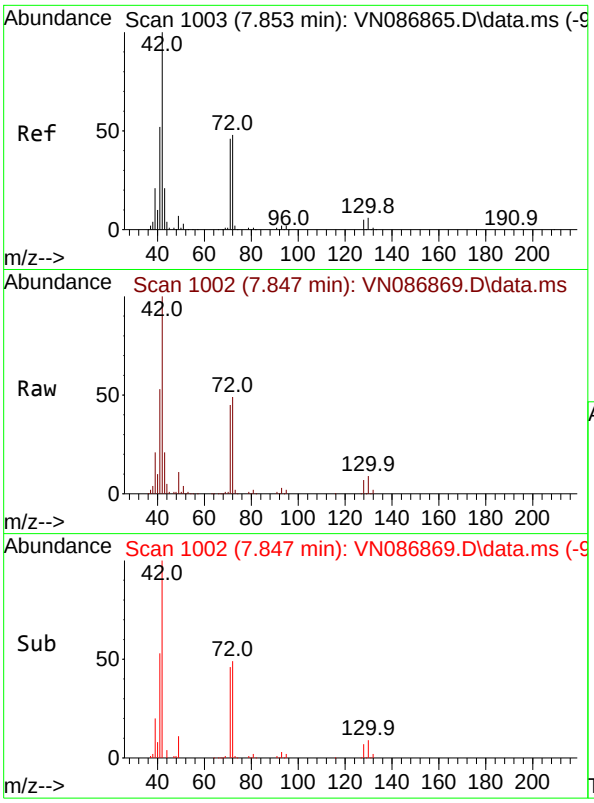


#28
Bromochloromethane
Concen: 45.310 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 49 Resp: 108810

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	78.5	62.2	93.2





#29
Tetrahydrofuran
Concen: 256.656 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 42 Resp: 42089

Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.8	56.6
71	44.5	35.6	53.4

Instrument :
MSVOA_N
ClientSampleId :
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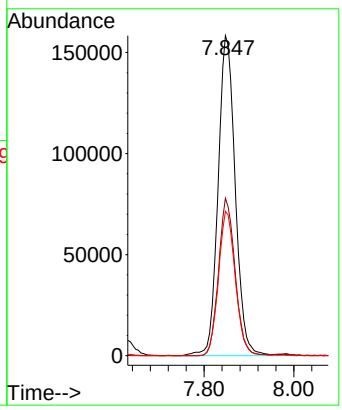
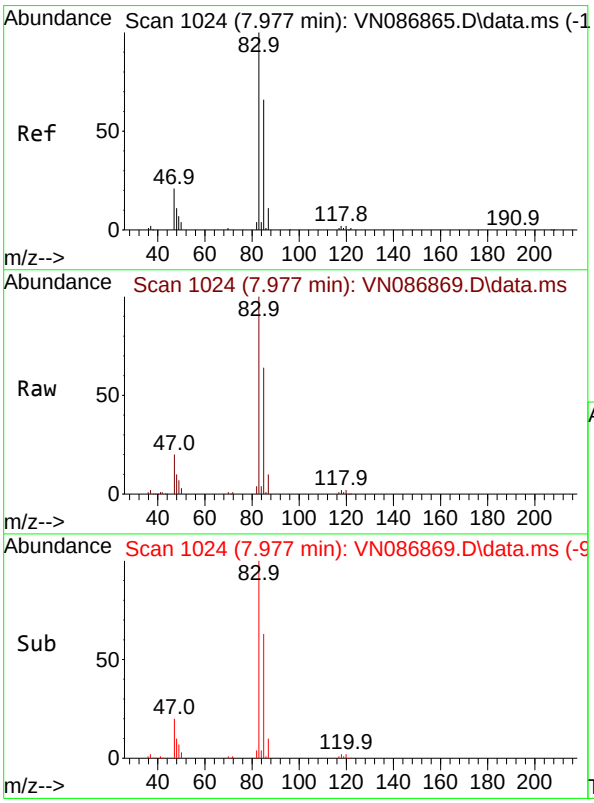
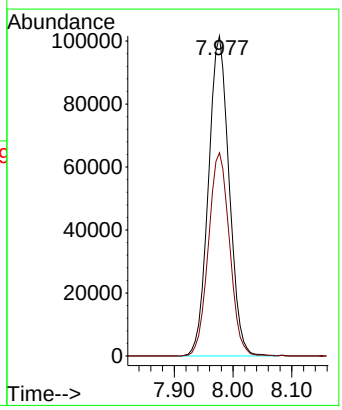


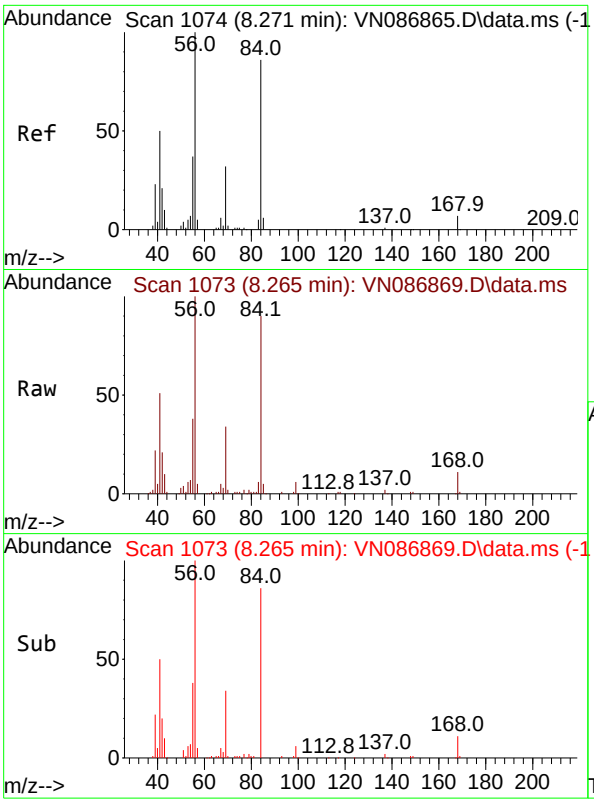


#30
Chloroform
Concen: 50.933 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 83 Resp: 248429

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.9	79.3

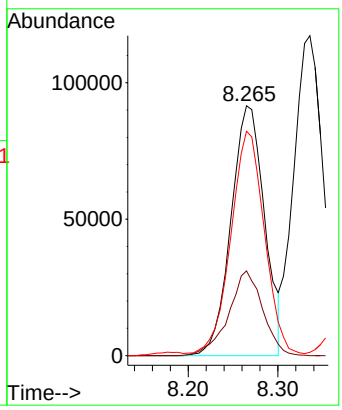




#31
Cyclohexane
Concen: 50.212 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 56 Resp: 23783

Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.4	38.0
84	88.4	68.8	103.2



Instrument :
MSVOA_N
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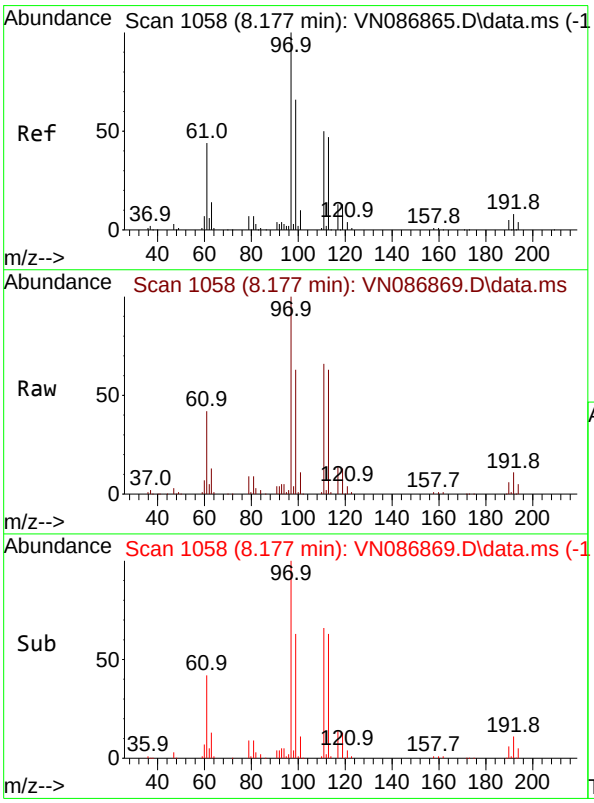
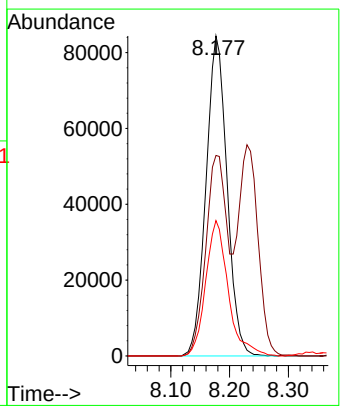
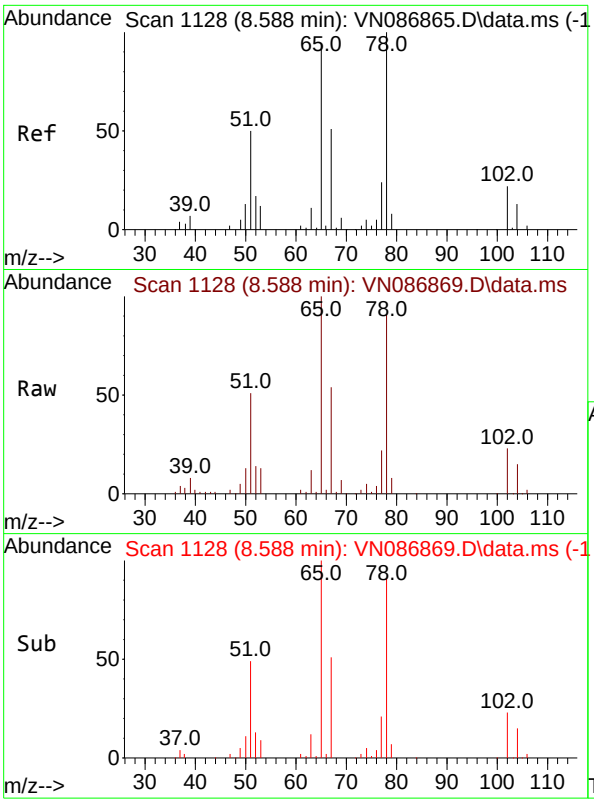


#32
1,1,1-Trichloroethane
Concen: 50.603 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 97 Resp: 209927

Ion	Ratio	Lower	Upper
97	100		
99	61.7	52.0	78.0
61	45.4	35.9	53.9

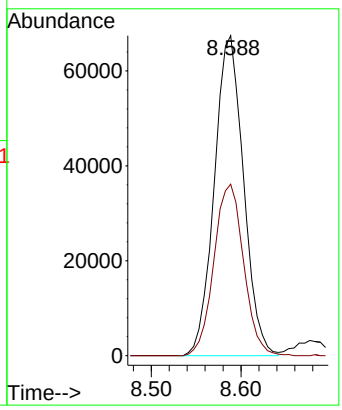




#33
1,2-Dichloroethane-d4
Concen: 52.135 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 65 Resp: 15225

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	105.6



Instrument :
MSVOA_N
ClientSampleId :
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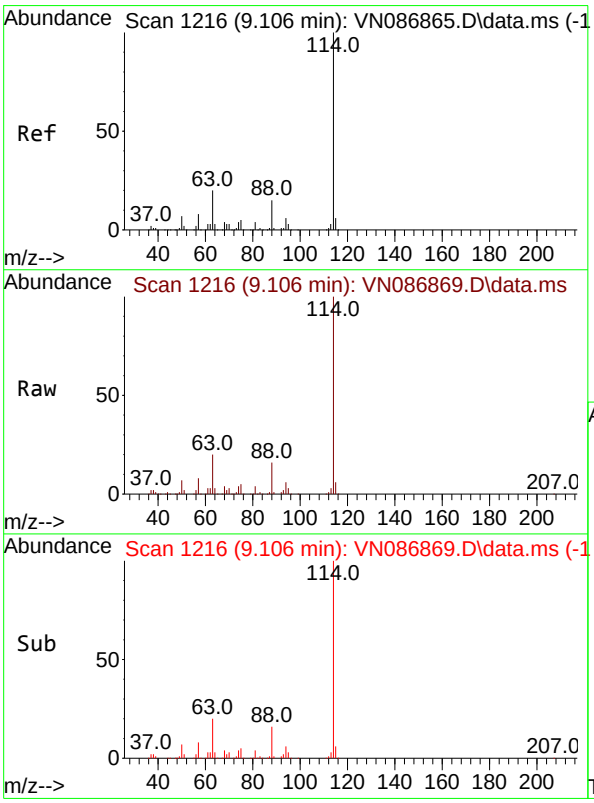
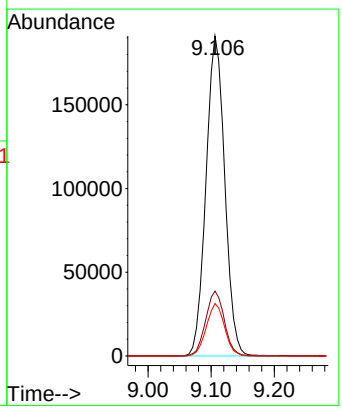
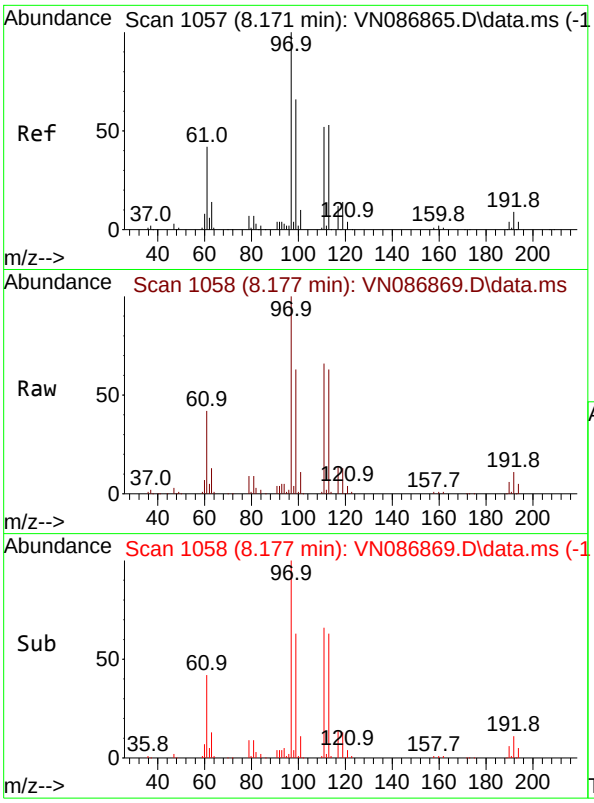


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:114 Resp: 394140

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	16.4	0.0	30.2

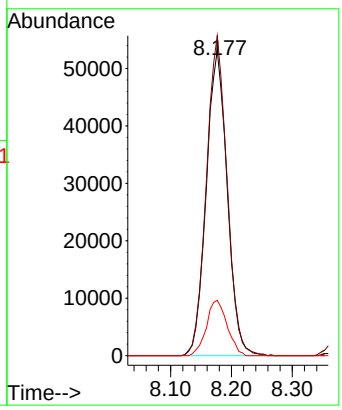




#35
Dibromofluoromethane
Concen: 54.416 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:113 Resp: 12710

Ion	Ratio	Lower	Upper
113	100		
111	103.4	84.2	126.2
192	18.0	14.2	21.4



Instrument :
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ClientSampleId :
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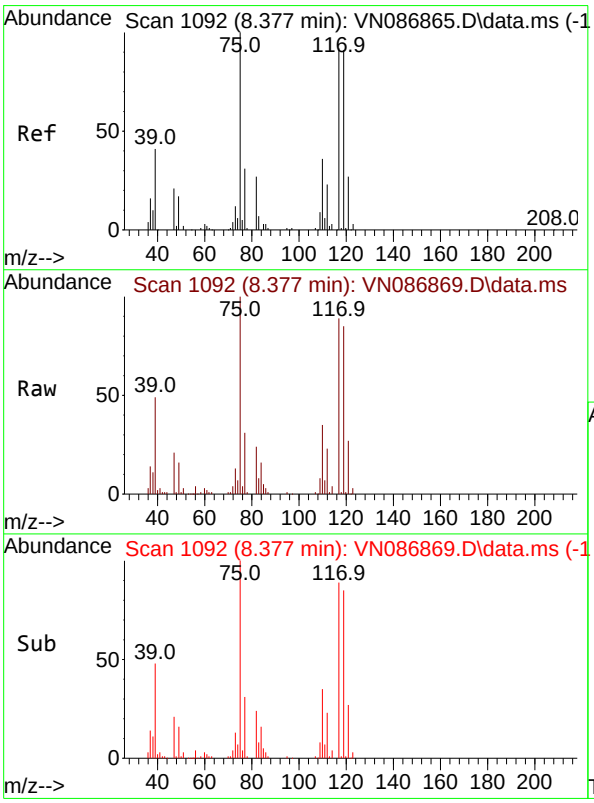
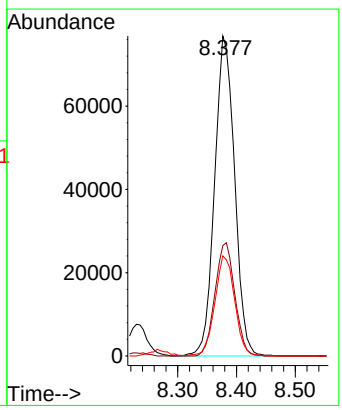
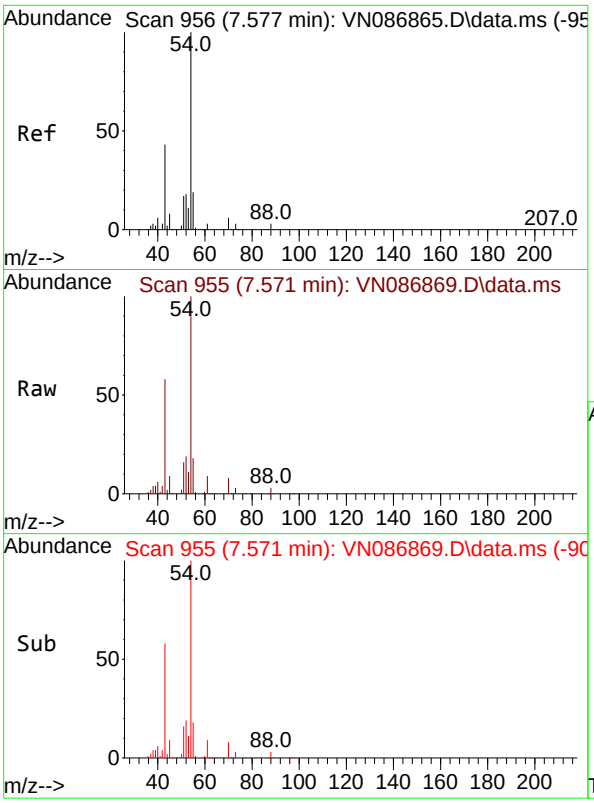


#36
1,1-Dichloropropene
Concen: 52.123 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 181414

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.6	52.9
77	31.0	25.3	37.9

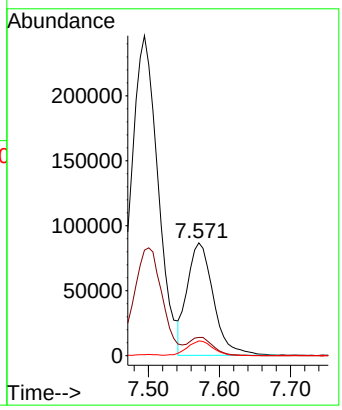




#37
Ethyl Acetate
Concen: 50.125 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 22209

Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.1	18.1
70	12.9	9.8	14.6



Instrument :
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ClientSampleId :
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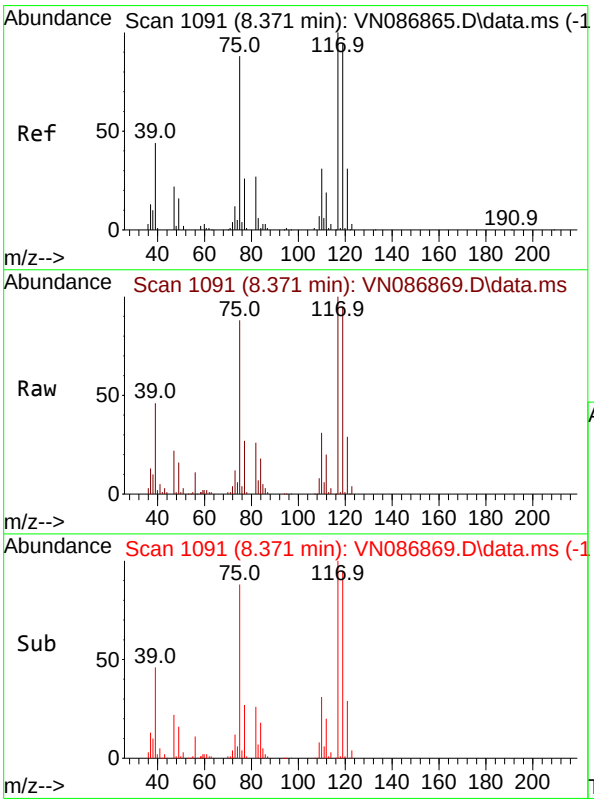
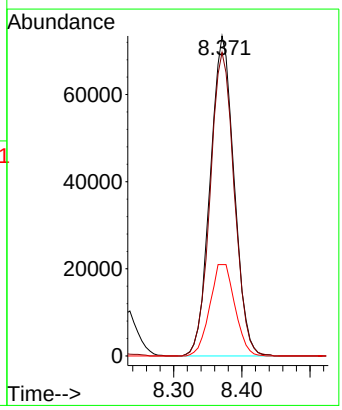
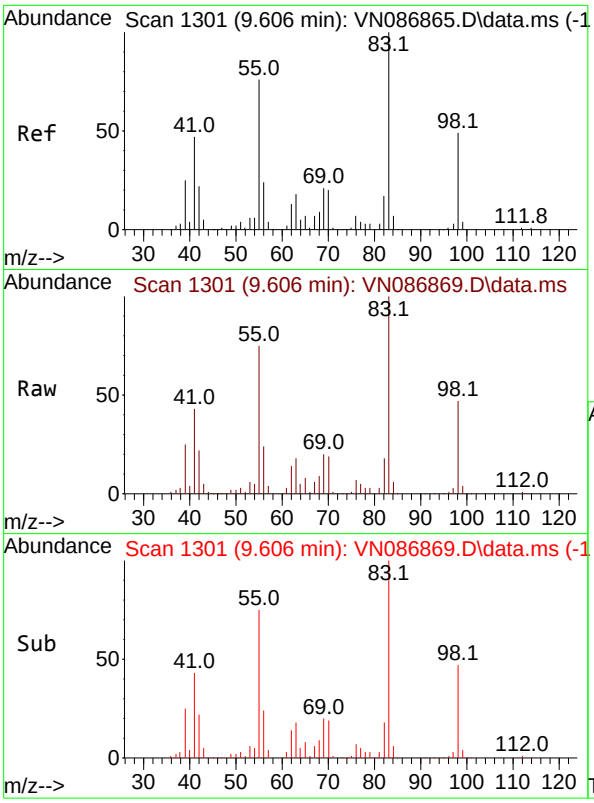


#38
Carbon Tetrachloride
Concen: 52.466 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:117 Resp: 179281

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.6
121	28.5	24.9	37.3





#39
Methylcyclohexane
Concen: 52.686 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 83 Resp: 25123

Ion	Ratio	Lower	Upper
83	100		
55	74.5	61.0	91.6
98	47.2	38.9	58.3

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

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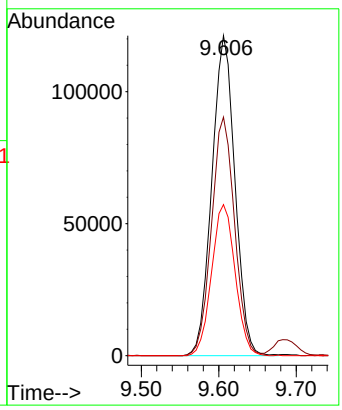
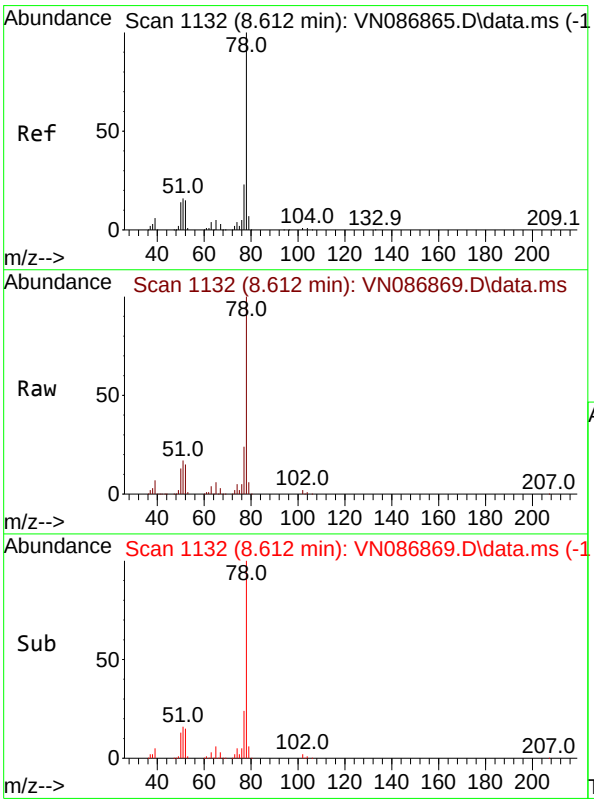
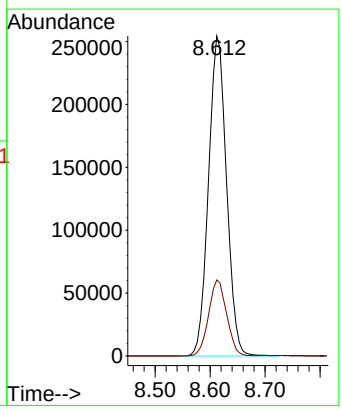


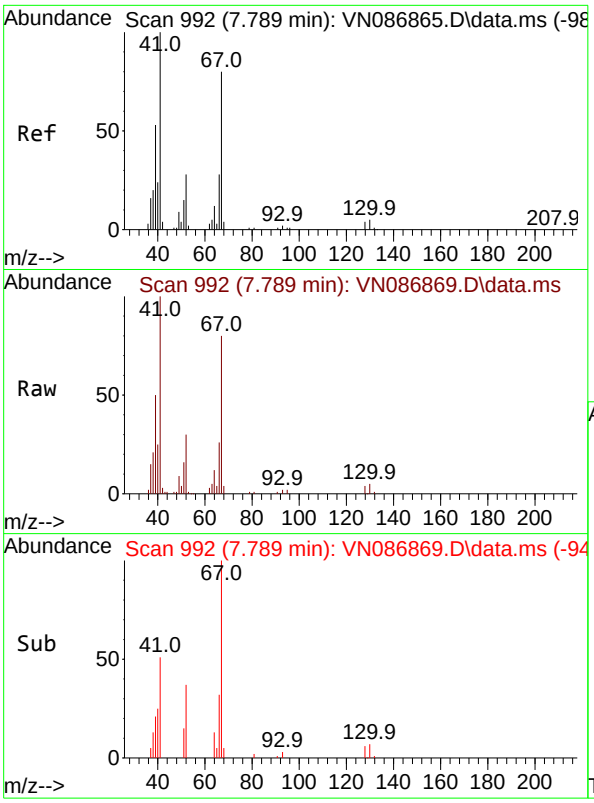


#40
Benzene
Concen: 50.931 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 78 Resp: 579667

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1

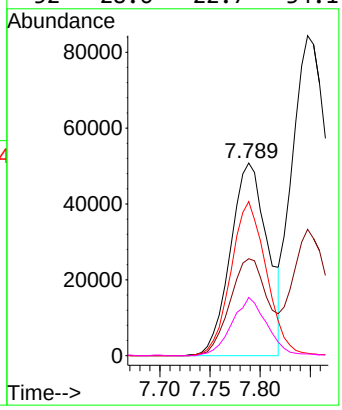




#41
Methacrylonitrile
Concen: 52.607 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 41 Resp: 13090

Ion	Ratio	Lower	Upper
41	100		
39	51.3	41.2	61.8
67	76.9	61.4	92.2
52	28.6	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
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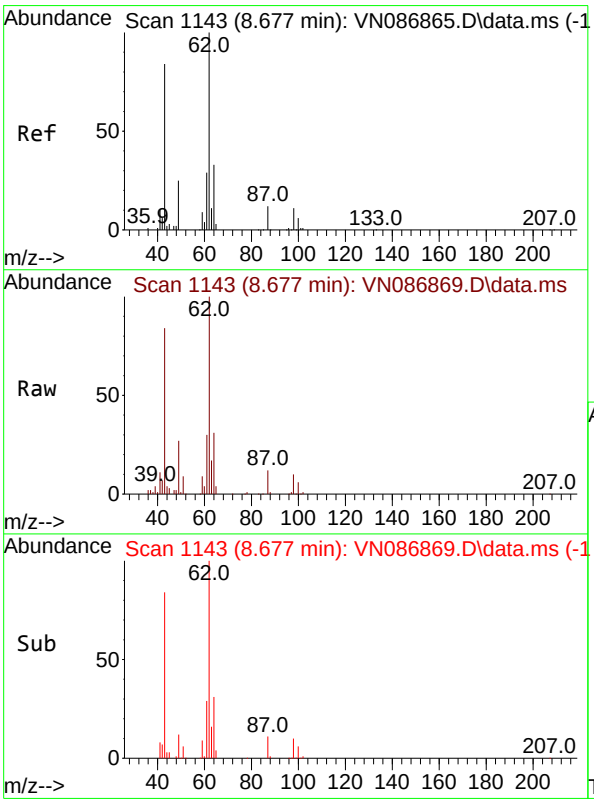
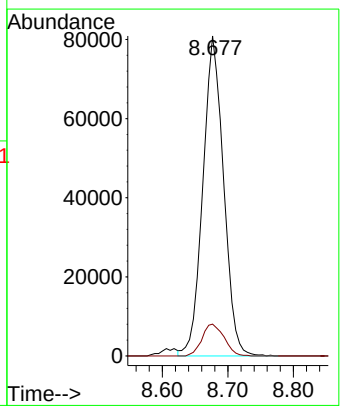
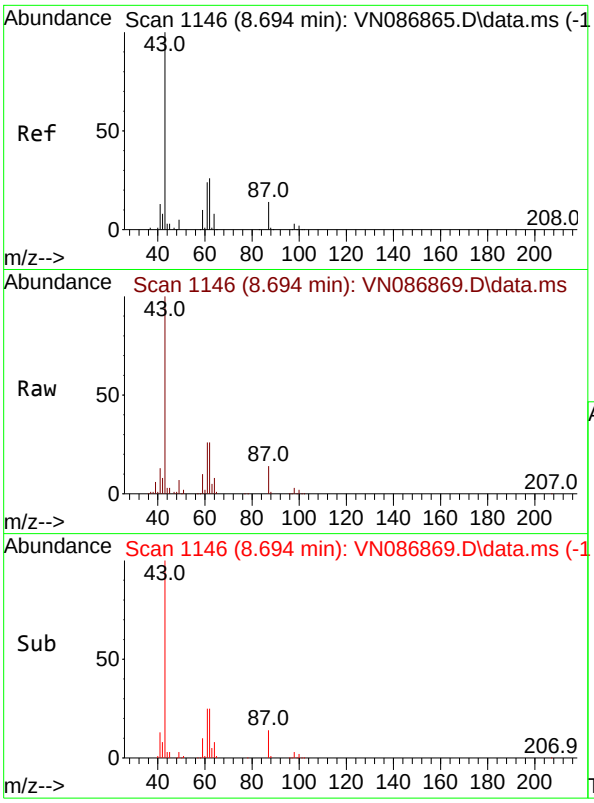


#42
1,2-Dichloroethane
Concen: 51.489 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 62 Resp: 177746

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2





#43
Isopropyl Acetate
Concen: 50.536 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 35937

Ion	Ratio	Lower	Upper
43	100		
61	27.9	22.1	33.1
87	14.8	11.8	17.6

Instrument :
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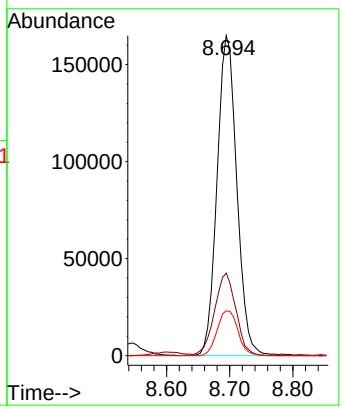
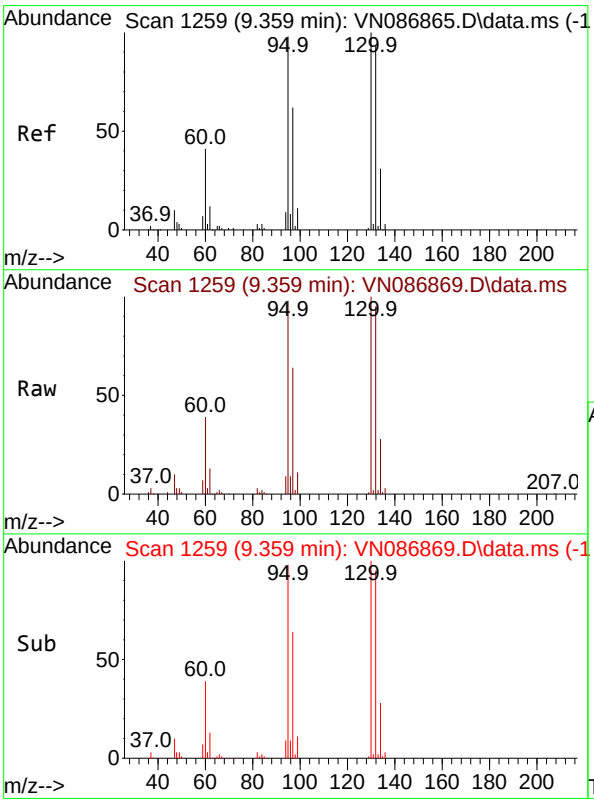
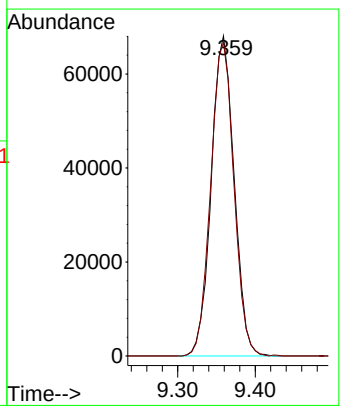


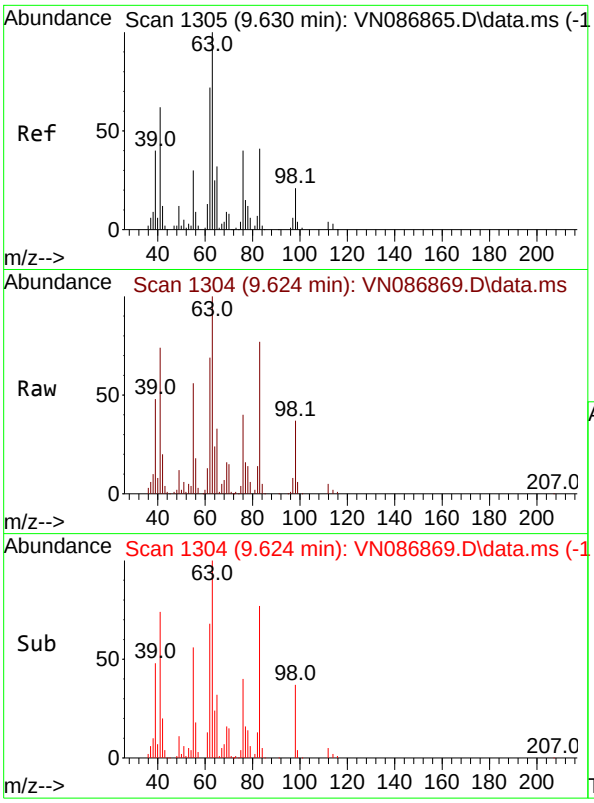


#44
Trichloroethene
Concen: 51.788 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:130 Resp: 139763

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	196.2

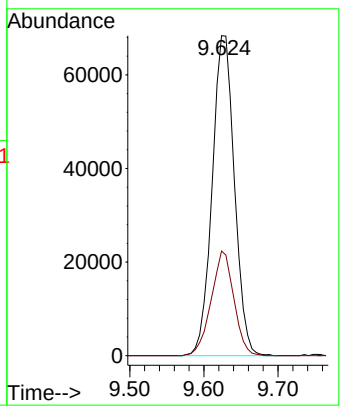




#45
1,2-Dichloropropane
Concen: 51.450 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 63 Resp: 14246

Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.5	38.3



Instrument :
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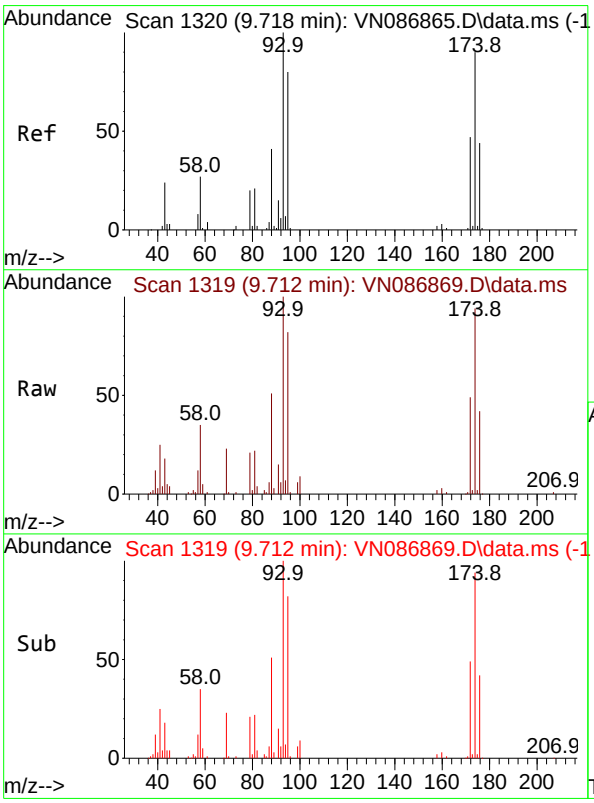
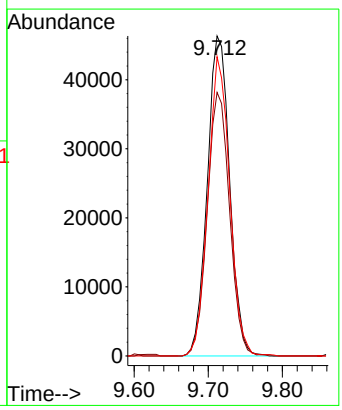
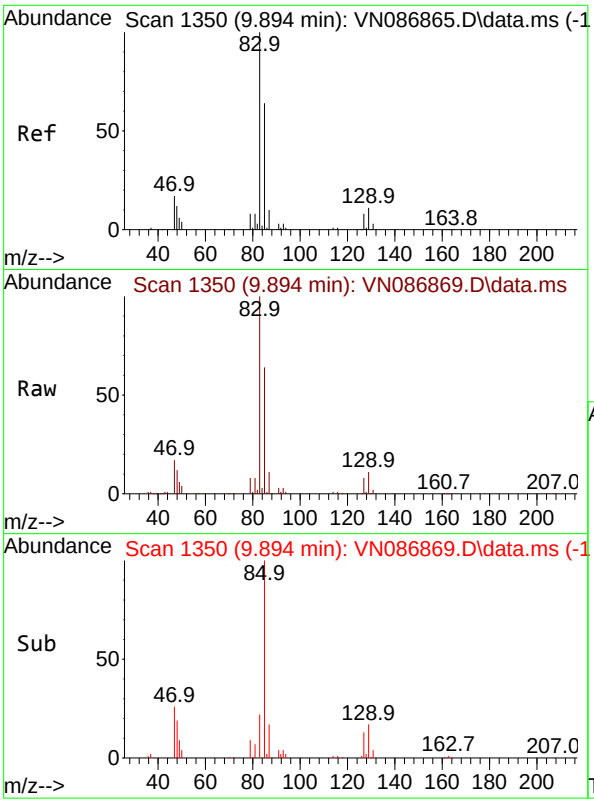


#46
Dibromomethane
Concen: 52.849 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 93 Resp: 97199

Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.1	100.7
174	90.9	74.2	111.4

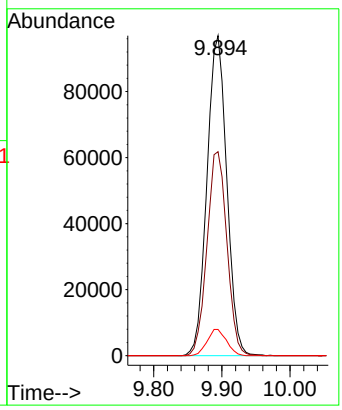




#47
Bromodichloromethane
Concen: 51.824 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 83 Resp: 19610

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.9	76.3
127	8.2	6.6	10.0



Instrument :
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ClientSampleId :
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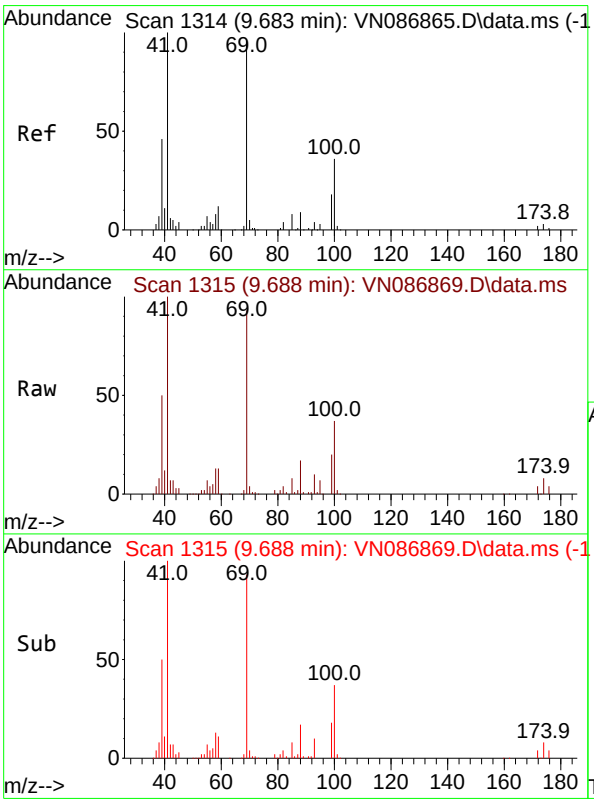
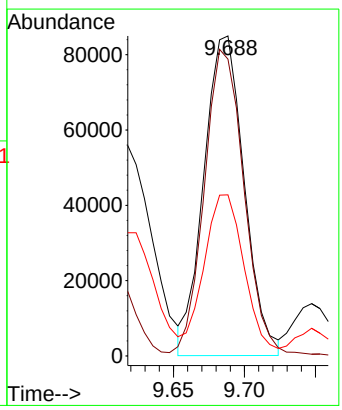
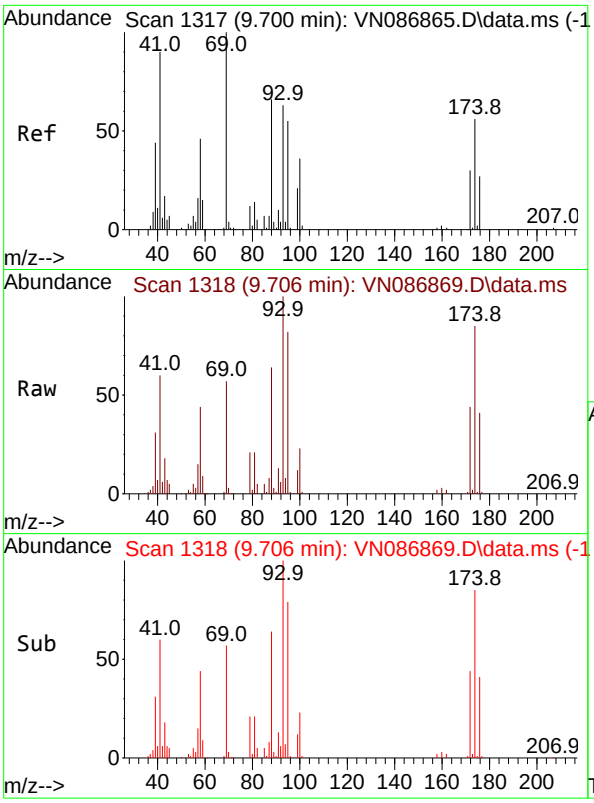


#48
Methyl methacrylate
Concen: 51.328 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 41 Resp: 168001

Ion	Ratio	Lower	Upper
41	100		
69	95.2	74.6	112.0
39	51.0	40.2	60.4

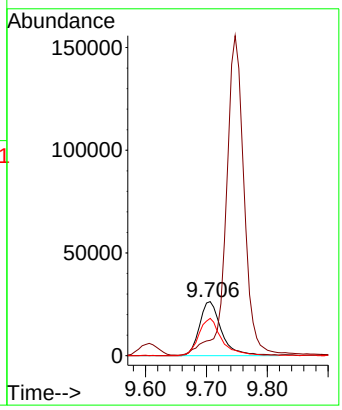




#49
1,4-Dioxane
Concen: 1110.123 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 88 Resp: 6610

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.7	57.7	86.5



Instrument :
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ClientSampleId :
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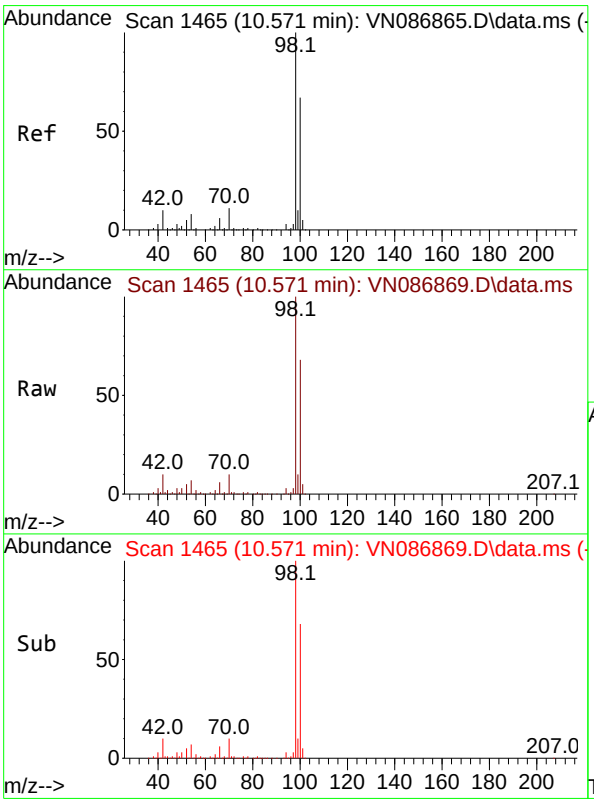
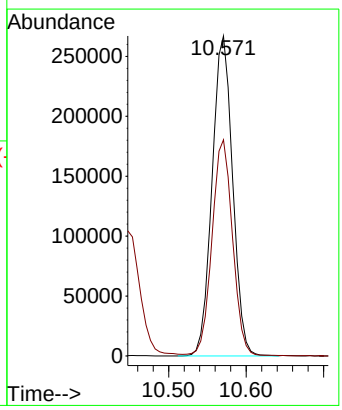
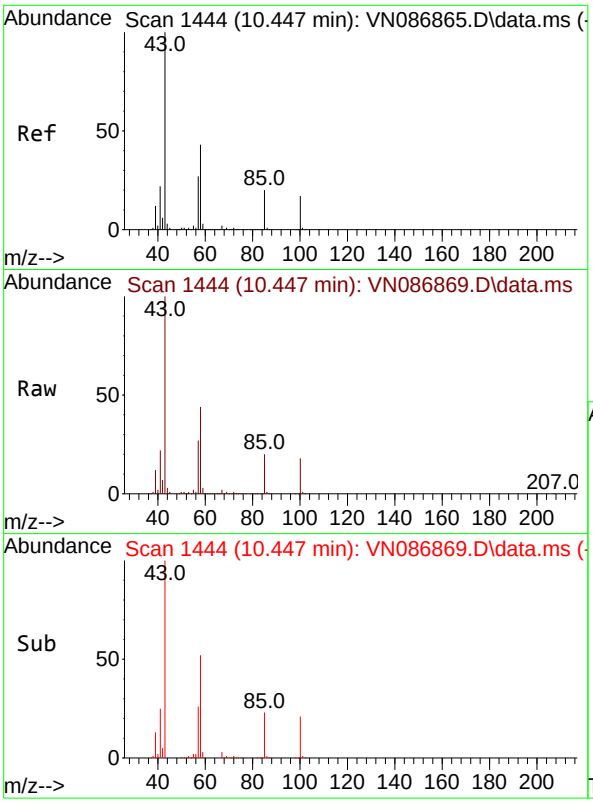


#50
Toluene-d8
Concen: 53.129 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 98 Resp: 491265

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.4	80.0

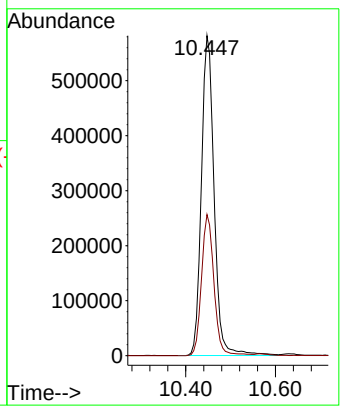




#51
4-Methyl-2-Pentanone
Concen: 267.835 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 114662

Ion	Ratio	Lower	Upper
43	100		
58	43.2	34.2	51.4



Instrument :
MSVOA_N
ClientSampleId :
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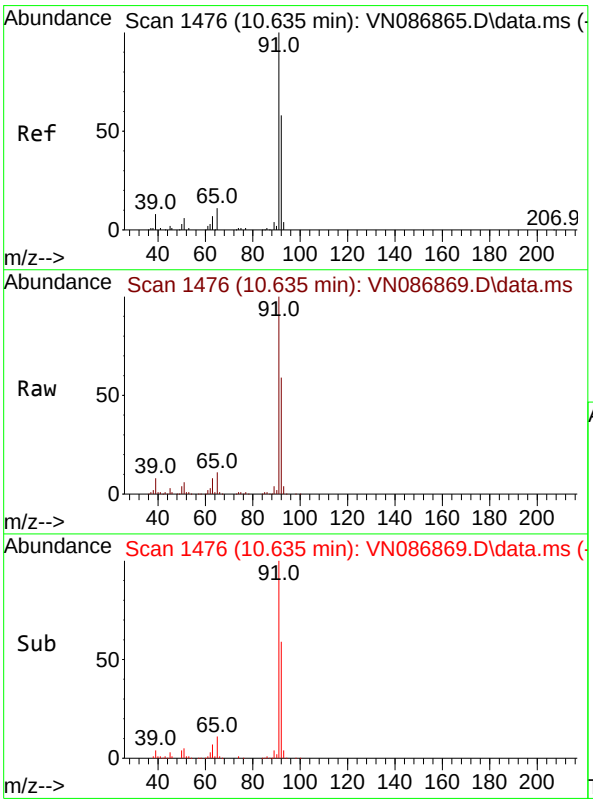
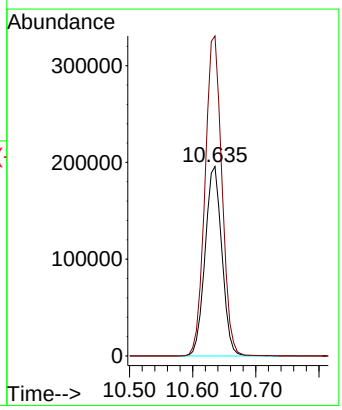
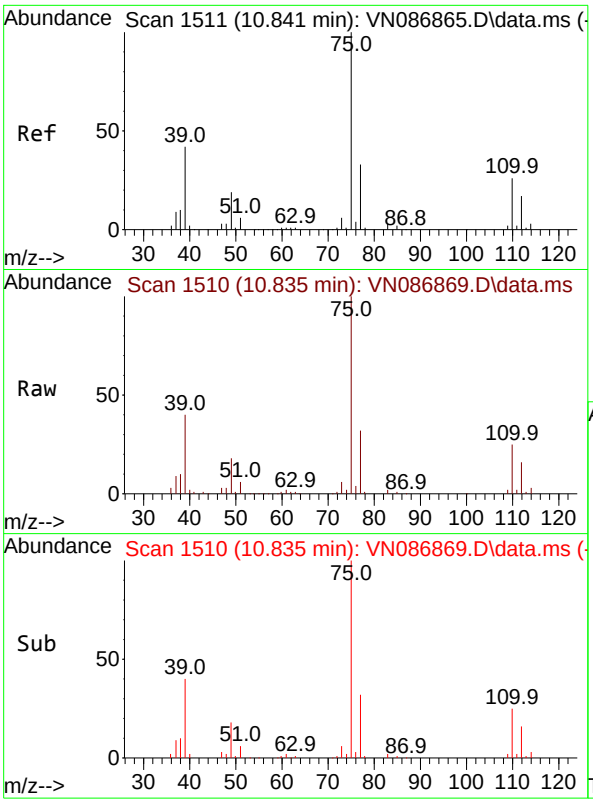


#52
Toluene
Concen: 52.040 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 92 Resp: 361963

Ion	Ratio	Lower	Upper
92	100		
91	169.8	136.5	204.7

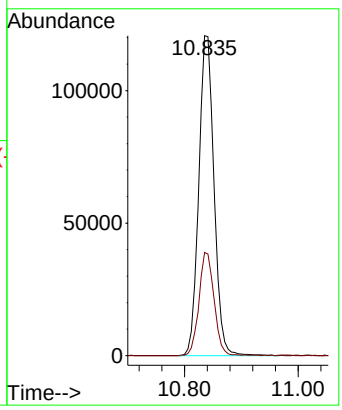




#53
t-1,3-Dichloropropene
Concen: 53.137 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 22483

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.4	39.6



Instrument :
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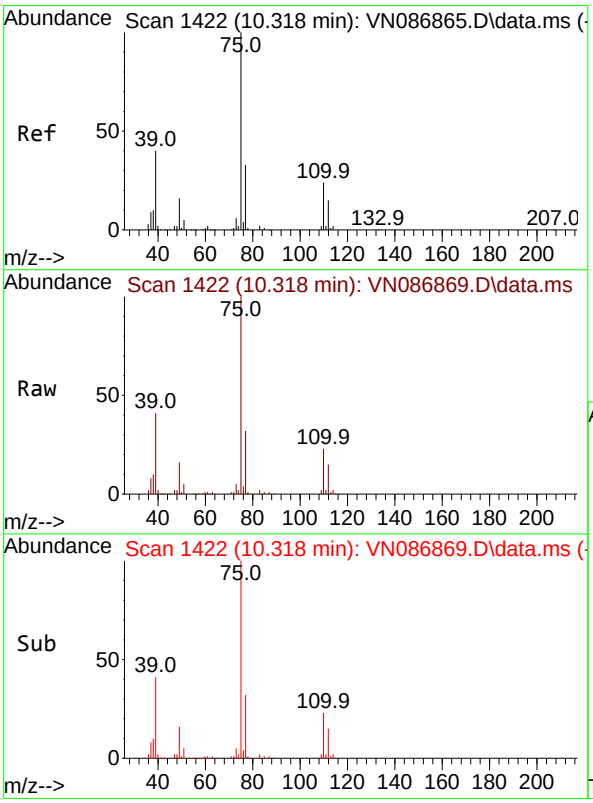
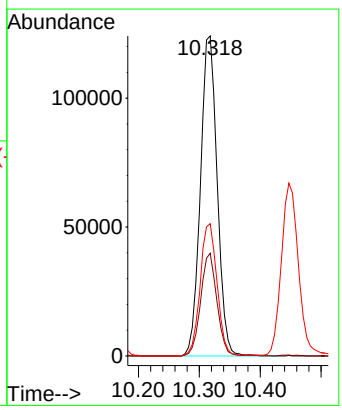
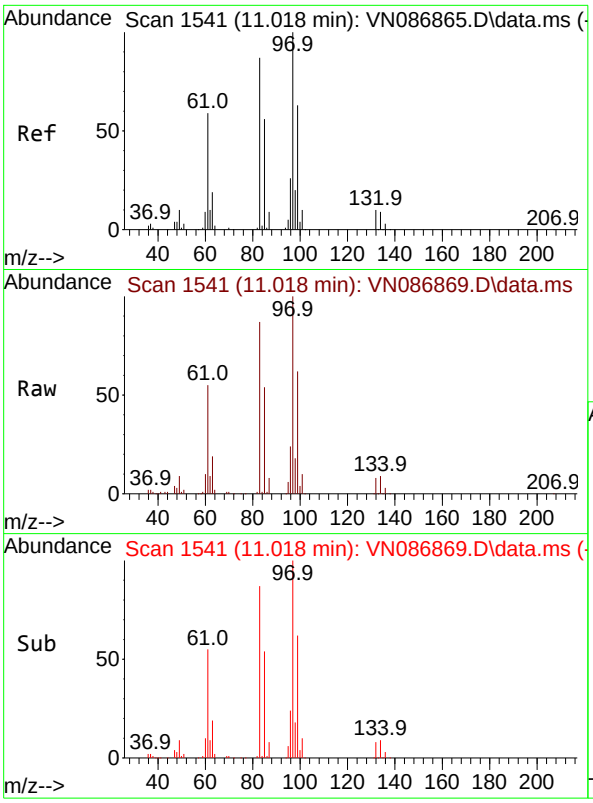


#54
cis-1,3-Dichloropropene
Concen: 52.519 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 237774

Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.2	39.4
39	41.3	32.3	48.5

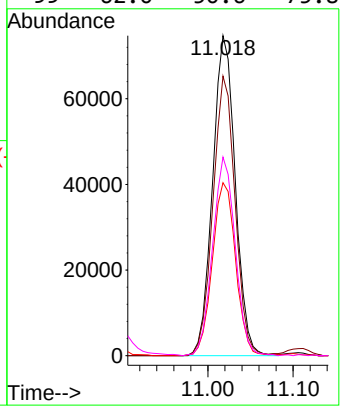




#55
1,1,2-Trichloroethane
Concen: 51.562 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 97 Resp: 13799

Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.7	104.5
85	54.1	45.1	67.7
99	62.0	50.6	75.8



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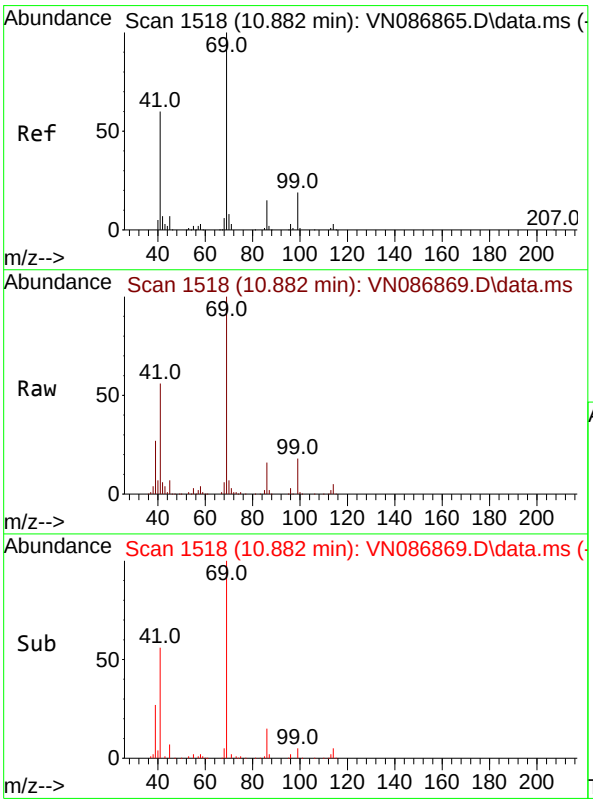
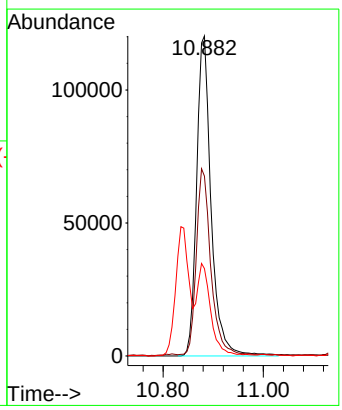
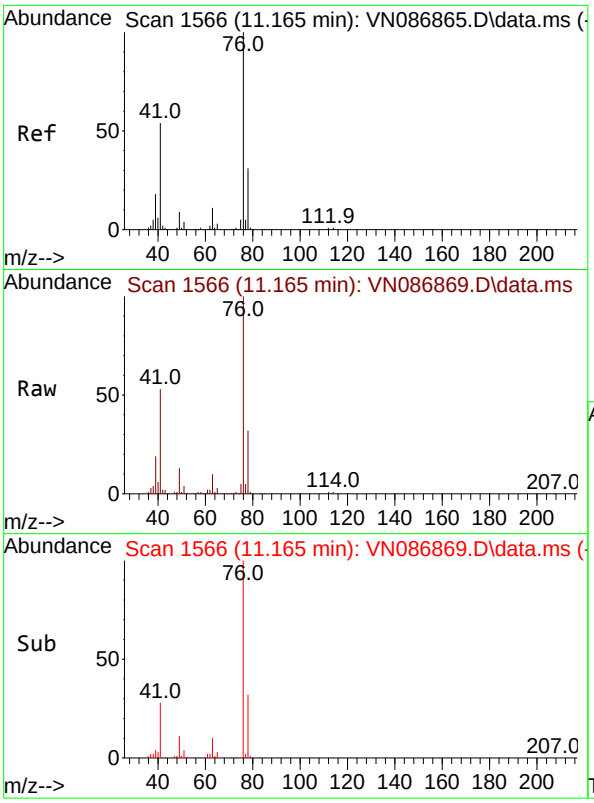


#56
Ethyl methacrylate
Concen: 56.688 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 69 Resp: 241649

Ion	Ratio	Lower	Upper
69	100		
41	57.7	47.2	70.8
39	27.4	23.0	34.6

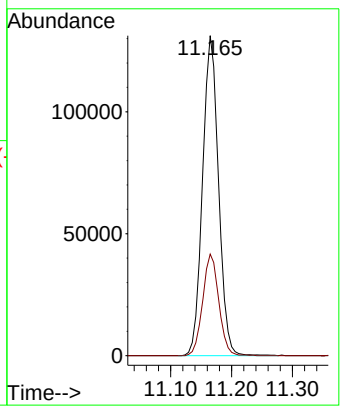




#57
1,3-Dichloropropane
Concen: 51.386 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 76 Resp: 23857

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.3	37.9



Instrument :
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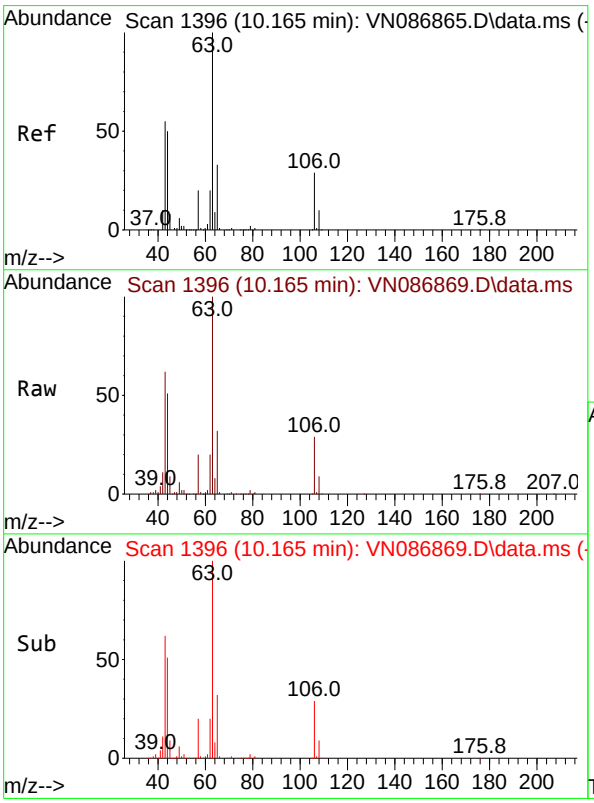
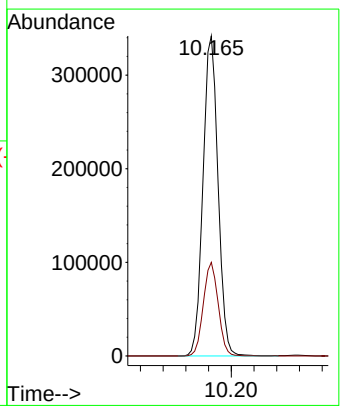
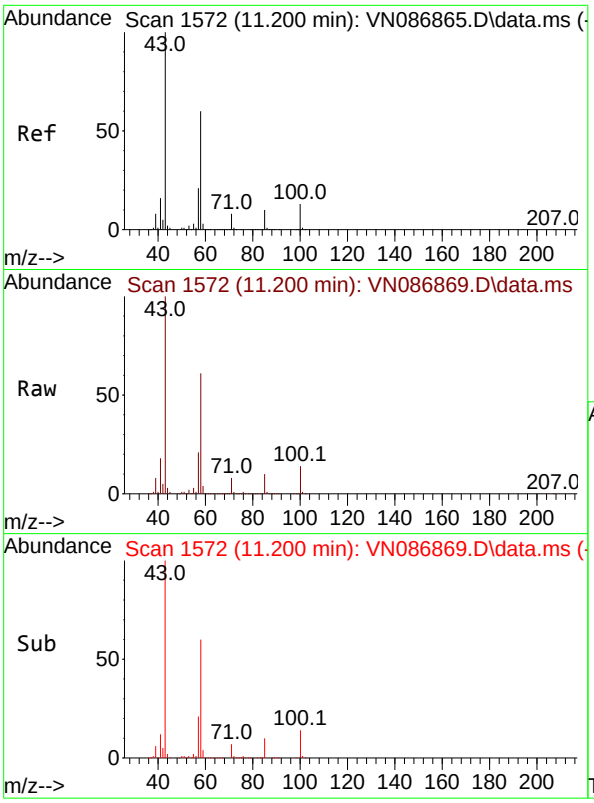


#58
2-Chloroethyl Vinyl ether
Concen: 246.006 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 63 Resp: 625479

Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.0	34.6

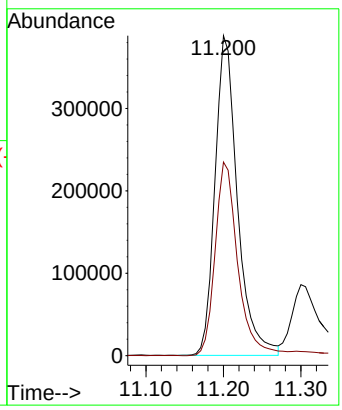




#59
2-Hexanone
Concen: 283.478 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 78171

Ion	Ratio	Lower	Upper
43	100		
58	61.2	30.4	91.3



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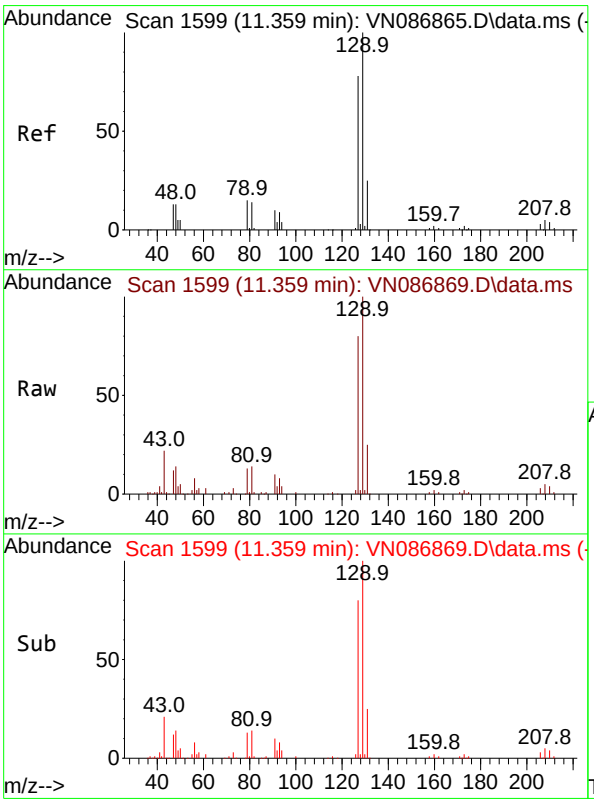
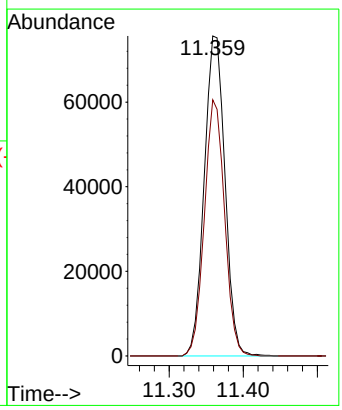
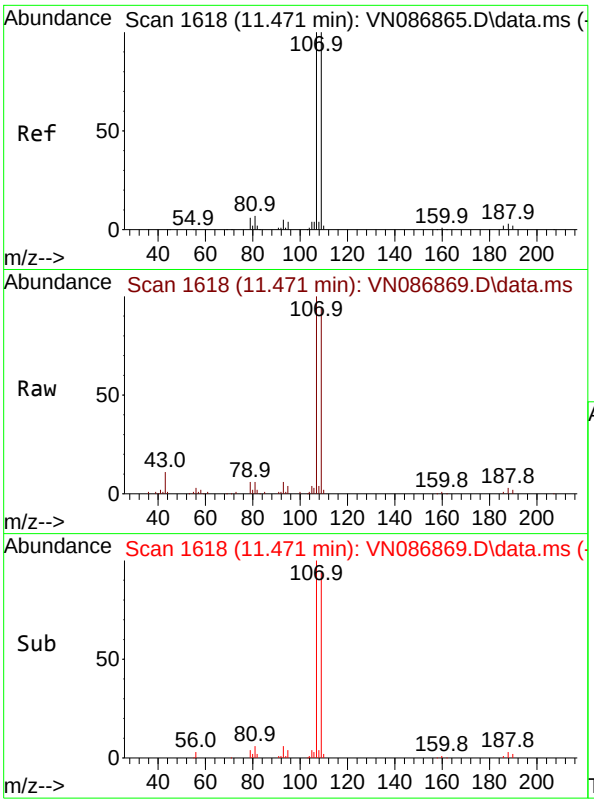


#60
Dibromochloromethane
Concen: 52.627 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:129 Resp: 146749

Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.6	115.8

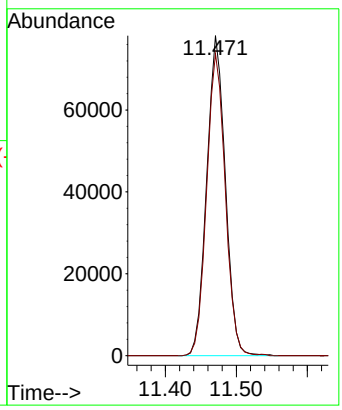




#61
1,2-Dibromoethane
Concen: 51.887 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:107 Resp: 14233

Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.3	114.5



Instrument :
MSVOA_N
ClientSampleId :
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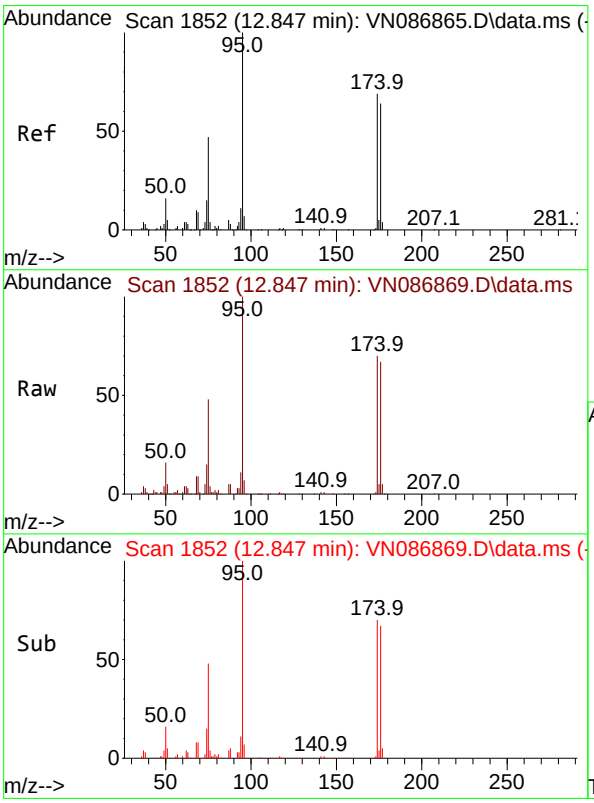
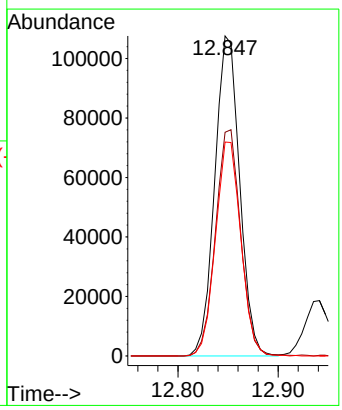
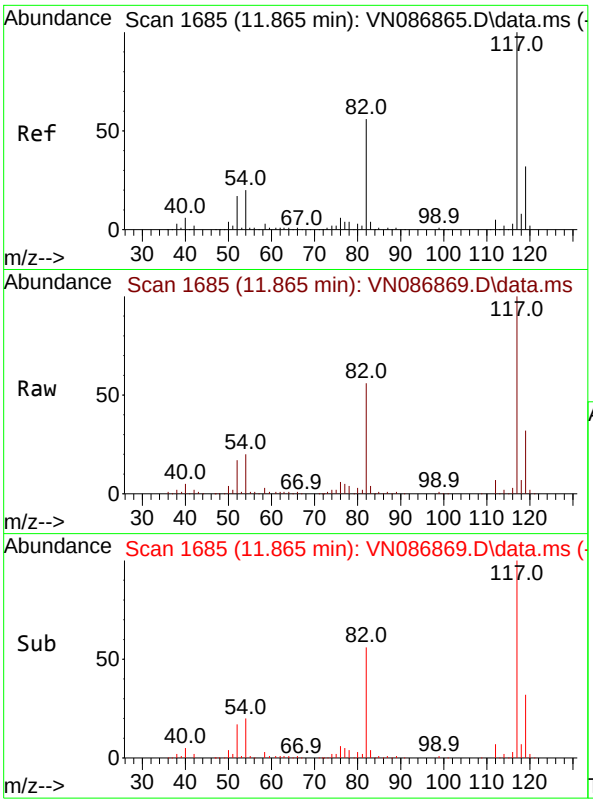


#62
4-Bromofluorobenzene
Concen: 54.081 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 95 Resp: 185792

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	141.8
176	68.1	0.0	132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:117 Resp: 34893

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.6	67.0
119	32.5	25.5	38.3

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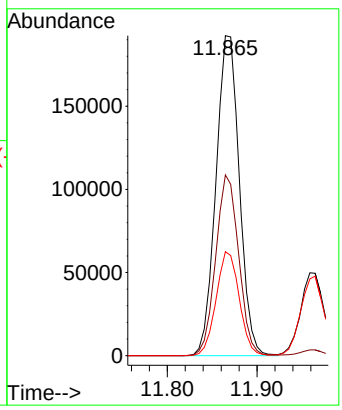
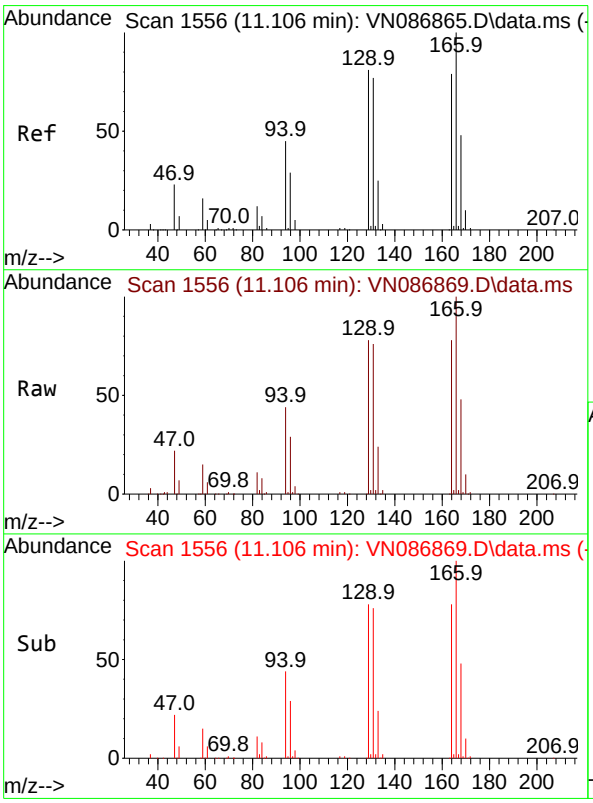
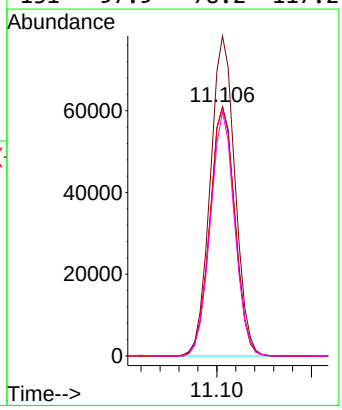


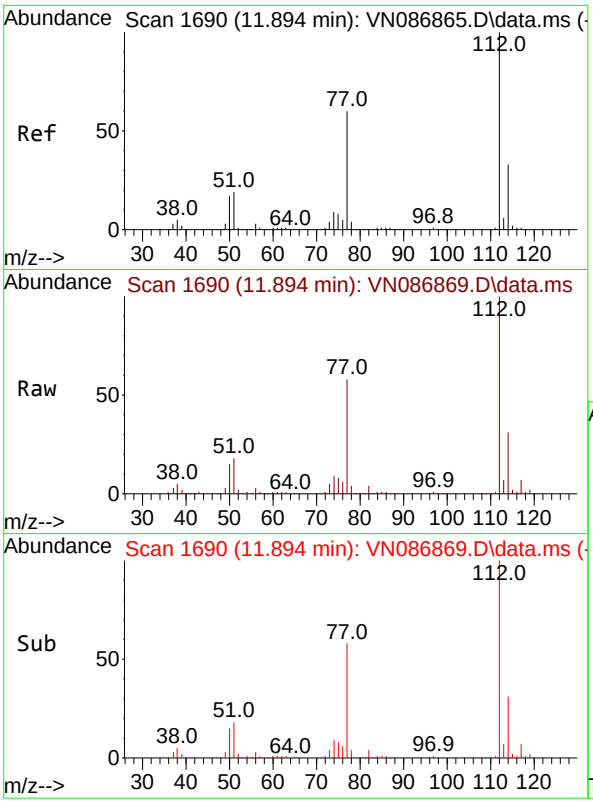


#64
Tetrachloroethene
Concen: 50.450 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:164 Resp: 111409

Ion	Ratio	Lower	Upper
164	100		
166	128.5	101.8	152.8
129	99.9	83.0	124.4
131	97.9	78.2	117.2

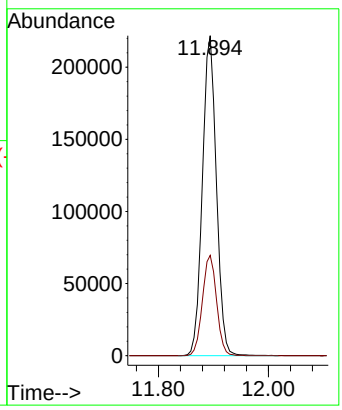




#65
Chlorobenzene
Concen: 50.892 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:112 Resp: 39166

Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.2	39.2



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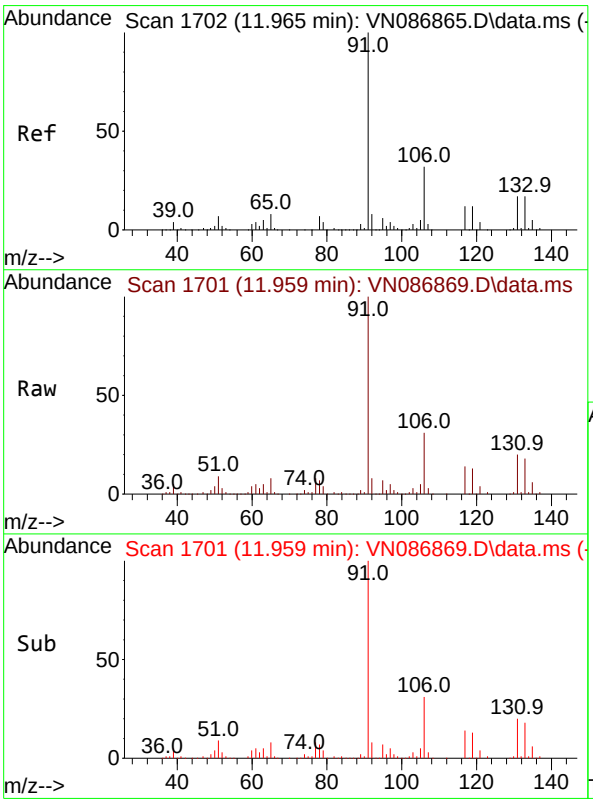
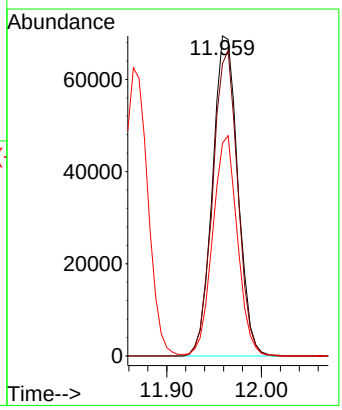
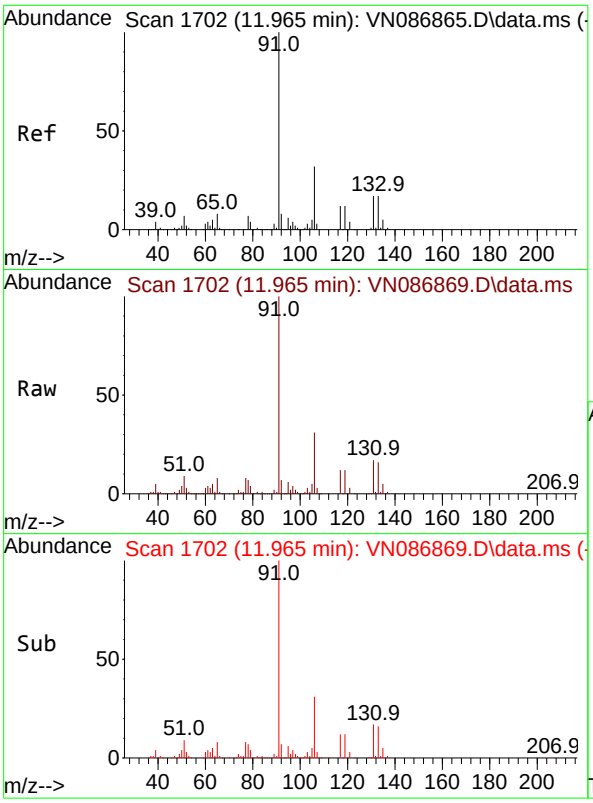


#66
1,1,1,2-Tetrachloroethane
Concen: 52.164 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:131 Resp: 129045

Ion	Ratio	Lower	Upper
131	100		
133	94.5	48.3	144.8
119	67.4	34.0	101.8

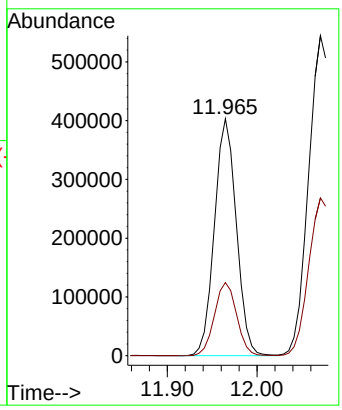




#67
Ethyl Benzene
Concen: 51.590 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 91 Resp: 68387

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.4	38.2



Instrument :
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ClientSampleId :
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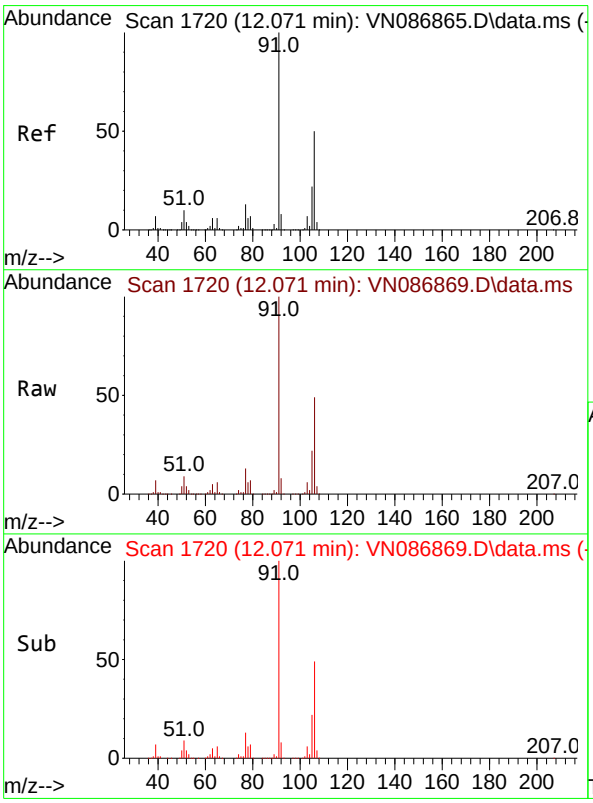
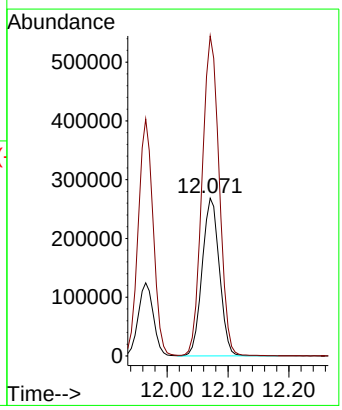
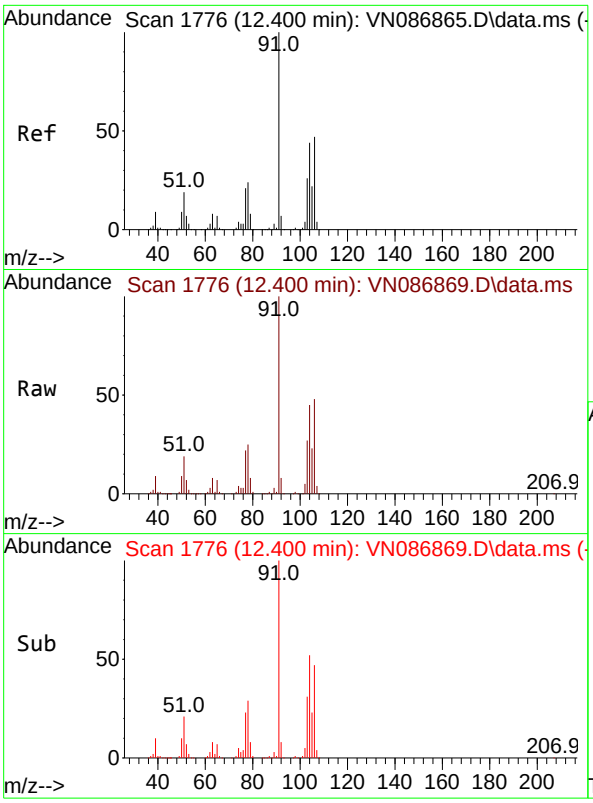


#68
m/p-Xylenes
Concen: 103.912 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:106 Resp: 527293

Ion	Ratio	Lower	Upper
106	100		
91	202.0	159.4	239.0





#69
o-Xylene
Concen: 52.387 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:106 Resp: 25460

Ion	Ratio	Lower	Upper
106	100		
91	212.8	106.1	318.1

Instrument :
MSVOA_N
ClientSampleId :
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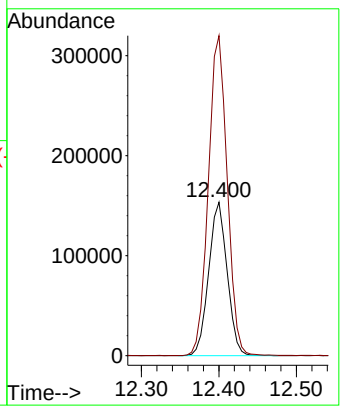
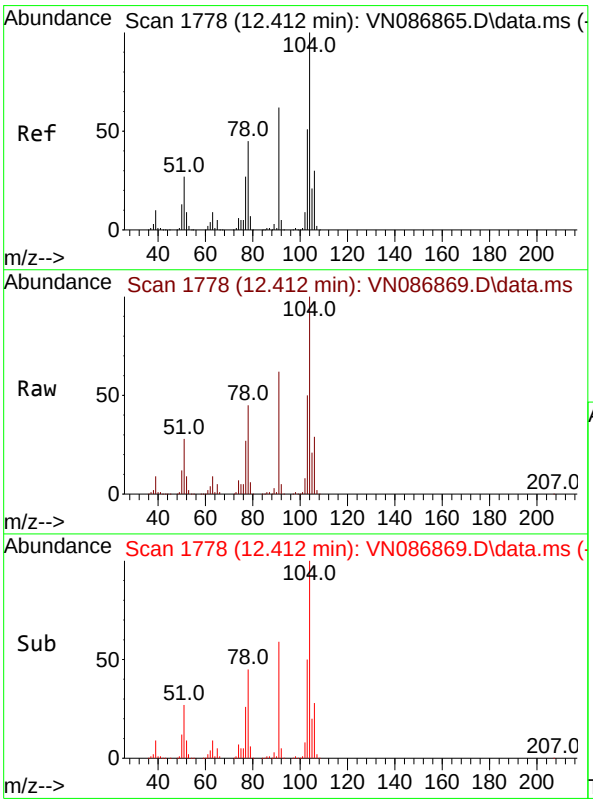
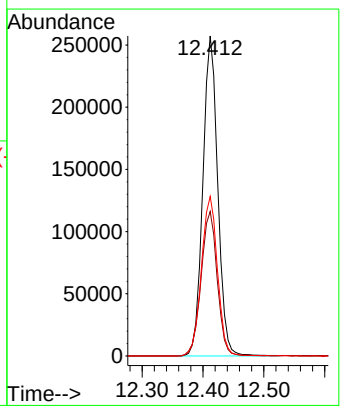


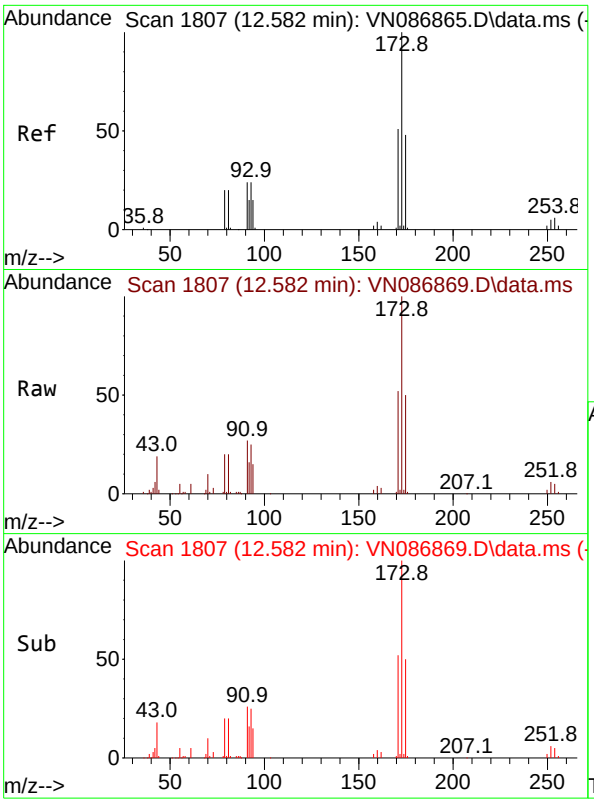


#70
Styrene
Concen: 52.758 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:104 Resp: 438751

Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.5	57.7
103	53.7	43.1	64.7

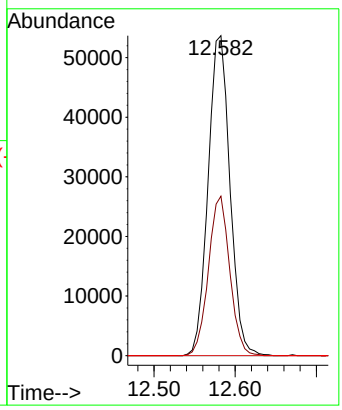




#71
Bromoform
Concen: 54.751 ug/l
RT: 12.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:173 Resp: 10035

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.4
254	0.0	0.0	0.0



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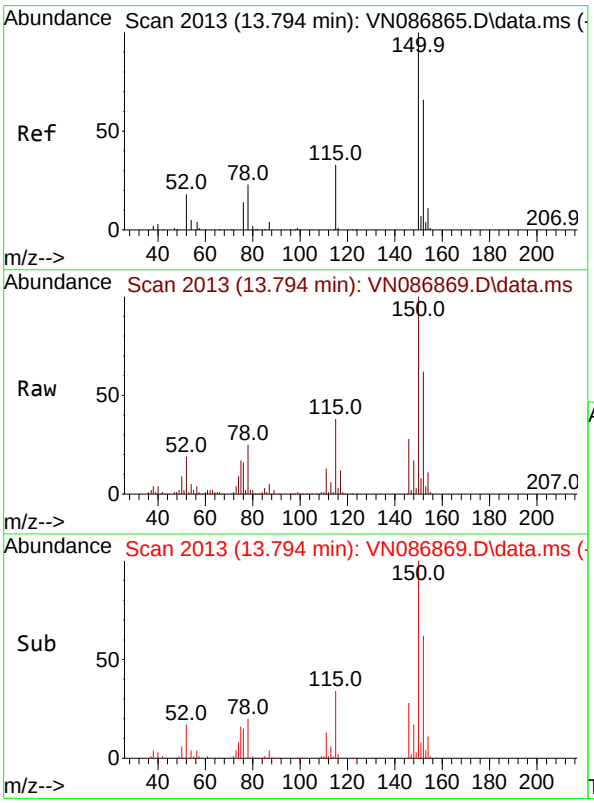
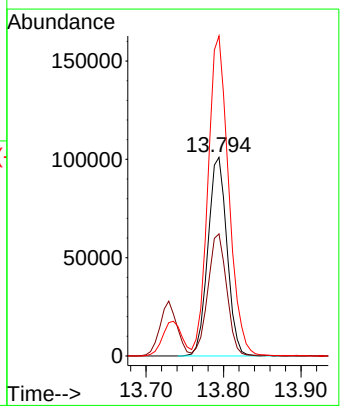
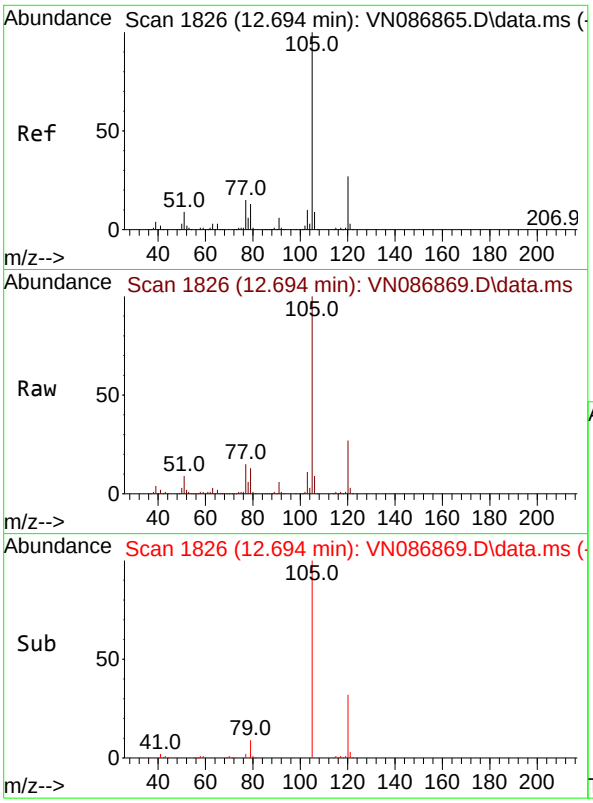


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:152 Resp: 172710

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.1	90.5
150	174.0	0.0	345.0

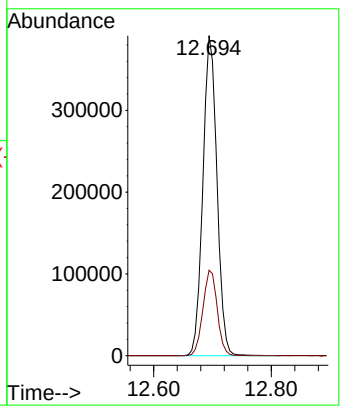




#73
Isopropylbenzene
Concen: 51.823 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:105 Resp: 65204

Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.4



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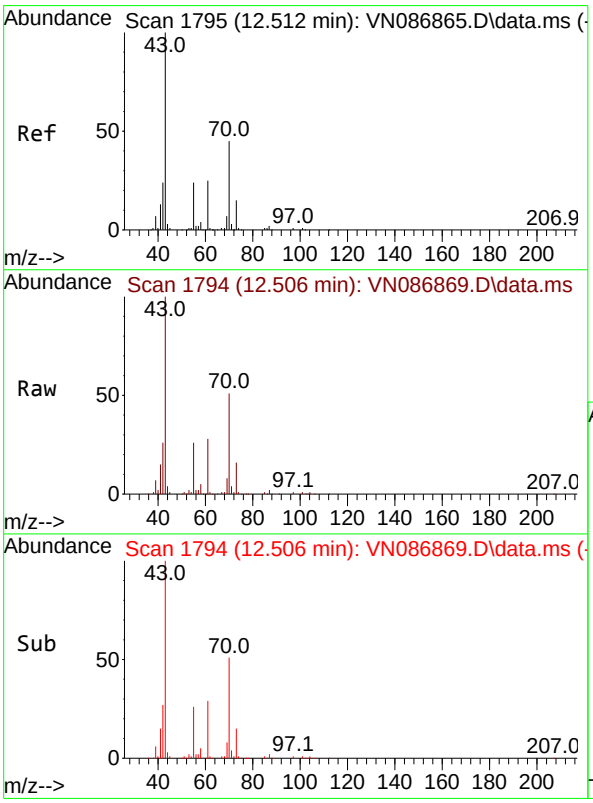
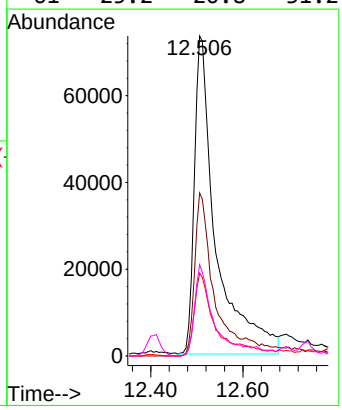
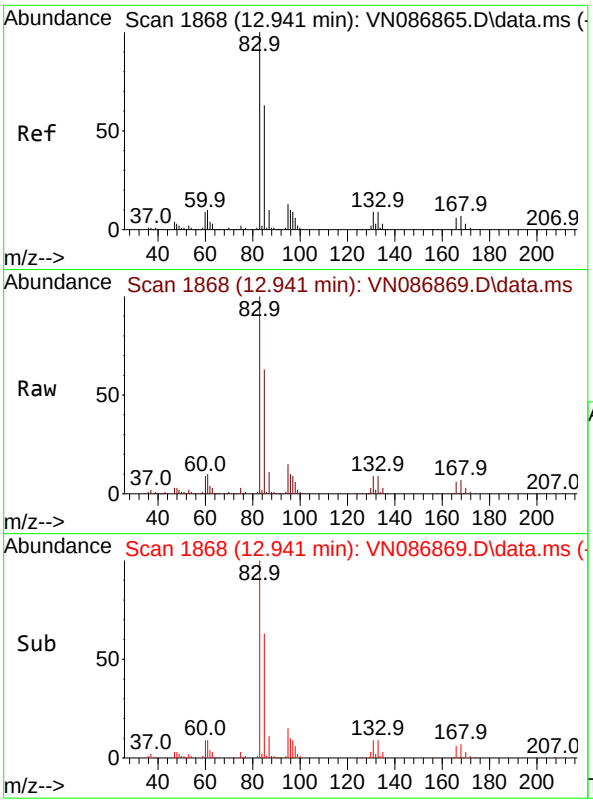


#74
N-amyl acetate
Concen: 54.212 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 238355

Ion	Ratio	Lower	Upper
43	100		
70	49.3	37.6	56.4
55	25.3	19.0	28.6
61	25.2	20.8	31.2

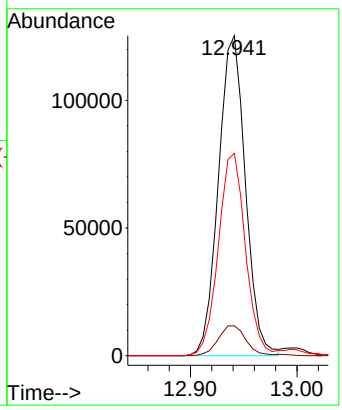




#75
1,1,2,2-Tetrachloroethane
Concen: 51.763 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 83 Resp: 22064

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	63.9	32.0	96.0



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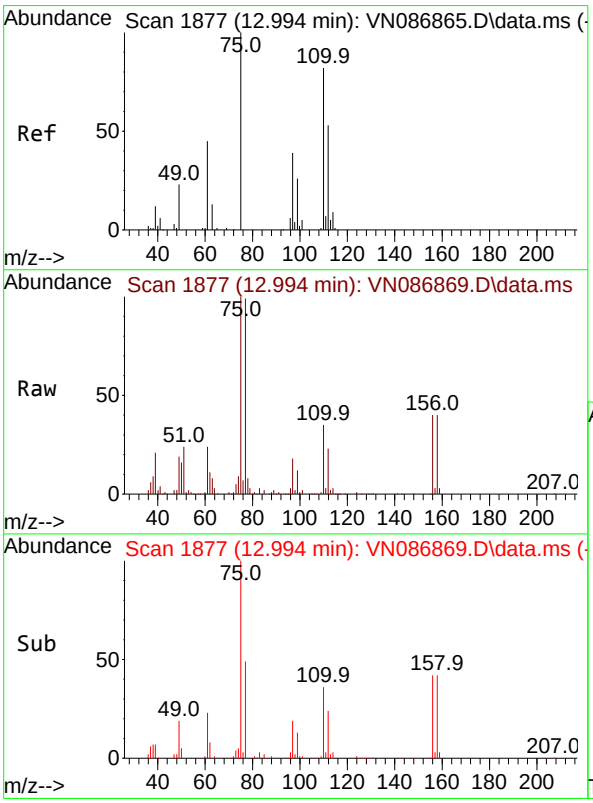
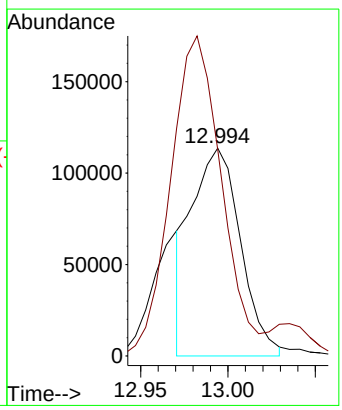
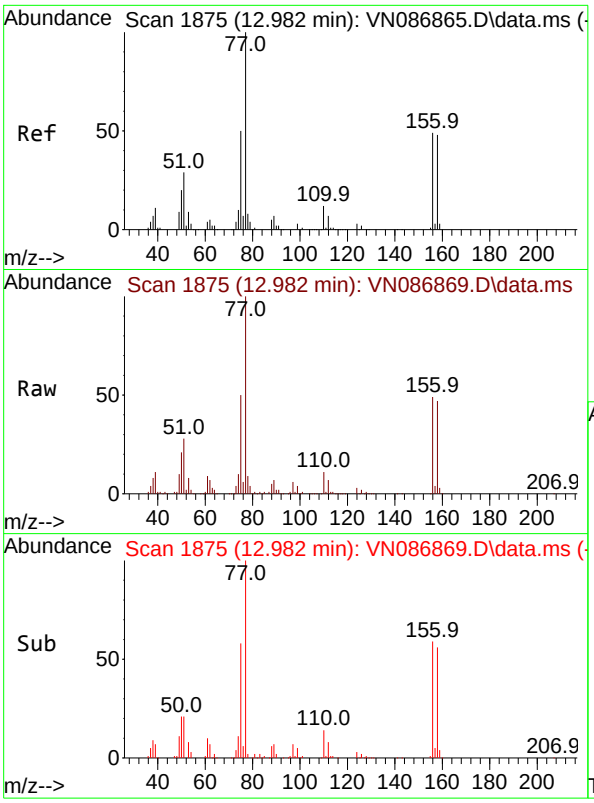


#76
1,2,3-Trichloropropane
Concen: 53.821 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 220957

Ion	Ratio	Lower	Upper
75	100		
77	160.5	79.3	237.9

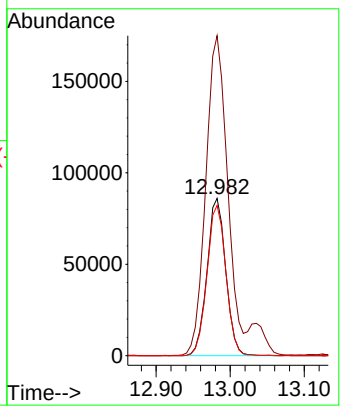




#77
Bromobenzene
Concen: 52.313 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:156 Resp: 15095

Ion	Ratio	Lower	Upper
156	100		
77	234.9	117.7	353.1
158	96.5	48.1	144.4



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ClientSampleId :
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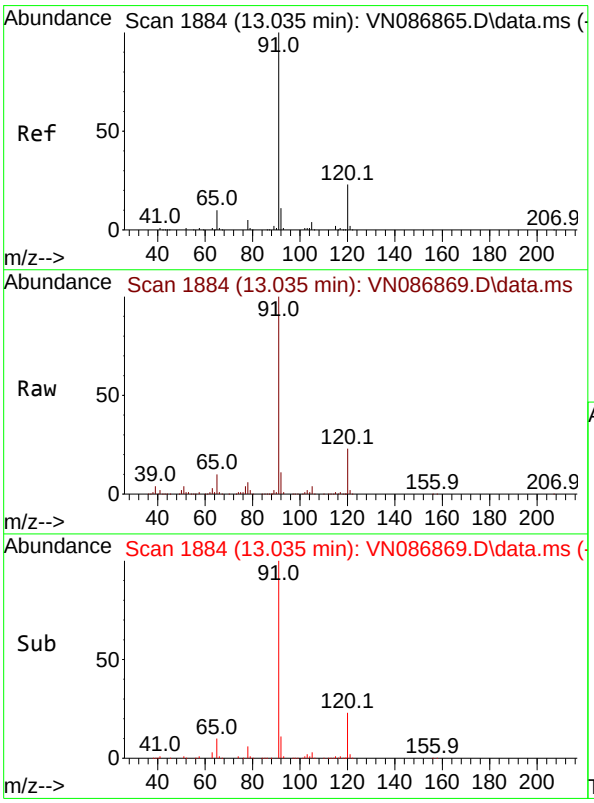
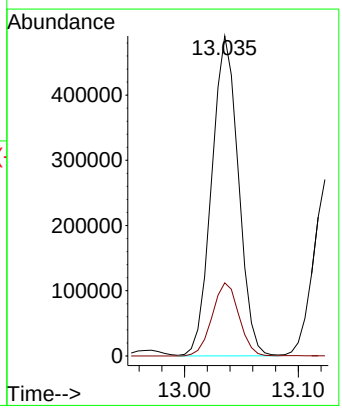
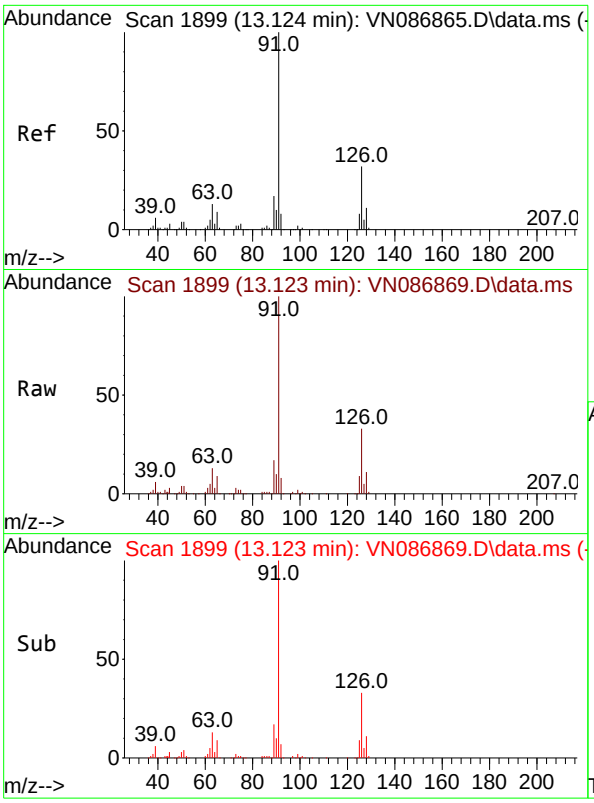


#78
n-propylbenzene
Concen: 52.397 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 91 Resp: 801180

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2

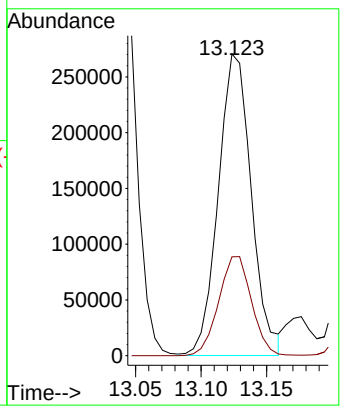




#79
2-Chlorotoluene
Concen: 51.650 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 91 Resp: 47362

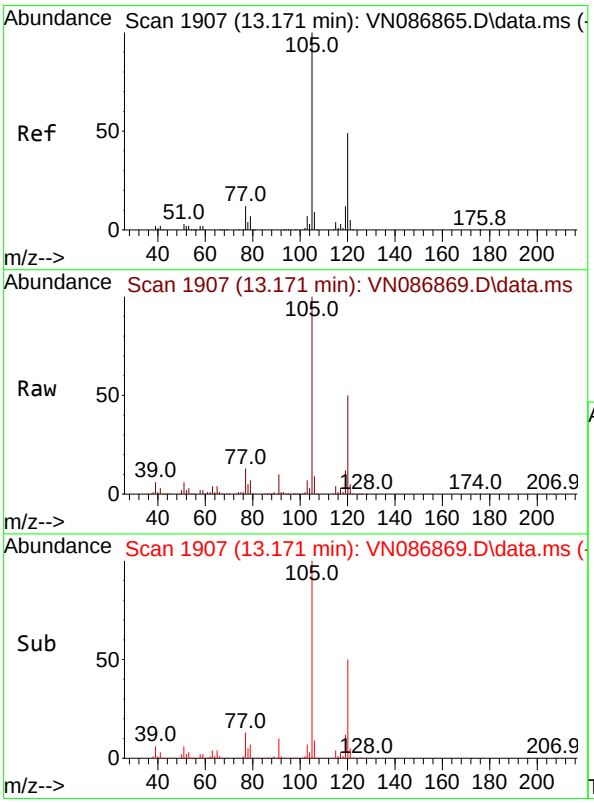
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.5



Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

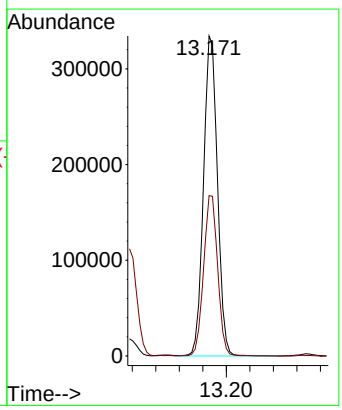
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

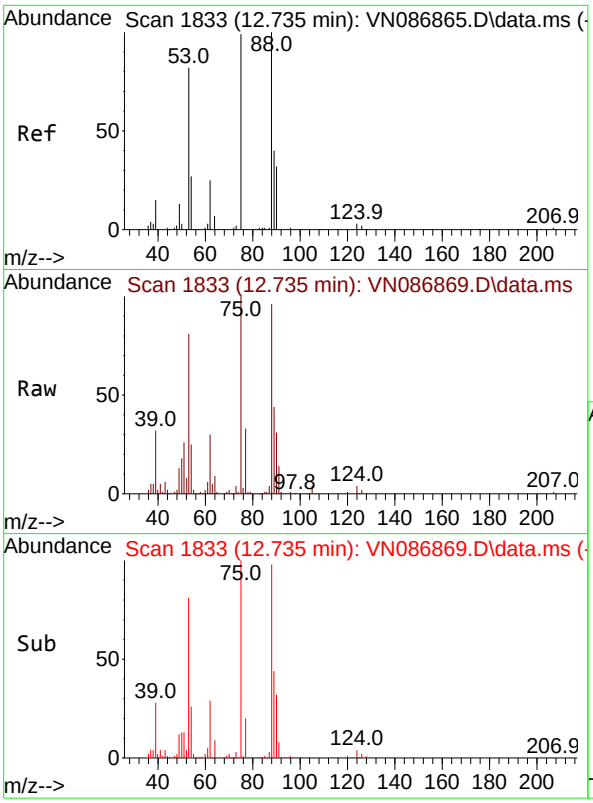


#80
1,3,5-Trimethylbenzene
Concen: 52.787 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:105 Resp: 548347

Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.9	74.6

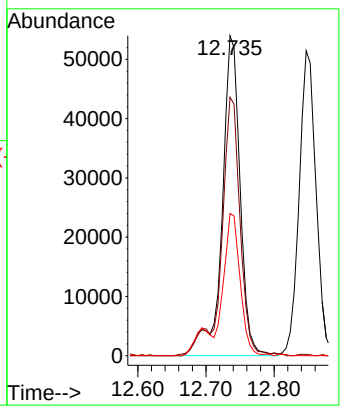




#81
trans-1,4-Dichloro-2-butene
Concen: 55.702 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 9934

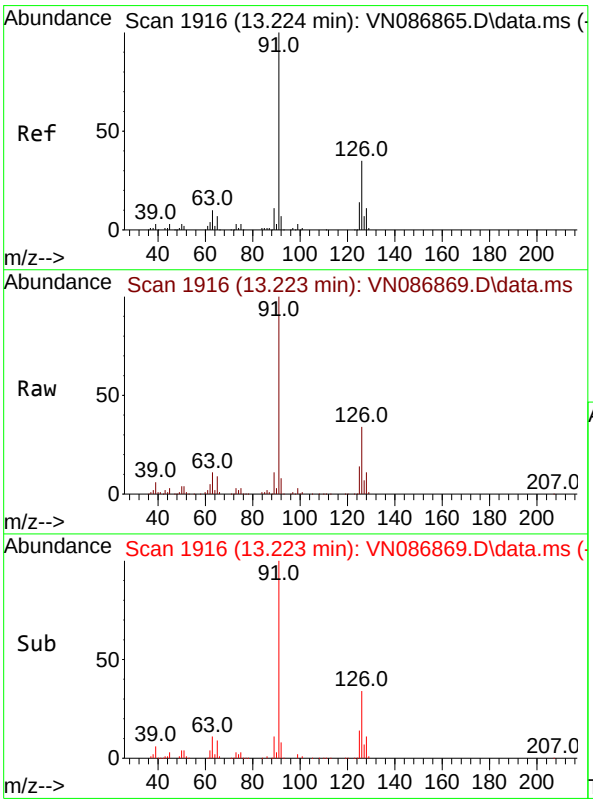
Ion	Ratio	Lower	Upper
75	100		
53	83.7	66.6	99.8
89	40.4	36.7	55.1



Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

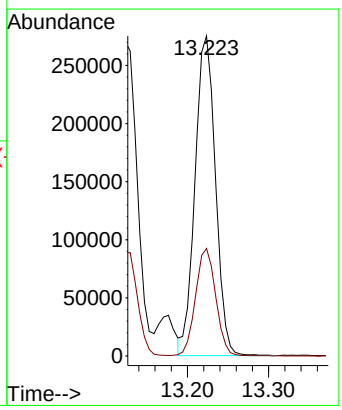
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

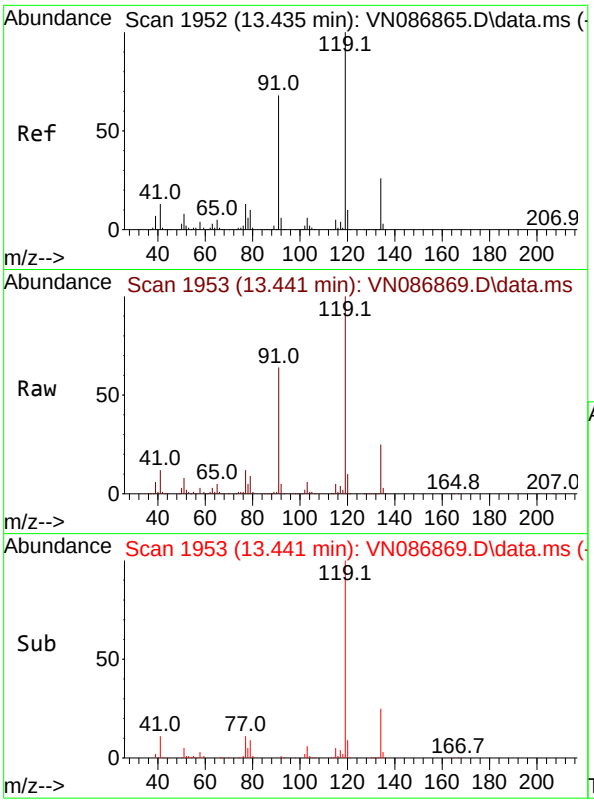


#82
4-Chlorotoluene
Concen: 51.884 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 91 Resp: 481403

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.7	50.1





#83
tert-Butylbenzene
Concen: 52.532 ug/l
RT: 13.441 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:119 Resp: 49951

Ion	Ratio	Lower	Upper
119	100		
91	63.9	32.1	96.5
134	26.4	13.4	40.1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

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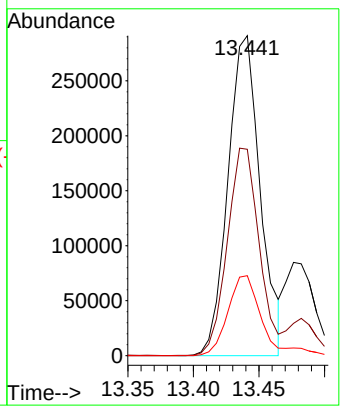
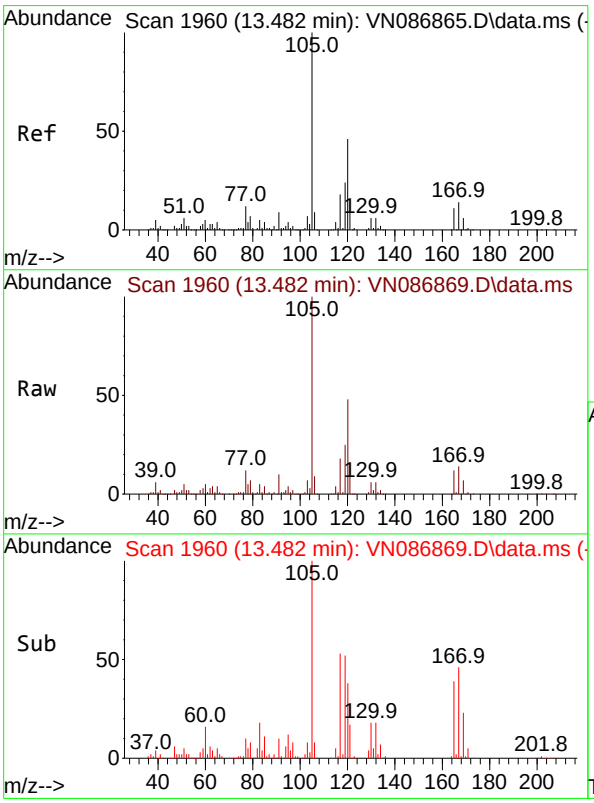
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

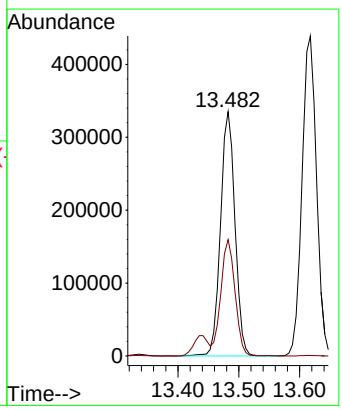


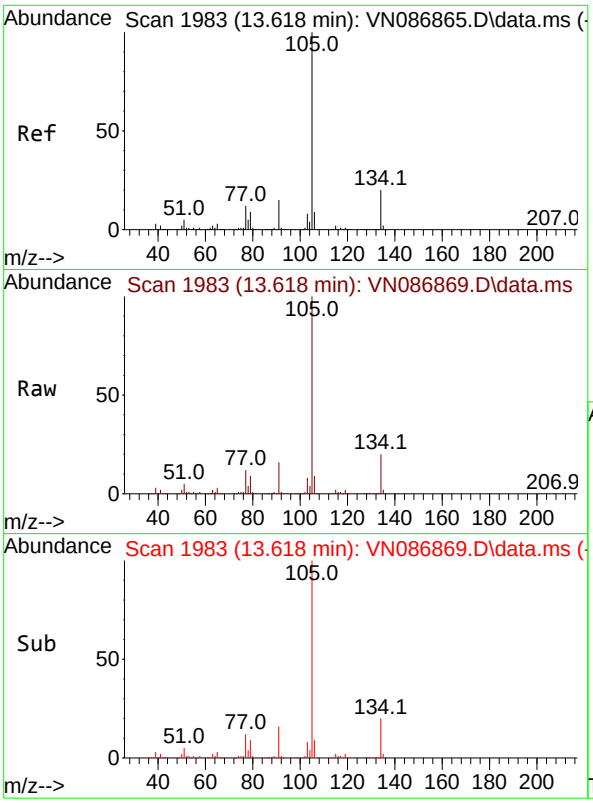


#84
1,2,4-Trimethylbenzene
Concen: 53.024 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:105 Resp: 552333

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.2	69.6

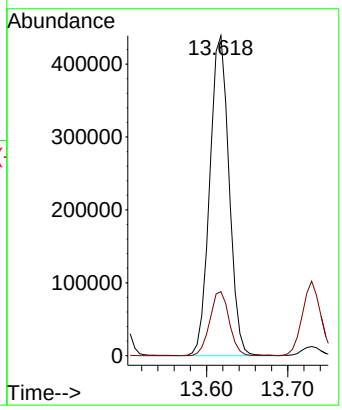




#85
sec-Butylbenzene
Concen: 52.428 ug/l
RT: 13.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:105 Resp: 72398

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
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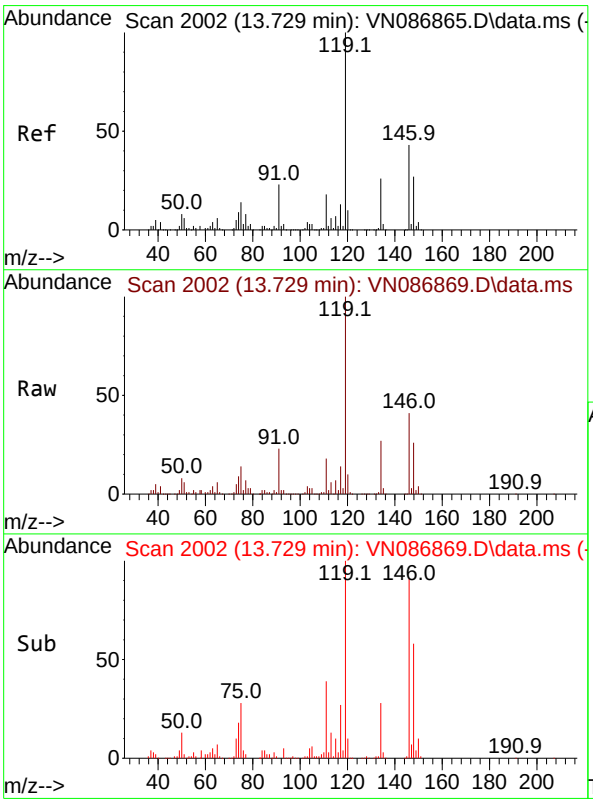
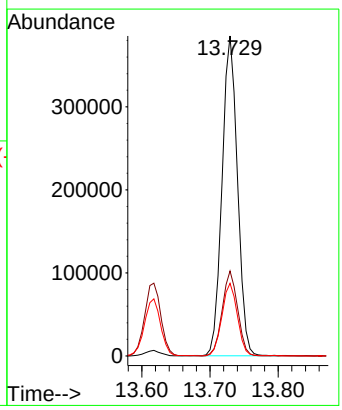
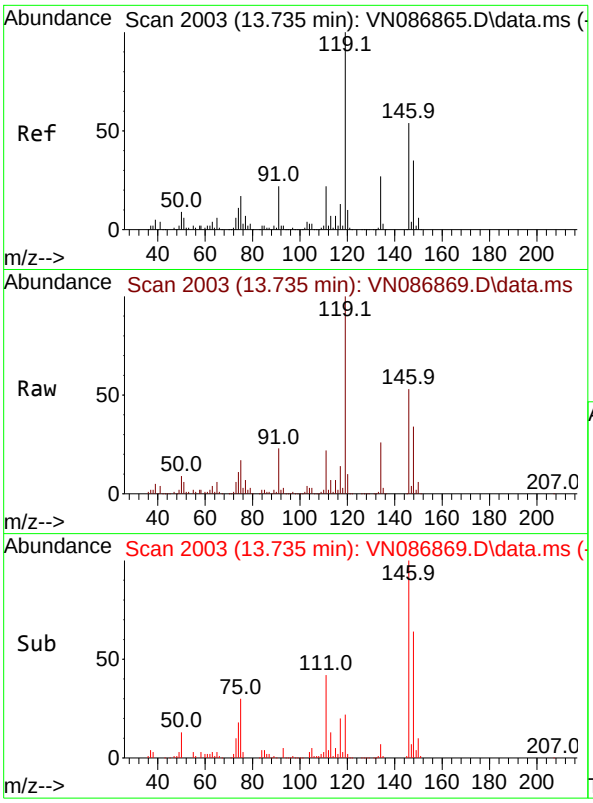


#86
p-Isopropyltoluene
Concen: 53.174 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:119 Resp: 606979

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.5	40.4
91	22.7	11.5	34.4

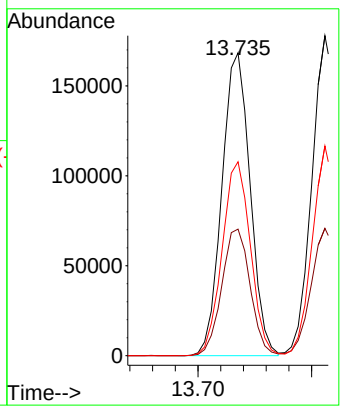




#87
1,3-Dichlorobenzene
Concen: 51.224 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:146 Resp: 29081

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.9	62.8
148	64.3	32.0	96.2



Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

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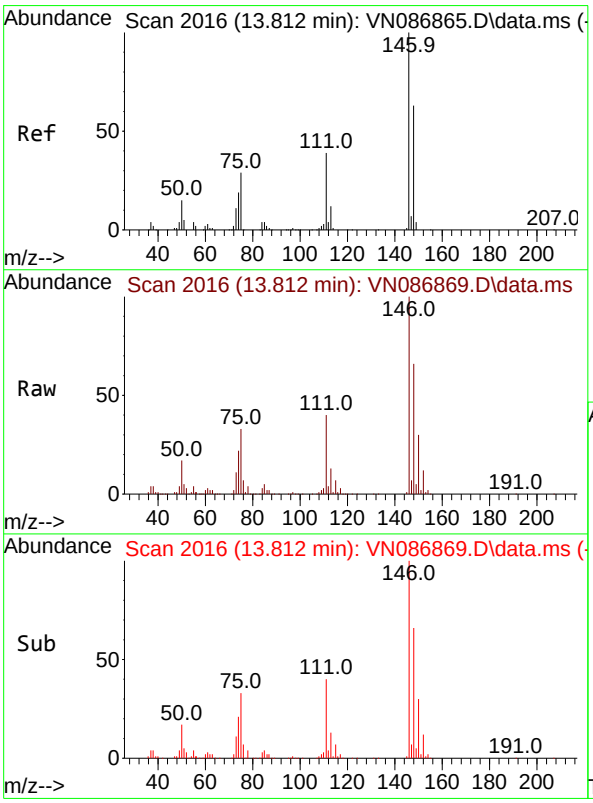
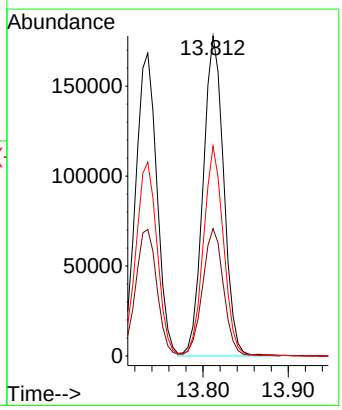
Supervised By :Mahesh Dadoda 06/09/2025

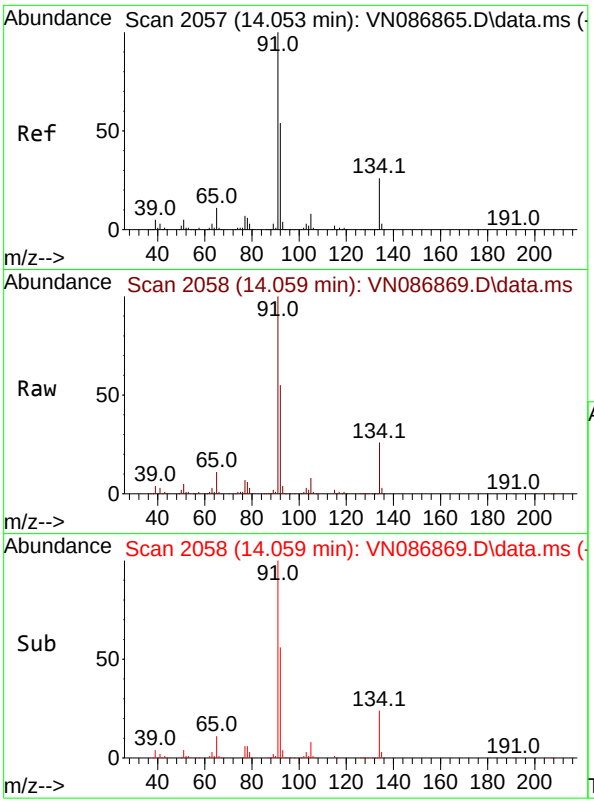


#88
1,4-Dichlorobenzene
Concen: 51.557 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:146 Resp: 298412

Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	63.3	31.8	95.4





#89
n-Butylbenzene
Concen: 52.424 ug/l
RT: 14.059 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 91 Resp: 57963

Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.5	82.4
134	25.5	13.0	39.0

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/09/2025
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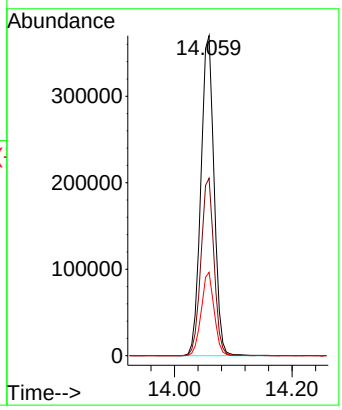
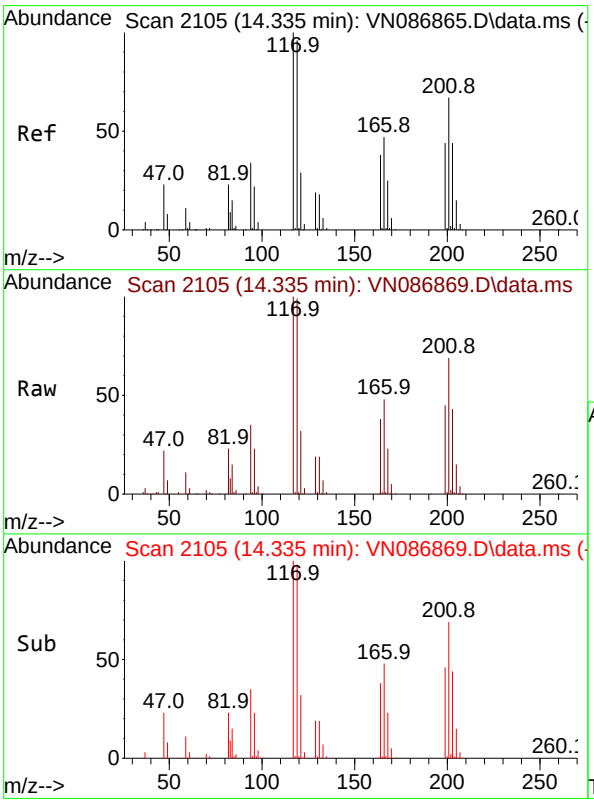
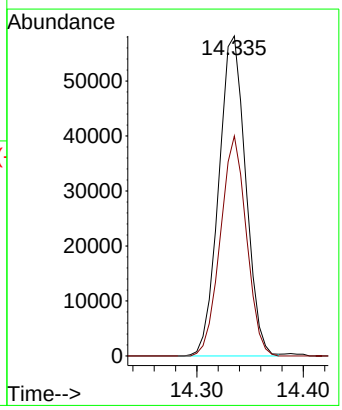


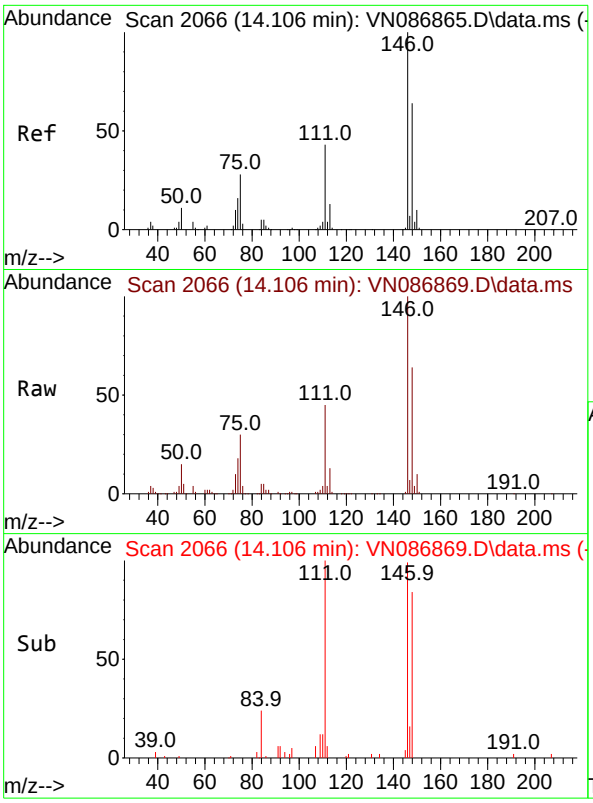


#90
Hexachloroethane
Concen: 52.847 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:117 Resp: 102254

Ion	Ratio	Lower	Upper
117	100		
201	66.4	33.2	99.6

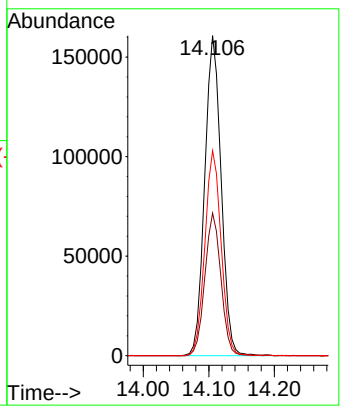




#91
1,2-Dichlorobenzene
Concen: 51.340 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:146 Resp: 28002

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.6
148	63.4	31.7	95.1



Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations
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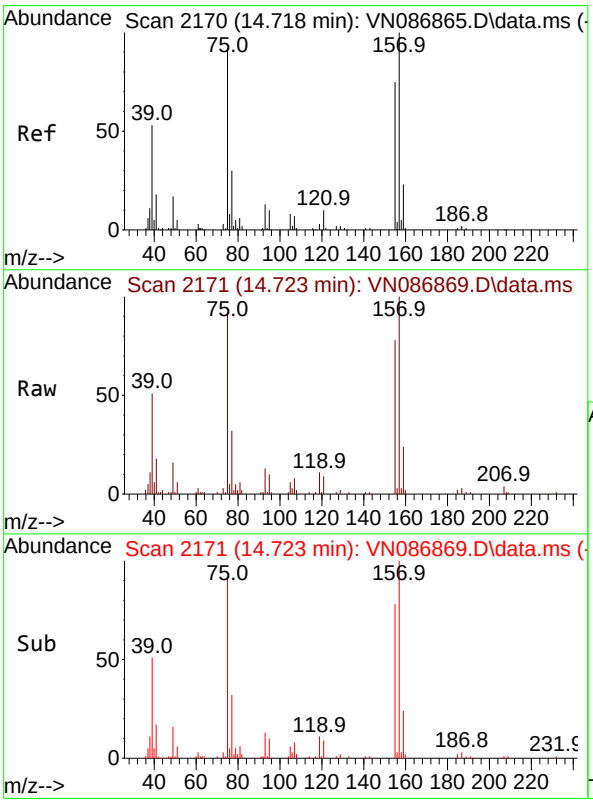
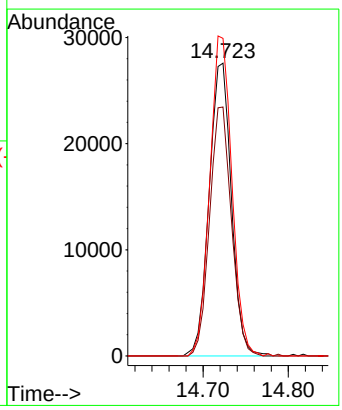
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

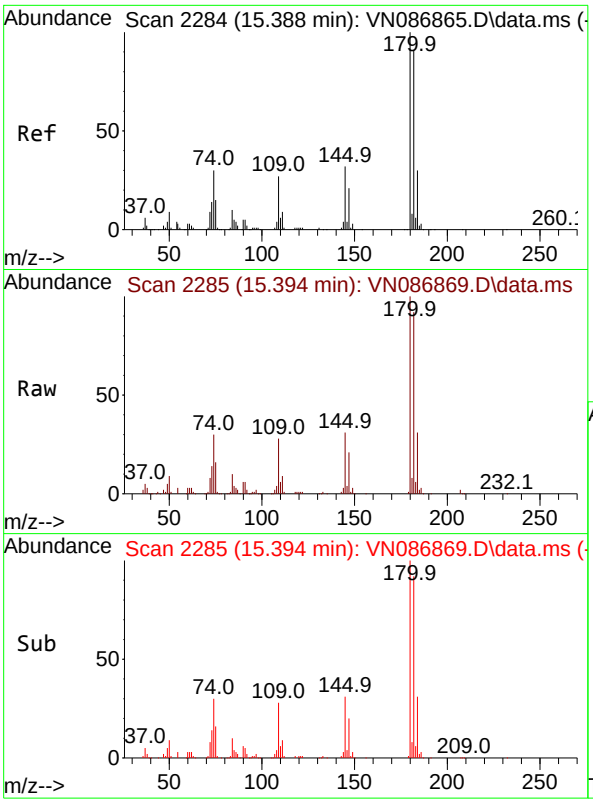


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.161 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 50115

Ion	Ratio	Lower	Upper
75	100		
155	83.5	41.1	123.4
157	108.6	52.7	158.1

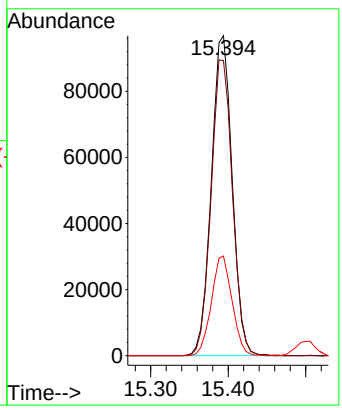




#93
1,2,4-Trichlorobenzene
Concen: 51.986 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:180 Resp: 18106

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.7
145	30.8	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

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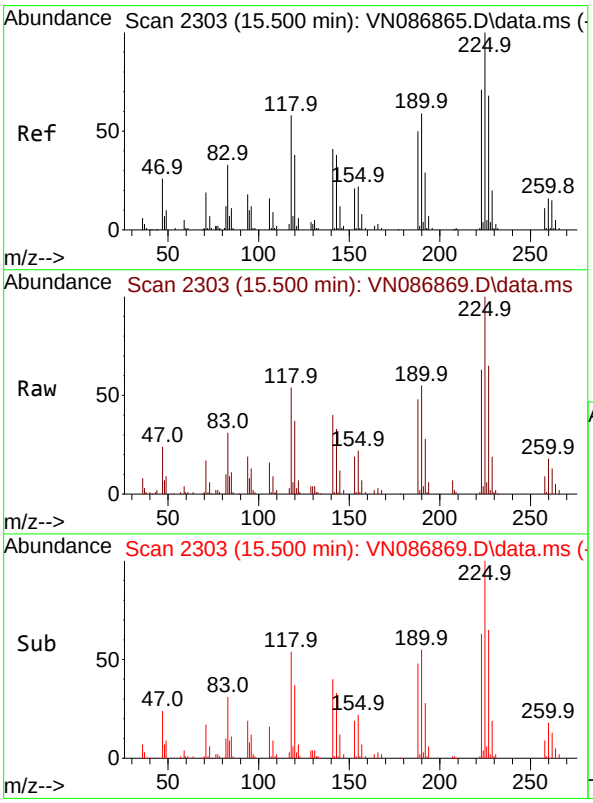
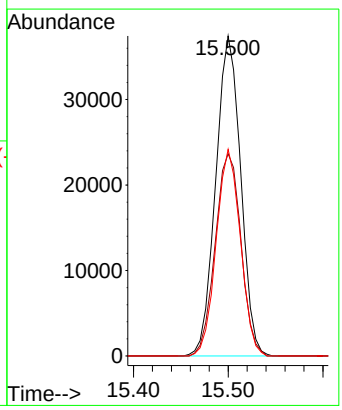
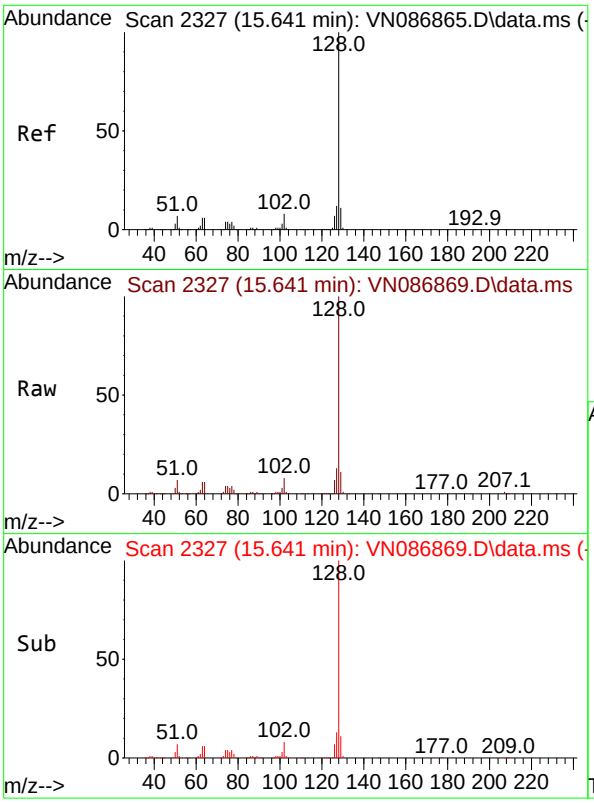


#94
Hexachlorobutadiene
Concen: 52.843 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:225 Resp: 68570

Ion	Ratio	Lower	Upper
225	100		
223	65.3	33.5	100.4
227	62.5	31.1	93.5

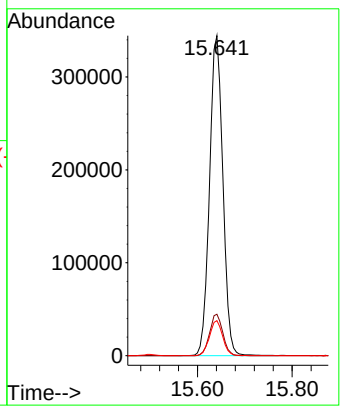




#95
Naphthalene
Concen: 52.005 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:128 Resp: 67418

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Manual Integrations APPROVED

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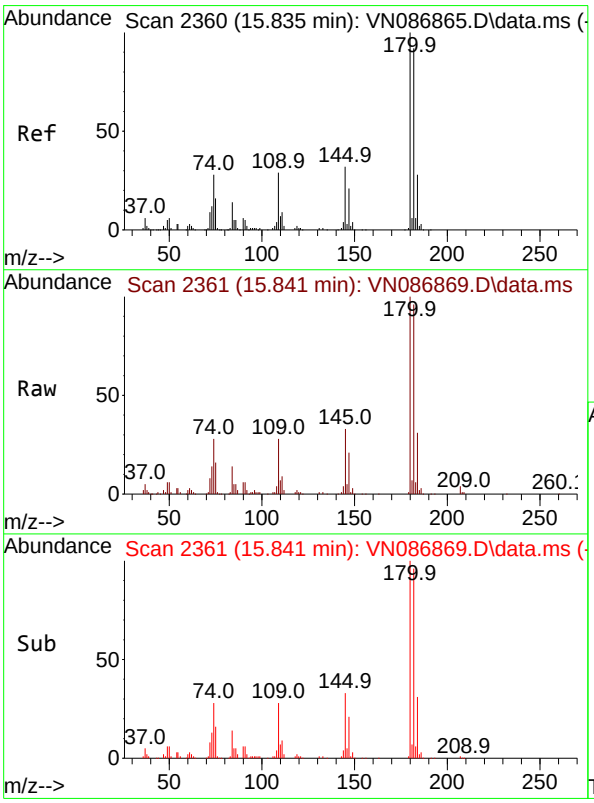
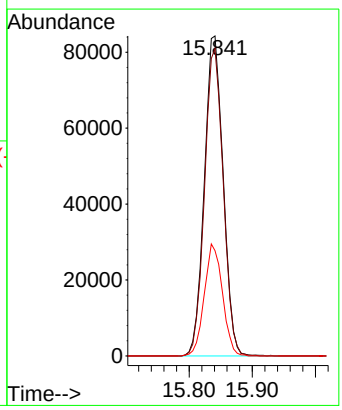


#96
1,2,3-Trichlorobenzene
Concen: 50.539 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:180 Resp: 174888

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.0	141.0
145	33.8	16.6	49.8



Evaluate Continuing Calibration Report

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Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	0.499	0.551	-10.4	116	0.00
3	P	Chloromethane	0.644	0.637	1.1	112	0.00
4	C	Vinyl Chloride	0.664	0.697	-5.0#	114	0.00
5	T	Bromomethane	0.372	0.411	-10.5	121	0.00
6	T	Chloroethane	0.429	0.439	-2.3	113	0.00
7	T	Trichlorofluoromethane	0.868	0.899	-3.6	113	0.00
8	T	Diethyl Ether	0.378	0.401	-6.1	116	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.545	0.585	-7.3	118	0.00
10	T	Methyl Iodide	0.707	0.752	-6.4	116	0.00
11	T	Tert butyl alcohol	0.182	0.191	-4.9	114	0.00
12	CM	1,1-Dichloroethene	0.557	0.575	-3.2#	113	0.00
13	T	Acrolein	0.057	0.055	3.5	128	0.00
14	T	Allyl chloride	0.923	0.932	-1.0	113	0.00
15	T	Acrylonitrile	0.425	0.440	-3.5	114	0.00
16	T	Acetone	0.355	0.350	1.4	114	0.00
17	T	Carbon Disulfide	1.539	1.556	-1.1	115	0.00
18	T	Methyl Acetate	1.035	1.074	-3.8	115	0.00
19	T	Methyl tert-butyl Ether	2.015	2.084	-3.4	113	0.00
20	T	Methylene Chloride	0.665	0.660	0.8	115	0.00
21	T	trans-1,2-Dichloroethene	0.619	0.612	1.1	113	0.00
22	T	Diisopropyl ether	1.945	2.018	-3.8	114	0.00
23	T	Vinyl Acetate	1.644	1.677	-2.0	111	0.00
24	P	1,1-Dichloroethane	1.120	1.153	-2.9	114	0.00
25	T	2-Butanone	0.577	0.591	-2.4	113	0.00
26	T	2,2-Dichloropropane	0.871	0.993	-14.0	116	0.00
27	T	cis-1,2-Dichloroethene	0.740	0.756	-2.2	114	0.00
28	T	Bromochloromethane	0.550	0.499	9.3	113	0.00
29	T	Tetrahydrofuran	0.376	0.386	-2.7	113	0.00
30	C	Chloroform	1.118	1.139	-1.9#	113	0.00
31	T	Cyclohexane	1.086	1.090	-0.4	114	0.00
32	T	1,1,1-Trichloroethane	0.951	0.962	-1.2	113	0.00
33	S	1,2-Dichloroethane-d4	0.669	0.698	-4.3	147	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.296	0.322	-8.8	153#	0.00
36	T	1,1-Dichloropropene	0.442	0.460	-4.1	115	0.00
37	T	Ethyl Acetate	0.562	0.563	-0.2	109	0.00
38	T	Carbon Tetrachloride	0.433	0.455	-5.1	116	0.00
39	T	Methylcyclohexane	0.605	0.637	-5.3	116	0.00
40	TM	Benzene	1.444	1.471	-1.9	114	0.00
41	T	Methacrylonitrile	0.316	0.332	-5.1	114	0.00
42	TM	1,2-Dichloroethane	0.438	0.451	-3.0	114	0.00
43	T	Isopropyl Acetate	0.902	0.912	-1.1	111	0.00
44	TM	Trichloroethene	0.342	0.355	-3.8	113	0.00
45	C	1,2-Dichloropropane	0.351	0.361	-2.8#	113	0.00
46	T	Dibromomethane	0.233	0.247	-6.0	116	0.00
47	T	Bromodichloromethane	0.480	0.498	-3.8	113	0.00
48	T	Methyl methacrylate	0.415	0.426	-2.7	113	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.008	0.008	0.0	112	0.00
50	S	Toluene-d8	1.173	1.246	-6.2	151#	0.00
51	T	4-Methyl-2-Pentanone	0.543	0.582	-7.2	113	0.00
52	CM	Toluene	0.882	0.918	-4.1#	114	0.00
53	T	t-1,3-Dichloropropene	0.537	0.570	-6.1	114	0.00
54	T	cis-1,3-Dichloropropene	0.574	0.603	-5.1	114	0.00
55	T	1,1,2-Trichloroethane	0.340	0.350	-2.9	113	0.00
56	T	Ethyl methacrylate	0.541	0.613	-13.3	115	0.00
57	T	1,3-Dichloropropane	0.589	0.605	-2.7	112	0.00
58	T	2-Chloroethyl Vinyl ether	0.323	0.317	1.9	120	0.00
59	T	2-Hexanone	0.350	0.397	-13.4	112	0.00
60	T	Dibromochloromethane	0.354	0.372	-5.1	114	0.00
61	T	1,2-Dibromoethane	0.348	0.361	-3.7	114	0.00
62	S	4-Bromofluorobenzene	0.436	0.471	-8.0	151#	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.316	0.319	-0.9	114	0.00
65	PM	Chlorobenzene	1.103	1.122	-1.7	115	0.00
66	T	1,1,1,2-Tetrachloroethane	0.354	0.370	-4.5	115	0.00
67	C	Ethyl Benzene	1.899	1.960	-3.2#	114	0.00
68	T	m/p-Xylenes	0.727	0.756	-4.0	113	0.00
69	T	o-Xylene	0.696	0.730	-4.9	114	0.00
70	T	Styrene	1.192	1.257	-5.5	113	0.00
71	P	Bromoform	0.263	0.288	-9.5	114	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.643	3.775	-3.6	114	0.00
74	T	N-amyl acetate	1.273	1.380	-8.4	112	0.00
75	P	1,1,2,2-Tetrachloroethane	1.234	1.278	-3.6	112	0.00
76	T	1,2,3-Trichloropropane	1.189	1.279	-7.6	112	0.00
77	T	Bromobenzene	0.835	0.874	-4.7	114	0.00
78	T	n-propylbenzene	4.427	4.639	-4.8	114	0.00
79	T	2-Chlorotoluene	2.655	2.742	-3.3	113	0.00
80	T	1,3,5-Trimethylbenzene	3.007	3.175	-5.6	113	0.00
81	T	trans-1,4-Dichloro-2-butene	0.516	0.575	-11.4	125	0.00
82	T	4-Chlorotoluene	2.686	2.787	-3.8	114	0.00
83	T	tert-Butylbenzene	2.753	2.892	-5.0	114	0.00
84	T	1,2,4-Trimethylbenzene	3.016	3.198	-6.0	113	0.00
85	T	sec-Butylbenzene	3.998	4.192	-4.9	113	0.00
86	T	p-Isopropyltoluene	3.305	3.514	-6.3	114	0.00
87	T	1,3-Dichlorobenzene	1.644	1.684	-2.4	112	0.00
88	T	1,4-Dichlorobenzene	1.676	1.728	-3.1	113	0.00
89	T	n-Butylbenzene	3.201	3.356	-4.8	113	0.00
90	T	Hexachloroethane	0.560	0.592	-5.7	114	0.00
91	T	1,2-Dichlorobenzene	1.579	1.621	-2.7	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.295	0.290	1.7	110	0.00
93	T	1,2,4-Trichlorobenzene	1.008	1.048	-4.0	112	0.00
94	T	Hexachlorobutadiene	0.376	0.397	-5.6	113	0.00
95	T	Naphthalene	3.753	3.904	-4.0	112	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	1.013	-1.1	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	50.000	55.286	-10.6	116	0.00
3	P	Chloromethane	50.000	49.505	1.0	112	0.00
4	C	Vinyl Chloride	50.000	52.451	-4.9#	114	0.00
5	T	Bromomethane	50.000	55.292	-10.6	121	0.00
6	T	Chloroethane	50.000	51.117	-2.2	113	0.00
7	T	Trichlorofluoromethane	50.000	51.819	-3.6	113	0.00
8	T	Diethyl Ether	50.000	53.001	-6.0	116	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.615	-7.2	118	0.00
10	T	Methyl Iodide	50.000	53.227	-6.5	116	0.00
11	T	Tert butyl alcohol	250.000	262.193	-4.9	114	0.00
12	CM	1,1-Dichloroethene	50.000	51.678	-3.4#	113	0.00
13	T	Acrolein	250.000	240.545	3.8	128	0.00
14	T	Allyl chloride	50.000	50.504	-1.0	113	0.00
15	T	Acrylonitrile	250.000	258.885	-3.6	114	0.00
16	T	Acetone	250.000	246.750	1.3	114	0.00
17	T	Carbon Disulfide	50.000	50.550	-1.1	115	0.00
18	T	Methyl Acetate	50.000	51.912	-3.8	115	0.00
19	T	Methyl tert-butyl Ether	50.000	51.720	-3.4	113	0.00
20	T	Methylene Chloride	50.000	49.617	0.8	115	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.437	1.1	113	0.00
22	T	Diisopropyl ether	50.000	51.853	-3.7	114	0.00
23	T	Vinyl Acetate	250.000	255.055	-2.0	111	0.00
24	P	1,1-Dichloroethane	50.000	51.487	-3.0	114	0.00
25	T	2-Butanone	250.000	255.897	-2.4	113	0.00
26	T	2,2-Dichloropropane	50.000	57.031	-14.1	116	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.073	-2.1	114	0.00
28	T	Bromochloromethane	50.000	45.310	9.4	113	0.00
29	T	Tetrahydrofuran	250.000	256.656	-2.7	113	0.00
30	C	Chloroform	50.000	50.933	-1.9#	113	0.00
31	T	Cyclohexane	50.000	50.212	-0.4	114	0.00
32	T	1,1,1-Trichloroethane	50.000	50.603	-1.2	113	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.135	-4.3	147	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	54.416	-8.8	153	0.00
36	T	1,1-Dichloropropene	50.000	52.123	-4.2	115	0.00
37	T	Ethyl Acetate	50.000	50.125	-0.3	109	0.00
38	T	Carbon Tetrachloride	50.000	52.466	-4.9	116	0.00
39	T	Methylcyclohexane	50.000	52.686	-5.4	116	0.00
40	TM	Benzene	50.000	50.931	-1.9	114	0.00
41	T	Methacrylonitrile	50.000	52.607	-5.2	114	0.00
42	TM	1,2-Dichloroethane	50.000	51.489	-3.0	114	0.00
43	T	Isopropyl Acetate	50.000	50.536	-1.1	111	0.00
44	TM	Trichloroethene	50.000	51.788	-3.6	113	0.00
45	C	1,2-Dichloropropane	50.000	51.450	-2.9#	113	0.00
46	T	Dibromomethane	50.000	52.849	-5.7	116	0.00
47	T	Bromodichloromethane	50.000	51.824	-3.6	113	0.00
48	T	Methyl methacrylate	50.000	51.328	-2.7	113	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1110.123	-11.0	112	0.00
50	S	Toluene-d8	50.000	53.129	-6.3	151	0.00
51	T	4-Methyl-2-Pentanone	250.000	267.835	-7.1	113	0.00
52	CM	Toluene	50.000	52.040	-4.1#	114	0.00
53	T	t-1,3-Dichloropropene	50.000	53.137	-6.3	114	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.519	-5.0	114	0.00
55	T	1,1,2-Trichloroethane	50.000	51.562	-3.1	113	0.00
56	T	Ethyl methacrylate	50.000	56.688	-13.4	115	0.00
57	T	1,3-Dichloropropane	50.000	51.386	-2.8	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	246.006	1.6	120	0.00
59	T	2-Hexanone	250.000	283.478	-13.4	112	0.00
60	T	Dibromochloromethane	50.000	52.627	-5.3	114	0.00
61	T	1,2-Dibromoethane	50.000	51.887	-3.8	114	0.00
62	S	4-Bromofluorobenzene	50.000	54.081	-8.2	151	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	50.450	-0.9	114	0.00
65	PM	Chlorobenzene	50.000	50.892	-1.8	115	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.164	-4.3	115	0.00
67	C	Ethyl Benzene	50.000	51.590	-3.2#	114	0.00
68	T	m/p-Xylenes	100.000	103.912	-3.9	113	0.00
69	T	o-Xylene	50.000	52.387	-4.8	114	0.00
70	T	Styrene	50.000	52.758	-5.5	113	0.00
71	P	Bromoform	50.000	54.751	-9.5	114	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	51.823	-3.6	114	0.00
74	T	N-amyl acetate	50.000	54.212	-8.4	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.763	-3.5	112	0.00
76	T	1,2,3-Trichloropropane	50.000	53.821	-7.6	112	0.00
77	T	Bromobenzene	50.000	52.313	-4.6	114	0.00
78	T	n-propylbenzene	50.000	52.397	-4.8	114	0.00
79	T	2-Chlorotoluene	50.000	51.650	-3.3	113	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.787	-5.6	113	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.702	-11.4	125	0.00
82	T	4-Chlorotoluene	50.000	51.884	-3.8	114	0.00
83	T	tert-Butylbenzene	50.000	52.532	-5.1	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.024	-6.0	113	0.00
85	T	sec-Butylbenzene	50.000	52.428	-4.9	113	0.00
86	T	p-Isopropyltoluene	50.000	53.174	-6.3	114	0.00
87	T	1,3-Dichlorobenzene	50.000	51.224	-2.4	112	0.00
88	T	1,4-Dichlorobenzene	50.000	51.557	-3.1	113	0.00
89	T	n-Butylbenzene	50.000	52.424	-4.8	113	0.00
90	T	Hexachloroethane	50.000	52.847	-5.7	114	0.00
91	T	1,2-Dichlorobenzene	50.000	51.340	-2.7	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.161	1.7	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.986	-4.0	112	0.00
94	T	Hexachlorobutadiene	50.000	52.843	-5.7	113	0.00
95	T	Naphthalene	50.000	52.005	-4.0	112	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.539	-1.1	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	1.320	1.590	1.431	1.230	1.178	1.185	1.322	12.3
Vinyl Chloride	1.371	1.814	1.647	1.497	1.444	1.432	1.534	10.8
Bromomethane	1.365	1.735	1.705	1.240	1.341	1.436	1.470	13.8
Chloroethane	0.973	1.278	1.198	0.965	0.941	0.964	1.053	13.8
Trichlorofluoromethane	1.135	1.492	1.430	1.224	1.223	1.310	1.302	10.5
1,1,2-Trichlorotrifluoroethane	0.510	0.615	0.572	0.538	0.522	0.534	0.549	7.1
1,1-Dichloroethene	0.469	0.577	0.549	0.518	0.510	0.523	0.524	7
Acetone	0.130	0.119	0.120	0.116	0.105	0.092	0.114	11.6
Carbon Disulfide	1.503	1.870	1.731	1.664	1.638	1.666	1.679	7.2
Methyl tert-butyl Ether	1.307	1.618	1.571	1.470	1.435	1.462	1.477	7.4
Methylene Chloride	0.861	0.700	0.637	0.574	0.548	0.550	0.645	18.7
trans-1,2-Dichloroethene	0.522	0.651	0.612	0.571	0.574	0.592	0.587	7.4
1,1-Dichloroethane	0.968	1.193	1.124	1.060	1.051	1.080	1.079	7
2-Butanone	0.143	0.174	0.178	0.168	0.163	0.157	0.164	7.6
Carbon Tetrachloride	0.415	0.516	0.497	0.508	0.508	0.537	0.497	8.5
cis-1,2-Dichloroethene	0.592	0.731	0.706	0.682	0.668	0.691	0.678	7
Chloroform	0.960	1.183	1.109	1.058	1.043	1.062	1.069	6.9
1,1,1-Trichloroethane	0.819	1.029	0.970	0.948	0.951	0.977	0.949	7.4
Methylcyclohexane	0.568	0.674	0.645	0.657	0.664	0.698	0.651	6.9
Benzene	1.213	1.487	1.473	1.441	1.452	1.518	1.431	7.7
1,2-Dichloroethane	0.320	0.424	0.413	0.390	0.395	0.401	0.391	9.4
Trichloroethene	0.294	0.388	0.353	0.355	0.350	0.358	0.350	8.7
1,2-Dichloropropane	0.274	0.364	0.354	0.344	0.344	0.349	0.338	9.6
Bromodichloromethane	0.380	0.525	0.499	0.491	0.491	0.508	0.482	10.7
4-Methyl-2-Pentanone	0.175	0.242	0.246	0.243	0.244	0.246	0.233	12.1
Toluene	0.732	0.932	0.904	0.903	0.933	0.990	0.899	9.8
t-1,3-Dichloropropene	0.350	0.468	0.476	0.461	0.468	0.487	0.452	11.2
cis-1,3-Dichloropropene	0.423	0.549	0.545	0.537	0.544	0.558	0.526	9.7
1,1,2-Trichloroethane	0.207	0.257	0.258	0.242	0.243	0.249	0.243	7.7
2-Hexanone	0.120	0.158	0.166	0.162	0.165	0.162	0.156	11.3

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dibromochloromethane	0.248	0.320	0.325	0.314	0.319	0.323	0.308	9.6
Tetrachloroethene	0.375	0.474	0.448	0.437	0.416	0.432	0.430	7.7
Chlorobenzene	0.949	1.170	1.102	1.116	1.120	1.182	1.106	7.5
Ethyl Benzene	1.655	2.090	2.006	2.083	2.148	2.332	2.052	10.9
m/p-Xylenes	0.616	0.780	0.765	0.785	0.822	0.899	0.778	11.9
o-Xylene	0.583	0.749	0.721	0.734	0.764	0.826	0.729	11
Styrene	0.909	1.195	1.189	1.233	1.291	1.417	1.206	13.9
Bromoform	0.161	0.209	0.200	0.201	0.206	0.214	0.198	9.7
Isopropylbenzene	3.470	4.308	4.090	4.136	4.167	4.460	4.105	8.3
1,1,2,2-Tetrachloroethane	0.570	0.738	0.692	0.682	0.671	0.689	0.674	8.3
1,3-Dichlorobenzene	1.514	1.783	1.730	1.733	1.809	1.963	1.755	8.3
1,4-Dichlorobenzene	1.508	1.814	1.733	1.701	1.677	1.781	1.702	6.3
1,2-Dichlorobenzene	1.246	1.582	1.547	1.512	1.490	1.564	1.490	8.3
1,2-Dichloroethane-d4	0.523	0.574	0.556	0.591	0.552	0.559	0.559	4.1
Dibromofluoromethane	0.264	0.283	0.301	0.321	0.307	0.315	0.298	7.2
Toluene-d8	1.067	1.181	1.158	1.279	1.253	1.298	1.206	7.2
4-Bromofluorobenzene	0.339	0.339	0.347	0.372	0.373	0.386	0.359	5.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y060225S.M
Title : SW846 8260
Last Update : Tue Jun 03 03:22:04 2025
Response Via : Initial Calibration

Calibration Files
5 =VY022491.D 10 =VY022492.D 20 =VY022493.D 50 =VY022494.D 100 =VY022495.D 150 =VY022496.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.433	0.542	0.495	0.413	0.397	0.405	0.448	13.03
3)	P	Chloromethane	1.320	1.590	1.431	1.230	1.178	1.185	1.322	12.28
4)	C	Vinyl Chloride	1.371	1.814	1.647	1.497	1.444	1.432	1.534	10.82#
5)	T	Bromomethane	1.365	1.735	1.705	1.240	1.341	1.436	1.470	13.82
6)	T	Chloroethane	0.973	1.278	1.198	0.965	0.941	0.964	1.053	13.84
7)	T	Trichlorofluor...	1.135	1.492	1.430	1.224	1.223	1.310	1.302	10.47
8)	T	Diethyl Ether	0.258	0.335	0.315	0.291	0.279	0.283	0.293	9.35
9)	T	1,1,2-Trichlor...	0.510	0.615	0.572	0.538	0.522	0.534	0.549	7.08
10)	T	Methyl Iodide	0.456	0.606	0.609	0.644	0.632	0.616	0.594	11.60
11)	T	Tert butyl alc...	0.034	0.046	0.045	0.039	0.038	0.038	0.040	11.73
12)	CM	1,1-Dichloroet...	0.469	0.577	0.549	0.518	0.510	0.523	0.524	6.96#
13)	T	Acrolein	0.056	0.046	0.053	0.048	0.050	0.046	0.050	8.21
14)	T	Allyl chloride	0.751	0.911	0.850	0.806	0.804	0.817	0.823	6.51
15)	T	Acrylonitrile	0.106	0.138	0.133	0.126	0.122	0.120	0.124	8.94
16)	T	Acetone	0.130	0.119	0.120	0.116	0.105	0.092	0.114	11.55
17)	T	Carbon Disulfide	1.503	1.870	1.731	1.664	1.638	1.666	1.679	7.17
18)	T	Methyl Acetate	0.280	0.408	0.396	0.333	0.301	0.301	0.336	15.94
19)	T	Methyl tert-bu...	1.307	1.618	1.571	1.470	1.435	1.462	1.477	7.39
20)	T	Methylene Chlo...	0.861	0.700	0.637	0.574	0.548	0.550	0.645	18.74
21)	T	trans-1,2-Dich...	0.522	0.651	0.612	0.571	0.574	0.592	0.587	7.39
22)	T	Diisopropyl ether	1.616	1.984	1.933	1.818	1.800	1.842	1.832	6.96
23)	T	Vinyl Acetate	0.910	1.143	1.145	1.083	1.099	1.126	1.084	8.20
24)	P	1,1-Dichloroet...	0.968	1.193	1.124	1.060	1.051	1.080	1.079	7.00
25)	T	2-Butanone	0.143	0.174	0.178	0.168	0.163	0.157	0.164	7.62
26)	T	2,2-Dichloropr...	0.836	1.032	0.972	0.947	0.953	0.982	0.954	6.84
27)	T	cis-1,2-Dichlo...	0.592	0.731	0.706	0.682	0.668	0.691	0.678	6.98
28)	T	Bromochloromet...	0.470	0.477	0.479	0.454	0.469	0.474	0.471	1.86
29)	T	Tetrahydrofuran	0.093	0.118	0.114	0.104	0.103	0.101	0.106	8.60
30)	C	Chloroform	0.960	1.183	1.109	1.058	1.043	1.062	1.069	6.93#
31)	T	Cyclohexane	1.168	1.208	1.098	1.015	0.970	0.988	1.075	9.22
32)	T	1,1,1-Trichlor...	0.819	1.029	0.970	0.948	0.951	0.977	0.949	7.36
33)	S	1,2-Dichloroet...	0.523	0.574	0.556	0.591	0.552	0.559	0.559	4.10
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.264	0.283	0.301	0.321	0.307	0.315	0.298	7.22
36)	T	1,1-Dichloropr...	0.416	0.512	0.492	0.486	0.490	0.510	0.484	7.30
37)	T	Ethyl Acetate	0.181	0.217	0.231	0.229	0.221	0.216	0.216	8.41
38)	T	Carbon Tetrach...	0.415	0.516	0.497	0.508	0.508	0.537	0.497	8.49
39)	T	Methylcyclohexane	0.568	0.674	0.645	0.657	0.664	0.698	0.651	6.85
40)	TM	Benzene	1.213	1.487	1.473	1.441	1.452	1.518	1.431	7.67
41)	T	Methacrylonitrile	0.119	0.123	0.132	0.125	0.135	0.124	0.126	4.74
42)	TM	1,2-Dichloroet...	0.320	0.424	0.413	0.390	0.395	0.401	0.391	9.39
43)	T	Isopropyl Acetate	0.377	0.497	0.499	0.478	0.475	0.474	0.467	9.72
44)	TM	Trichloroethene	0.294	0.388	0.353	0.355	0.350	0.358	0.350	8.73
45)	C	1,2-Dichloropr...	0.274	0.364	0.354	0.344	0.344	0.349	0.338	9.61#
46)	T	Dibromomethane	0.158	0.199	0.201	0.193	0.192	0.197	0.190	8.46
47)	T	Bromodichlorom...	0.380	0.525	0.499	0.491	0.491	0.508	0.482	10.71
48)	T	Methyl methacr...	0.183	0.220	0.234	0.222	0.226	0.229	0.219	8.29
49)	T	1,4-Dioxane	0.002	0.002	0.003	0.002	0.002	0.002	0.002	9.33
50)	S	Toluene-d8	1.067	1.181	1.158	1.279	1.253	1.298	1.206	7.25
51)	T	4-Methyl-2-Pen...	0.175	0.242	0.246	0.243	0.244	0.246	0.233	12.13
52)	CM	Toluene	0.732	0.932	0.904	0.903	0.933	0.990	0.899	9.76#
53)	T	t-1,3-Dichloro...	0.350	0.468	0.476	0.461	0.468	0.487	0.452	11.20
54)	T	cis-1,3-Dichlo...	0.423	0.549	0.545	0.537	0.544	0.558	0.526	9.67
55)	T	1,1,2-Trichlor...	0.207	0.257	0.258	0.242	0.243	0.249	0.243	7.73
56)	T	Ethyl methacry...	0.257	0.357	0.370	0.363	0.373	0.383	0.351	13.32

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y060225S.M

57)	T	1,3-Dichloropr...	0.358	0.462	0.448	0.435	0.434	0.443	0.430	8.57
58)	T	2-Chloroethyl ...	0.137	0.143	0.160	0.159	0.174	0.181	0.159	10.80
59)	T	2-Hexanone	0.120	0.158	0.166	0.162	0.165	0.162	0.156	11.34
60)	T	Dibromochlorom...	0.248	0.320	0.325	0.314	0.319	0.323	0.308	9.61
61)	T	1,2-Dibromoethane	0.174	0.236	0.239	0.223	0.225	0.230	0.221	10.87
62)	S	4-Bromofluorob...	0.339	0.339	0.347	0.372	0.373	0.386	0.359	5.62
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.375	0.474	0.448	0.437	0.416	0.432	0.430	7.66
65)	PM	Chlorobenzene	0.949	1.170	1.102	1.116	1.120	1.182	1.106	7.54
66)	T	1,1,1,2-Tetrac...	0.291	0.383	0.379	0.379	0.385	0.419	0.373	11.51
67)	C	Ethyl Benzene	1.655	2.090	2.006	2.083	2.148	2.332	2.052	10.90#
68)	T	m/p-Xylenes	0.616	0.780	0.765	0.785	0.822	0.899	0.778	11.94
69)	T	o-Xylene	0.583	0.749	0.721	0.734	0.764	0.826	0.729	11.05
70)	T	Styrene	0.909	1.195	1.189	1.233	1.291	1.417	1.206	13.93
71)	P	Bromoform	0.161	0.209	0.200	0.201	0.206	0.214	0.198	9.68
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.470	4.308	4.090	4.136	4.167	4.460	4.105	8.26
74)	T	N-amyl acetate	0.754	1.078	1.081	1.072	1.103	1.127	1.036	13.49
75)	P	1,1,2,2-Tetrac...	0.570	0.738	0.692	0.682	0.671	0.689	0.674	8.25
76)	T	1,2,3-Trichlor...	0.585	0.610	0.582	0.630	0.511	0.514	0.572	8.62
77)	T	Bromobenzene	0.723	0.924	0.890	0.868	0.867	0.925	0.866	8.63
78)	T	n-propylbenzene	4.424	5.221	4.962	5.067	5.051	5.357	5.014	6.40
79)	T	2-Chlorotoluene	2.378	2.742	2.653	2.676	2.666	2.828	2.657	5.71
80)	T	1,3,5-Trimethy...	2.748	3.317	3.240	3.260	3.275	3.497	3.223	7.77
81)	T	trans-1,4-Dich...	0.203	0.255	0.241	0.234	0.241	0.247	0.237	7.60
82)	T	4-Chlorotoluene	2.386	2.865	2.677	2.775	2.784	2.960	2.741	7.23
83)	T	tert-Butylbenzene	2.444	2.979	2.900	2.899	2.952	3.181	2.893	8.41
84)	T	1,2,4-Trimethy...	2.719	3.307	3.189	3.220	3.304	3.599	3.223	8.89
85)	T	sec-Butylbenzene	3.877	4.652	4.352	4.466	4.488	4.746	4.430	6.89
86)	T	p-Isopropyltol...	3.038	3.638	3.591	3.655	3.824	4.163	3.652	10.04
87)	T	1,3-Dichlorobe...	1.514	1.783	1.730	1.733	1.809	1.963	1.755	8.29
88)	T	1,4-Dichlorobe...	1.508	1.814	1.733	1.701	1.677	1.781	1.702	6.34
89)	T	n-Butylbenzene	2.956	3.551	3.459	3.534	3.537	3.750	3.464	7.72
90)	T	Hexachloroethane	0.632	0.745	0.712	0.716	0.709	0.751	0.711	6.01
91)	T	1,2-Dichlorobe...	1.246	1.582	1.547	1.512	1.490	1.564	1.490	8.35
92)	T	1,2-Dibromo-3-...	0.074	0.110	0.103	0.105	0.098	0.099	0.098	12.72
93)	T	1,2,4-Trichlor...	0.667	0.863	0.812	0.817	0.851	0.865	0.813	9.20
94)	T	Hexachlorobuta...	0.440	0.480	0.441	0.447	0.441	0.442	0.449	3.46
95)	T	Naphthalene	1.187	1.604	1.614	1.620	1.663	1.670	1.560	11.84
96)	T	1,2,3-Trichlor...	0.622	0.721	0.712	0.699	0.710	0.714	0.697	5.33

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.713	168	201089	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.622	114	353755	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.420	117	289394	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127807	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.067	65	10508	4.802	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.600%#			
35) Dibromofluoromethane	7.646	113	9323	4.477	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	8.960%#			
50) Toluene-d8	10.109	98	37729	4.482	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	8.960%#			
62) 4-Bromofluorobenzene	12.408	95	11988	4.697	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.400%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.867	85	8717	4.961	ug/l		99
3) Chloromethane	2.068	50	26535	5.119	ug/l		98
4) Vinyl Chloride	2.208	62	27572	4.544	ug/l		98
5) Bromomethane	2.598	94	27457	4.784	ug/l		98
6) Chloroethane	2.739	64	19566	4.710	ug/l		95
7) Trichlorofluoromethane	3.062	101	22825	4.428	ug/l		92
8) Diethyl Ether	3.464	74	5184	4.553	ug/l		92
9) 1,1,2-Trichlorotrifluo...	3.824	101	10259	4.744	ug/l		97
10) Methyl Iodide	4.007	142	9174	3.956	ug/l	#	95
11) Tert butyl alcohol	4.891	59	3374	21.587	ug/l	#	88
12) 1,1-Dichloroethene	3.799	96	9440	4.573	ug/l		97
13) Acrolein	3.671	56	5656	29.646	ug/l		95
14) Allyl chloride	4.391	41	15096	4.693	ug/l		98
15) Acrylonitrile	5.080	53	10667	22.026	ug/l		97
16) Acetone	3.885	43	13023	30.108	ug/l	#	87
17) Carbon Disulfide	4.110	76	30222	4.586	ug/l		99
18) Methyl Acetate	4.397	43	5630	4.327	ug/l		96
19) Methyl tert-butyl Ether	5.122	73	26276	4.562	ug/l		97
20) Methylene Chloride	4.622	84	17312	7.168	ug/l		89
21) trans-1,2-Dichloroethene	5.116	96	10489	4.549	ug/l		86
22) Diisopropyl ether	6.037	45	32497	4.544	ug/l		95
23) Vinyl Acetate	5.970	43	91478	21.559	ug/l		98
24) 1,1-Dichloroethane	5.921	63	19460	4.603	ug/l		97
25) 2-Butanone	6.909	43	14423	22.605	ug/l		95
26) 2,2-Dichloropropane	6.896	77	16805	4.471	ug/l		99
27) cis-1,2-Dichloroethene	6.896	96	11906	4.467	ug/l		98
28) Bromochloromethane	7.250	49	9453	5.175	ug/l		100
29) Tetrahydrofuran	7.274	42	9377	22.781	ug/l		95
30) Chloroform	7.427	83	19302	4.620	ug/l		87
31) Cyclohexane	7.707	56	23482	5.519	ug/l	#	90
32) 1,1,1-Trichloroethane	7.628	97	16476	4.413	ug/l		98
36) 1,1-Dichloropropene	7.841	75	14700	4.367	ug/l		99
37) Ethyl Acetate	6.994	43	6409m	4.326	ug/l		
38) Carbon Tetrachloride	7.823	117	14691	4.233	ug/l		95
39) Methylcyclohexane	9.109	83	20076	4.415	ug/l		95
40) Benzene	8.085	78	42926	4.326	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4192	4.394 ug/l #	89
42) 1,2-Dichloroethane	8.164	62	11332	4.198 ug/l	99
43) Isopropyl Acetate	8.207	43	13330	4.117 ug/l	95
44) Trichloroethene	8.872	130	10404	4.292 ug/l	79
45) 1,2-Dichloropropane	9.146	63	9678	4.091 ug/l	100
46) Dibromomethane	9.244	93	5596	4.223 ug/l	95
47) Bromodichloromethane	9.433	83	13448	3.999 ug/l	96
48) Methyl methacrylate	9.225	41	6483	4.374 ug/l	91
49) 1,4-Dioxane	9.231	88	1356m	85.767 ug/l	
51) 4-Methyl-2-Pentanone	10.000	43	30969	19.273 ug/l	98
52) Toluene	10.170	92	25893	4.150 ug/l	99
53) t-1,3-Dichloropropene	10.396	75	12388	3.982 ug/l	91
54) cis-1,3-Dichloropropene	9.859	75	14966	4.103 ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	7318	4.385 ug/l	98
56) Ethyl methacrylate	10.445	69	9092	3.751 ug/l	94
57) 1,3-Dichloropropane	10.719	76	12648	4.255 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	24214	22.409 ug/l	97
59) 2-Hexanone	10.768	43	21243	19.832 ug/l	94
60) Dibromochloromethane	10.914	129	8781	4.152 ug/l	94
61) 1,2-Dibromoethane	11.018	107	6146	3.991 ug/l	100
64) Tetrachloroethene	10.652	164	10863	4.417 ug/l	95
65) Chlorobenzene	11.444	112	27467	4.377 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	8422	3.959 ug/l	94
67) Ethyl Benzene	11.524	91	47883	4.098 ug/l	96
68) m/p-Xylenes	11.627	106	35645	8.060 ug/l	99
69) o-Xylene	11.956	106	16866	4.075 ug/l	95
70) Styrene	11.975	104	26313	3.840 ug/l	99
71) Bromoform	12.133	173	4649	4.159 ug/l #	97
73) Isopropylbenzene	12.255	105	44350	4.307 ug/l	100
74) N-amyl acetate	12.072	43	9632	3.699 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	7289	4.359 ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	7478m	4.432 ug/l	
77) Bromobenzene	12.536	156	9241	4.234 ug/l	95
78) n-propylbenzene	12.597	91	56543	4.511 ug/l	98
79) 2-Chlorotoluene	12.682	91	30387	4.591 ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	35122	4.362 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	2596	4.411 ug/l	96
82) 4-Chlorotoluene	12.780	91	30501	4.447 ug/l	99
83) tert-Butylbenzene	12.999	119	31232	4.252 ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	34752	4.314 ug/l	100
85) sec-Butylbenzene	13.176	105	49546	4.449 ug/l	99
86) p-Isopropyltoluene	13.292	119	38822	4.240 ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	19350	4.431 ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	19268	4.529 ug/l	91
89) n-Butylbenzene	13.615	91	37774	4.333 ug/l	100
90) Hexachloroethane	13.883	117	8072	4.506 ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	15922	4.244 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	949	3.754 ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	8529	4.159 ug/l	95
94) Hexachlorobutadiene	15.023	225	5627	5.024 ug/l	98
95) Naphthalene	15.145	128	15167	3.859 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	7952	4.563 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

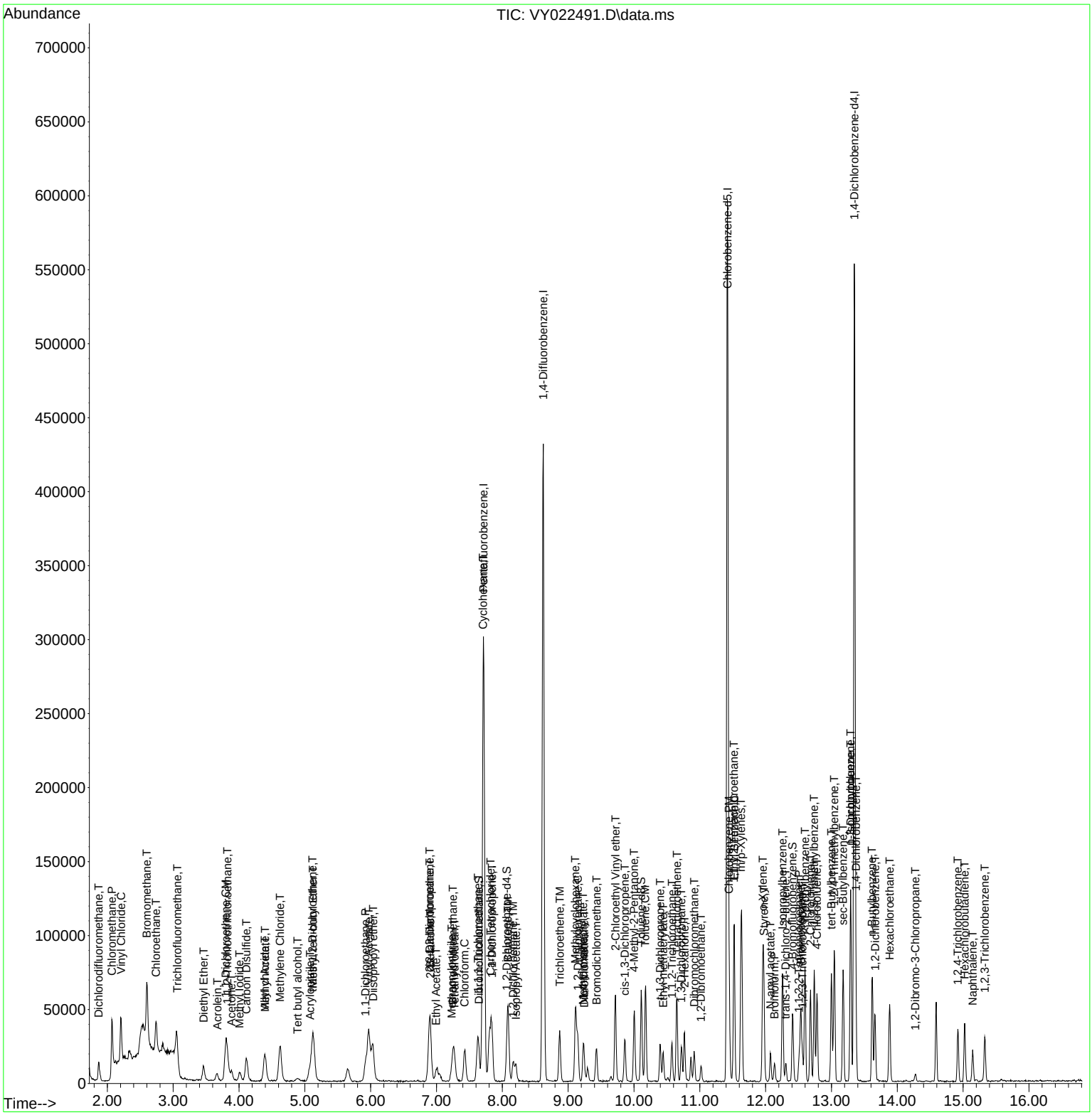
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

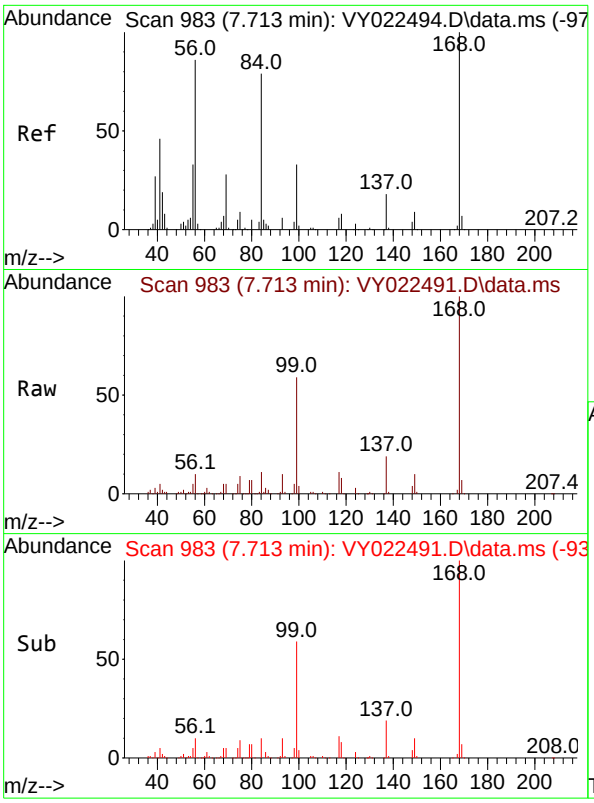
Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

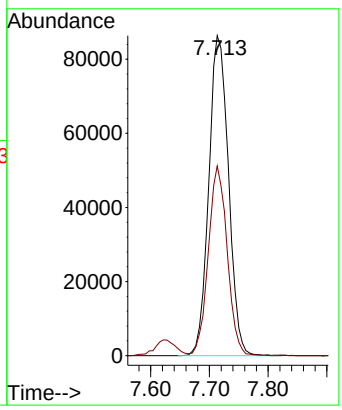




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:168 Resp: 20108

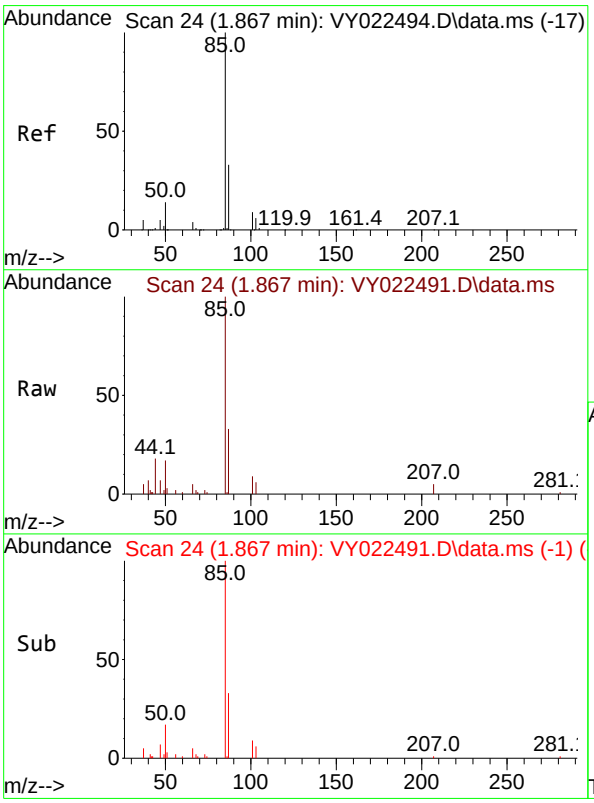
Ion	Ratio	Lower	Upper
168	100		
99	59.3	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

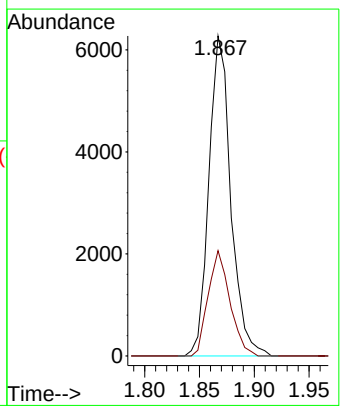
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

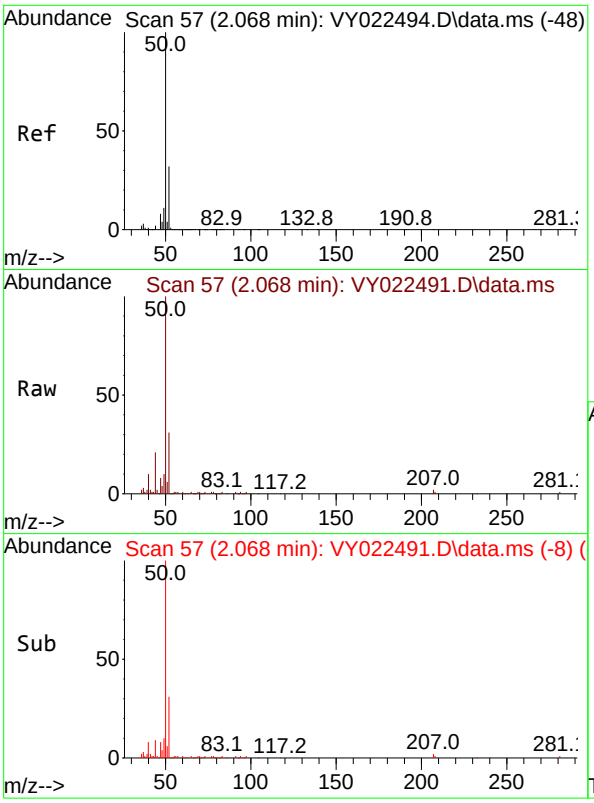


#2
Dichlorodifluoromethane
Concen: 4.961 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 85 Resp: 8717

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.7	50.0

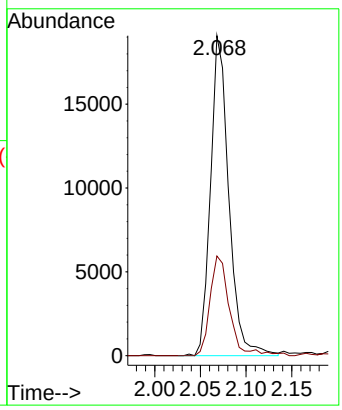




#3
Chloromethane
Concen: 5.119 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 50 Resp: 2653

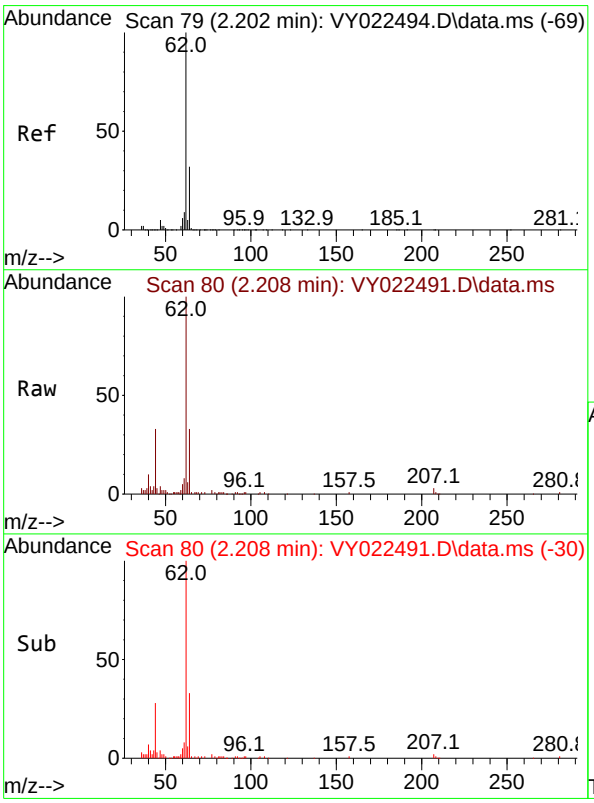
Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

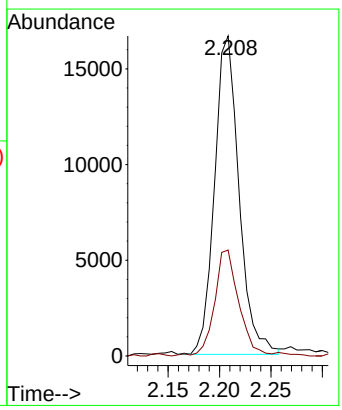
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

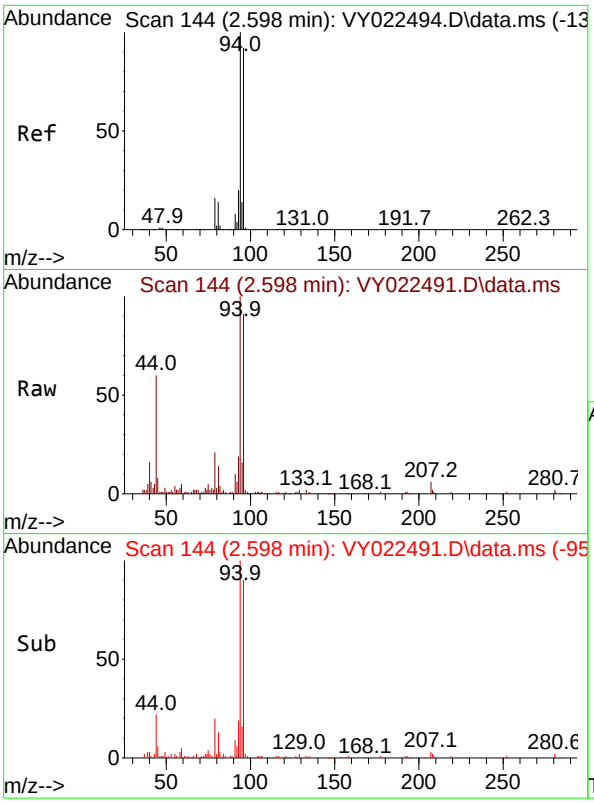


#4
Vinyl Chloride
Concen: 4.544 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 62 Resp: 27572

Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.3	37.9

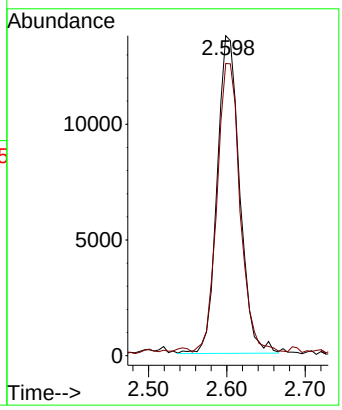




#5
Bromomethane
Concen: 4.784 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 94 Resp: 2745

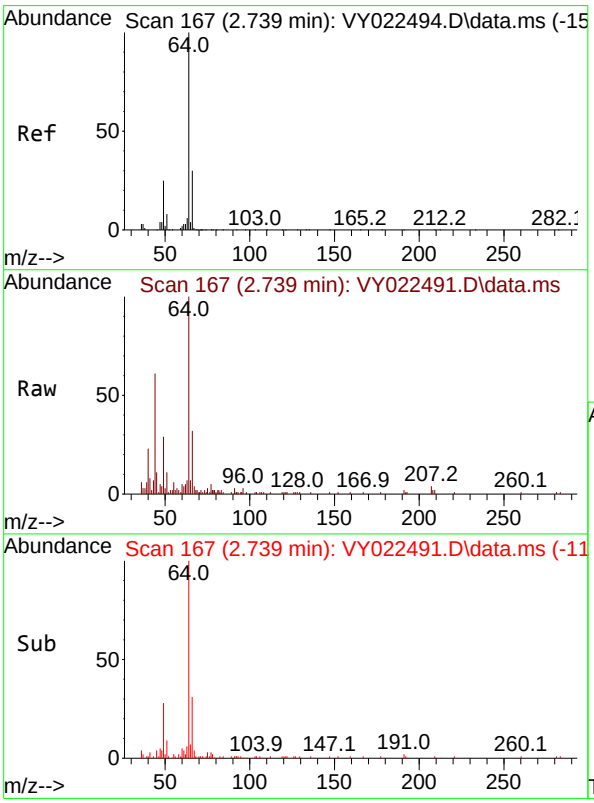
Ion	Ratio	Lower	Upper
94	100		
96	90.5	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

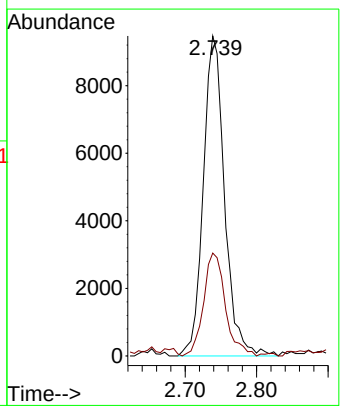
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

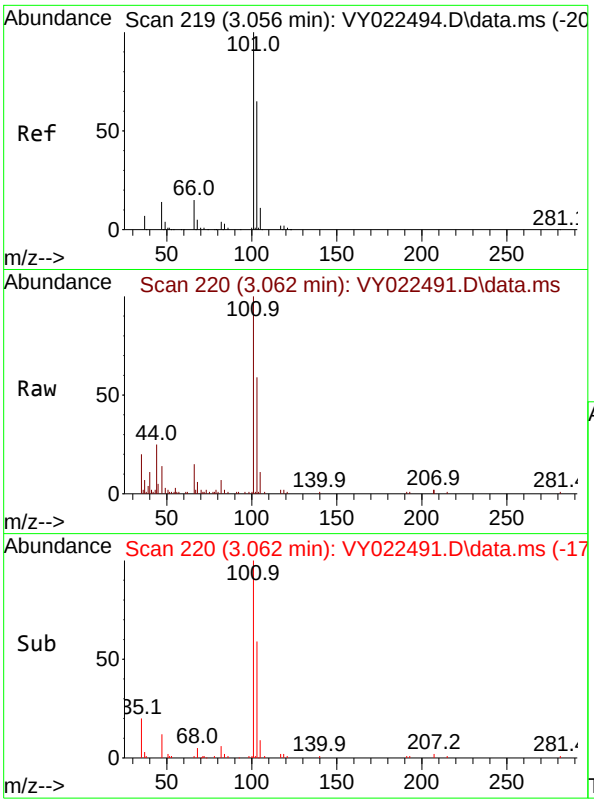


#6
Chloroethane
Concen: 4.710 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 64 Resp: 19566

Ion	Ratio	Lower	Upper
64	100		
66	32.1	23.8	35.6

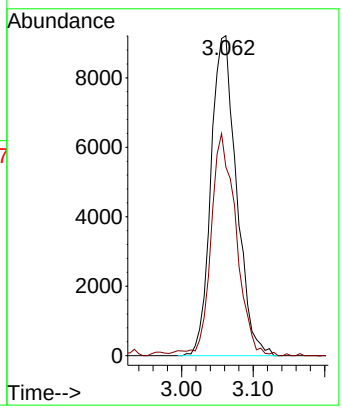




#7
Trichlorofluoromethane
Concen: 4.428 ug/l
RT: 3.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:101 Resp: 2282

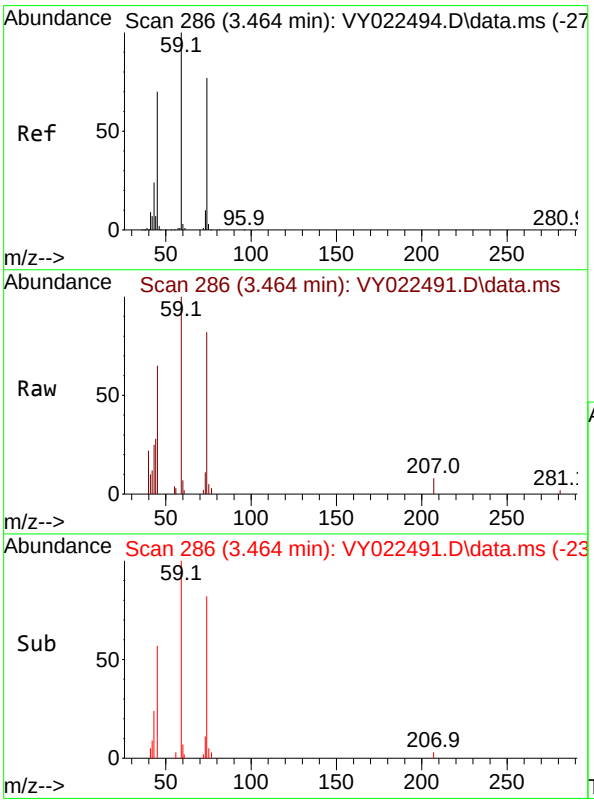
Ion	Ratio	Lower	Upper
101	100		
103	59.0	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

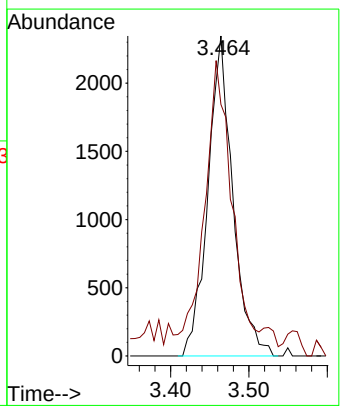
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

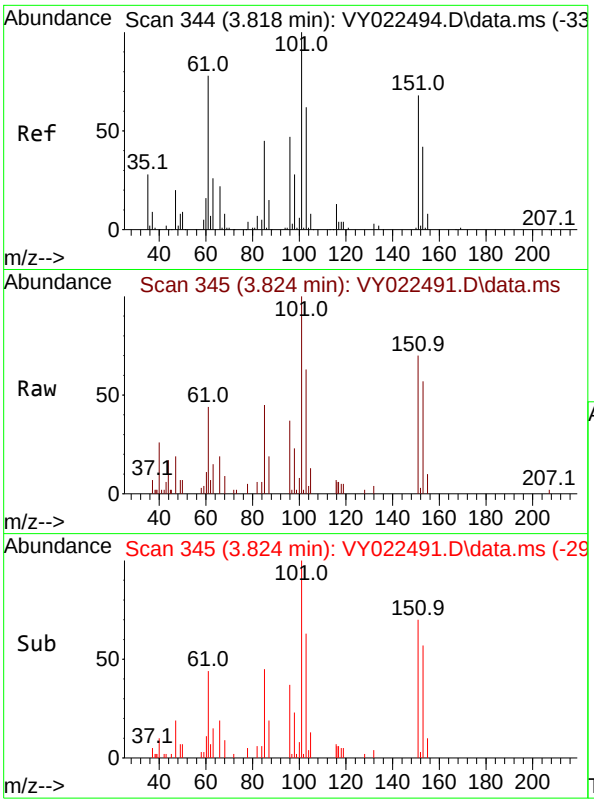


#8
Diethyl Ether
Concen: 4.553 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 74 Resp: 5184

Ion	Ratio	Lower	Upper
74	100		
45	98.9	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.744 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

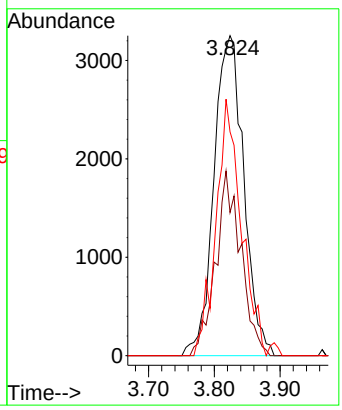
Tgt Ion:101 Resp: 1025

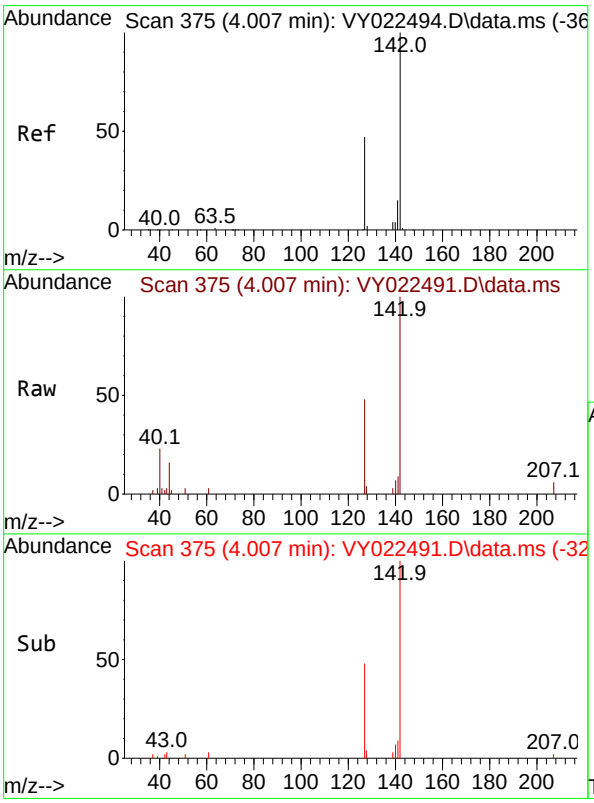
Ion	Ratio	Lower	Upper
101	100		
85	48.8	39.3	58.9
151	67.9	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

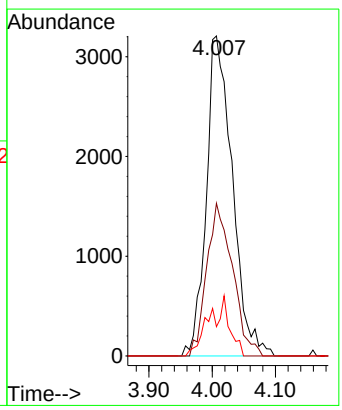


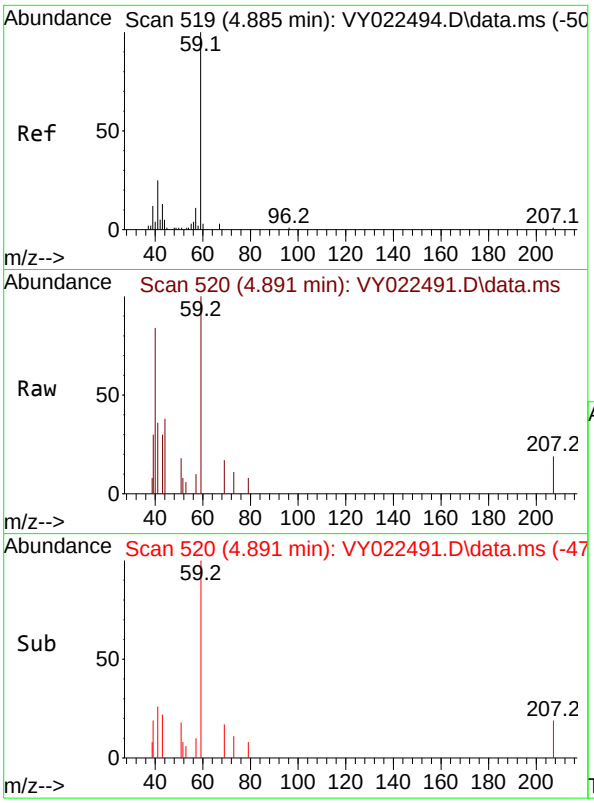


#10
Methyl Iodide
Concen: 3.956 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:142 Resp: 9174

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.1	55.7
141	7.8	11.4	17.2#

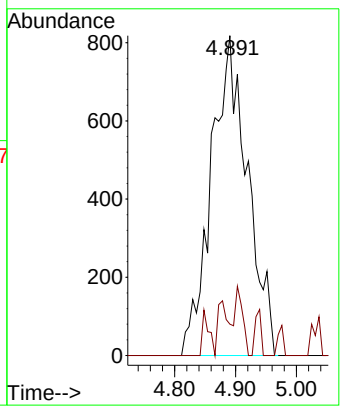




#11
Tert butyl alcohol
Concen: 21.587 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 59 Resp: 337

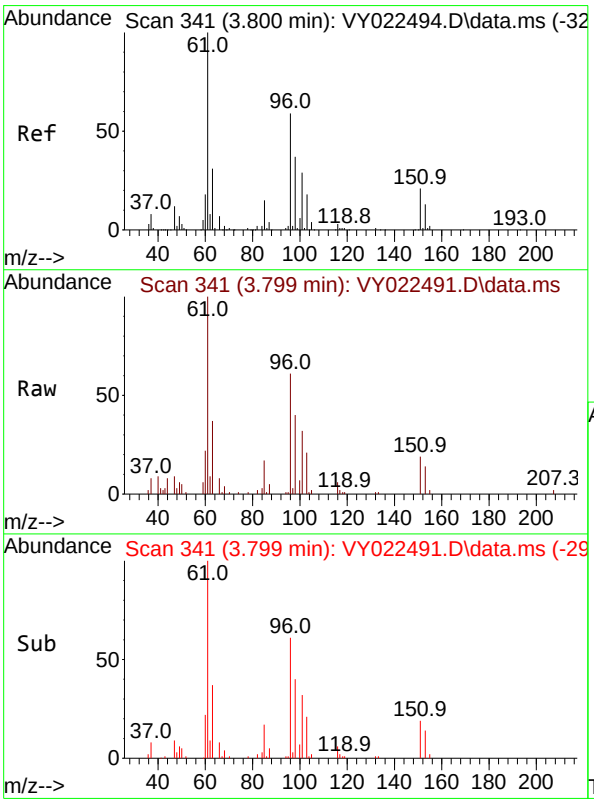
Ion	Ratio	Lower	Upper
59	100		
57	5.6	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

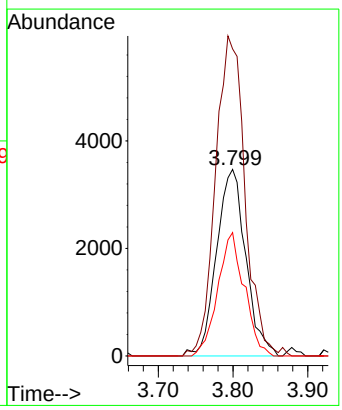
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

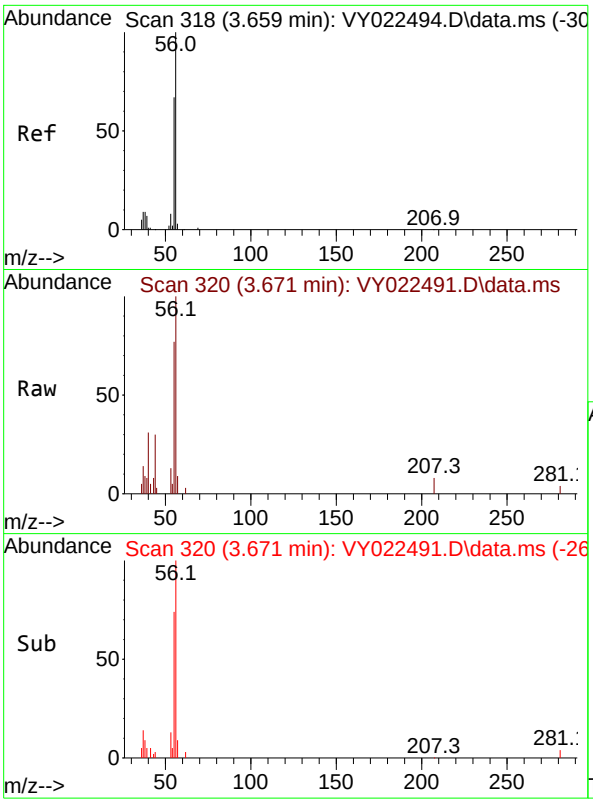


#12
1,1-Dichloroethene
Concen: 4.573 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 96 Resp: 9440

Ion	Ratio	Lower	Upper
96	100		
61	164.6	134.6	201.8
98	66.2	50.2	75.4

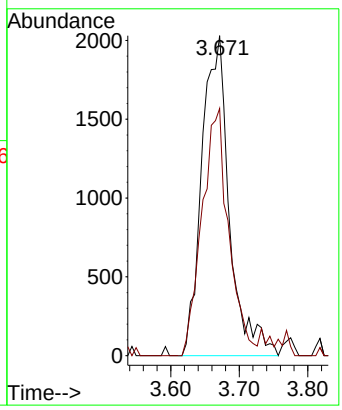




#13
Acrolein
Concen: 29.646 ug/l
RT: 3.671 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 56 Resp: 565

Ion	Ratio	Lower	Upper
56	100		
55	75.3	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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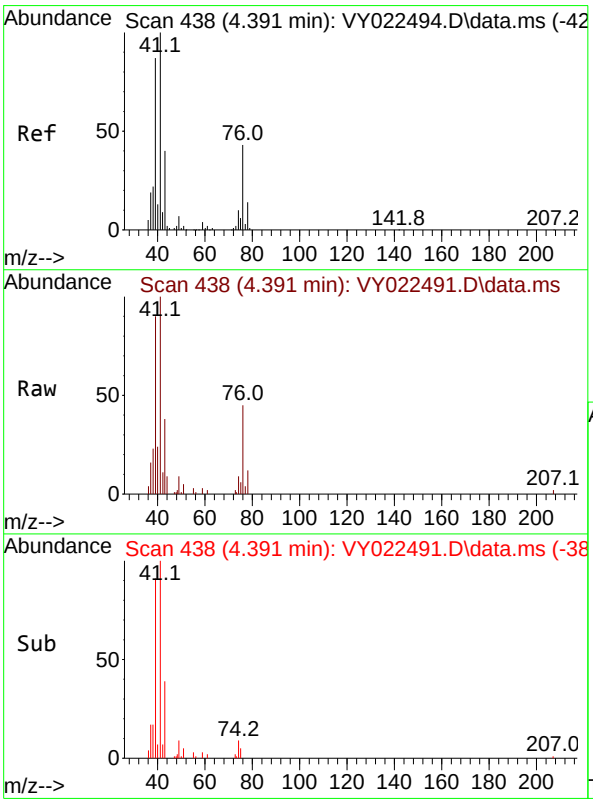
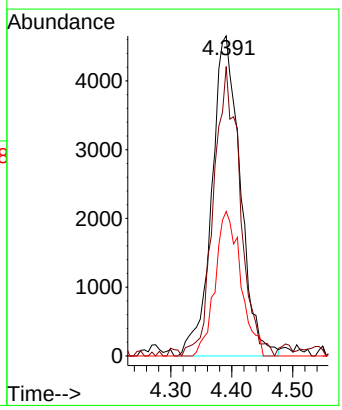
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

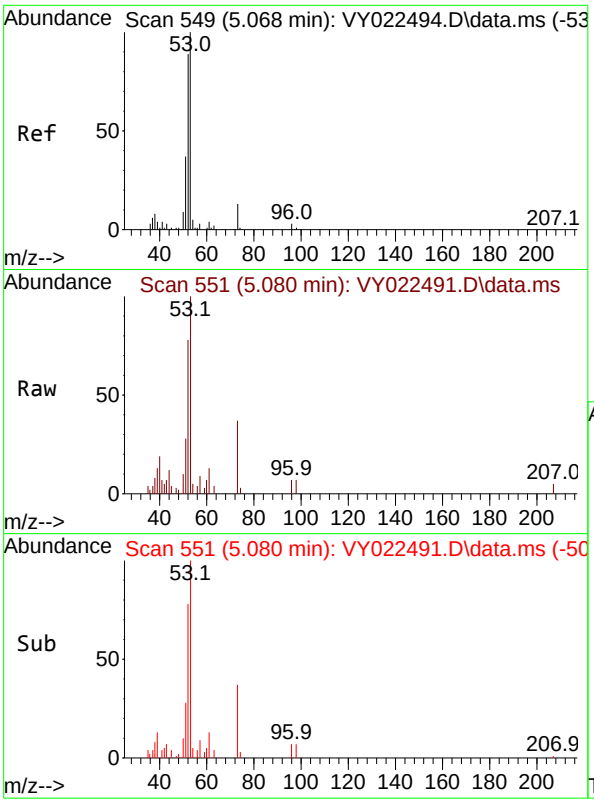


#14
Allyl chloride
Concen: 4.693 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 41 Resp: 15096

Ion	Ratio	Lower	Upper
41	100		
39	84.0	69.1	103.7
76	40.8	33.5	50.3

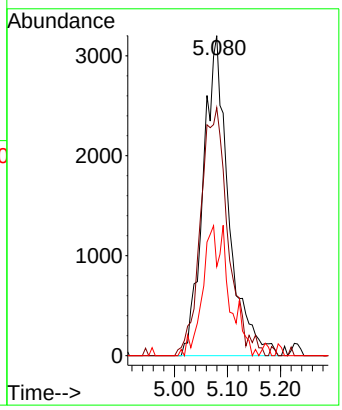




#15
Acrylonitrile
Concen: 22.026 ug/l
RT: 5.080 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 53 Resp: 1066

Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.7	98.5
51	41.4	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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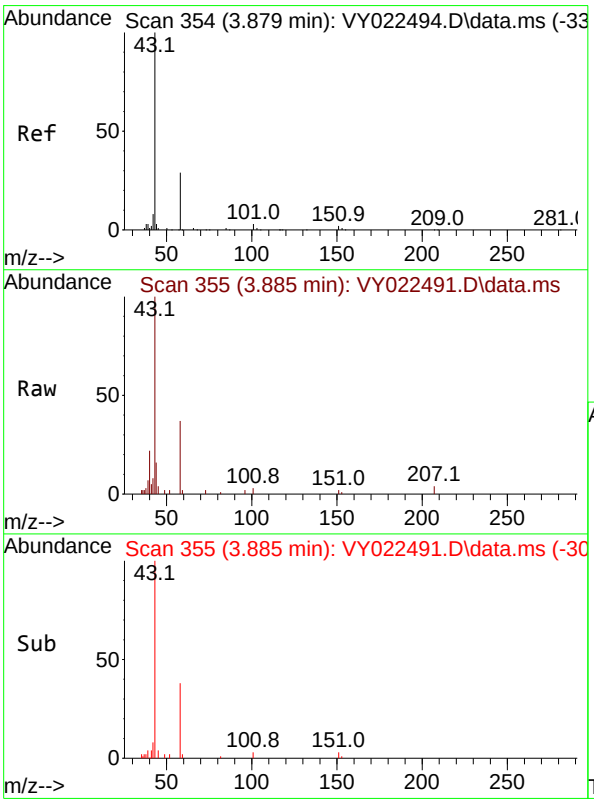
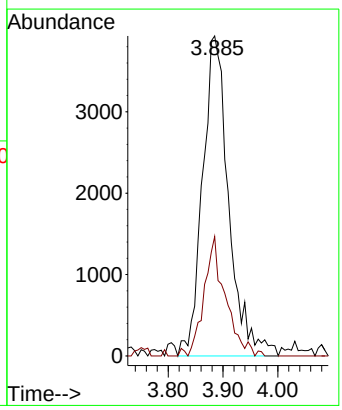
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

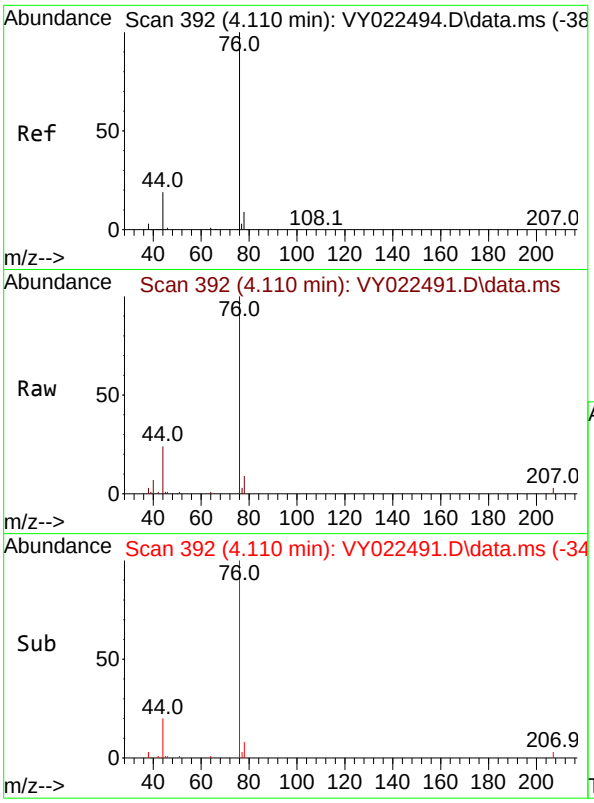


#16
Acetone
Concen: 30.108 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 13023

Ion	Ratio	Lower	Upper
43	100		
58	37.3	24.0	36.0#

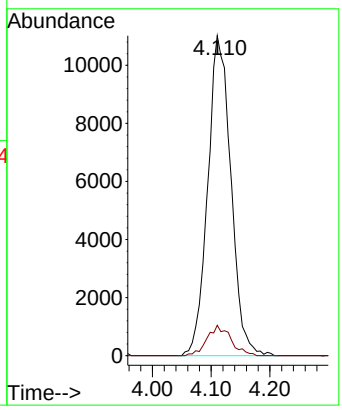




#17
Carbon Disulfide
Concen: 4.586 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 76 Resp: 3022

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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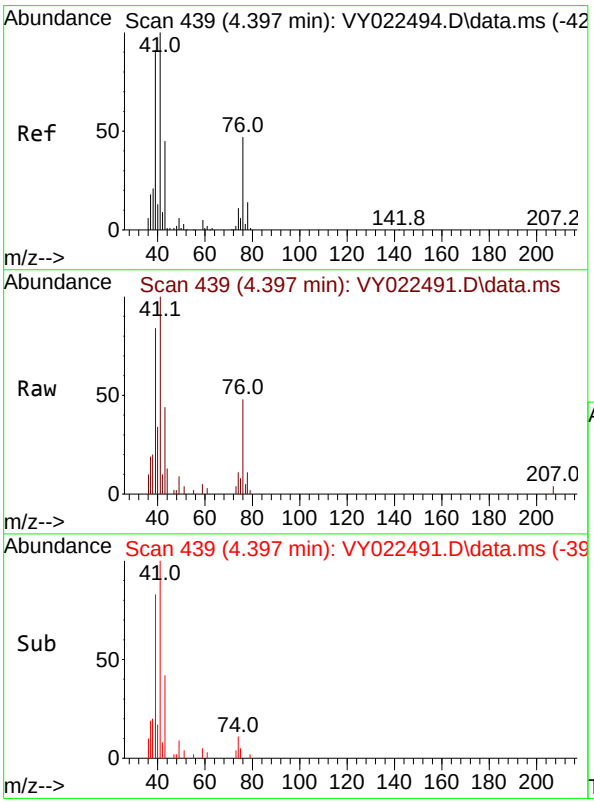
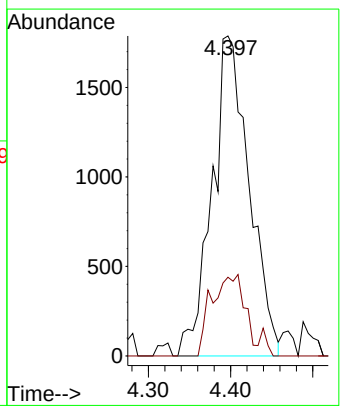
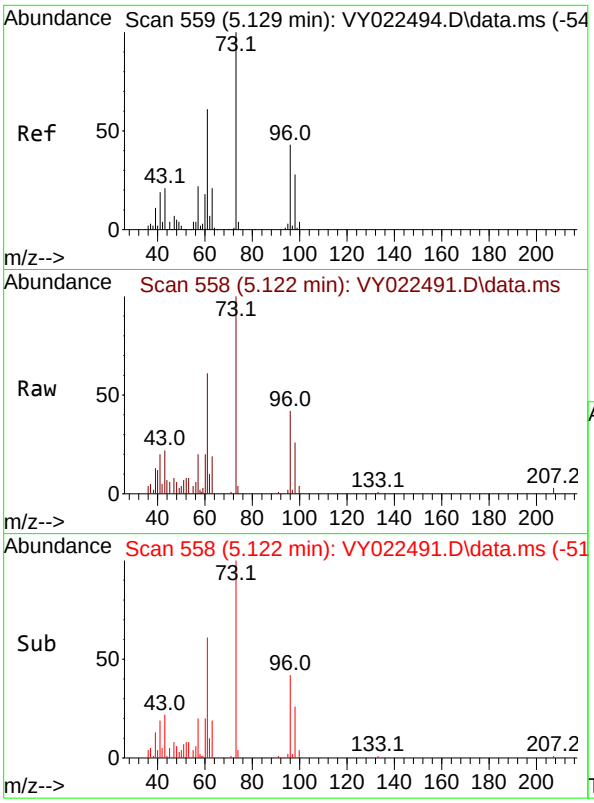


#18
Methyl Acetate
Concen: 4.327 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 5630

Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.8	29.6

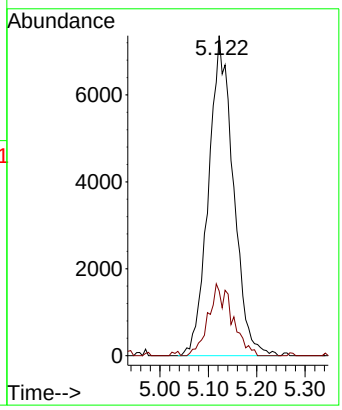




#19
Methyl tert-butyl Ether
Concen: 4.562 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 73 Resp: 2627

Ion	Ratio	Lower	Upper
73	100		
57	20.2	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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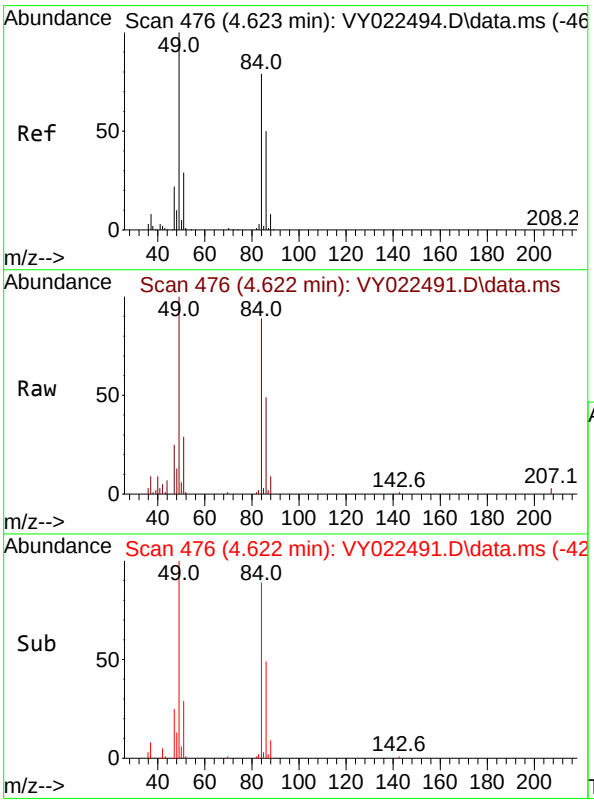
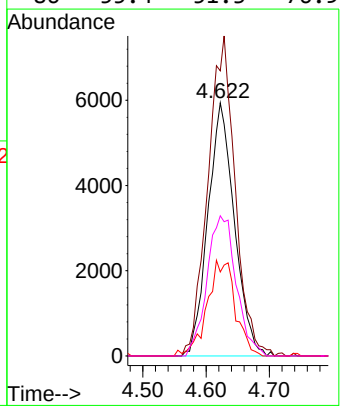
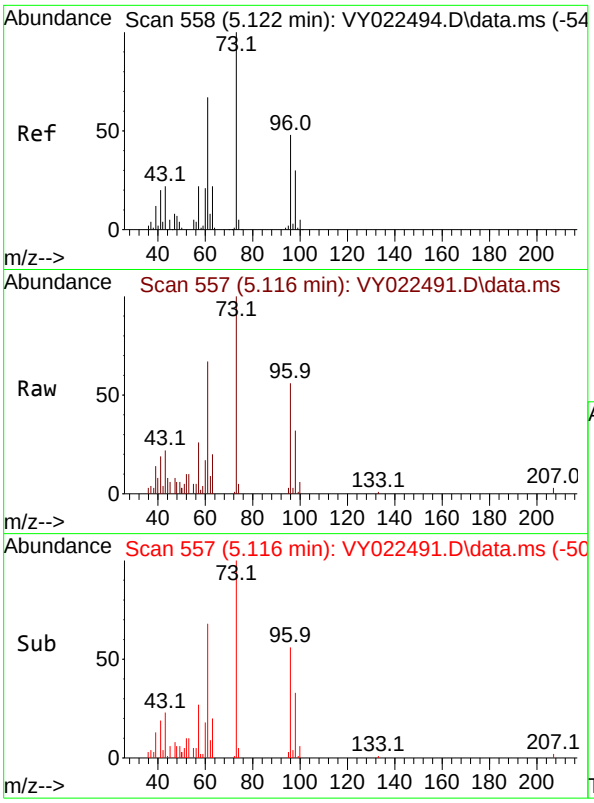


#20
Methylene Chloride
Concen: 7.168 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 84 Resp: 17312

Ion	Ratio	Lower	Upper
84	100		
49	112.6	101.9	152.9
51	33.2	29.8	44.8
86	55.4	51.3	76.9

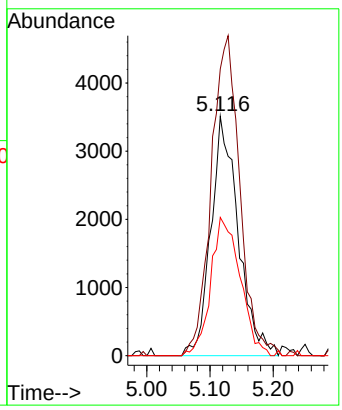




#21
trans-1,2-Dichloroethene
Concen: 4.549 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 96 Resp: 1048

Ion	Ratio	Lower	Upper
96	100		
61	119.8	112.6	169.0
98	57.7	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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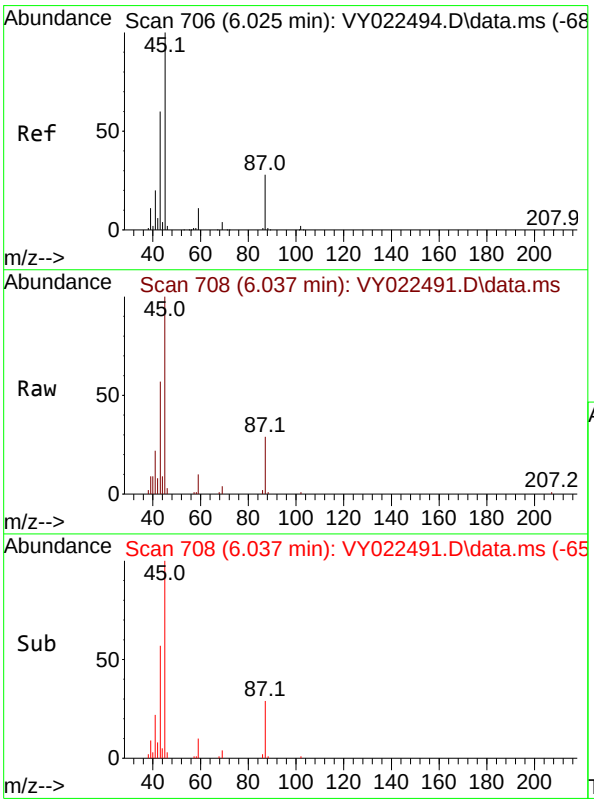
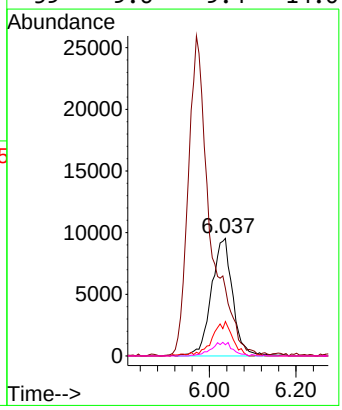
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

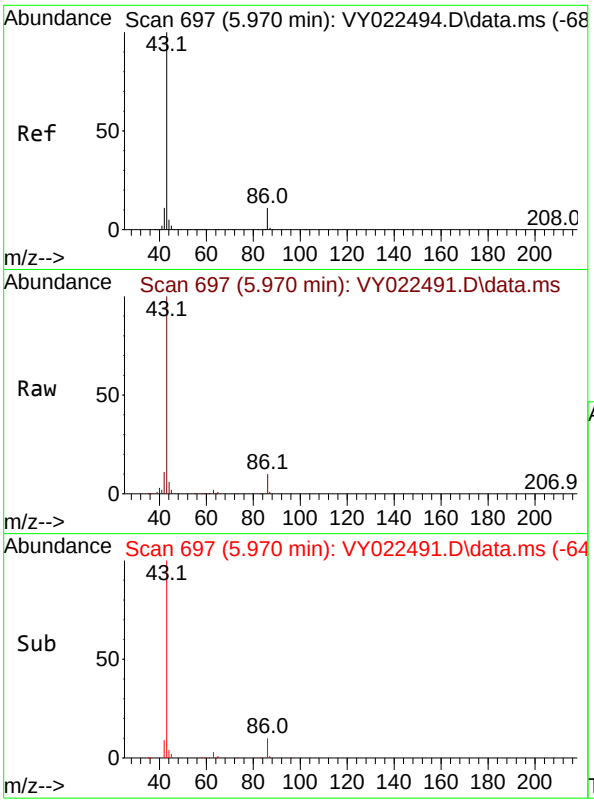


#22
Diisopropyl ether
Concen: 4.544 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 45 Resp: 32497

Ion	Ratio	Lower	Upper
45	100		
43	55.1	48.3	72.5
87	29.3	23.0	34.6
59	9.6	9.4	14.0





#23
Vinyl Acetate
Concen: 21.559 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 9147

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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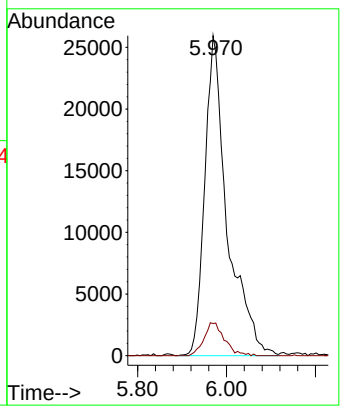
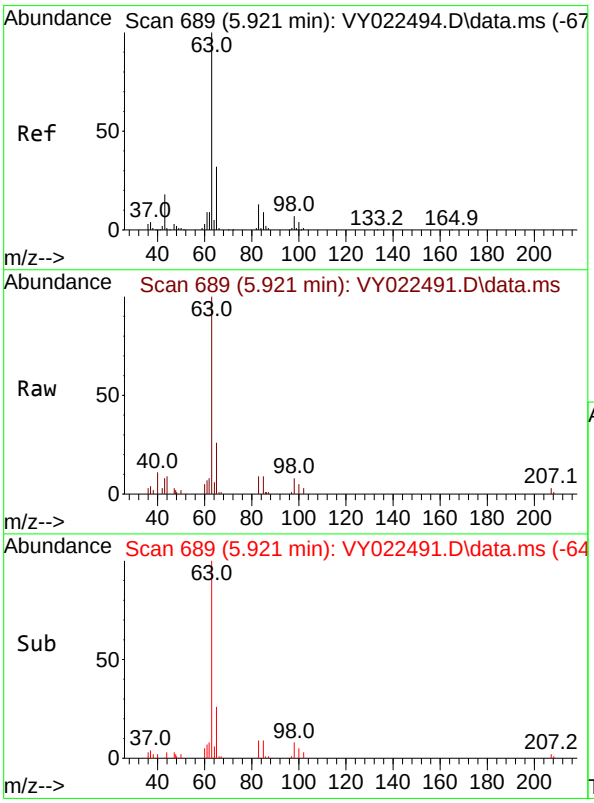
Supervised By :Mahesh Dadoda 06/03/2025

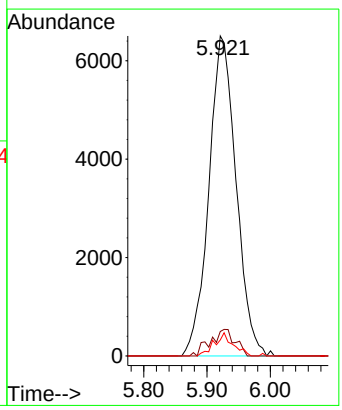


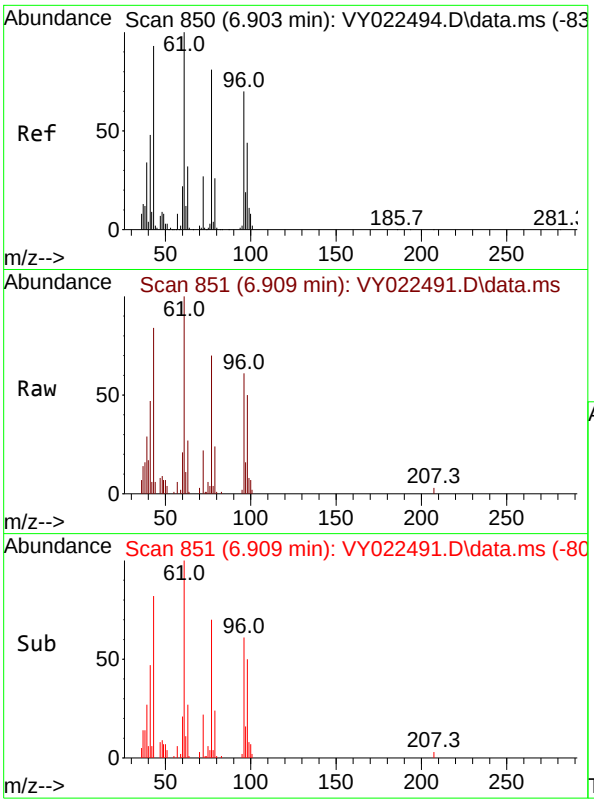


#24
1,1-Dichloroethane
Concen: 4.603 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 63 Resp: 19460

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.4	10.1
100	5.0	2.1	6.3

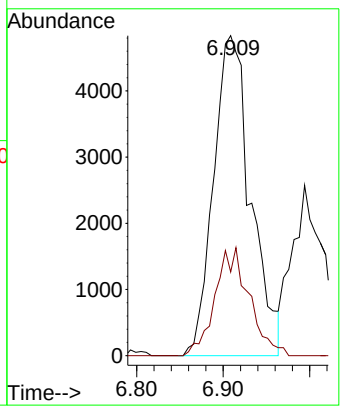




#25
2-Butanone
Concen: 22.605 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 1442

Ion	Ratio	Lower	Upper
43	100		
72	26.2	22.9	34.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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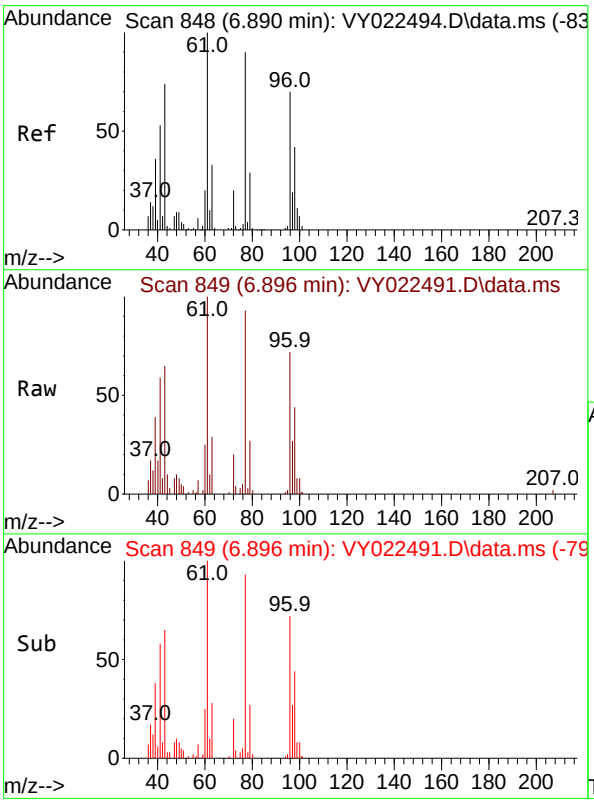
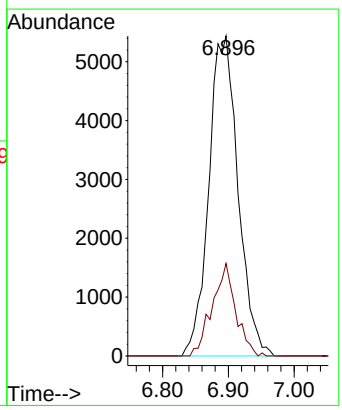
Supervised By :Mahesh Dadoda 06/03/2025

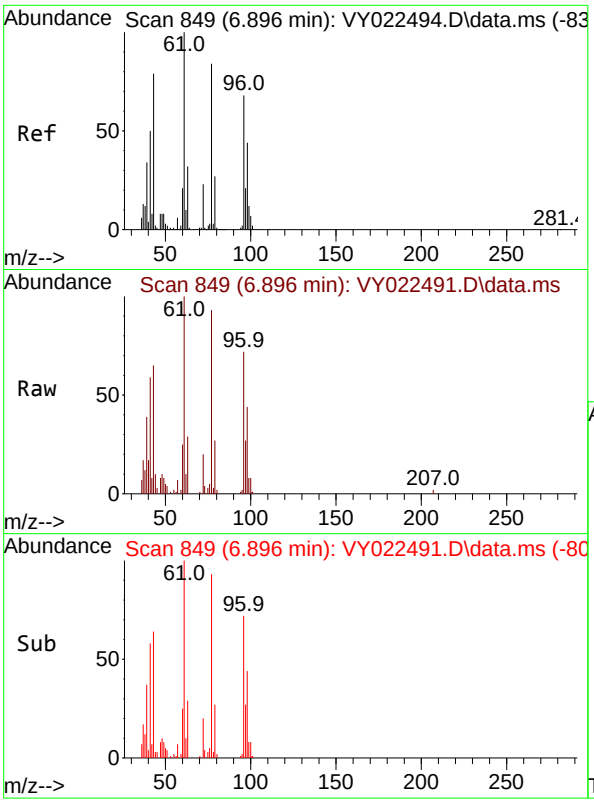


#26
2,2-Dichloropropane
Concen: 4.471 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 77 Resp: 16805

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.4	34.2

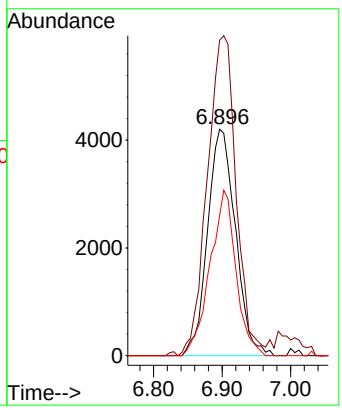




#27
cis-1,2-Dichloroethene
Concen: 4.467 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 96 Resp: 1190

Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	290.0
98	67.8	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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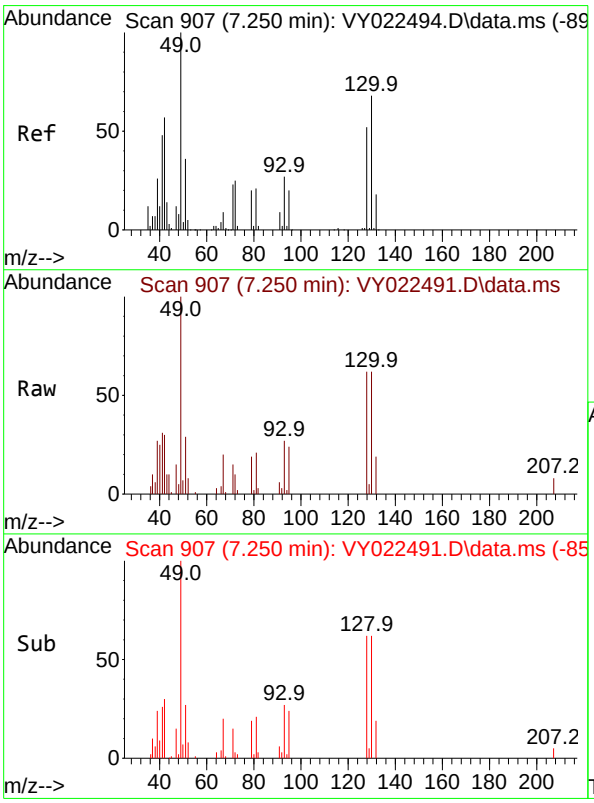
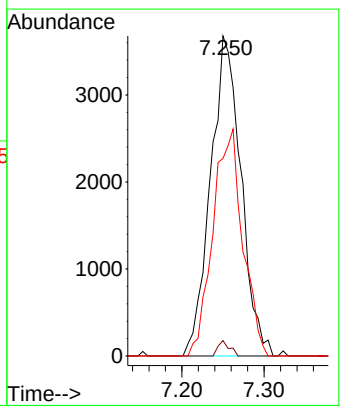
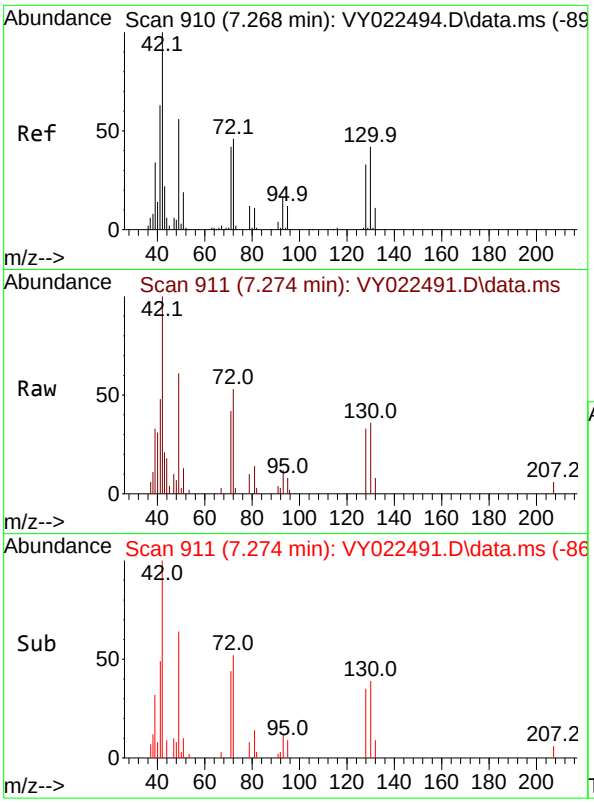


#28
Bromochloromethane
Concen: 5.175 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 49 Resp: 9453

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.5	55.7	83.5

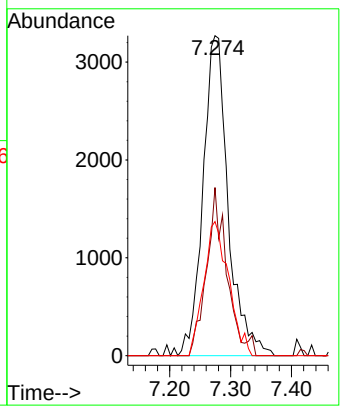




#29
Tetrahydrofuran
Concen: 22.781 ug/l
RT: 7.274 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 42 Resp: 937

Ion	Ratio	Lower	Upper
42	100		
72	41.4	37.4	56.2
71	41.5	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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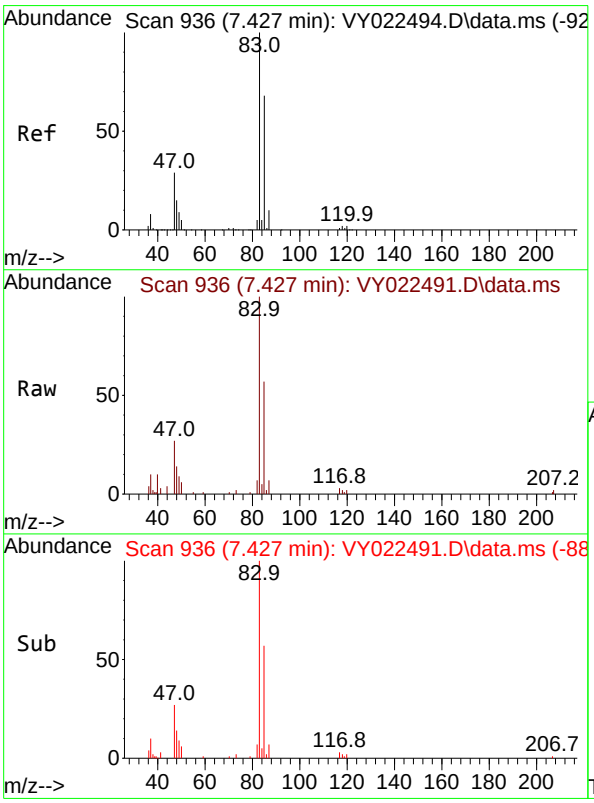
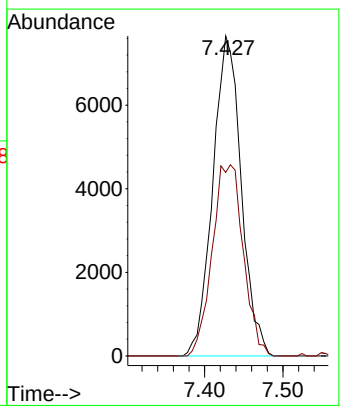
Supervised By :Mahesh Dadoda 06/03/2025

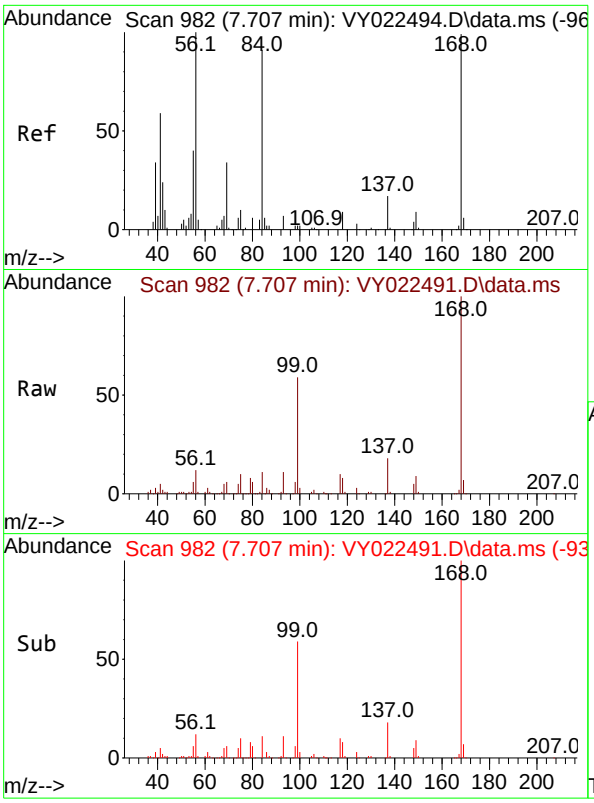


#30
Chloroform
Concen: 4.620 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 83 Resp: 19302

Ion	Ratio	Lower	Upper
83	100		
85	57.4	54.2	81.4

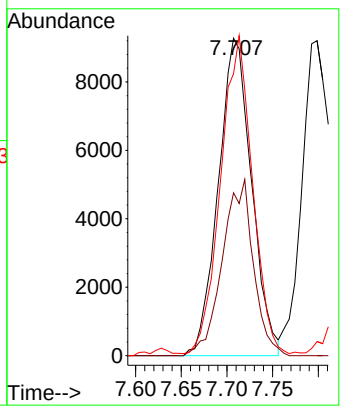




#31
Cyclohexane
Concen: 5.519 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 56 Resp: 2348

Ion	Ratio	Lower	Upper
56	100		
69	51.3	27.0	40.6
84	88.1	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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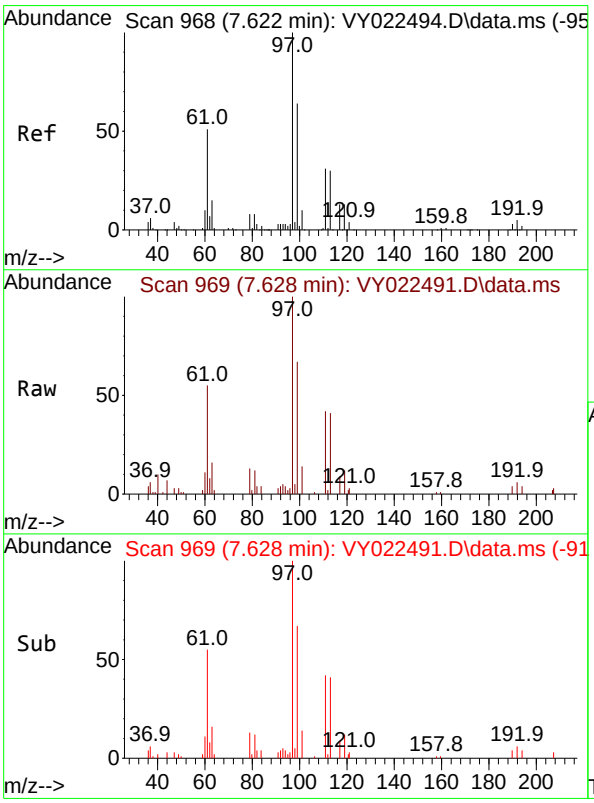
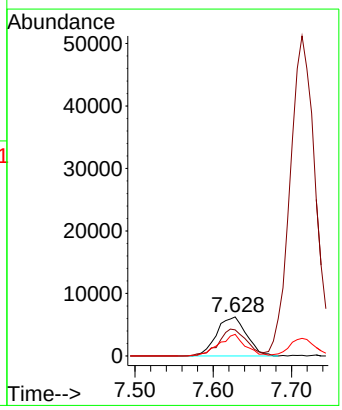
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

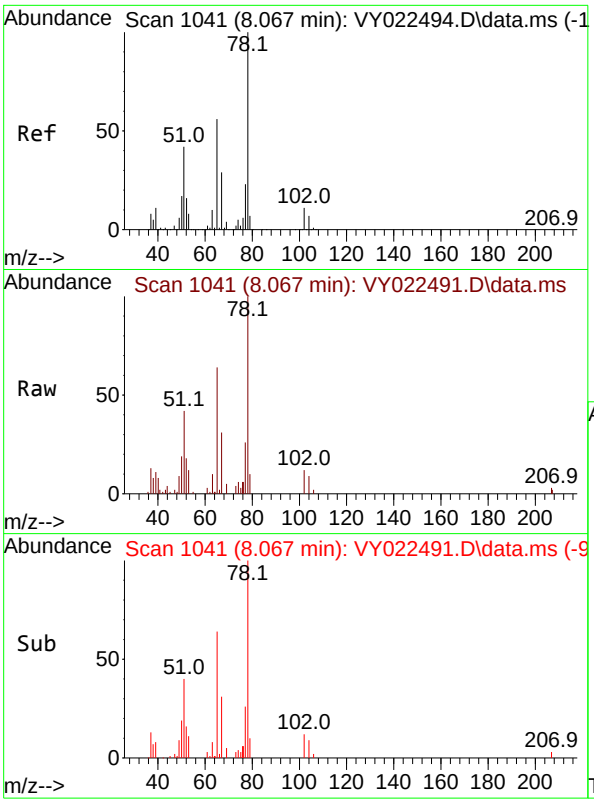


#32
1,1,1-Trichloroethane
Concen: 4.413 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 97 Resp: 16476

Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	48.9	38.5	57.7

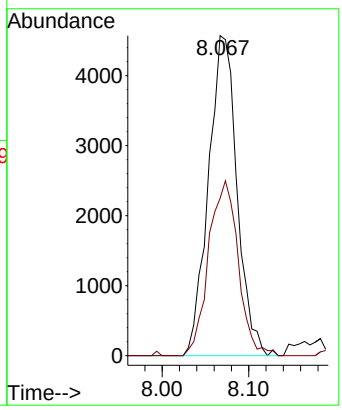




#33
1,2-Dichloroethane-d4
Concen: 4.802 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 65 Resp: 1050

Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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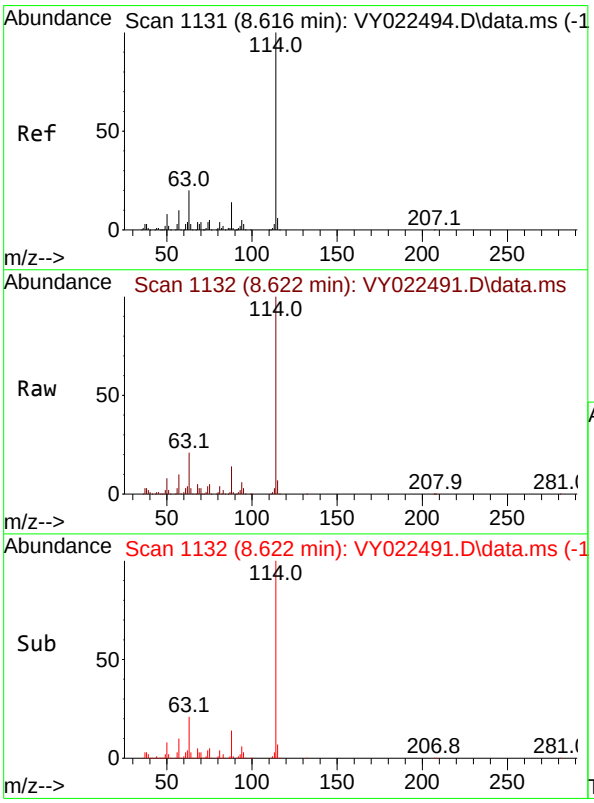
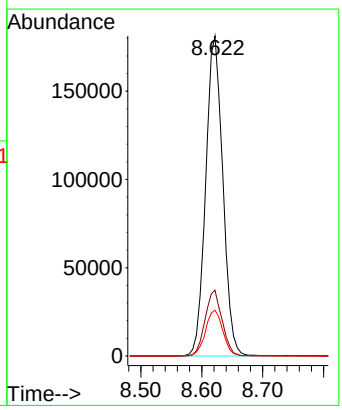
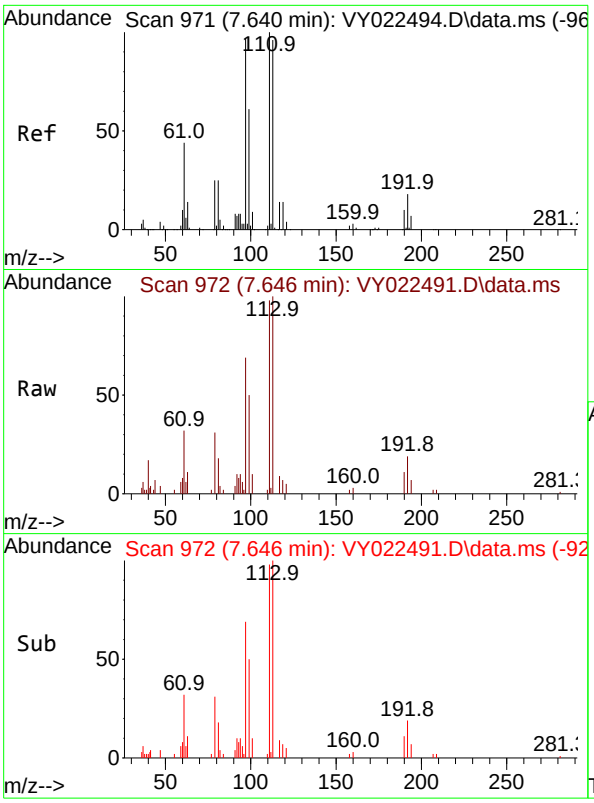


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:114 Resp: 353755

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	14.3	0.0	27.8

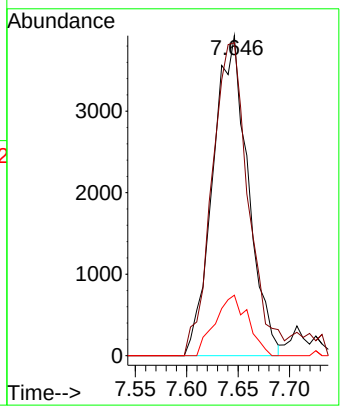




#35
Dibromofluoromethane
Concen: 4.477 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:113 Resp: 932

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	17.8	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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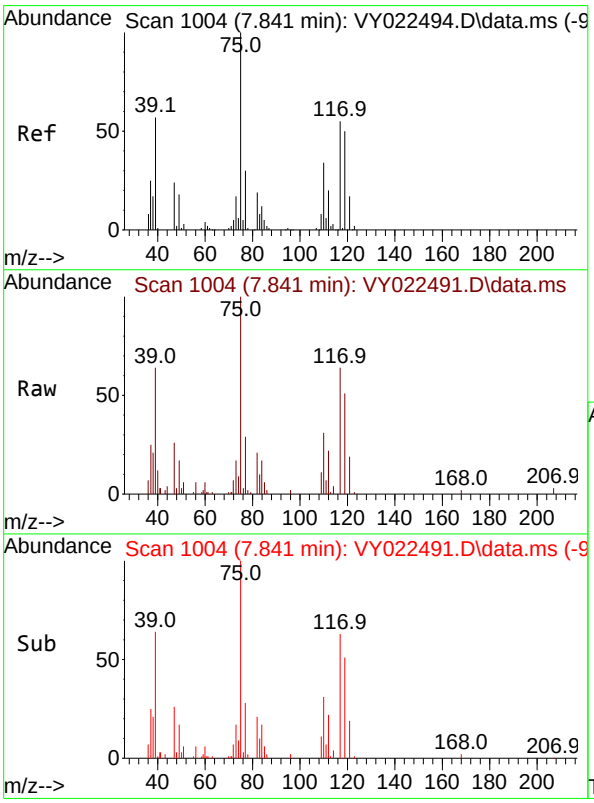
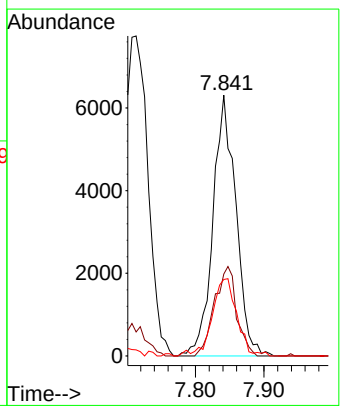
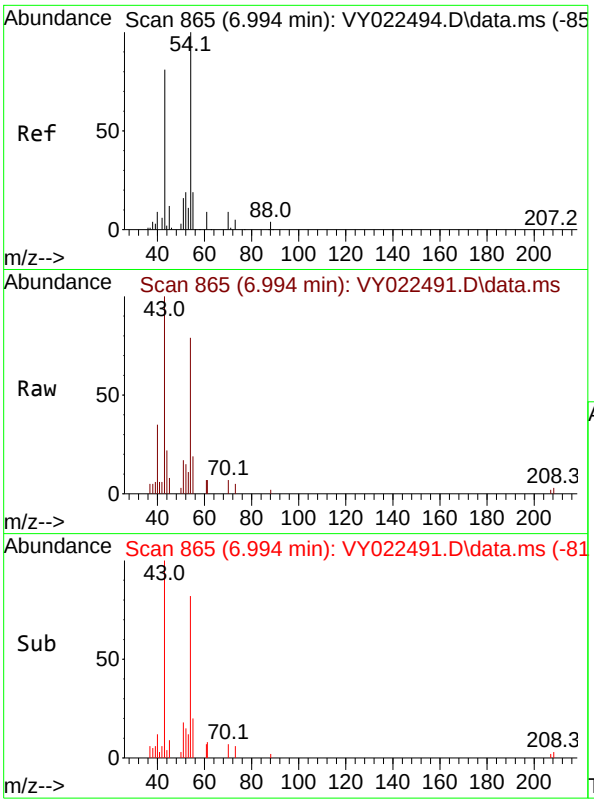


#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 14700

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.9	50.7
77	32.0	24.8	37.2

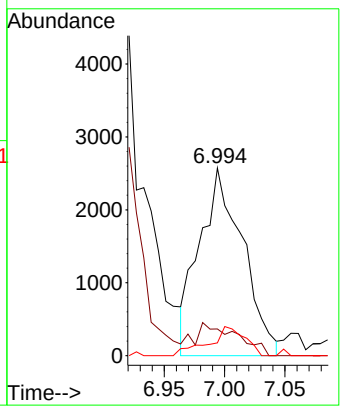




#37
Ethyl Acetate
Concen: 4.326 ug/l m
RT: 6.994 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 640

Ion	Ratio	Lower	Upper
43	100		
61	17.3	11.5	17.3#
70	12.8	7.2	10.8#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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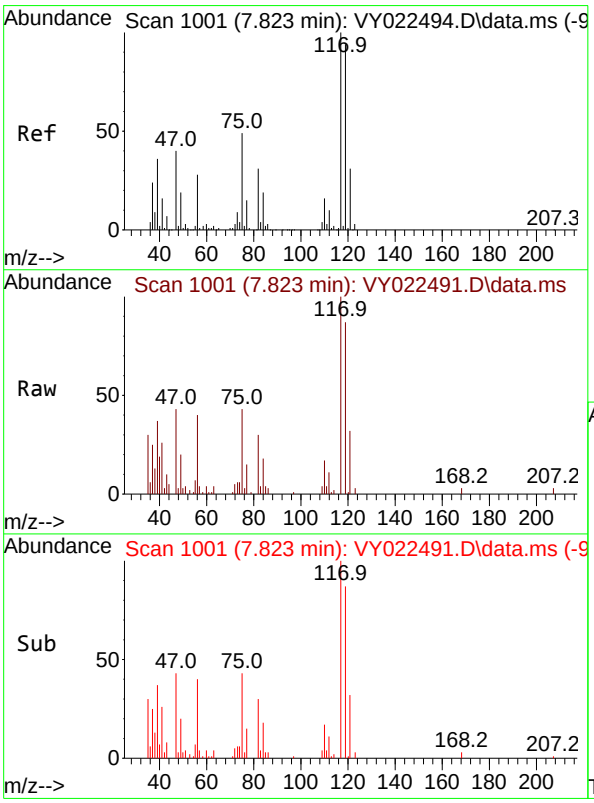
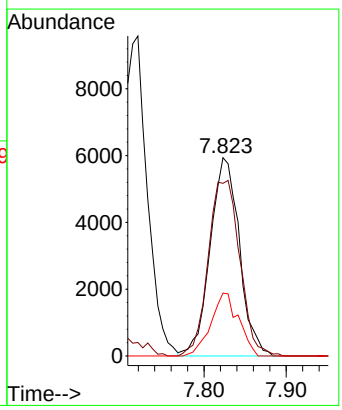
Supervised By :Mahesh Dadoda 06/03/2025

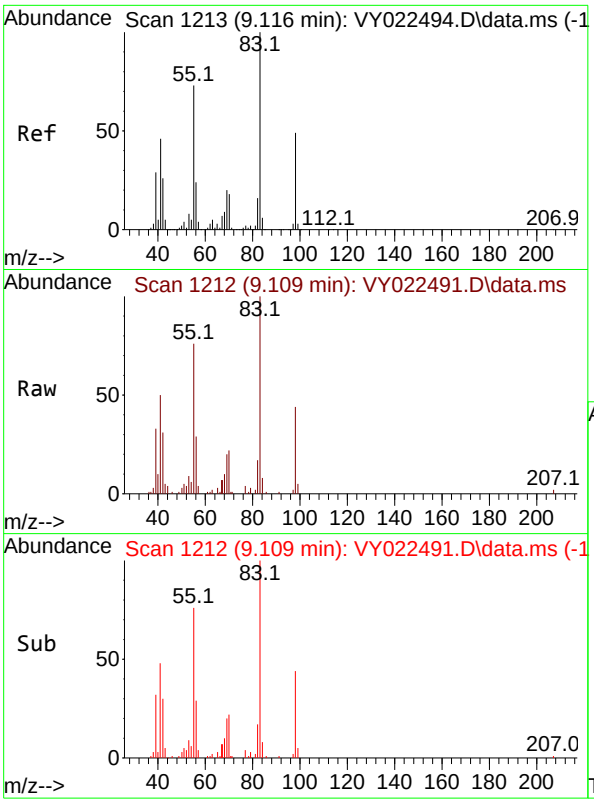


#38
Carbon Tetrachloride
Concen: 4.233 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:117 Resp: 14691

Ion	Ratio	Lower	Upper
117	100		
119	87.1	75.0	112.6
121	31.7	25.0	37.4

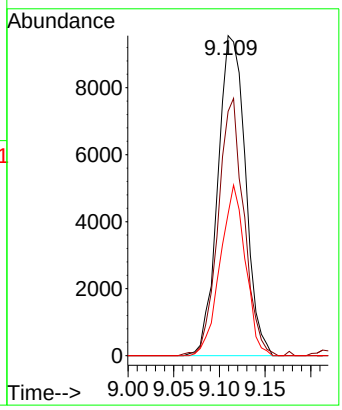




#39
Methylcyclohexane
Concen: 4.415 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 83 Resp: 2007

Ion	Ratio	Lower	Upper
83	100		
55	76.4	58.1	87.1
98	44.4	39.0	58.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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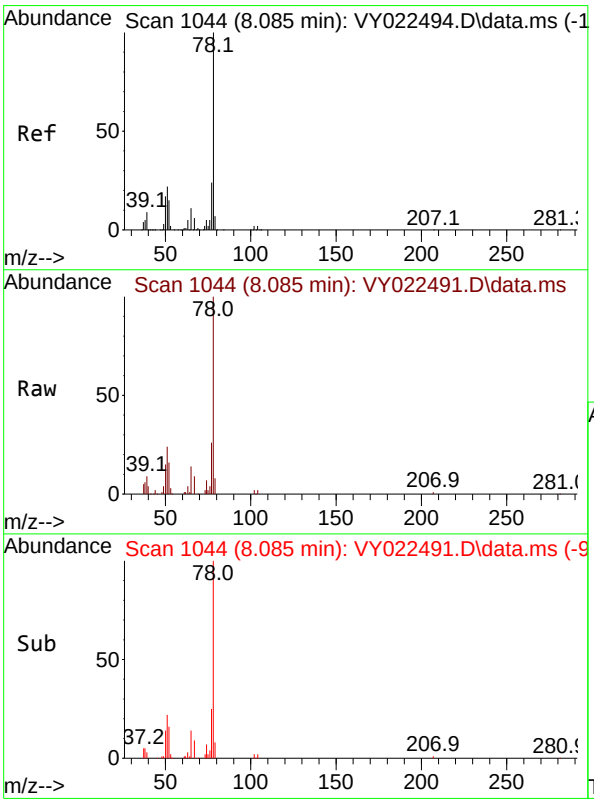
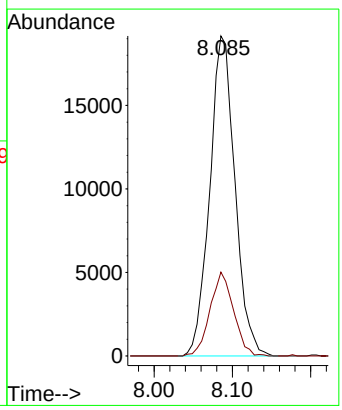
Supervised By :Mahesh Dadoda 06/03/2025

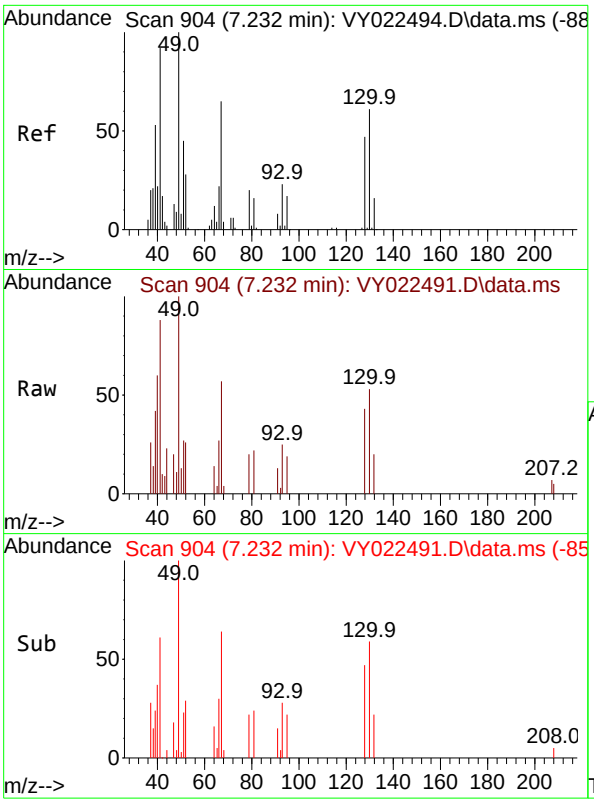


#40
Benzene
Concen: 4.326 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 78 Resp: 42926

Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.3	28.9

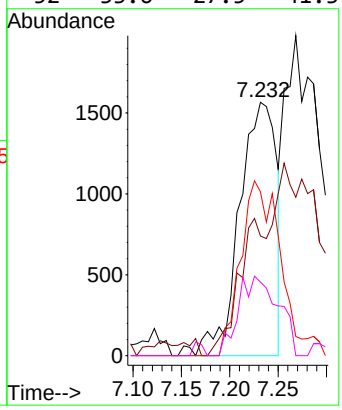




#41
Methacrylonitrile
Concen: 4.394 ug/l
RT: 7.232 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 41 Resp: 419

Ion	Ratio	Lower	Upper
41	100		
39	40.1	46.6	69.8
67	74.0	63.3	94.9
52	33.6	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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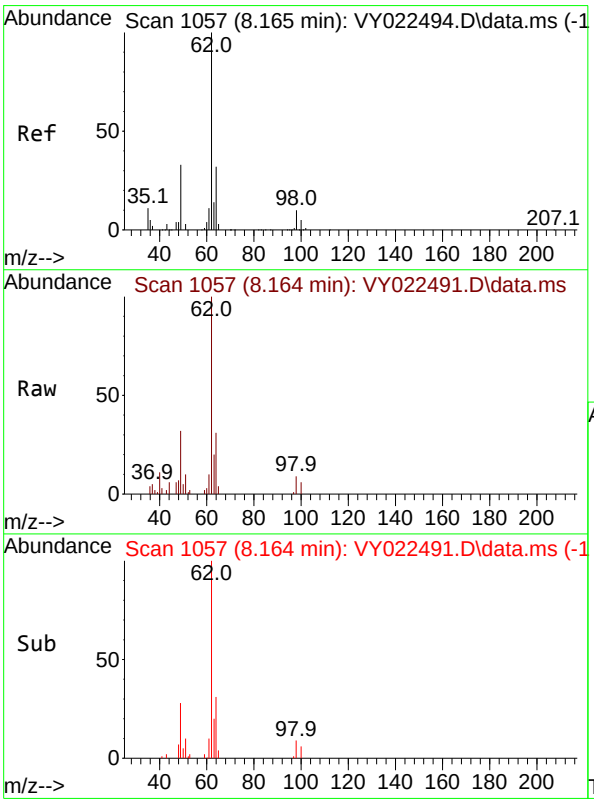
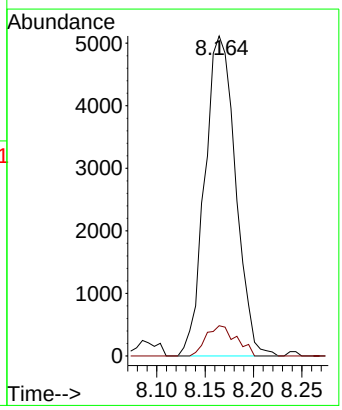
Supervised By :Mahesh Dadoda 06/03/2025

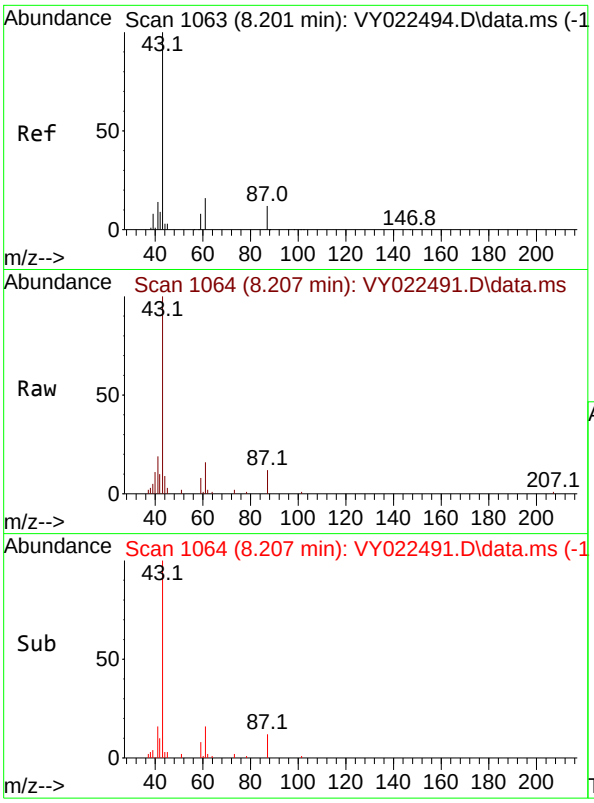


#42
1,2-Dichloroethane
Concen: 4.198 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 62 Resp: 11332

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2

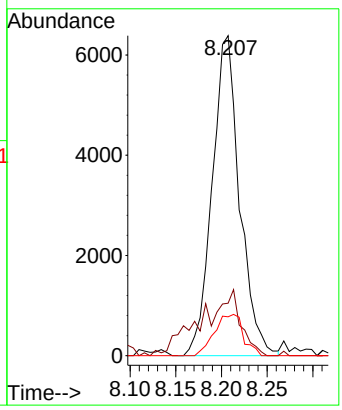




#43
Isopropyl Acetate
Concen: 4.117 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 1333

Ion	Ratio	Lower	Upper
43	100		
61	16.2	15.6	23.4
87	13.6	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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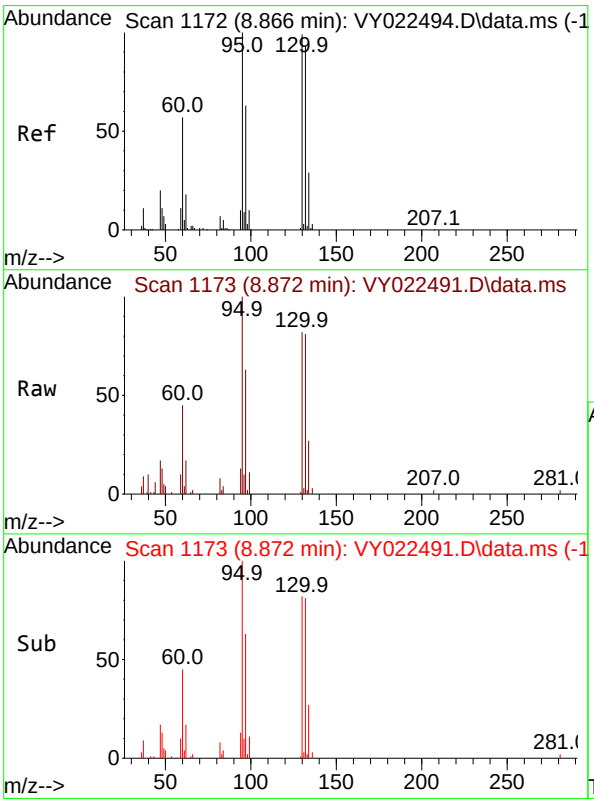
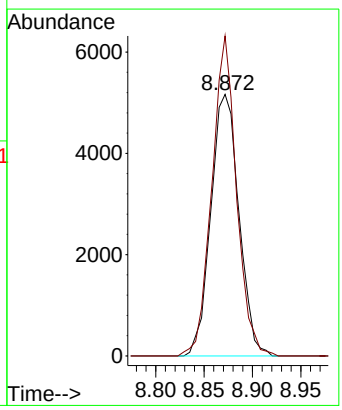
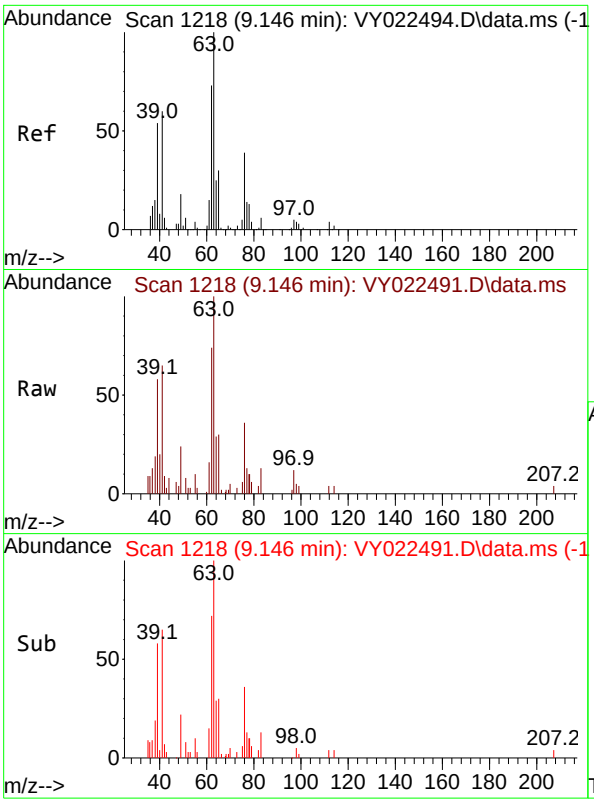


#44
Trichloroethene
Concen: 4.292 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:130 Resp: 10404

Ion	Ratio	Lower	Upper
130	100		
95	122.3	0.0	203.0

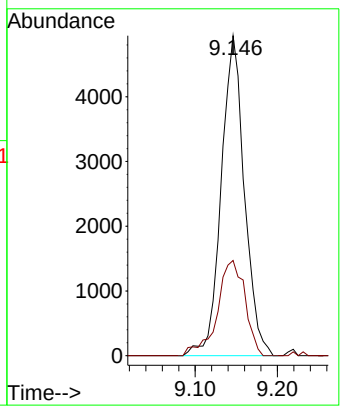




#45
1,2-Dichloropropane
Concen: 4.091 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 63 Resp: 967

Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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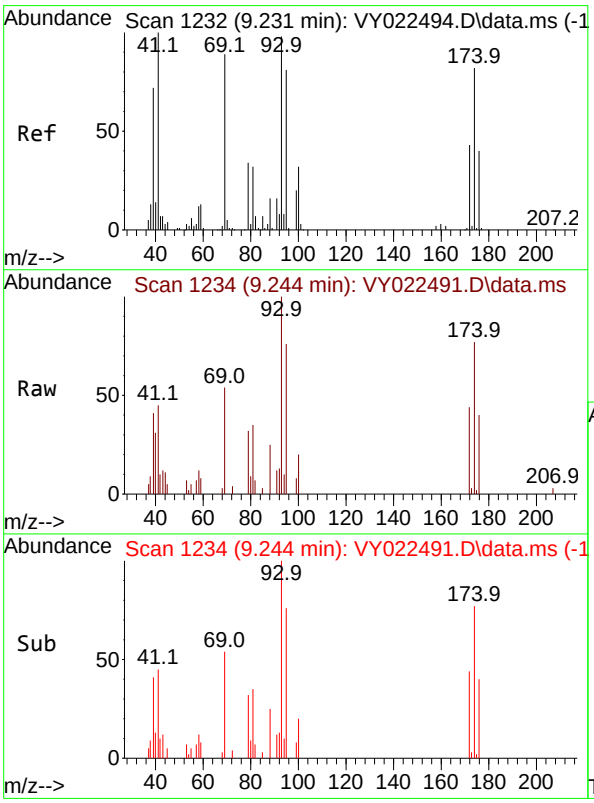
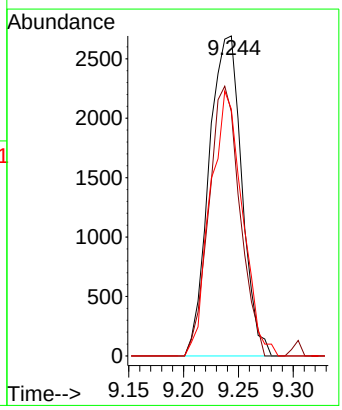
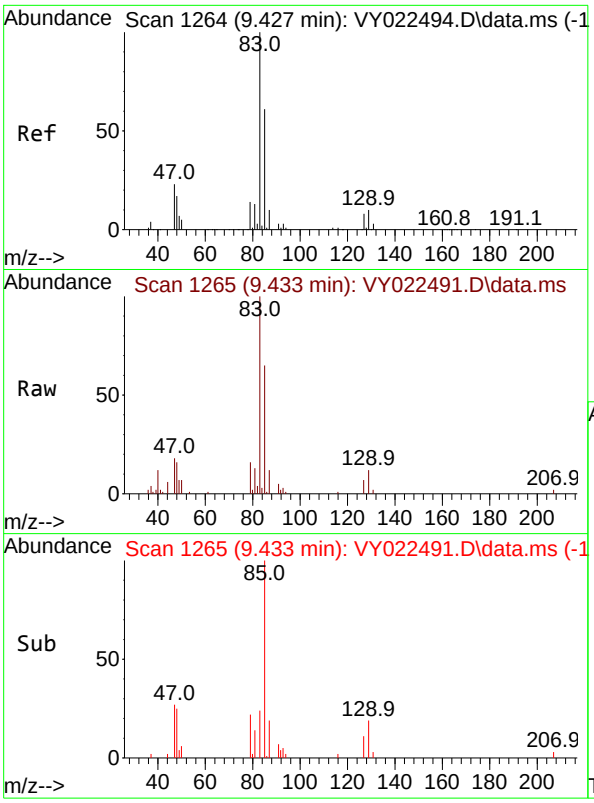


#46
Dibromomethane
Concen: 4.223 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 93 Resp: 5596

Ion	Ratio	Lower	Upper
93	100		
95	79.9	65.6	98.4
174	81.3	70.4	105.6

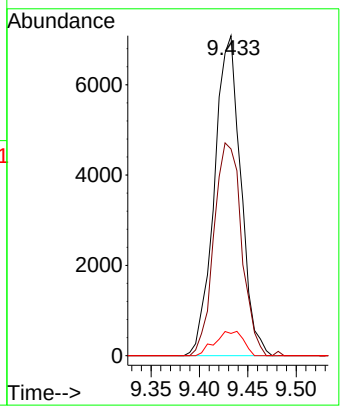




#47
Bromodichloromethane
Concen: 3.999 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 83 Resp: 1344

Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.1	73.7
127	7.0	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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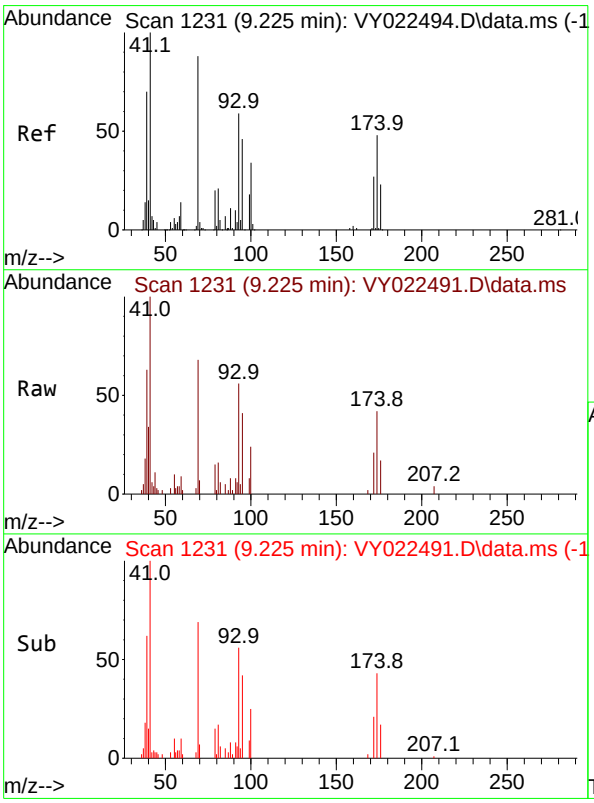
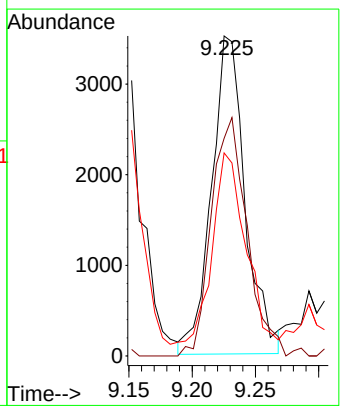
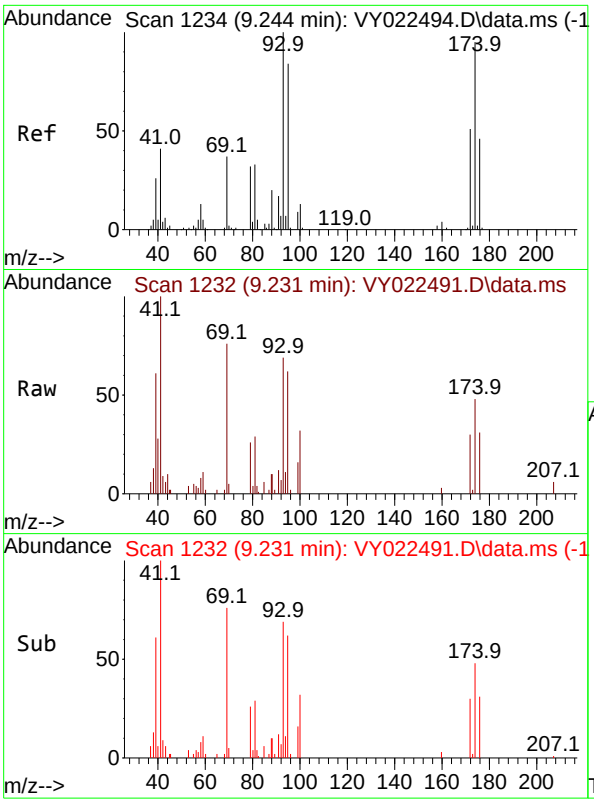


#48
Methyl methacrylate
Concen: 4.374 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 41 Resp: 6483

Ion	Ratio	Lower	Upper
41	100		
69	80.0	67.8	101.8
39	57.3	55.0	82.4

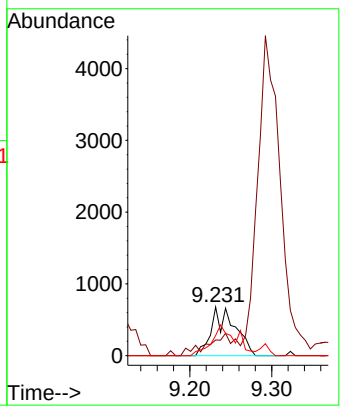




#49
1,4-Dioxane
Concen: 85.767 ug/l m
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 88 Resp: 135

Ion	Ratio	Lower	Upper
88	100		
43	53.1	25.4	38.2
58	65.5	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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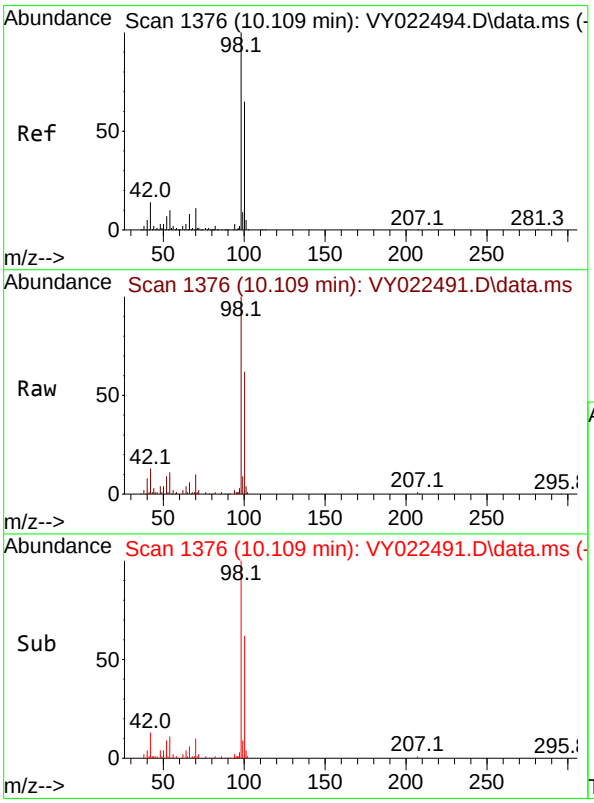
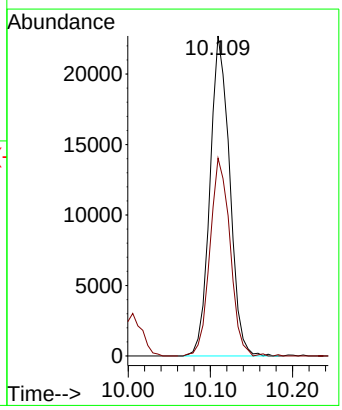
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

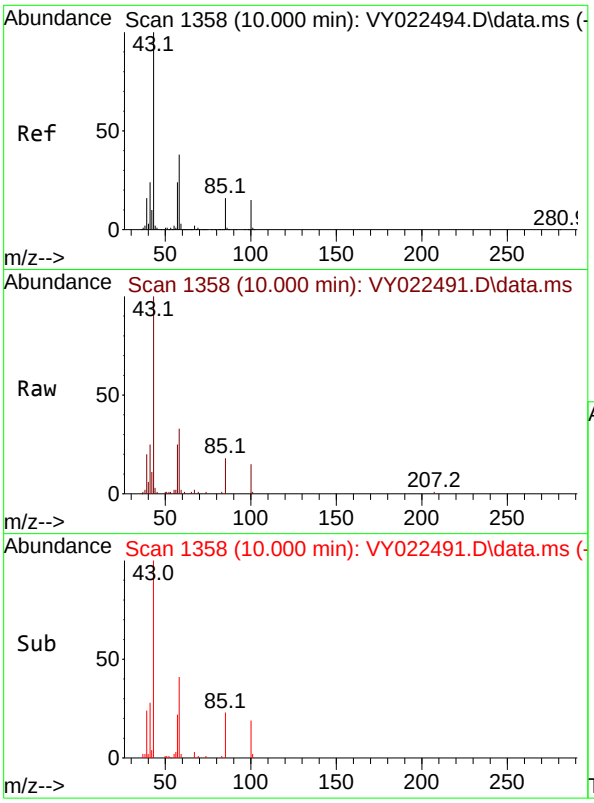


#50
Toluene-d8
Concen: 4.482 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 98 Resp: 37729

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.4	77.0

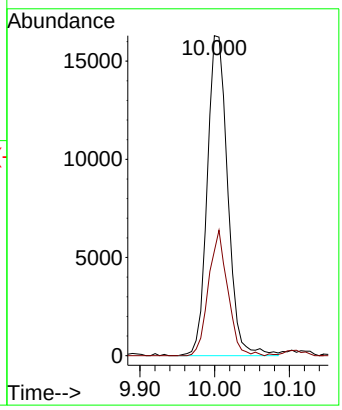




#51
4-Methyl-2-Pentanone
Concen: 19.273 ug/l
RT: 10.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 3096

Ion	Ratio	Lower	Upper
43	100		
58	36.7	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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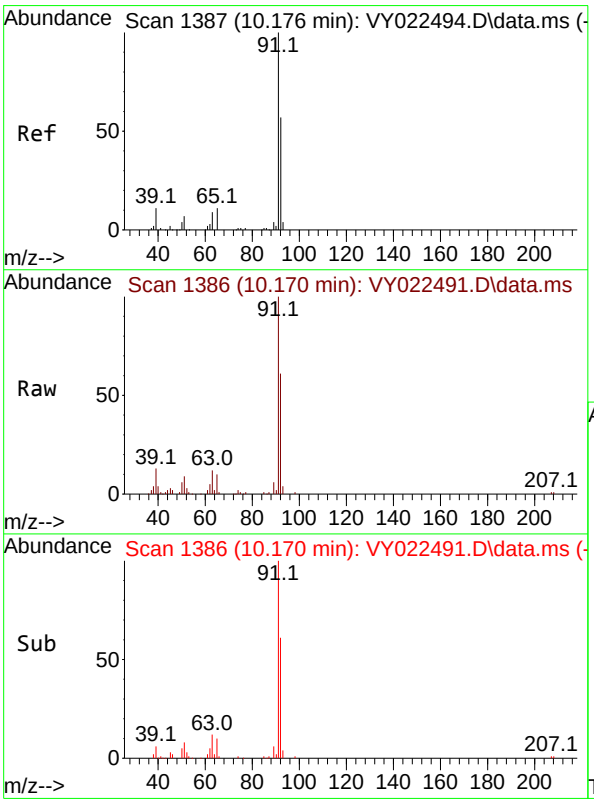
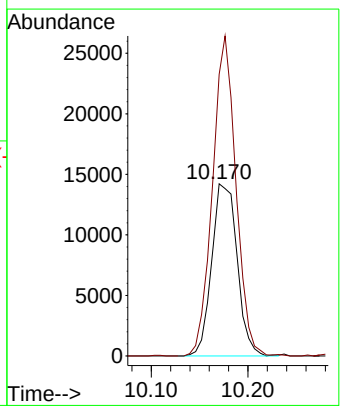
Supervised By :Mahesh Dadoda 06/03/2025

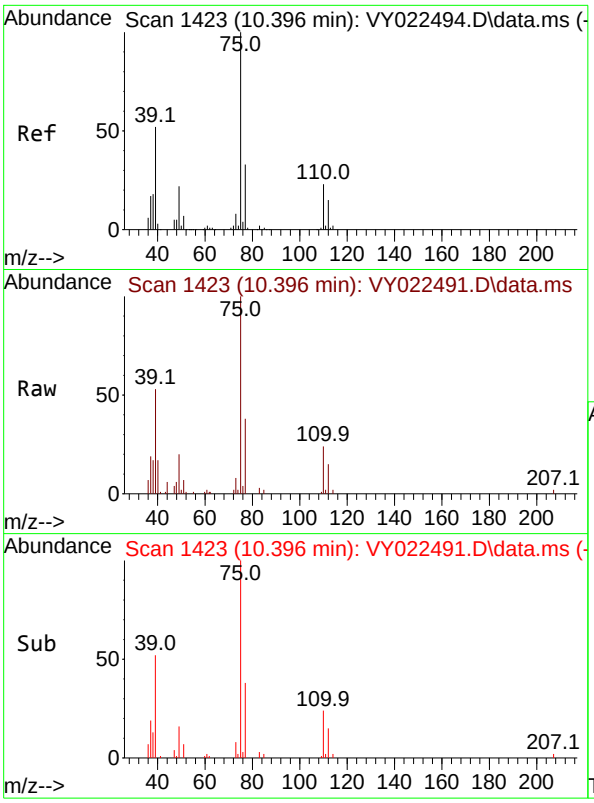


#52
Toluene
Concen: 4.150 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 92 Resp: 25893

Ion	Ratio	Lower	Upper
92	100		
91	171.8	139.0	208.4

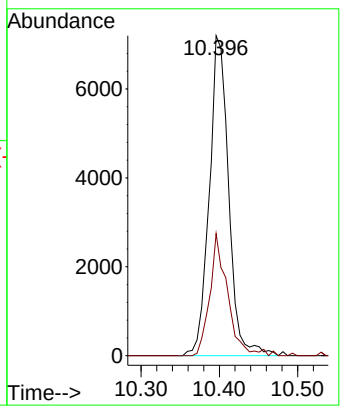




#53
t-1,3-Dichloropropene
Concen: 3.982 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 1238

Ion	Ratio	Lower	Upper
75	100		
77	38.1	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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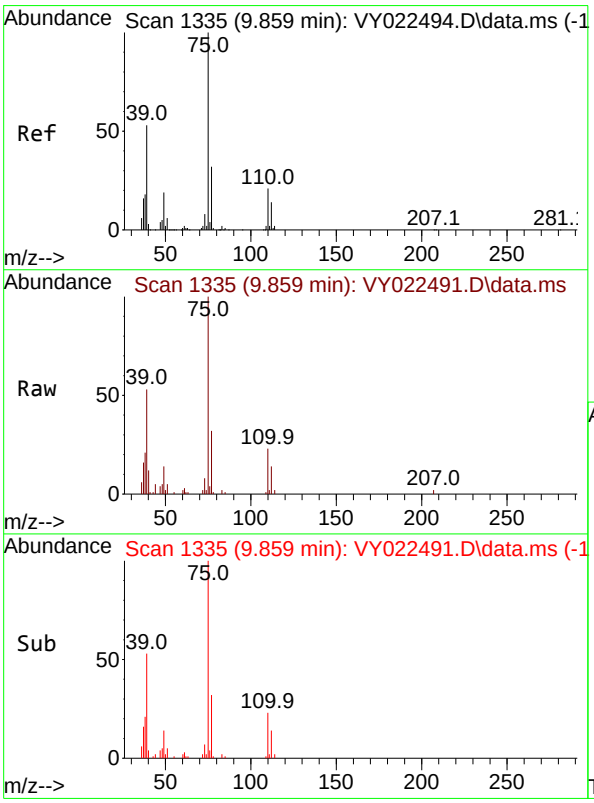
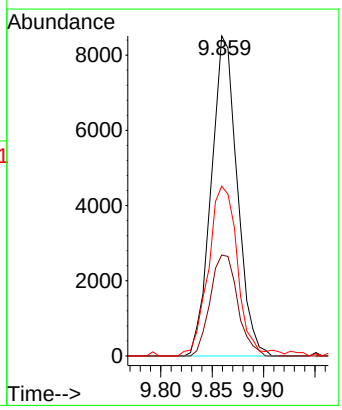
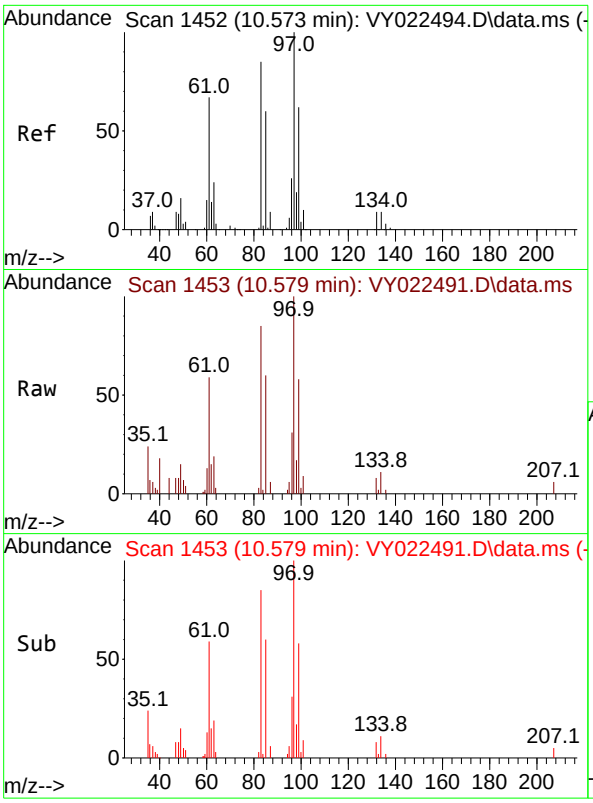


#54
cis-1,3-Dichloropropene
Concen: 4.103 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 14966

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	53.0	42.7	64.1

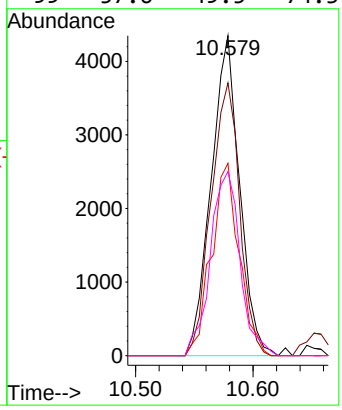




#55
1,1,2-Trichloroethane
Concen: 4.385 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 97 Resp: 731

Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	60.1	48.2	72.2
99	57.6	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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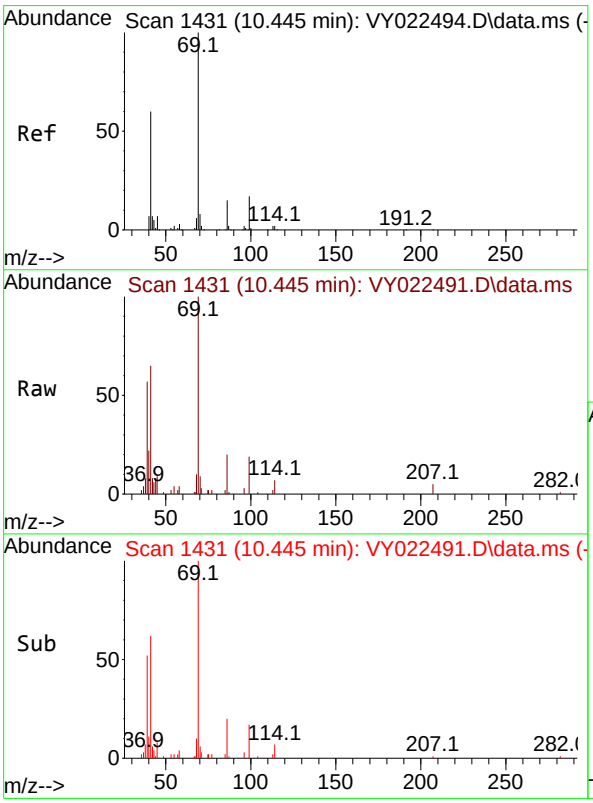
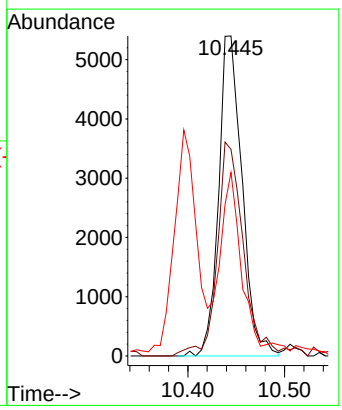
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

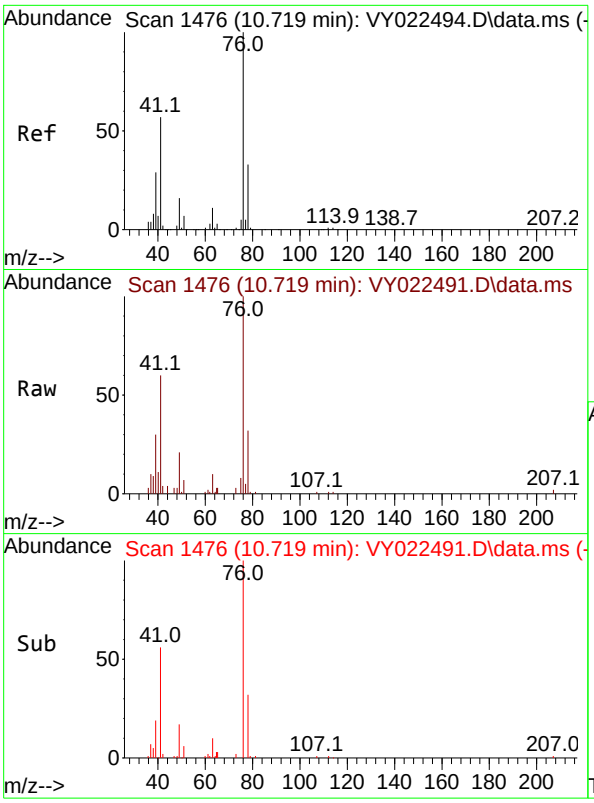


#56
Ethyl methacrylate
Concen: 3.751 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 69 Resp: 9092

Ion	Ratio	Lower	Upper
69	100		
41	73.4	52.2	78.2
39	46.3	36.7	55.1

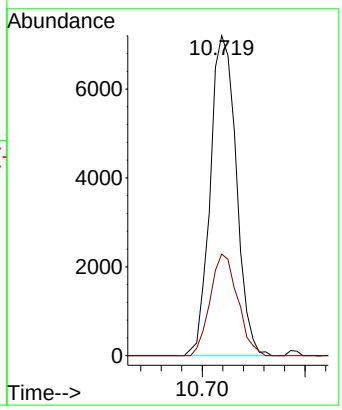




#57
1,3-Dichloropropane
Concen: 4.255 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 76 Resp: 1264

Ion	Ratio	Lower	Upper
76	100		
78	33.6	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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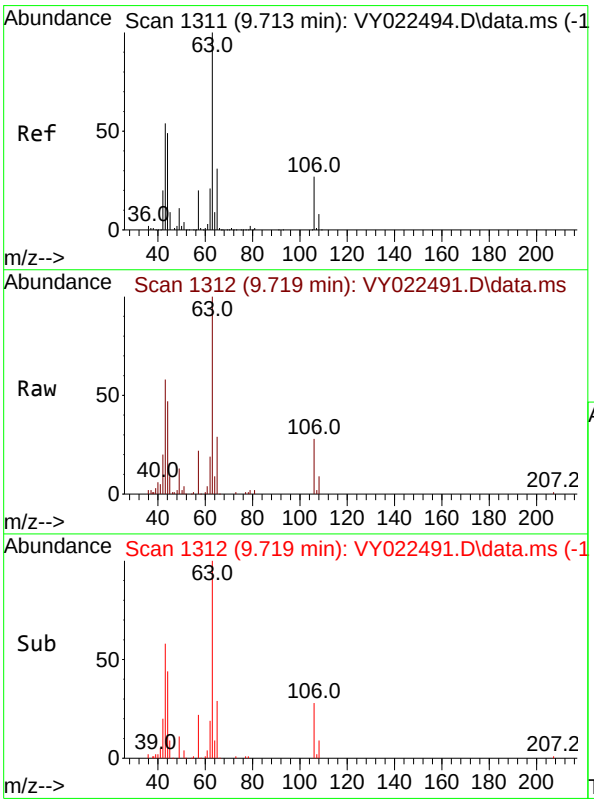
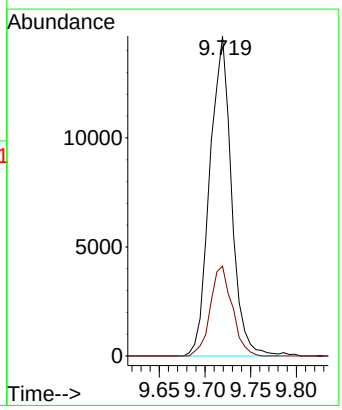
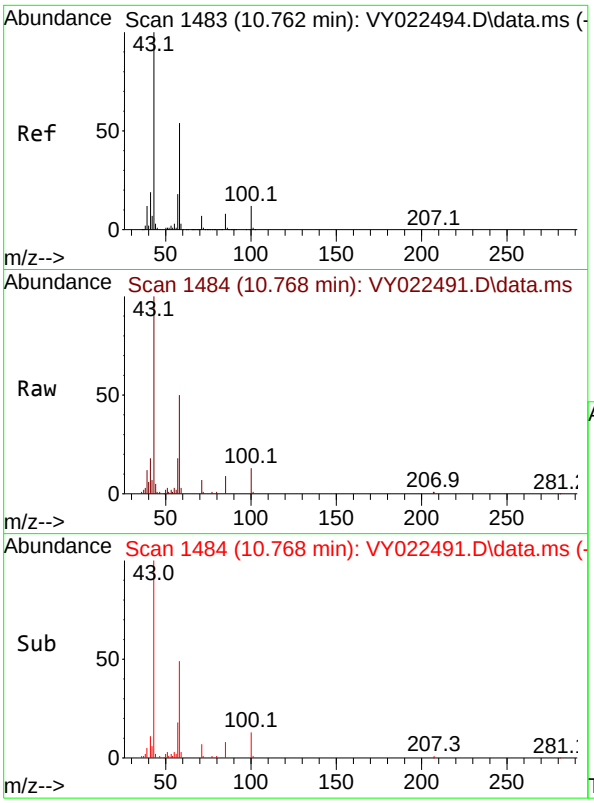


#58
2-Chloroethyl Vinyl ether
Concen: 22.409 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 63 Resp: 24214

Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.6	32.4

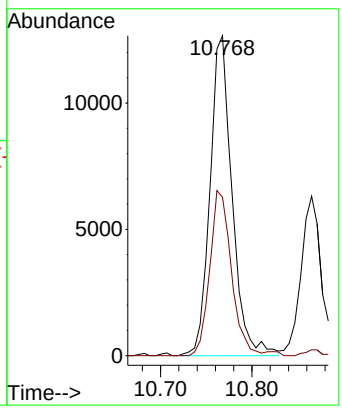




#59
2-Hexanone
Concen: 19.832 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 2124

Ion	Ratio	Lower	Upper
43	100		
58	50.4	27.3	81.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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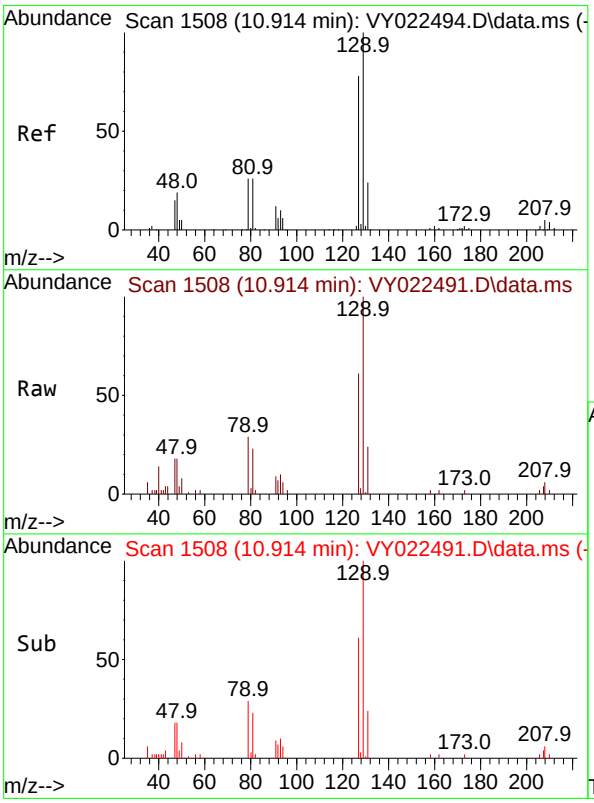
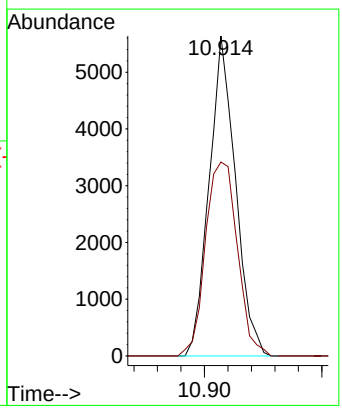
Supervised By :Mahesh Dadoda 06/03/2025

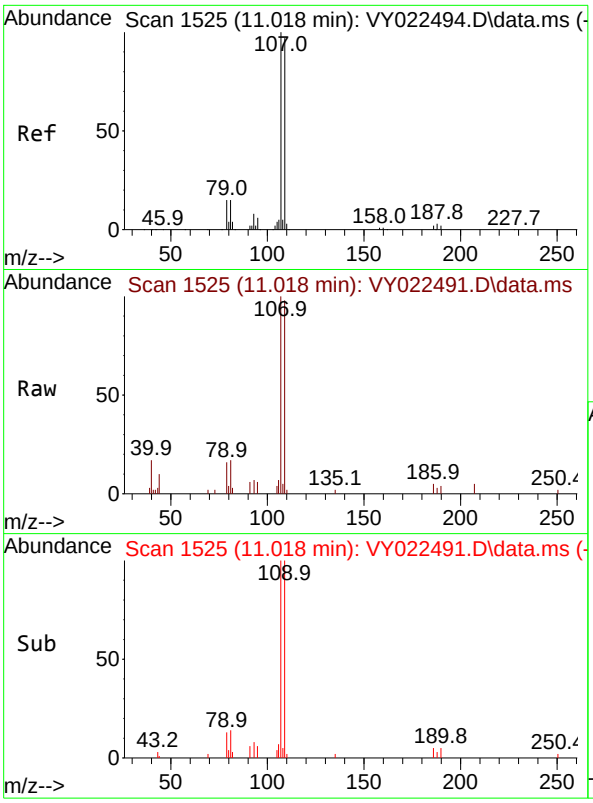


#60
Dibromochloromethane
Concen: 4.152 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:129 Resp: 8781

Ion	Ratio	Lower	Upper
129	100		
127	73.3	39.1	117.2

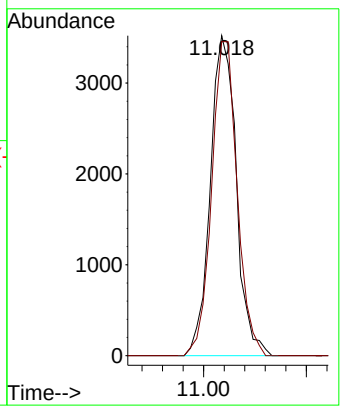




#61
1,2-Dibromoethane
Concen: 3.991 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:107 Resp: 614

Ion	Ratio	Lower	Upper
107	100		
109	96.8	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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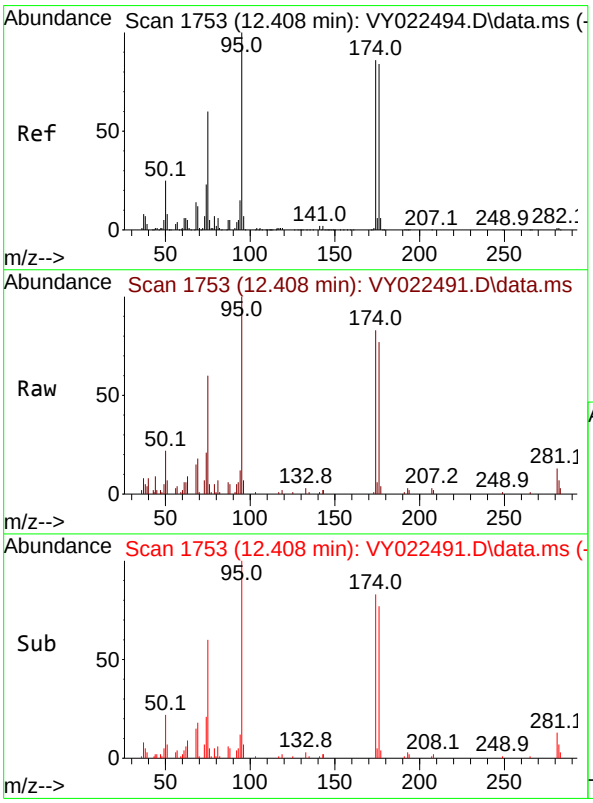
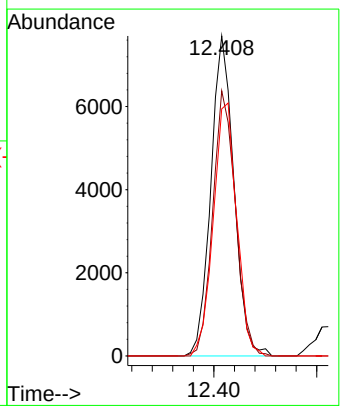
Supervised By :Mahesh Dadoda 06/03/2025

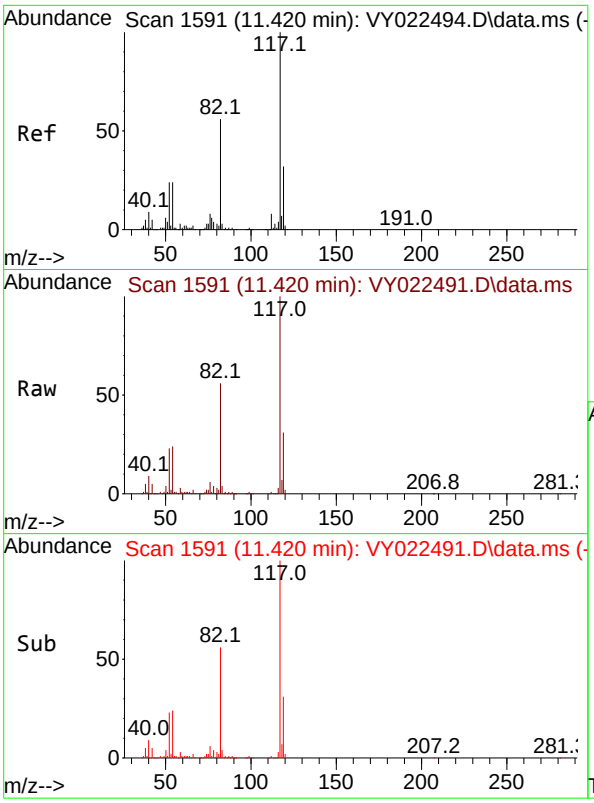


#62
4-Bromofluorobenzene
Concen: 4.697 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 95 Resp: 11988

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	170.0
176	80.2	0.0	166.2

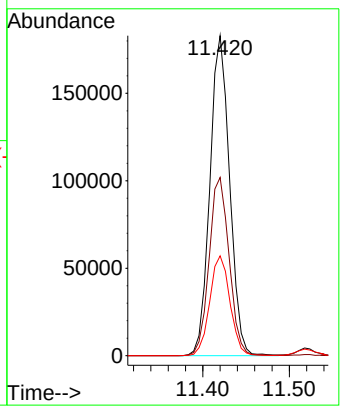




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:117 Resp: 28939

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	31.2	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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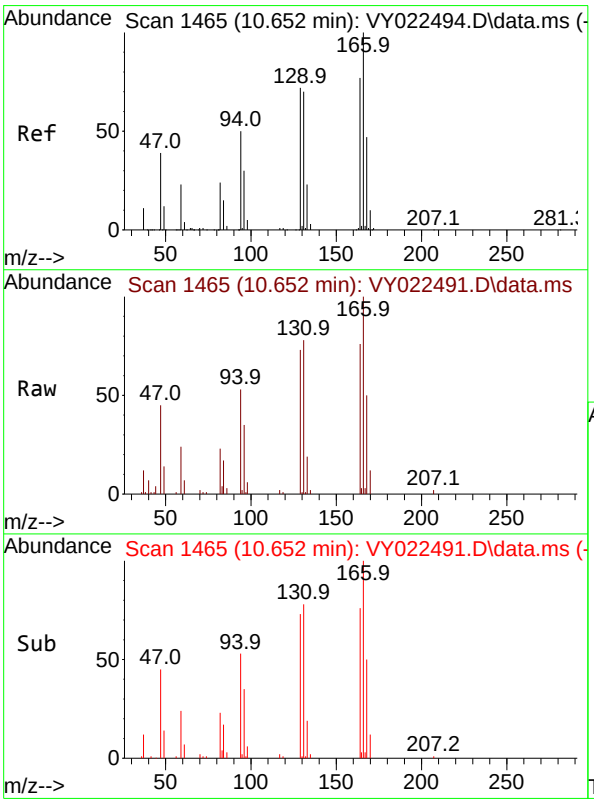
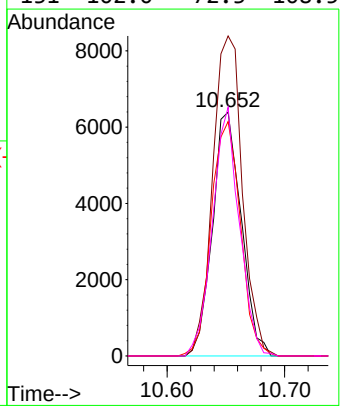
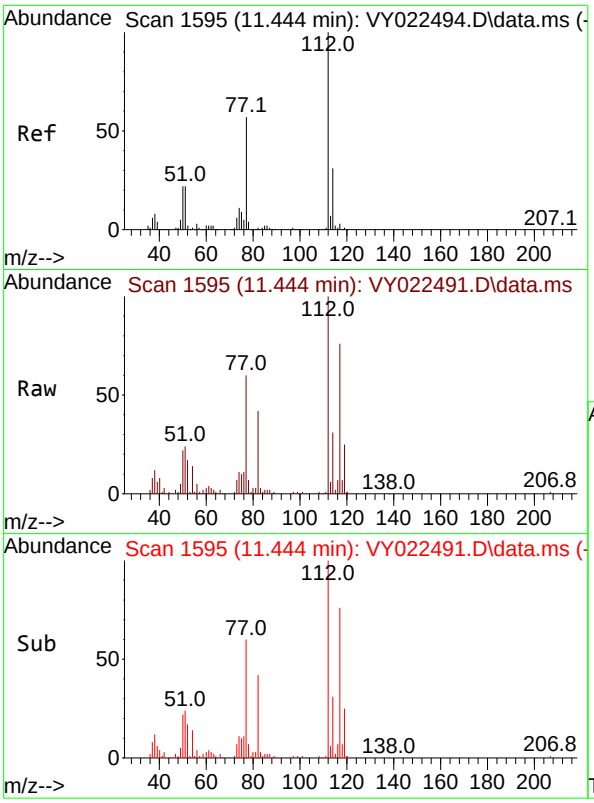


#64
Tetrachloroethene
Concen: 4.417 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:164 Resp: 10863

Ion	Ratio	Lower	Upper
164	100		
166	131.2	104.0	156.0
129	96.1	74.5	111.7
131	102.0	72.3	108.5





#65
Chlorobenzene
Concen: 4.377 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:112 Resp: 2746

Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.0	37.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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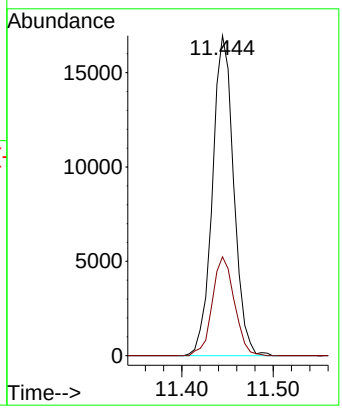
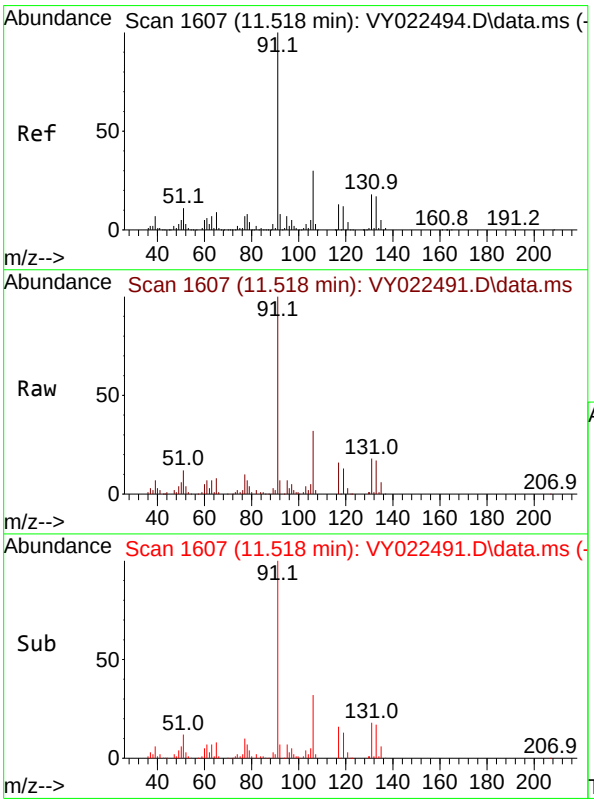
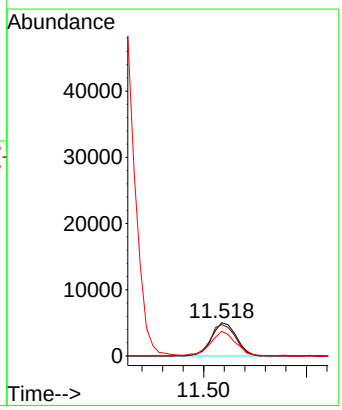


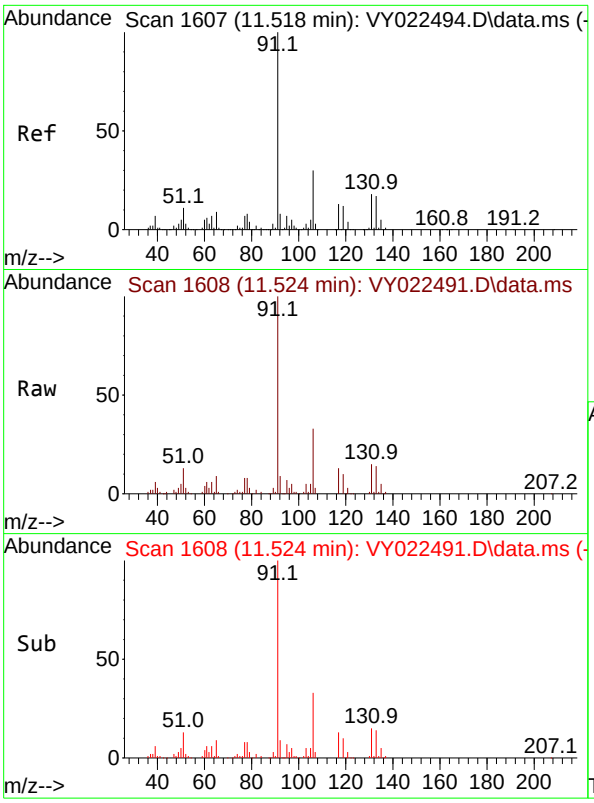


#66
1,1,1,2-Tetrachloroethane
Concen: 3.959 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:131 Resp: 8422

Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.3	141.8
119	74.3	33.1	99.3

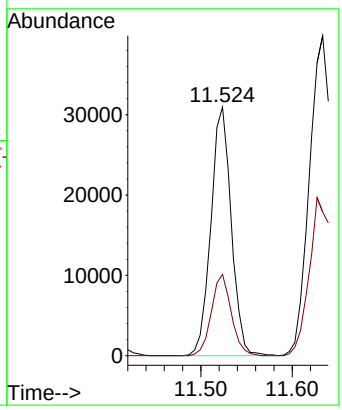




#67
Ethyl Benzene
Concen: 4.098 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 4788

Ion	Ratio	Lower	Upper
91	100		
106	32.7	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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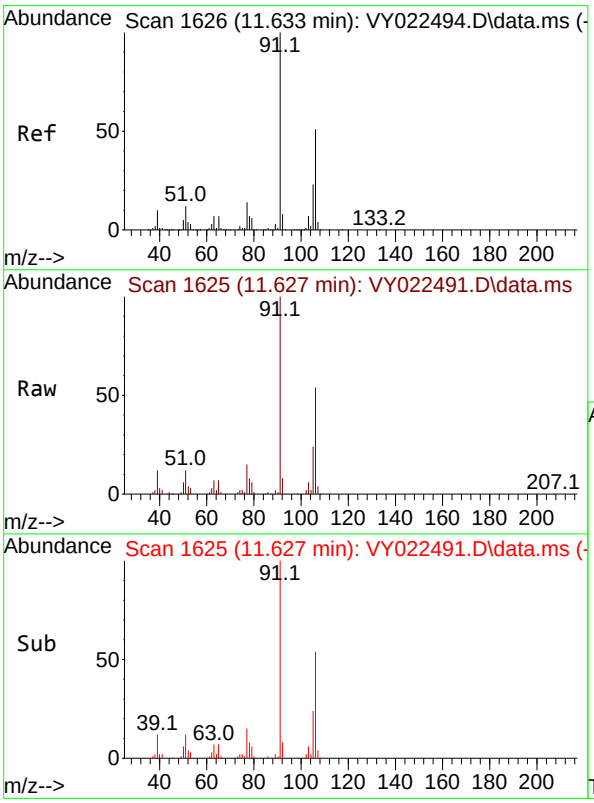
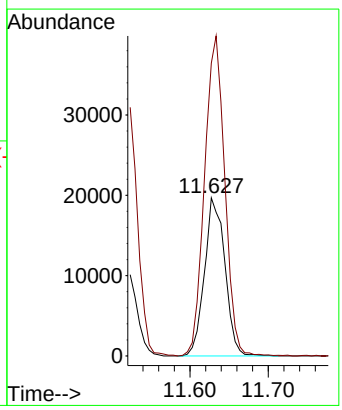
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

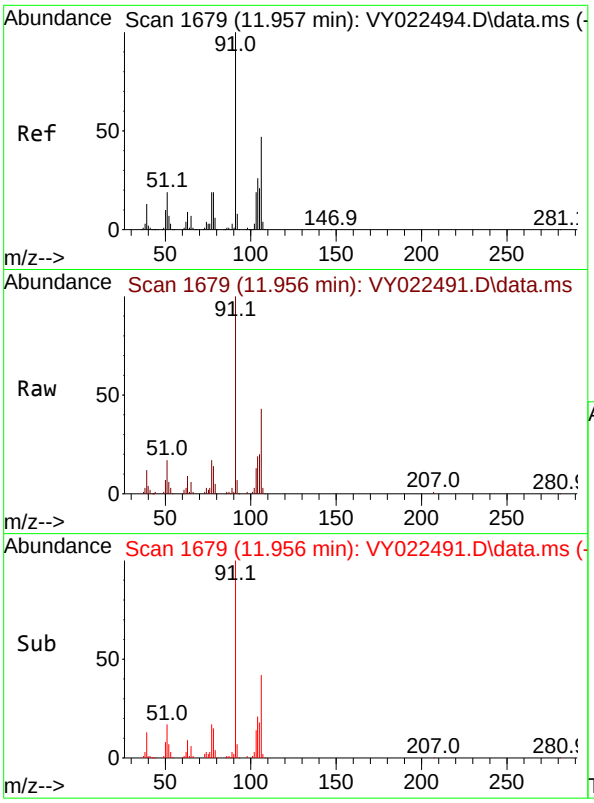


#68
m/p-Xylenes
Concen: 8.060 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:106 Resp: 35645

Ion	Ratio	Lower	Upper
106	100		
91	200.7	159.4	239.0





#69
o-Xylene
Concen: 4.075 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:106 Resp: 1686

Ion	Ratio	Lower	Upper
106	100		
91	219.4	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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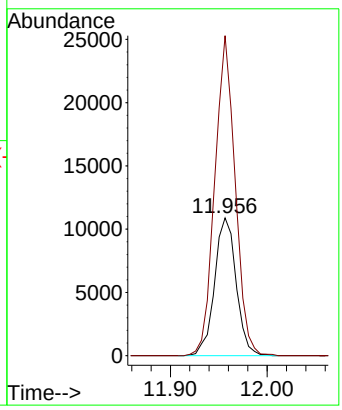
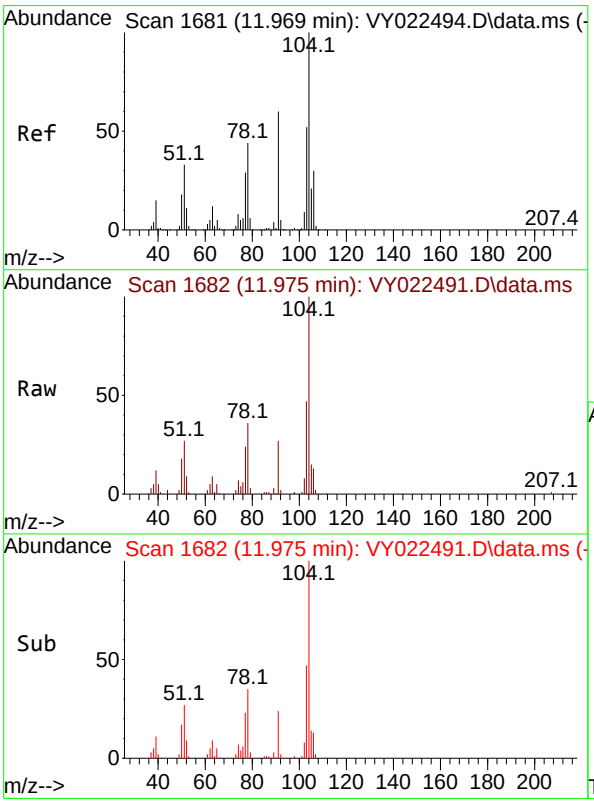
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

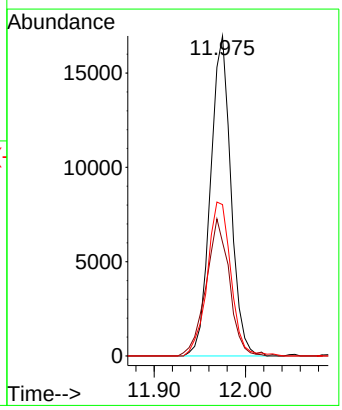


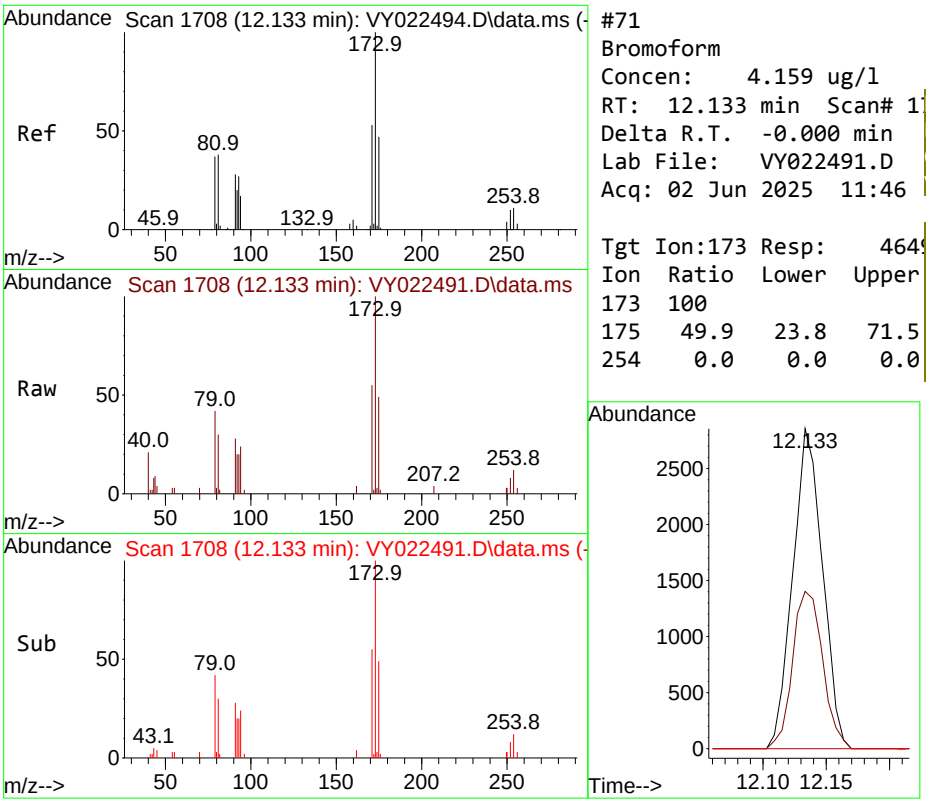


#70
Styrene
Concen: 3.840 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:104 Resp: 26313

Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.5	59.3
103	55.8	44.1	66.1





#71
Bromoform
Concen: 4.159 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:173 Resp: 464

Ion	Ratio	Lower	Upper
173	100		
175	49.9	23.8	71.5
254	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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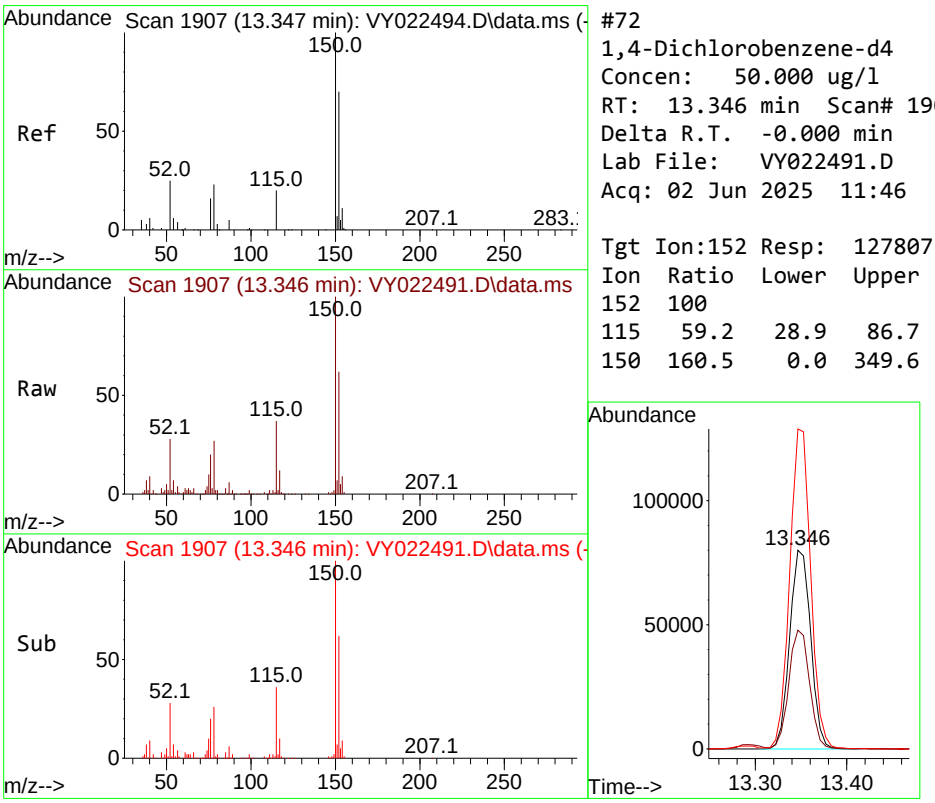
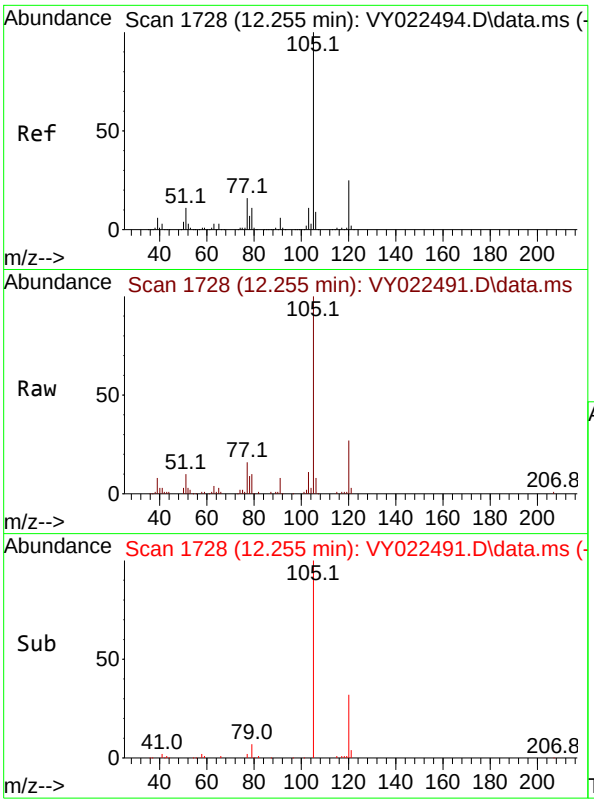
Supervised By :Mahesh Dadoda 06/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:152 Resp: 127807

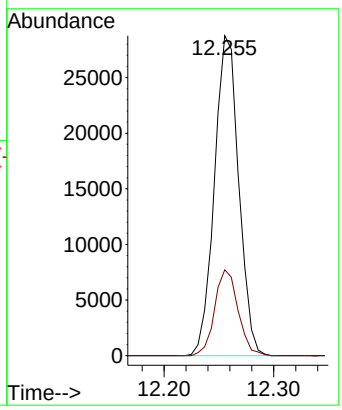
Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.9	86.7
150	160.5	0.0	349.6



#73
Isopropylbenzene
Concen: 4.307 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 4435

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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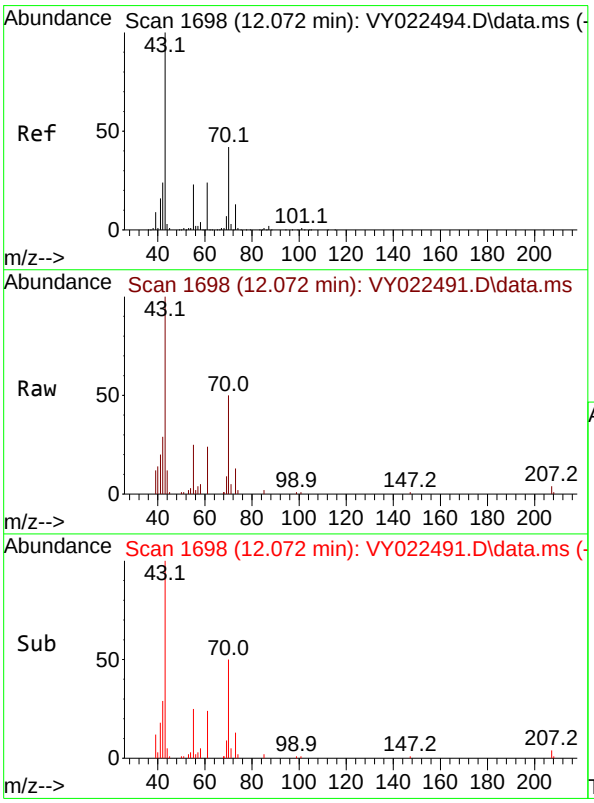
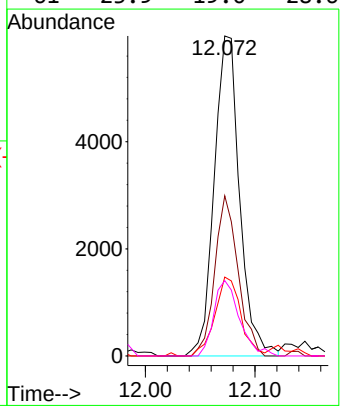
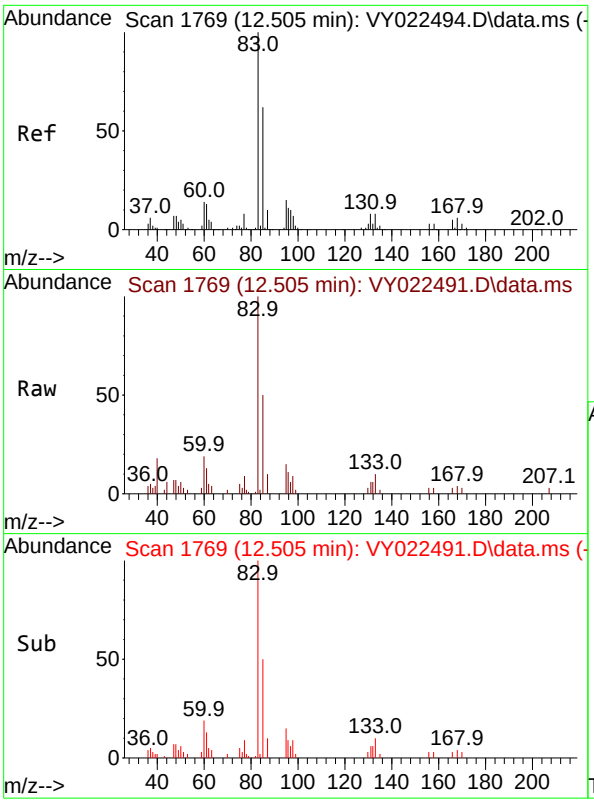


#74
N-amyl acetate
Concen: 3.699 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 9632

Ion	Ratio	Lower	Upper
43	100		
70	45.9	34.2	51.2
55	25.1	18.2	27.4
61	23.9	19.0	28.6

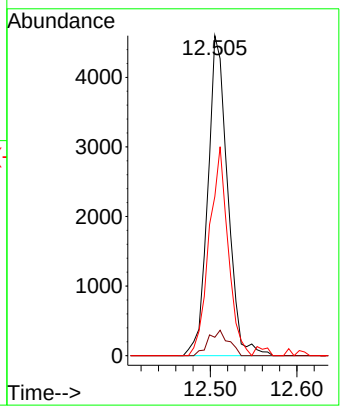




#75
1,1,2,2-Tetrachloroethane
Concen: 4.359 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 83 Resp: 728

Ion	Ratio	Lower	Upper
83	100		
131	8.1	4.9	14.7
85	62.4	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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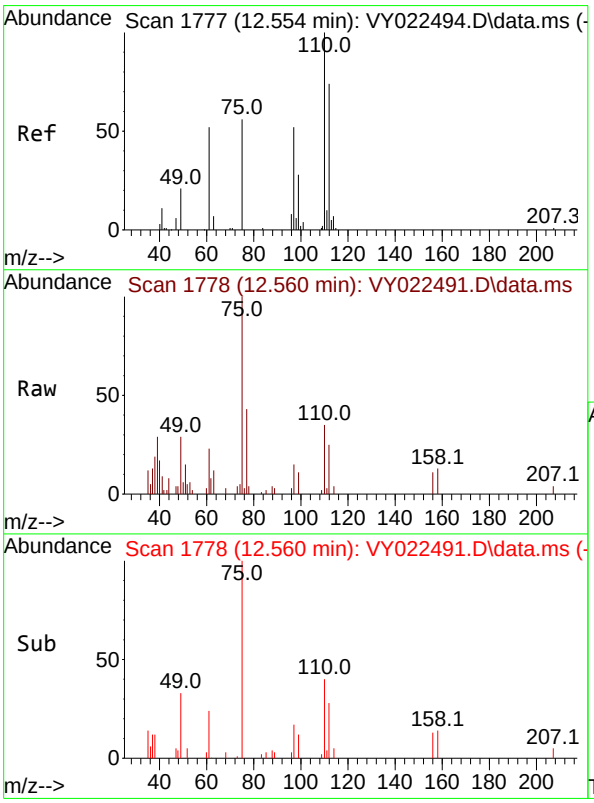
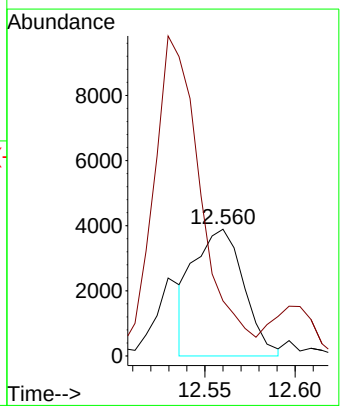
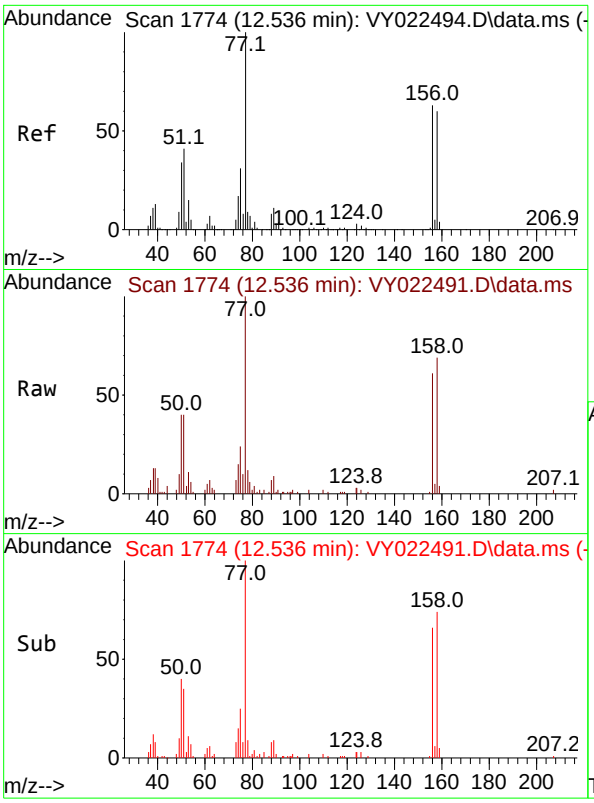


#76
1,2,3-Trichloropropane
Concen: 4.432 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 7478

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

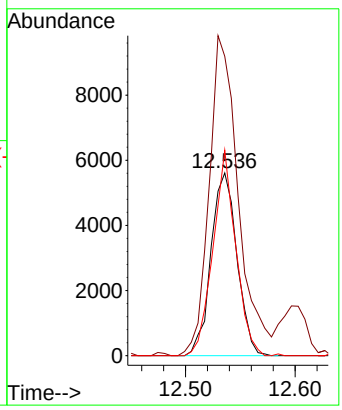




#77
Bromobenzene
Concen: 4.234 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:156 Resp: 924

Ion	Ratio	Lower	Upper
156	100		
77	196.5	94.0	282.1
158	98.9	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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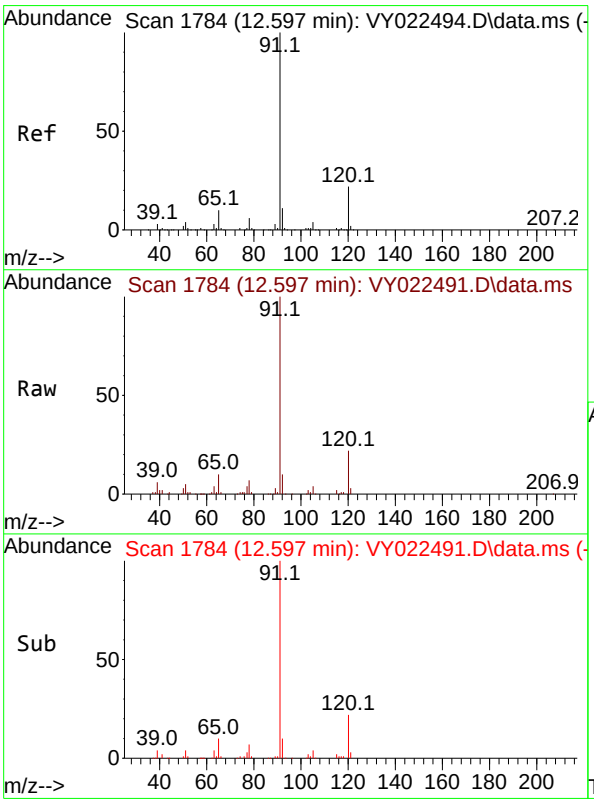
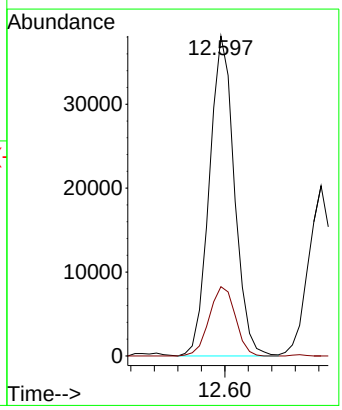
Supervised By :Mahesh Dadoda 06/03/2025

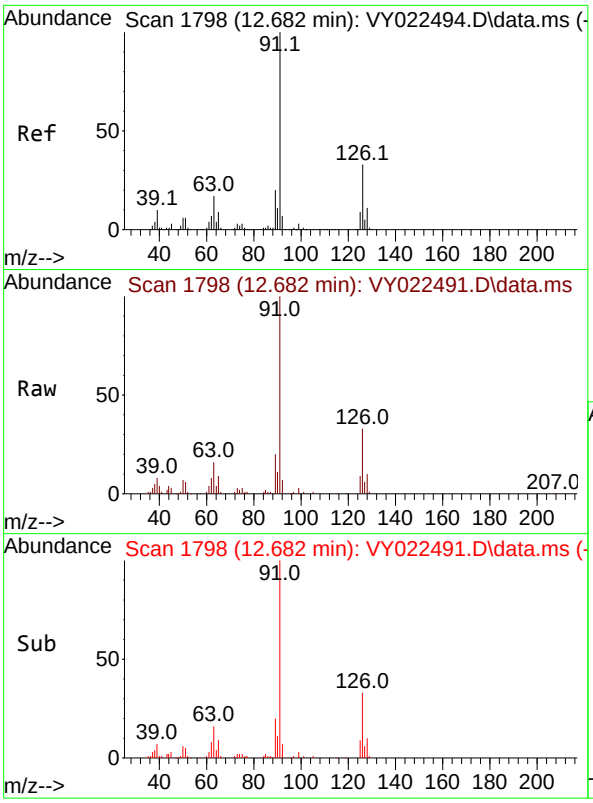


#78
n-propylbenzene
Concen: 4.511 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 56543

Ion	Ratio	Lower	Upper
91	100		
120	22.5	10.8	32.4

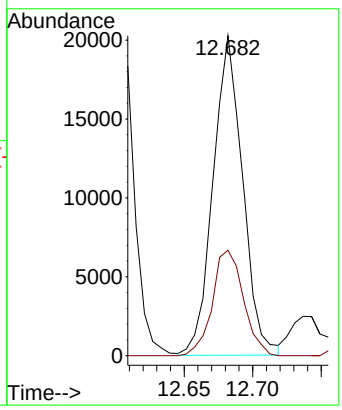




#79
2-Chlorotoluene
Concen: 4.591 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 3038

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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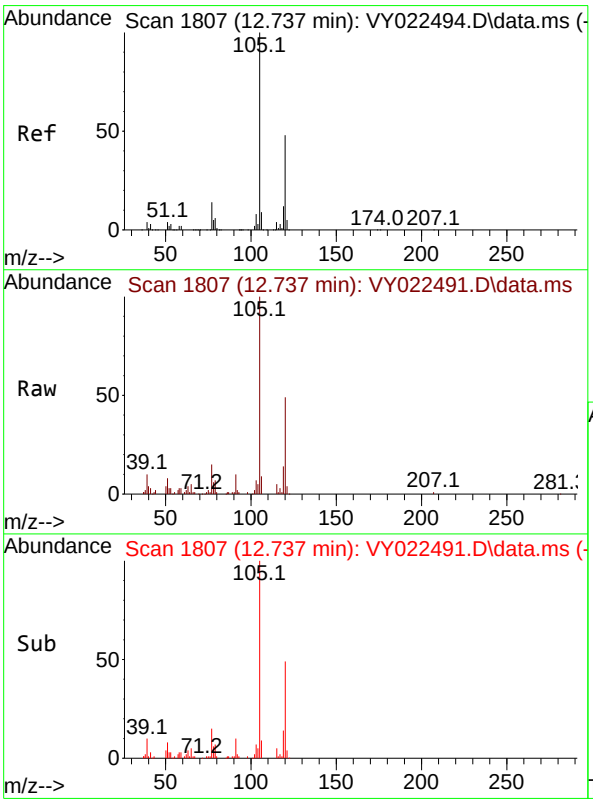
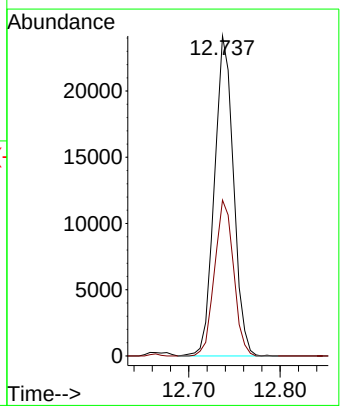
Supervised By :Mahesh Dadoda 06/03/2025

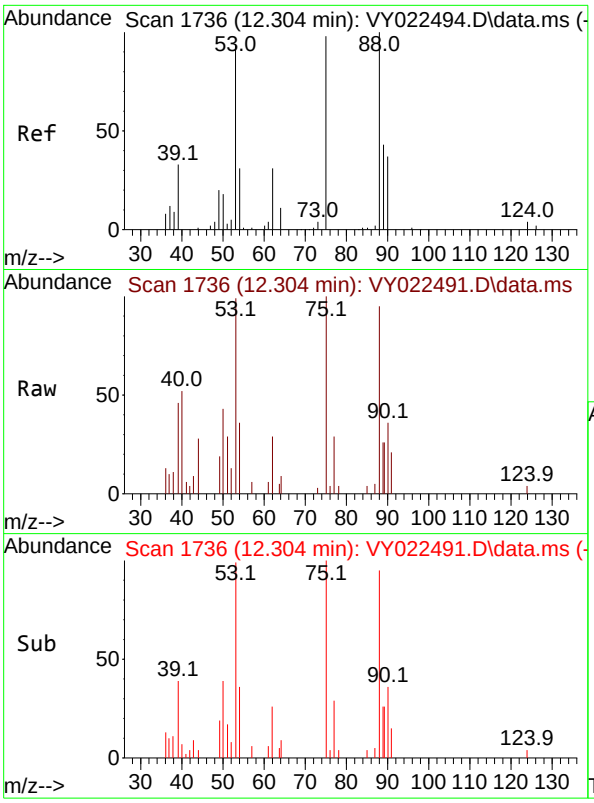


#80
1,3,5-Trimethylbenzene
Concen: 4.362 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 35122

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.4

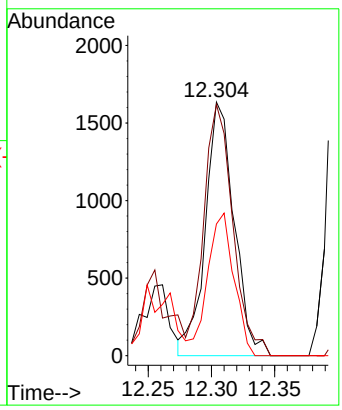




#81
trans-1,4-Dichloro-2-butene
Concen: 4.411 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 259

Ion	Ratio	Lower	Upper
75	100		
53	99.3	78.5	117.7
89	51.7	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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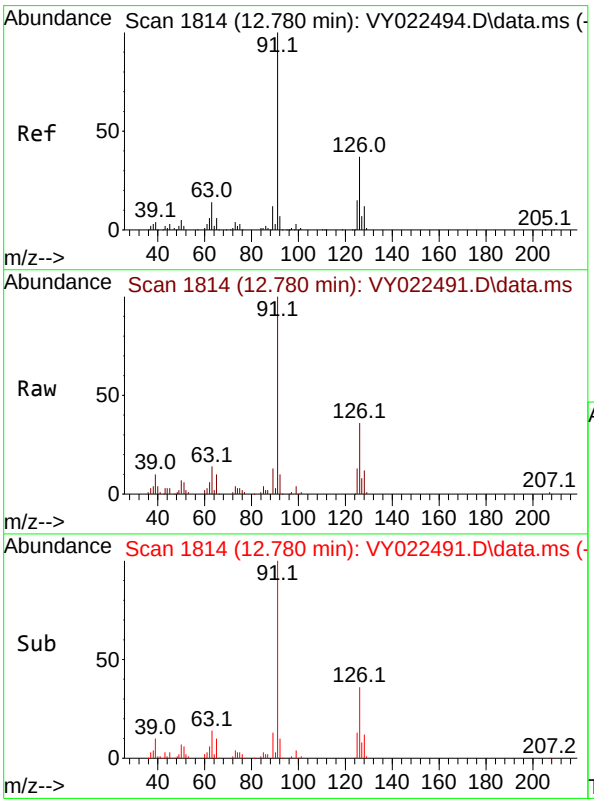
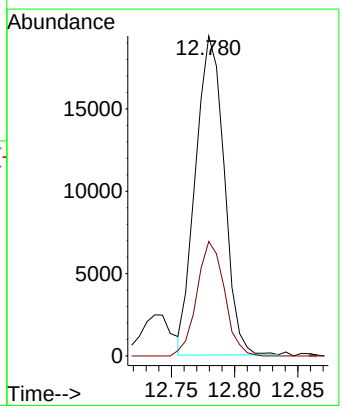
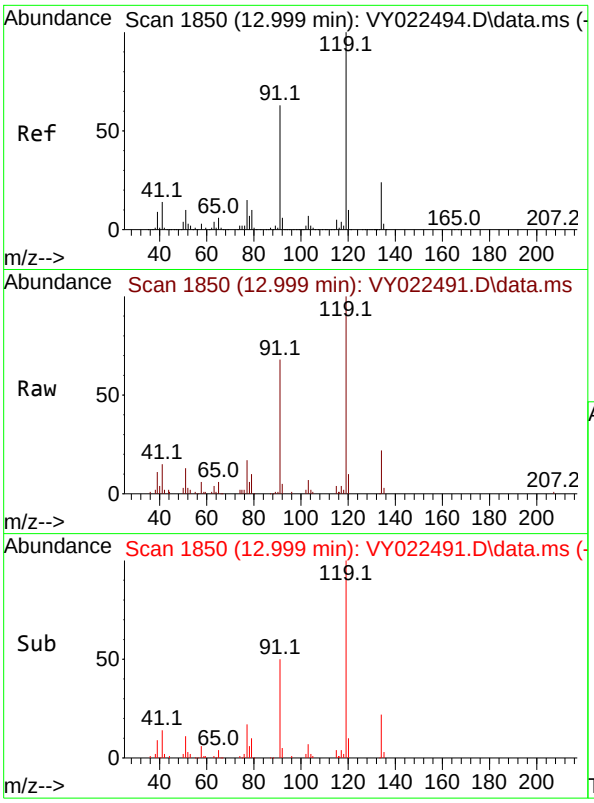


#82
4-Chlorotoluene
Concen: 4.447 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 30501

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	50.9

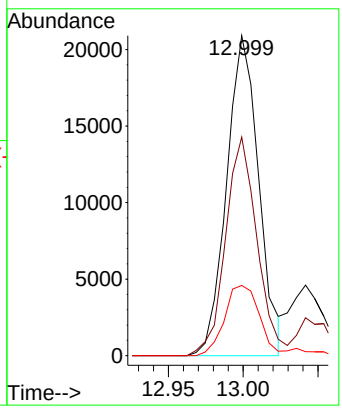




#83
tert-Butylbenzene
Concen: 4.252 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:119 Resp: 3123

Ion	Ratio	Lower	Upper
119	100		
91	67.0	32.1	96.3
134	23.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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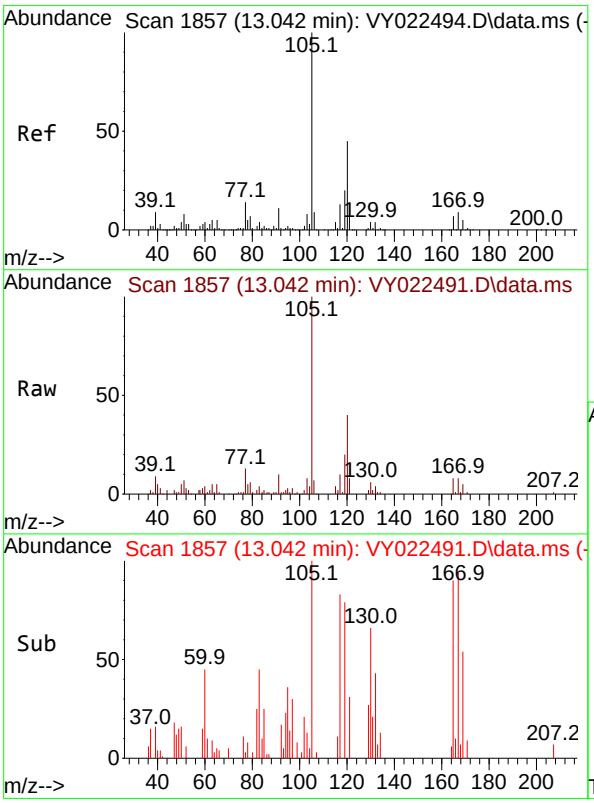
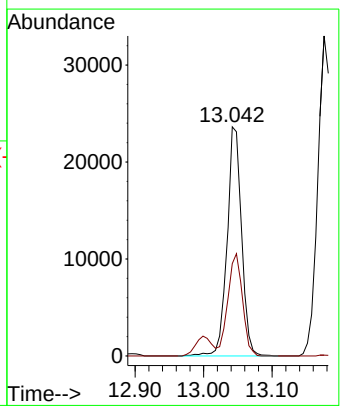
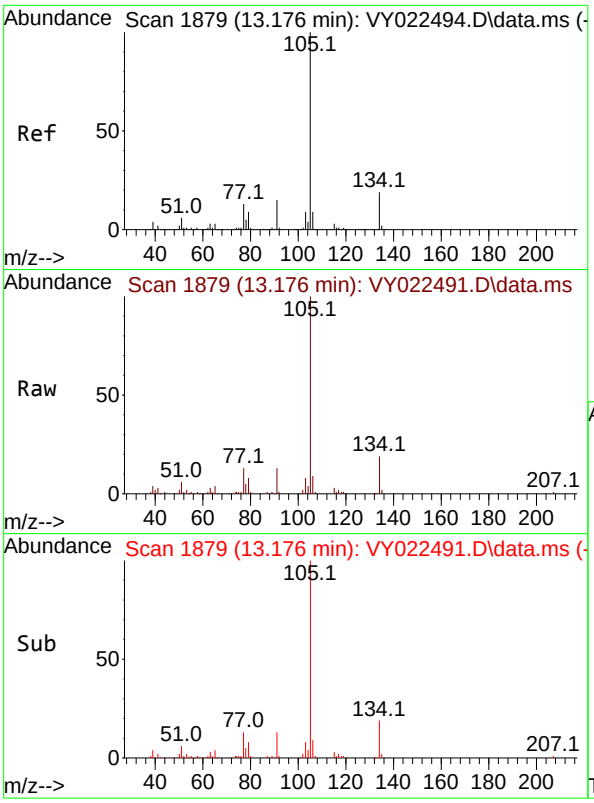


#84
1,2,4-Trimethylbenzene
Concen: 4.314 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 34752

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1

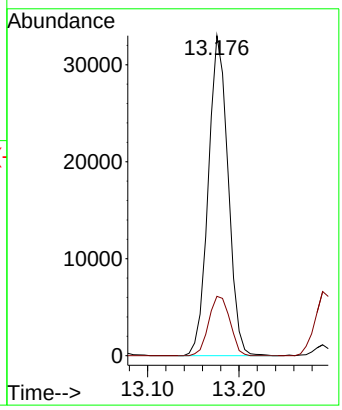




#85
sec-Butylbenzene
Concen: 4.449 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 4954

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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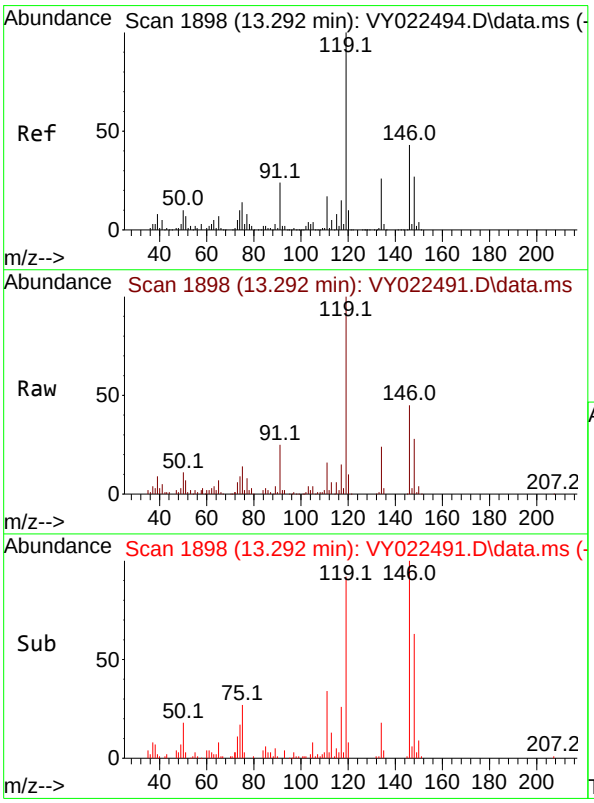
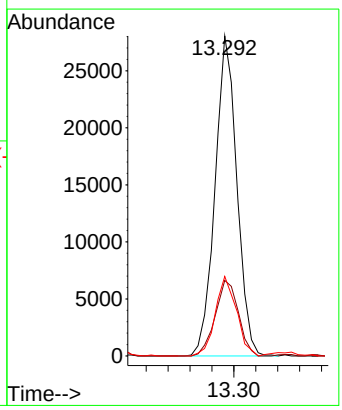
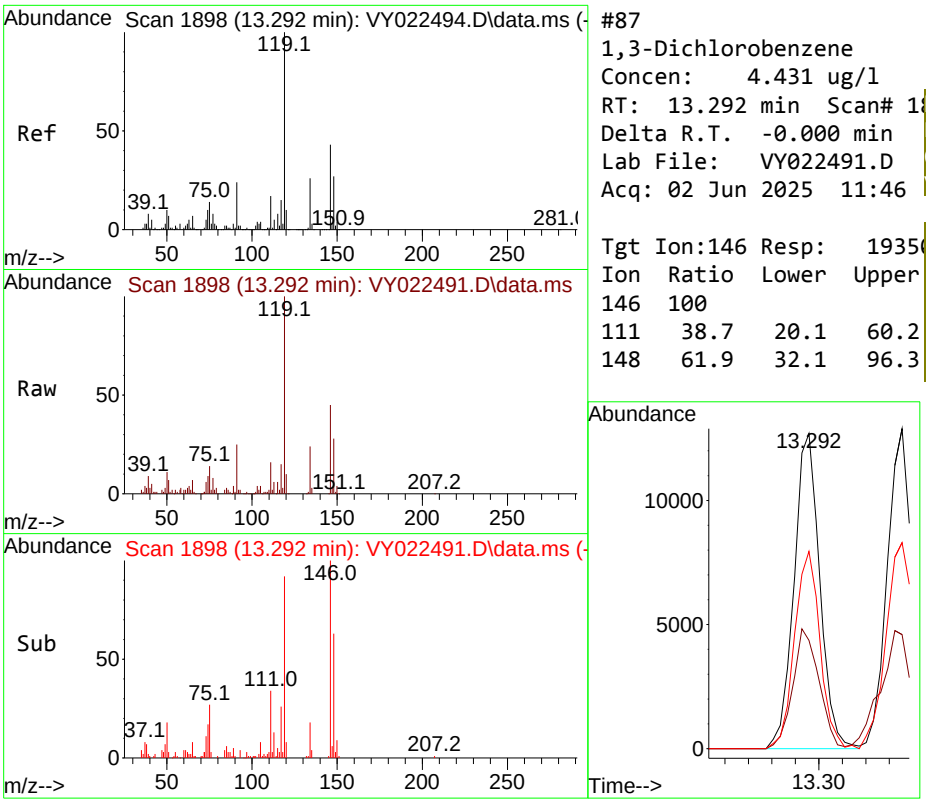


#86
p-Isopropyltoluene
Concen: 4.240 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:119 Resp: 38822

Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.1	39.1
91	24.2	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 4.431 ug/l
RT: 13.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:146 Resp: 1935

Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.1	60.2
148	61.9	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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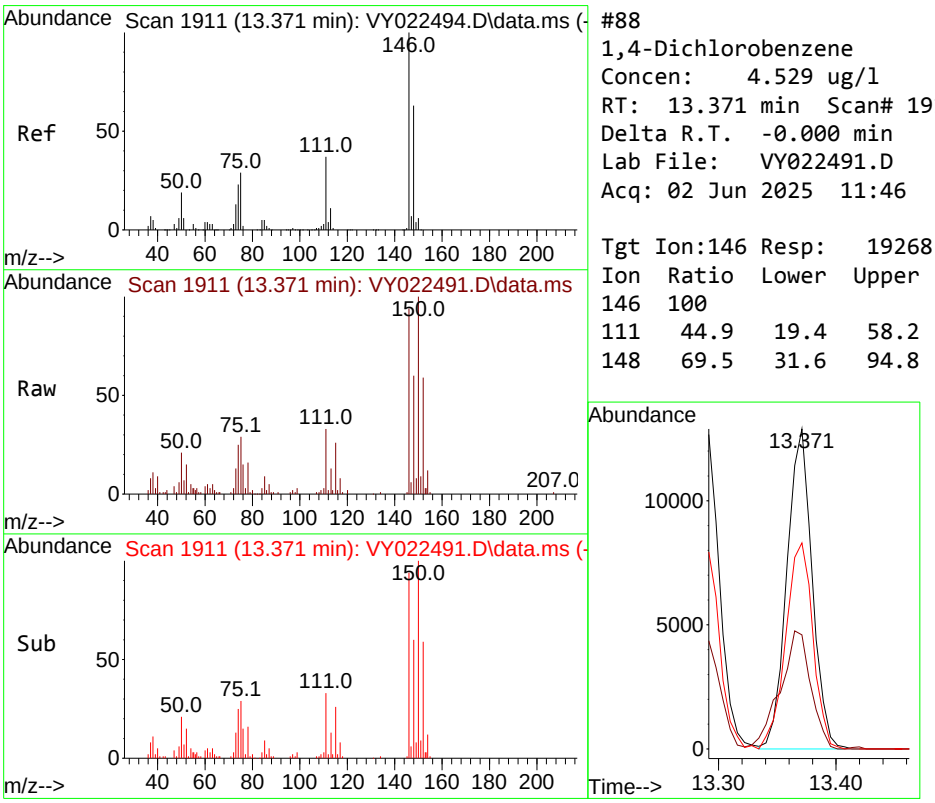
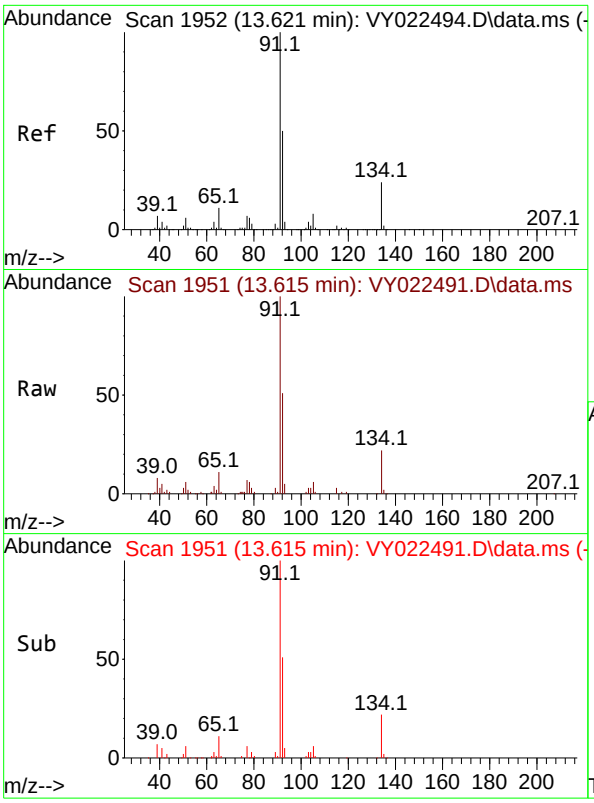
Supervised By :Mahesh Dadoda 06/03/2025



#88
1,4-Dichlorobenzene
Concen: 4.529 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:146 Resp: 19268

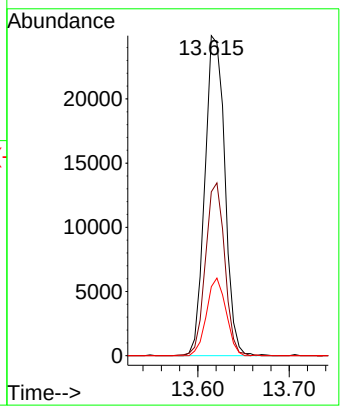
Ion	Ratio	Lower	Upper
146	100		
111	44.9	19.4	58.2
148	69.5	31.6	94.8



#89
n-Butylbenzene
Concen: 4.333 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 3777

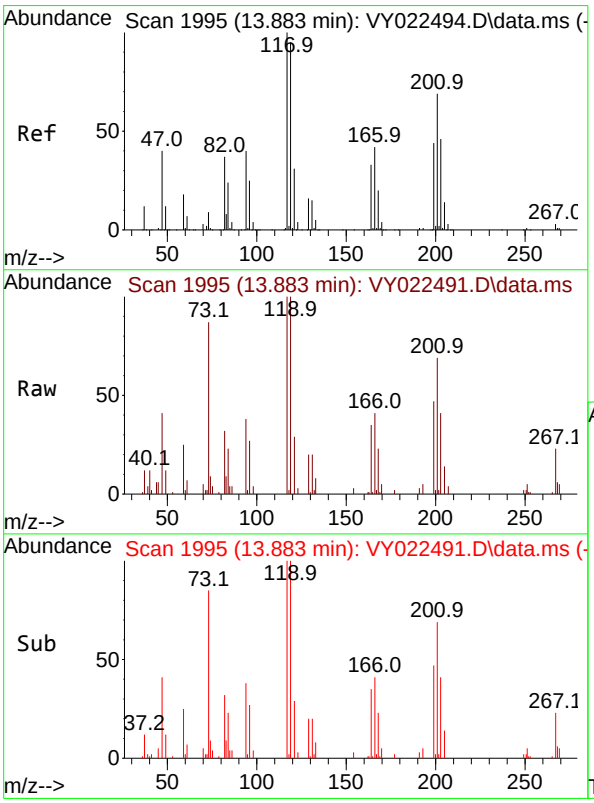
Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.8
134	23.8	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

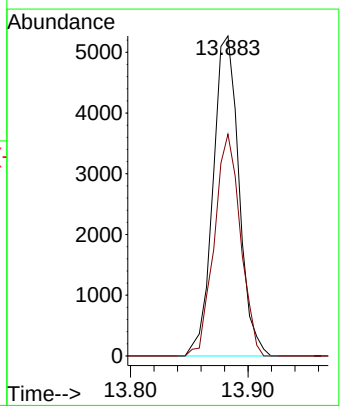
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

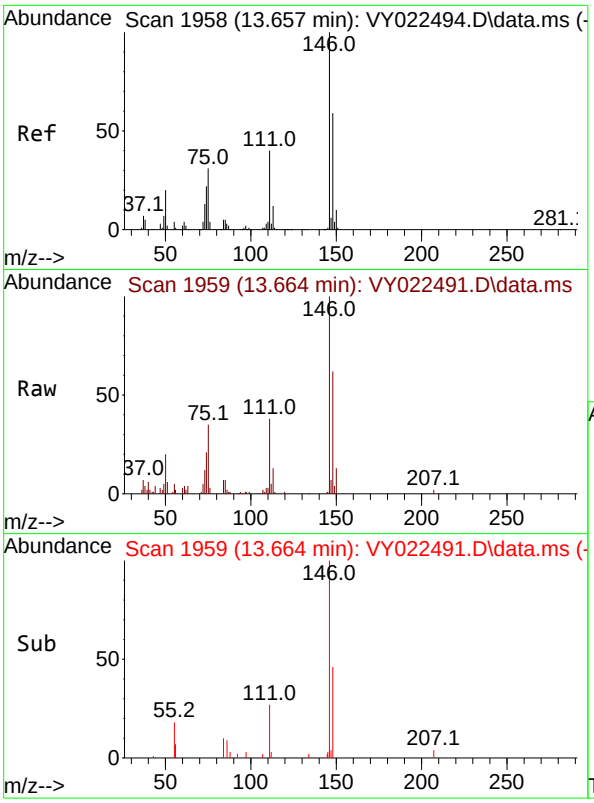


#90
Hexachloroethane
Concen: 4.506 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:117 Resp: 8072

Ion	Ratio	Lower	Upper
117	100		
201	69.9	34.0	102.0

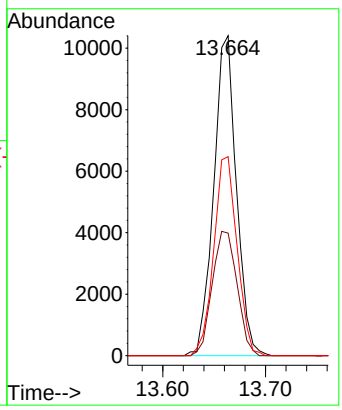




#91
1,2-Dichlorobenzene
Concen: 4.244 ug/l
RT: 13.664 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:146 Resp: 1592

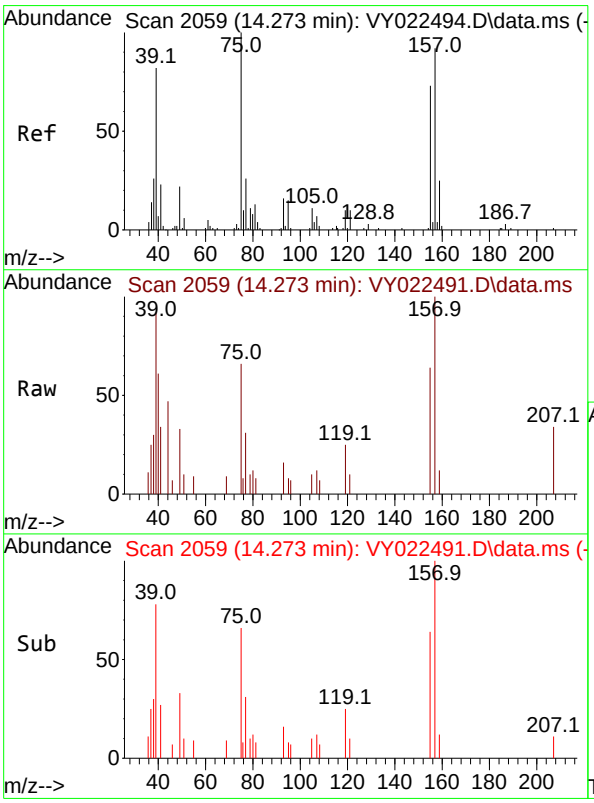
Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.2	60.6
148	64.0	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

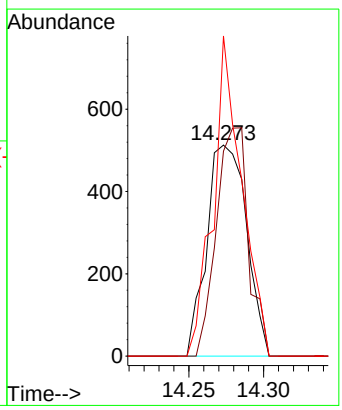
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

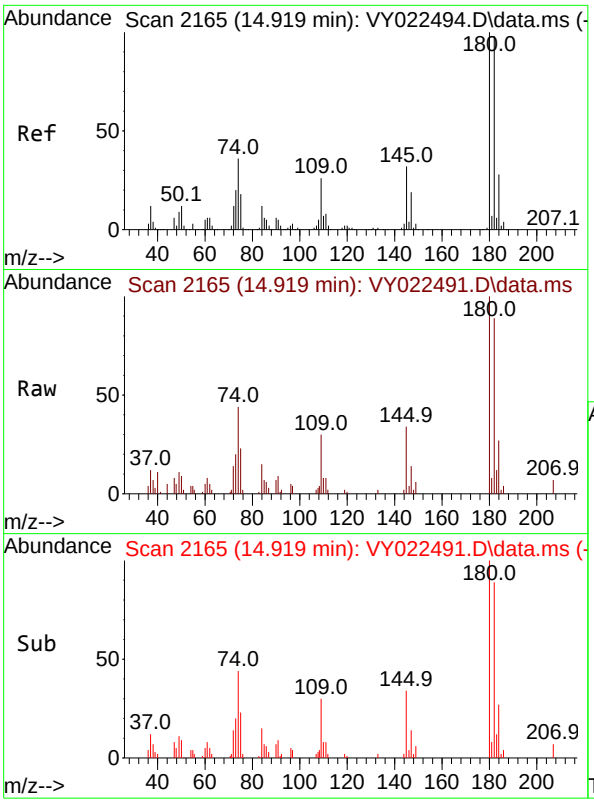


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.754 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 949

Ion	Ratio	Lower	Upper
75	100		
155	87.0	39.9	119.6
157	109.5	54.0	162.0

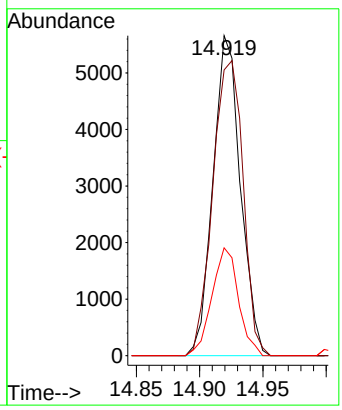




#93
1,2,4-Trichlorobenzene
Concen: 4.159 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:180 Resp: 852

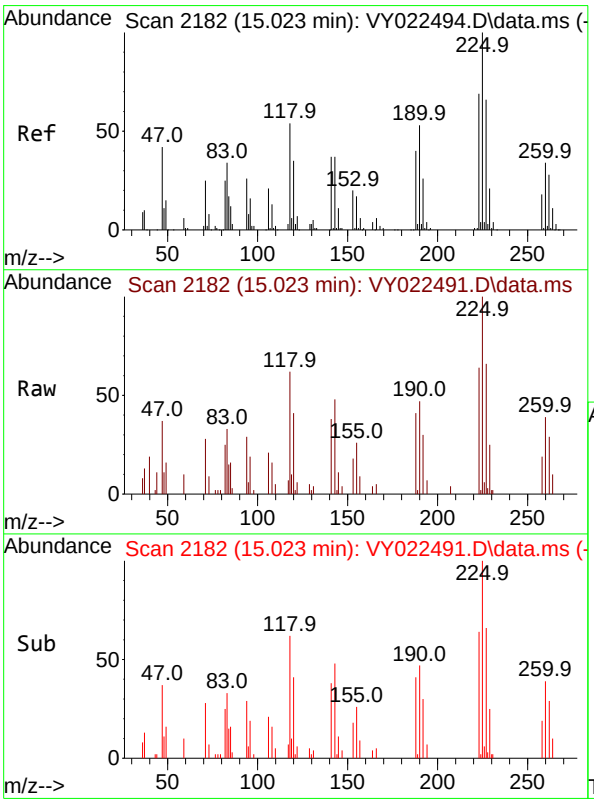
Ion	Ratio	Lower	Upper
180	100		
182	101.9	48.4	145.3
145	32.6	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

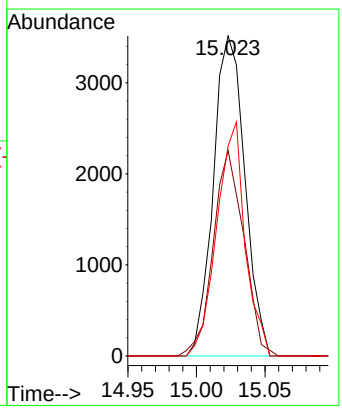
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

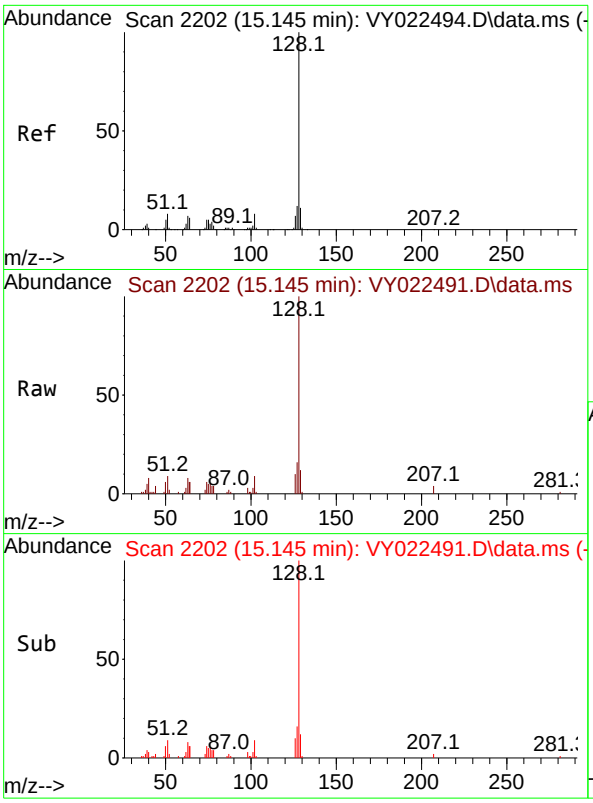


#94
Hexachlorobutadiene
Concen: 5.024 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:225 Resp: 5627

Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.5	97.4
227	65.6	32.3	96.9

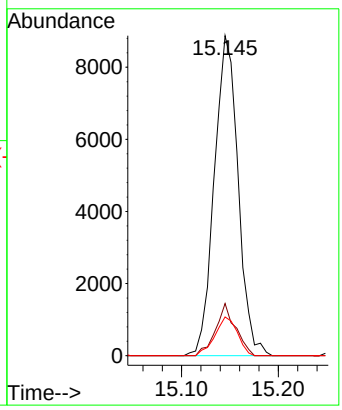




#95
Naphthalene
Concen: 3.859 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:128 Resp: 1516

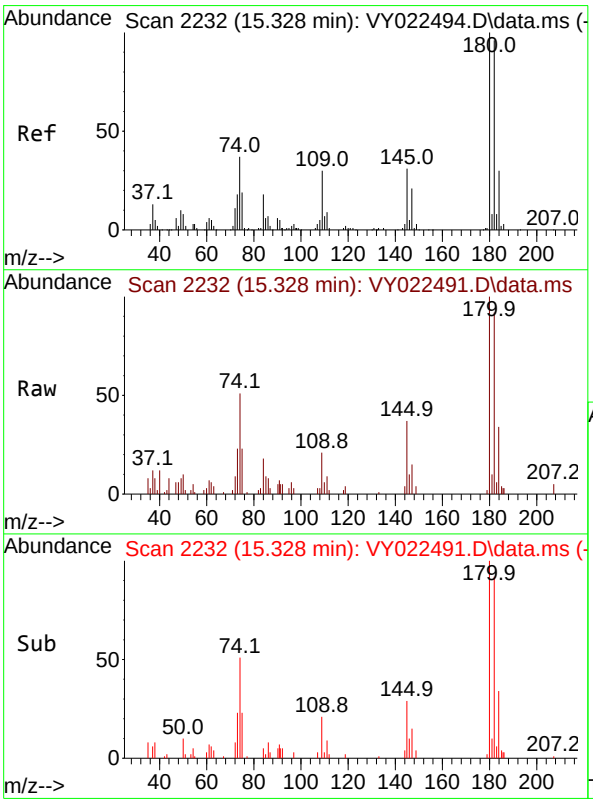
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.4	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

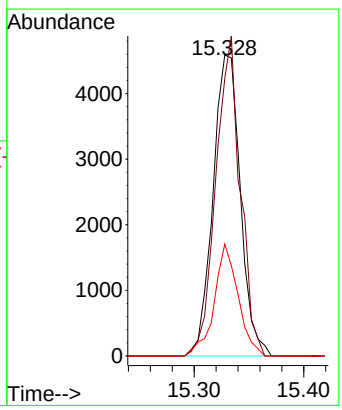
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.563 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:180 Resp: 7952

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.3
145	32.5	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	211235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	366386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	302825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	137338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	24246	10.549	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.100%#		
35) Dibromofluoromethane	7.646	113	20743	9.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.240%#		
50) Toluene-d8	10.109	98	86561	9.930	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.860%#		
62) 4-Bromofluorobenzene	12.408	95	24870	9.409	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.820%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	22911	12.412	ug/l	99
3) Chloromethane	2.068	50	67191	12.339	ug/l	99
4) Vinyl Chloride	2.202	62	76656	12.027	ug/l	97
5) Bromomethane	2.598	94	73289	12.157	ug/l	99
6) Chloroethane	2.739	64	53992	12.374	ug/l	99
7) Trichlorofluoromethane	3.056	101	63044	11.642	ug/l	97
8) Diethyl Ether	3.458	74	14144	11.826	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	25997	11.445	ug/l	99
10) Methyl Iodide	4.007	142	25590	10.505	ug/l	99
11) Tert butyl alcohol	4.891	59	9732	59.275	ug/l #	73
12) 1,1-Dichloroethene	3.799	96	24370	11.240	ug/l	99
13) Acrolein	3.671	56	9650	48.151	ug/l	94
14) Allyl chloride	4.391	41	38482	11.389	ug/l	95
15) Acrylonitrile	5.073	53	29150	57.299	ug/l	99
16) Acetone	3.885	43	25066	55.166	ug/l	98
17) Carbon Disulfide	4.110	76	79008	11.413	ug/l	99
18) Methyl Acetate	4.397	43	17228	12.603	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	68336	11.296	ug/l	95
20) Methylene Chloride	4.622	84	29569	11.655	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	27493	11.350	ug/l	88
22) Diisopropyl ether	6.031	45	83814	11.156	ug/l	96
23) Vinyl Acetate	5.970	43	241364	54.152	ug/l	99
24) 1,1-Dichloroethane	5.927	63	50391	11.346	ug/l	96
25) 2-Butanone	6.909	43	36756	54.840	ug/l	95
26) 2,2-Dichloropropane	6.890	77	43605	11.045	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	30873	11.028	ug/l	99
28) Bromochloromethane	7.256	49	20132	10.491	ug/l	99
29) Tetrahydrofuran	7.274	42	25001	57.822	ug/l	97
30) Chloroform	7.427	83	49990	11.391	ug/l	89
31) Cyclohexane	7.707	56	51050	11.422	ug/l #	95
32) 1,1,1-Trichloroethane	7.628	97	43454	11.080	ug/l	97
36) 1,1-Dichloropropene	7.841	75	37532	10.765	ug/l	99
37) Ethyl Acetate	6.994	43	15914	10.371	ug/l #	93
38) Carbon Tetrachloride	7.829	117	37794	10.515	ug/l	100
39) Methylcyclohexane	9.115	83	49413	10.491	ug/l	97
40) Benzene	8.085	78	108934	10.600	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.238	41	9043m	9.151	ug/l		
42) 1,2-Dichloroethane	8.164	62	31102	11.125	ug/l		99
43) Isopropyl Acetate	8.201	43	36411	10.859	ug/l		97
44) Trichloroethene	8.865	130	28431	11.325	ug/l		91
45) 1,2-Dichloropropane	9.146	63	26665	10.884	ug/l		97
46) Dibromomethane	9.237	93	14601m	10.637	ug/l		
47) Bromodichloromethane	9.426	83	38475	11.048	ug/l		96
48) Methyl methacrylate	9.225	41	16122	10.501	ug/l		98
49) 1,4-Dioxane	9.243	88	3535	215.881	ug/l		97
51) 4-Methyl-2-Pentanone	9.999	43	88634	53.259	ug/l		100
52) Toluene	10.176	92	68265	10.565	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	34307	10.649	ug/l		95
54) cis-1,3-Dichloropropene	9.859	75	40229	10.649	ug/l		98
55) 1,1,2-Trichloroethane	10.579	97	18848	10.904	ug/l		94
56) Ethyl methacrylate	10.444	69	26171	10.426	ug/l		97
57) 1,3-Dichloropropane	10.719	76	33836	10.991	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	52396	46.819	ug/l		99
59) 2-Hexanone	10.761	43	57738	52.045	ug/l		100
60) Dibromochloromethane	10.914	129	23423	10.694	ug/l		99
61) 1,2-Dibromoethane	11.018	107	17302	10.847	ug/l		96
64) Tetrachloroethene	10.652	164	28680	11.144	ug/l		97
65) Chlorobenzene	11.444	112	70845	10.789	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	23209	10.427	ug/l		96
67) Ethyl Benzene	11.524	91	126556	10.350	ug/l		100
68) m/p-Xylenes	11.633	106	94535	20.427	ug/l		99
69) o-Xylene	11.956	106	45374	10.476	ug/l		99
70) Styrene	11.975	104	72373	10.092	ug/l		98
71) Bromoform	12.133	173	12637	10.804	ug/l	#	99
73) Isopropylbenzene	12.255	105	118344	10.695	ug/l		99
74) N-amyl acetate	12.072	43	29609	10.581	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.511	83	20264	11.276	ug/l		96
76) 1,2,3-Trichloropropane	12.560	75	16751m	9.239	ug/l		
77) Bromobenzene	12.536	156	25392	10.827	ug/l		98
78) n-propylbenzene	12.597	91	143414	10.648	ug/l		100
79) 2-Chlorotoluene	12.682	91	75325	10.591	ug/l		98
80) 1,3,5-Trimethylbenzene	12.737	105	91121	10.532	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	7009	11.084	ug/l		96
82) 4-Chlorotoluene	12.779	91	78689	10.676	ug/l		100
83) tert-Butylbenzene	12.999	119	81823	10.367	ug/l		97
84) 1,2,4-Trimethylbenzene	13.048	105	90848	10.495	ug/l		98
85) sec-Butylbenzene	13.176	105	127776	10.678	ug/l		100
86) p-Isopropyltoluene	13.291	119	99940	10.158	ug/l		99
87) 1,3-Dichlorobenzene	13.291	146	48971	10.437	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	49834	10.900	ug/l		98
89) n-Butylbenzene	13.621	91	97544	10.413	ug/l		99
90) Hexachloroethane	13.877	117	20466	10.631	ug/l		96
91) 1,2-Dichlorobenzene	13.663	146	43460	10.781	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3014	11.095	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	23710	10.760	ug/l		98
94) Hexachlorobutadiene	15.023	225	13179	10.951	ug/l		99
95) Naphthalene	15.145	128	44061	10.434	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	19814	10.581	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

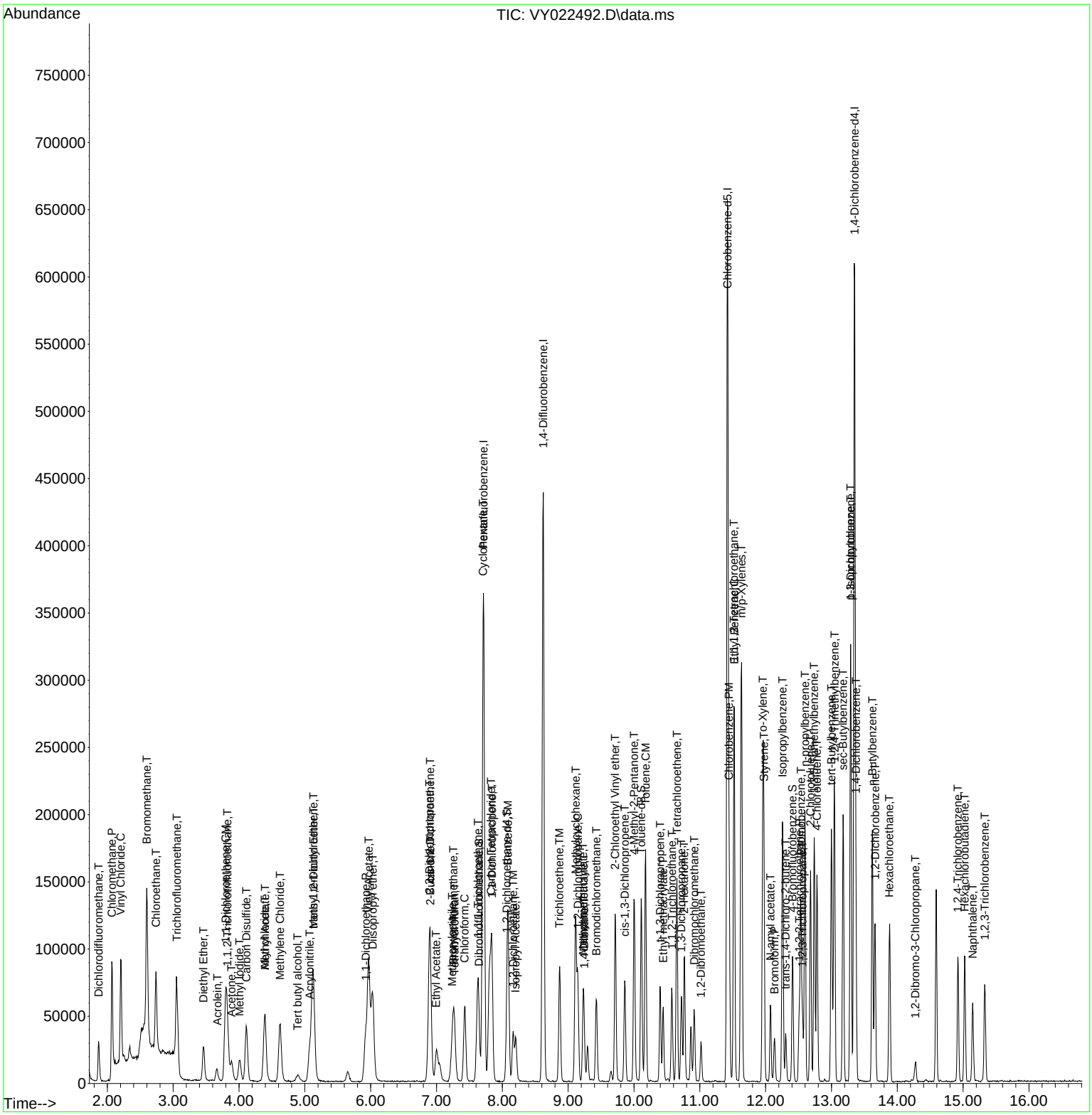
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

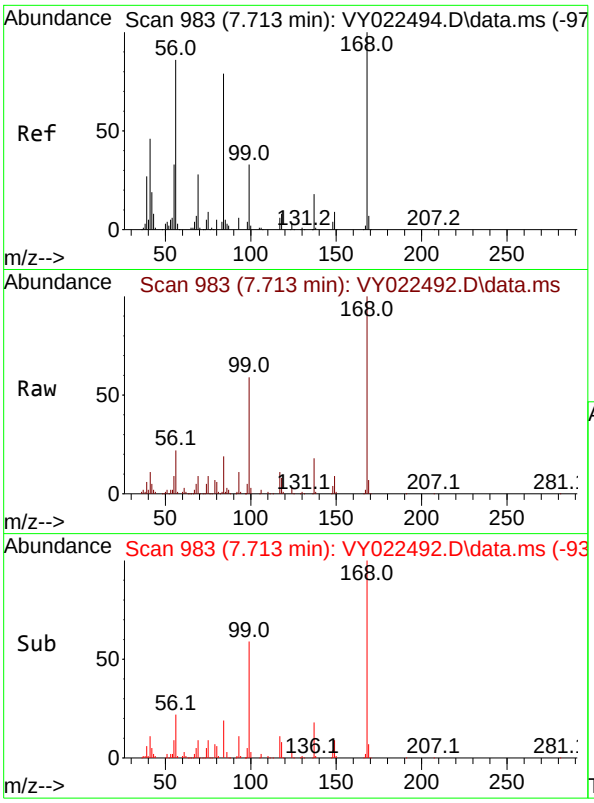
Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:168 Resp: 21123

Ion	Ratio	Lower	Upper
168	100		
99	58.9	44.3	66.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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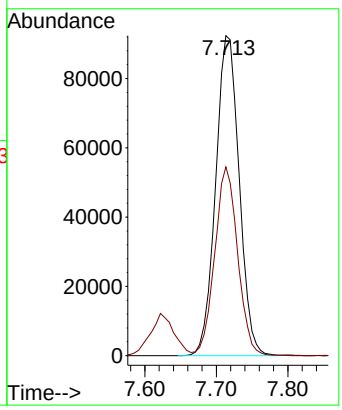
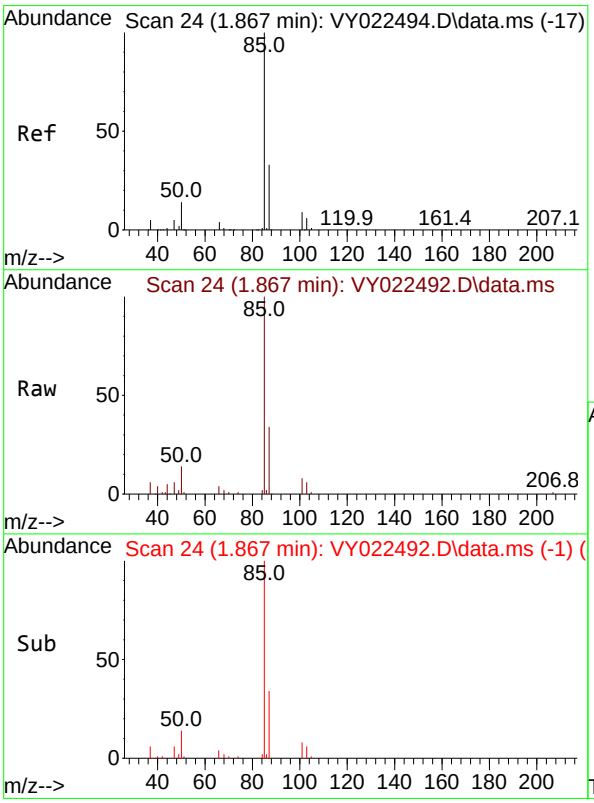
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

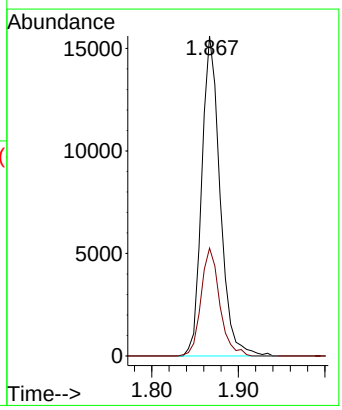


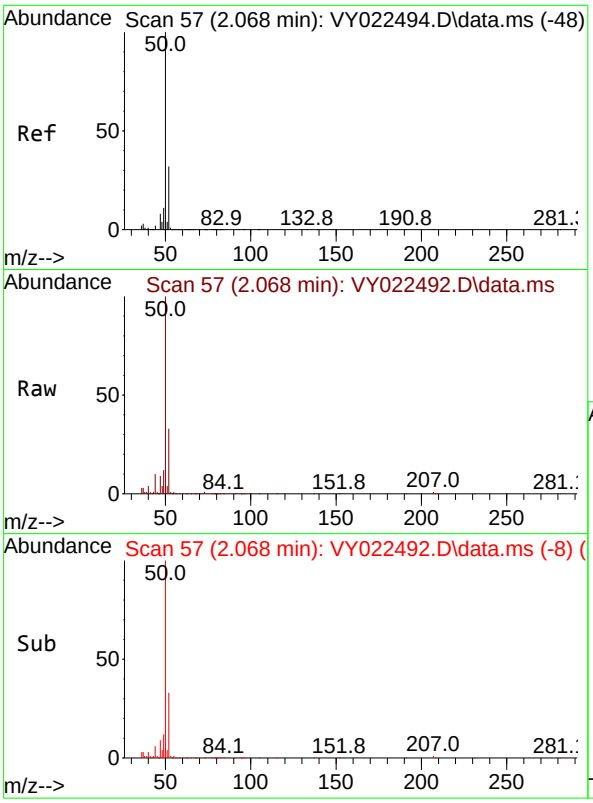


#2
Dichlorodifluoromethane
Concen: 12.412 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 85 Resp: 22911

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.7	50.0





#3
Chloromethane
Concen: 12.339 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 50 Resp: 6719

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.0	39.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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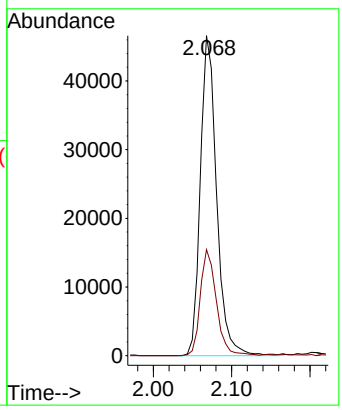
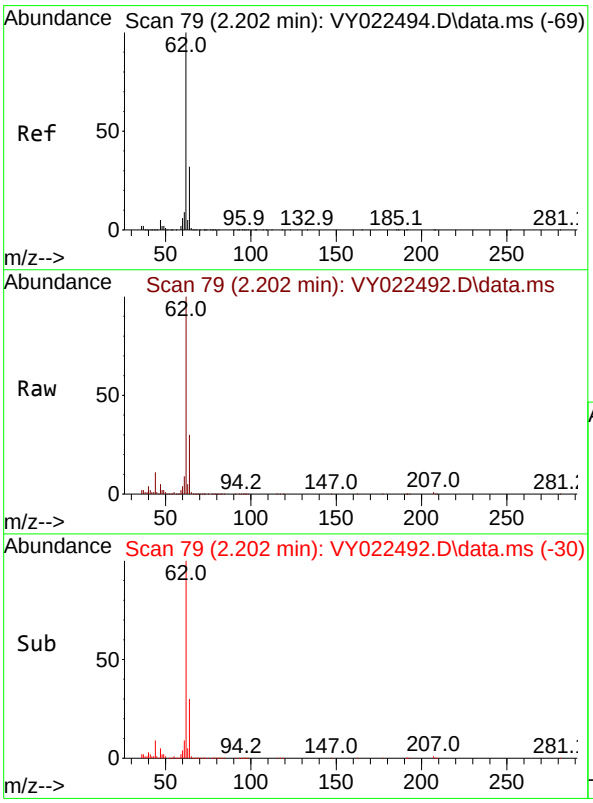
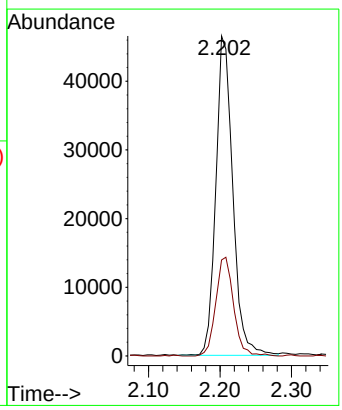


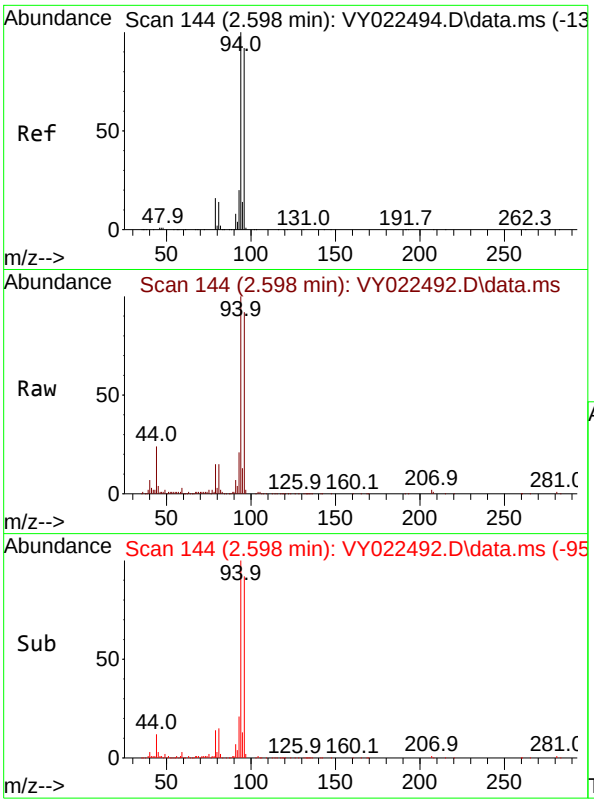


#4
Vinyl Chloride
Concen: 12.027 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 62 Resp: 76656

Ion	Ratio	Lower	Upper
62	100		
64	30.1	25.3	37.9

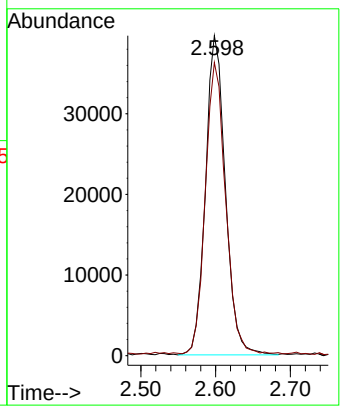




#5
Bromomethane
Concen: 12.157 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 94 Resp: 7328

Ion	Ratio	Lower	Upper
94	100		
96	91.1	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
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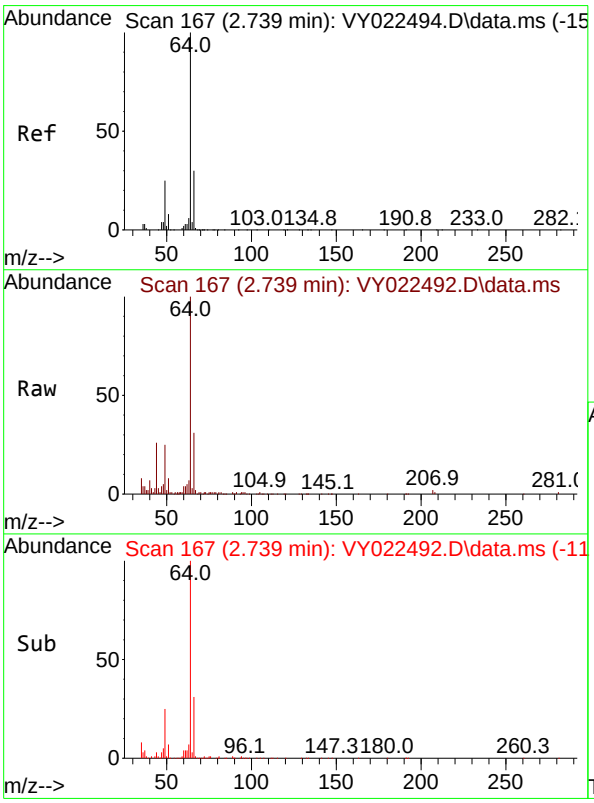
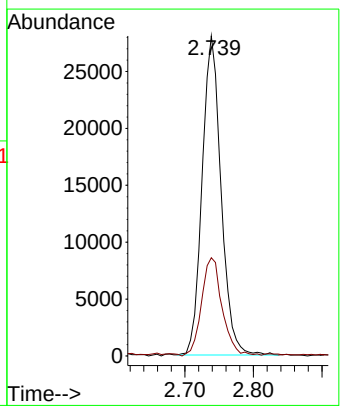
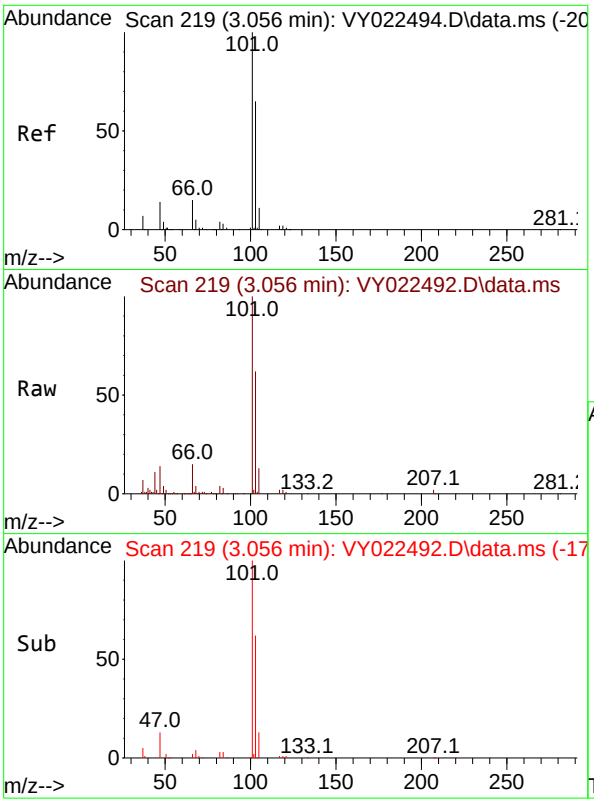


#6
Chloroethane
Concen: 12.374 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 64 Resp: 53992

Ion	Ratio	Lower	Upper
64	100		
66	30.3	23.8	35.6

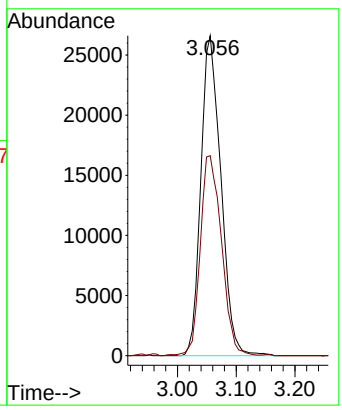




#7
Trichlorofluoromethane
Concen: 11.642 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:101 Resp: 6304

Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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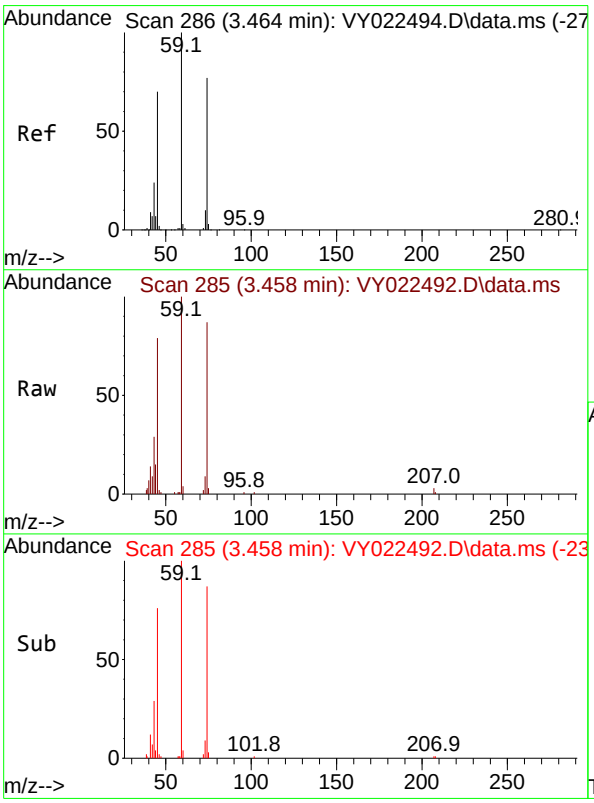
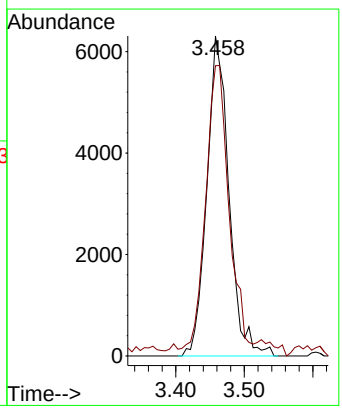
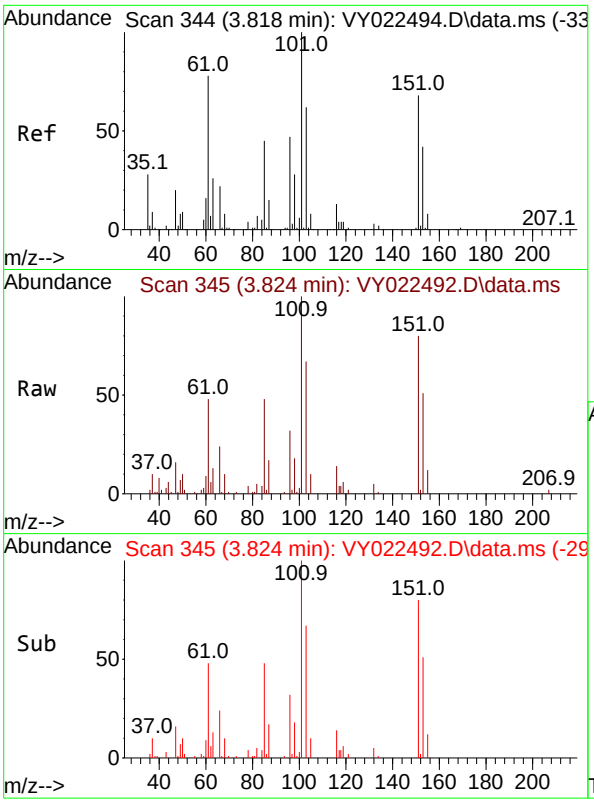


#8
Diethyl Ether
Concen: 11.826 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 74 Resp: 14144

Ion	Ratio	Lower	Upper
74	100		
45	91.9	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.445 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:101 Resp: 2599

Ion	Ratio	Lower	Upper
101	100		
85	48.6	39.3	58.9
151	71.3	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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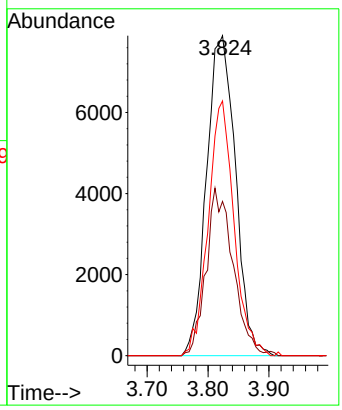
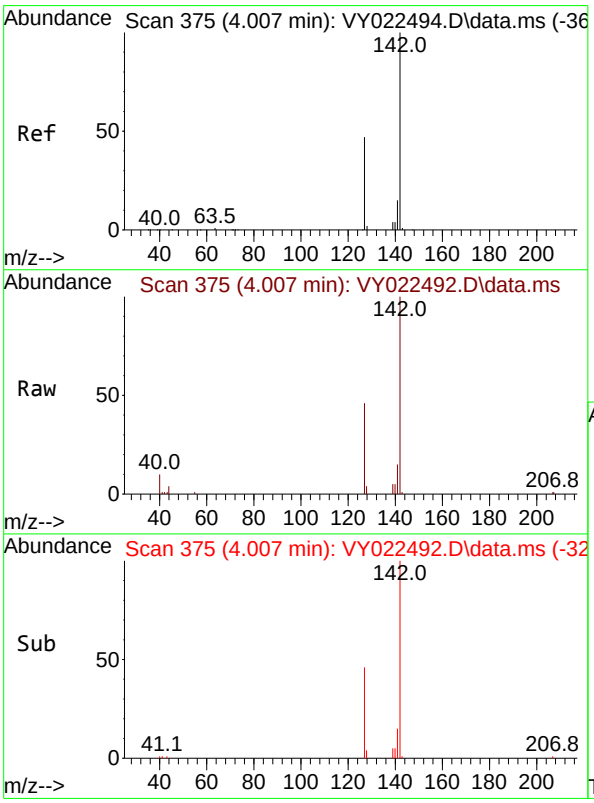
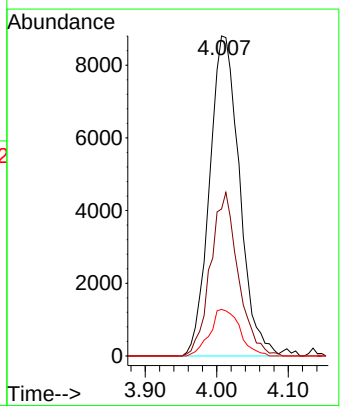


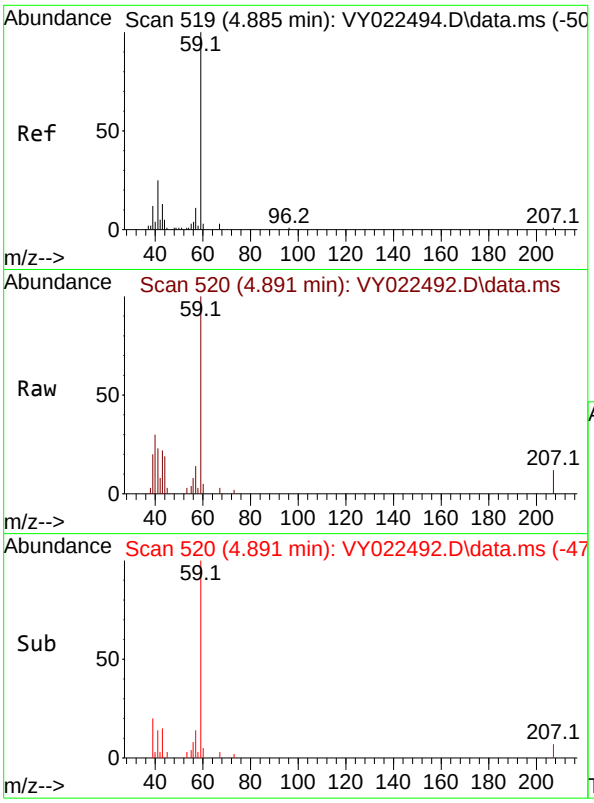


#10
Methyl Iodide
Concen: 10.505 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:142 Resp: 25590

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.1	55.7
141	14.6	11.4	17.2

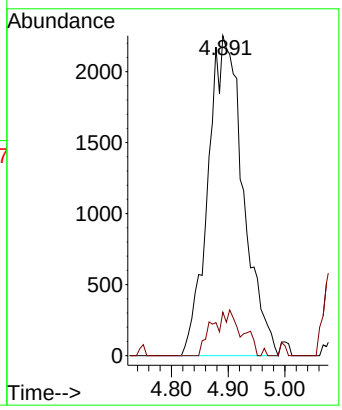




#11
Tert butyl alcohol
Concen: 59.275 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 59 Resp: 973

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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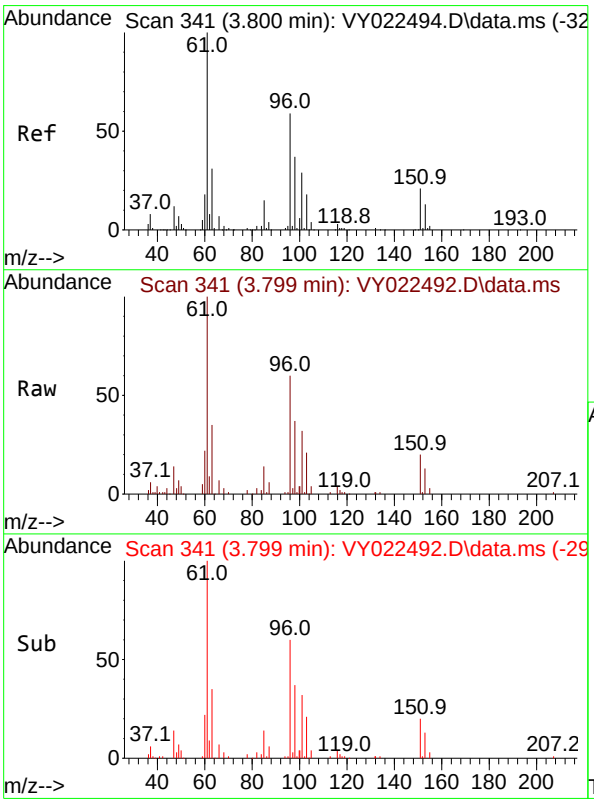
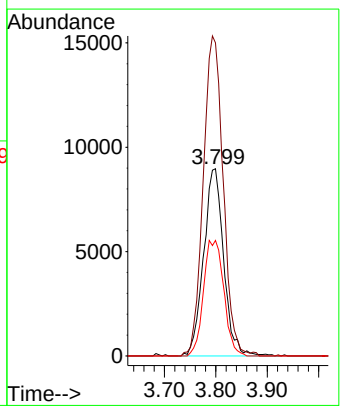
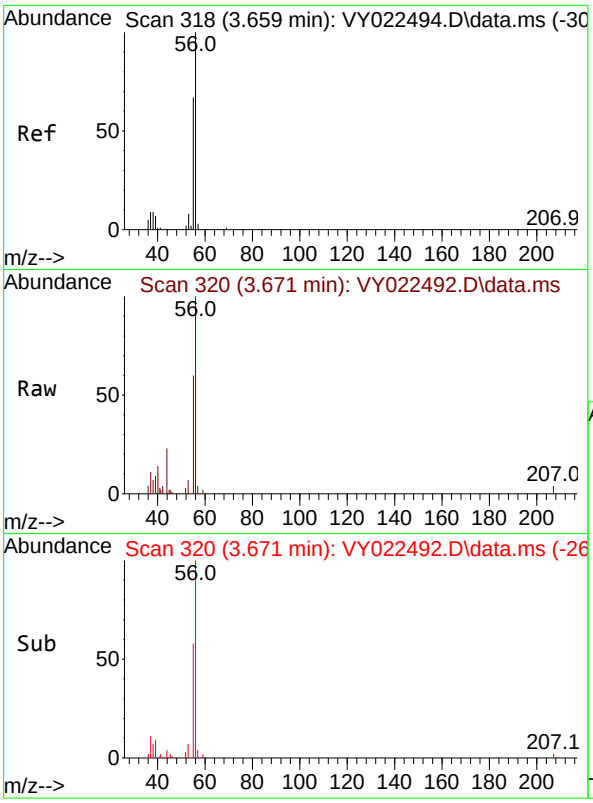


#12
1,1-Dichloroethene
Concen: 11.240 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 96 Resp: 24370

Ion	Ratio	Lower	Upper
96	100		
61	167.3	134.6	201.8
98	61.7	50.2	75.4

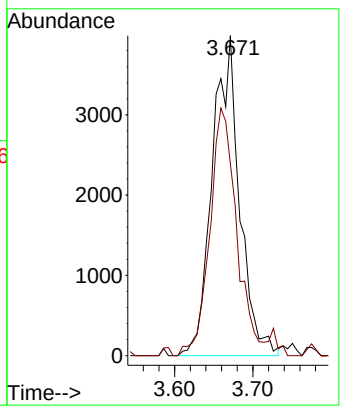




#13
Acrolein
Concen: 48.151 ug/l
RT: 3.671 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 56 Resp: 965

Ion	Ratio	Lower	Upper
56	100		
55	76.0	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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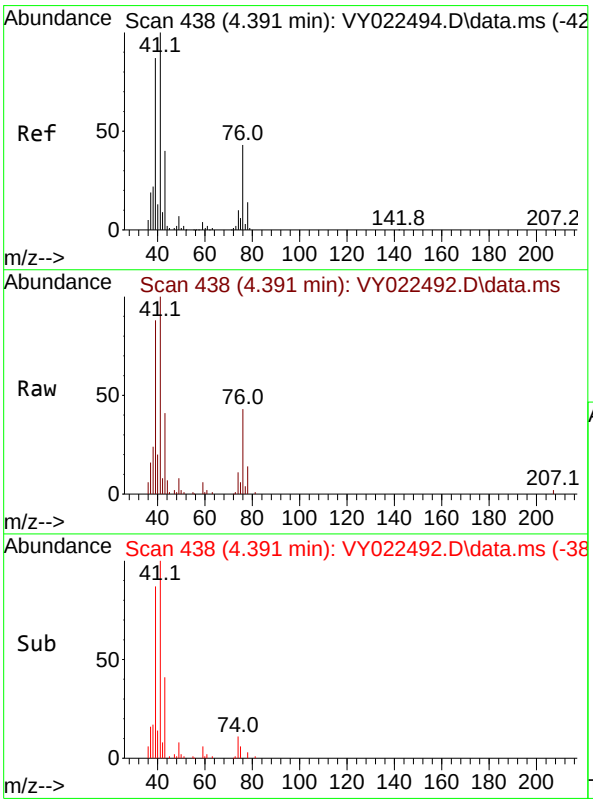
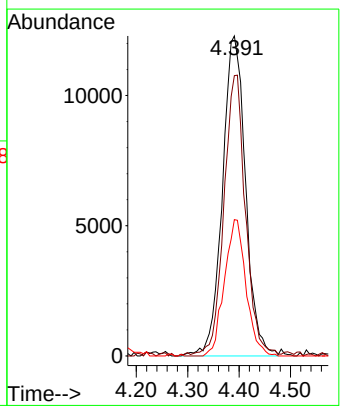
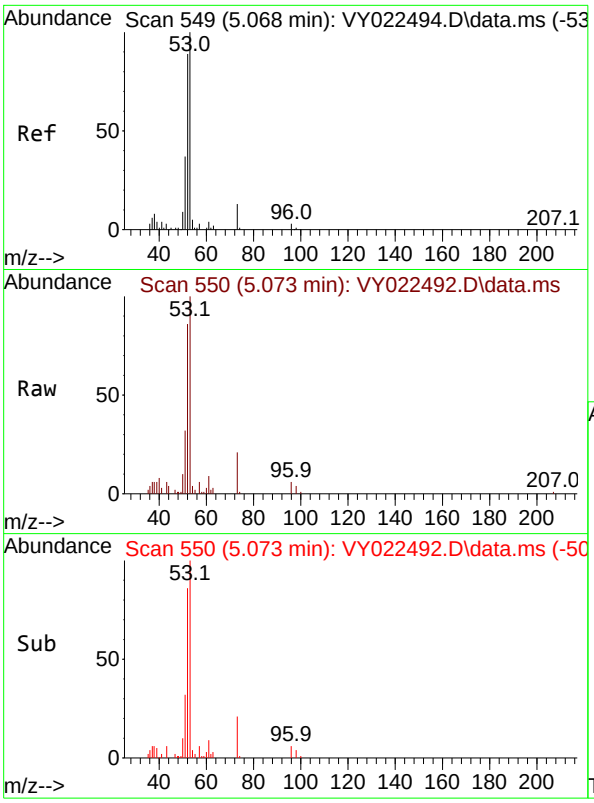


#14
Allyl chloride
Concen: 11.389 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 41 Resp: 38482

Ion	Ratio	Lower	Upper
41	100		
39	80.5	69.1	103.7
76	39.7	33.5	50.3

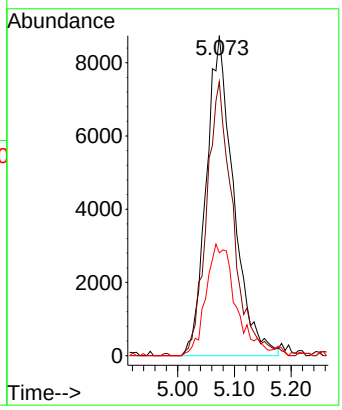




#15
Acrylonitrile
Concen: 57.299 ug/l
RT: 5.073 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 53 Resp: 2915

Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.7	98.5
51	38.3	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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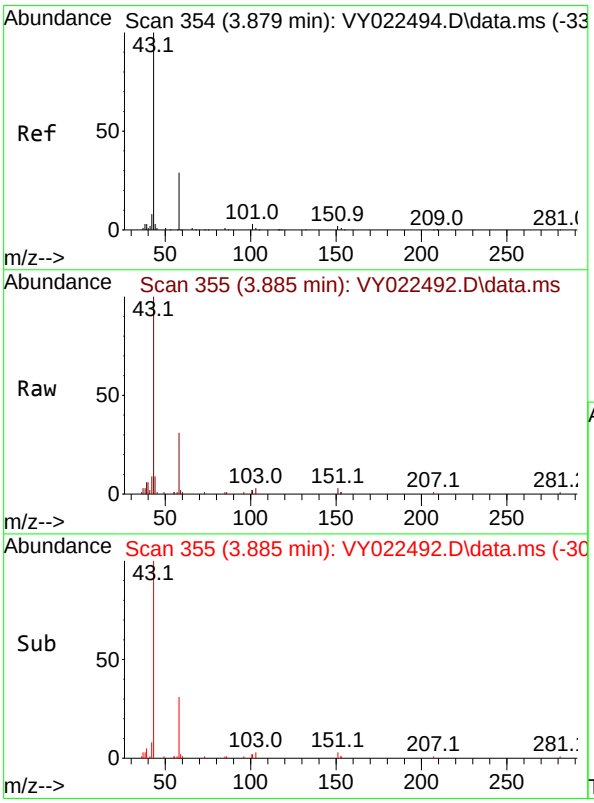
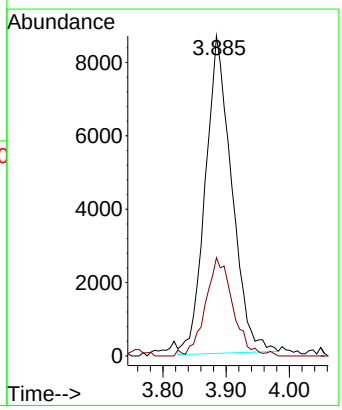
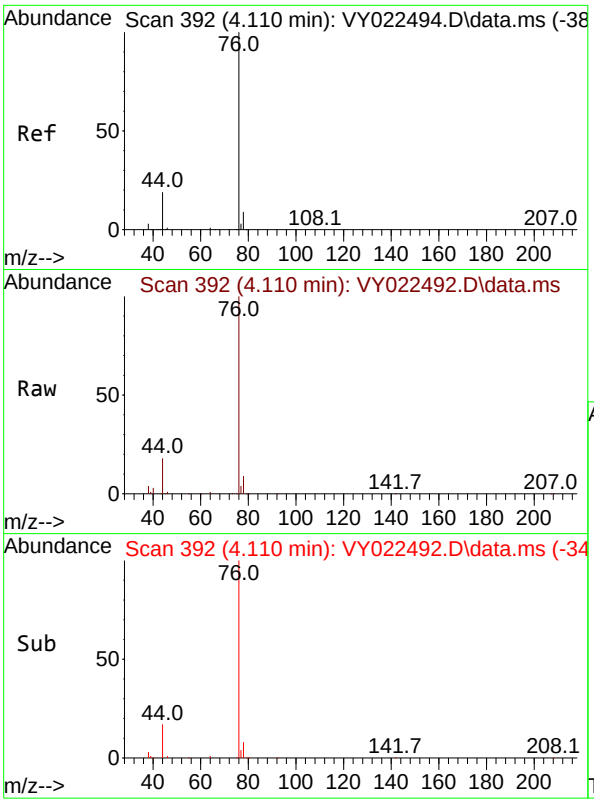


#16
Acetone
Concen: 55.166 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 25066

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.0	36.0





#17
Carbon Disulfide
Concen: 11.413 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 76 Resp: 7900

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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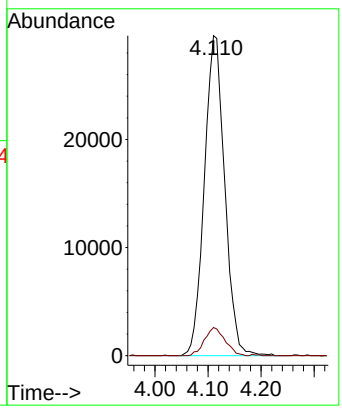
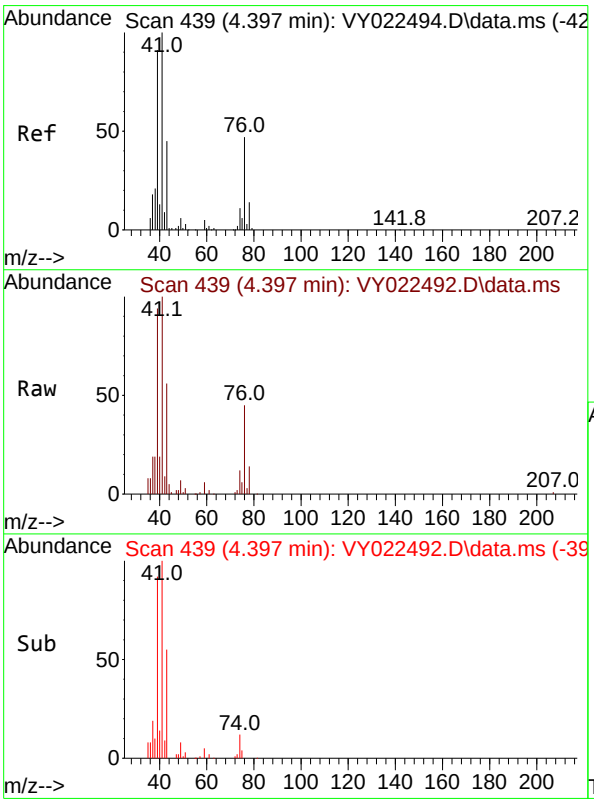
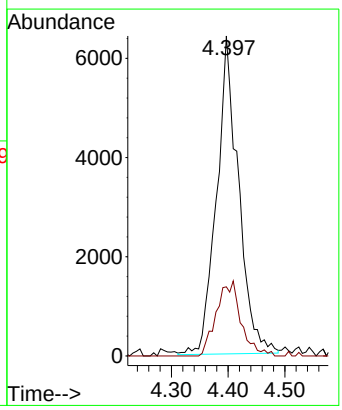


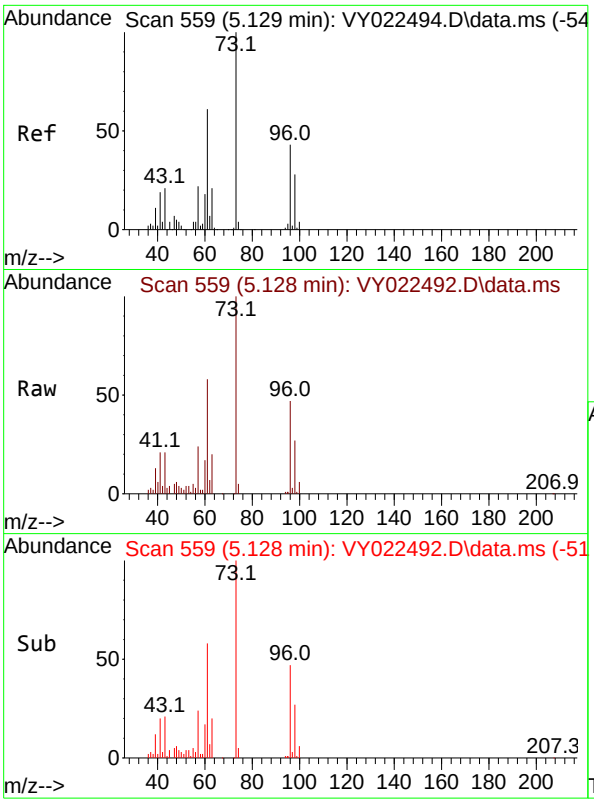


#18
Methyl Acetate
Concen: 12.603 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 17228

Ion	Ratio	Lower	Upper
43	100		
74	26.4	19.8	29.6

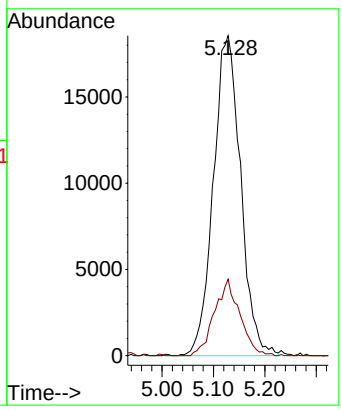




#19
Methyl tert-butyl Ether
Concen: 11.296 ug/l
RT: 5.128 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 73 Resp: 6833

Ion	Ratio	Lower	Upper
73	100		
57	23.9	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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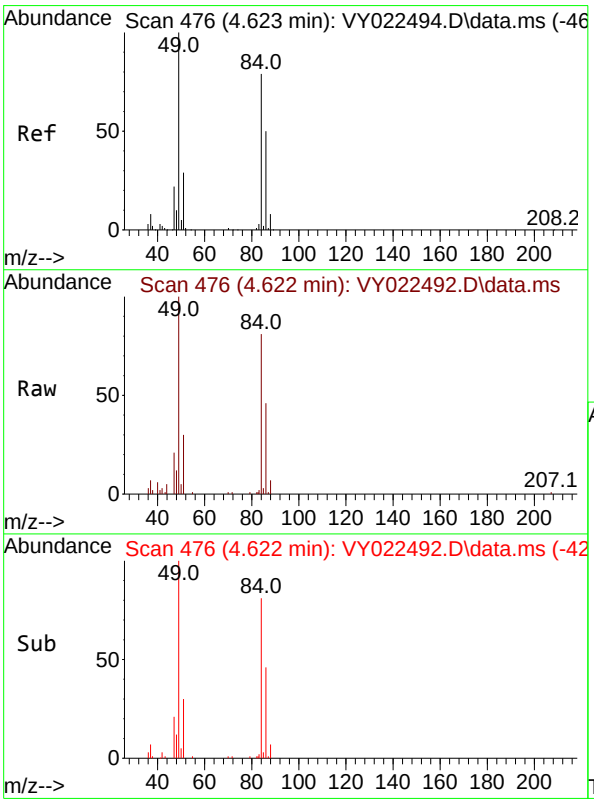
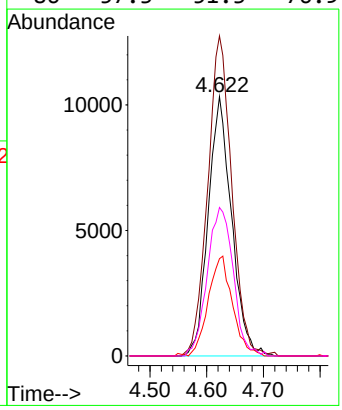
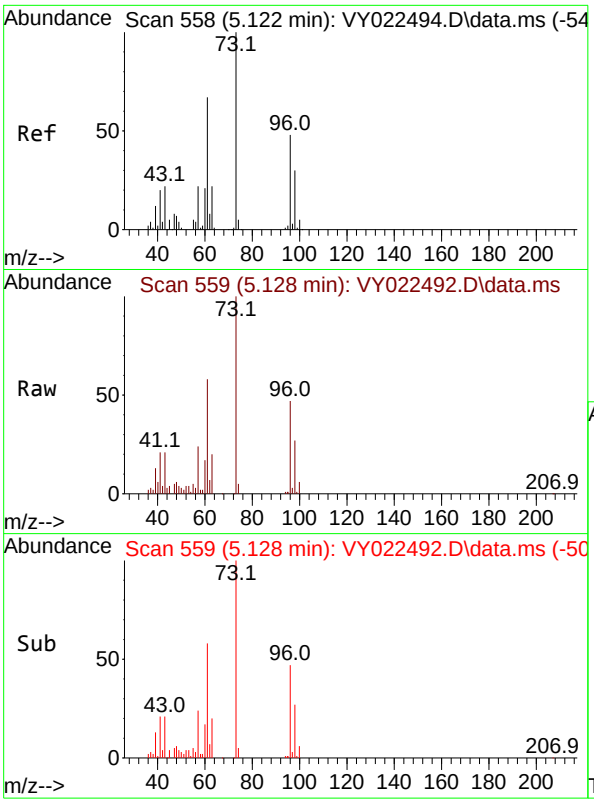


#20
Methylene Chloride
Concen: 11.655 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 84 Resp: 29569

Ion	Ratio	Lower	Upper
84	100		
49	123.4	101.9	152.9
51	37.5	29.8	44.8
86	57.3	51.3	76.9

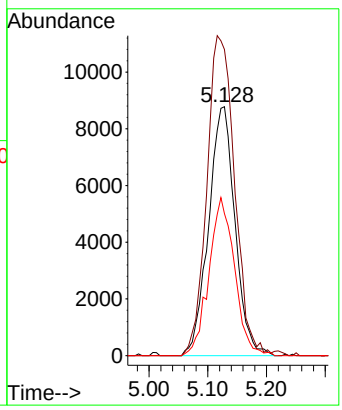




#21
trans-1,2-Dichloroethene
Concen: 11.350 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 96 Resp: 2749

Ion	Ratio	Lower	Upper
96	100		
61	123.0	112.6	169.0
98	57.1	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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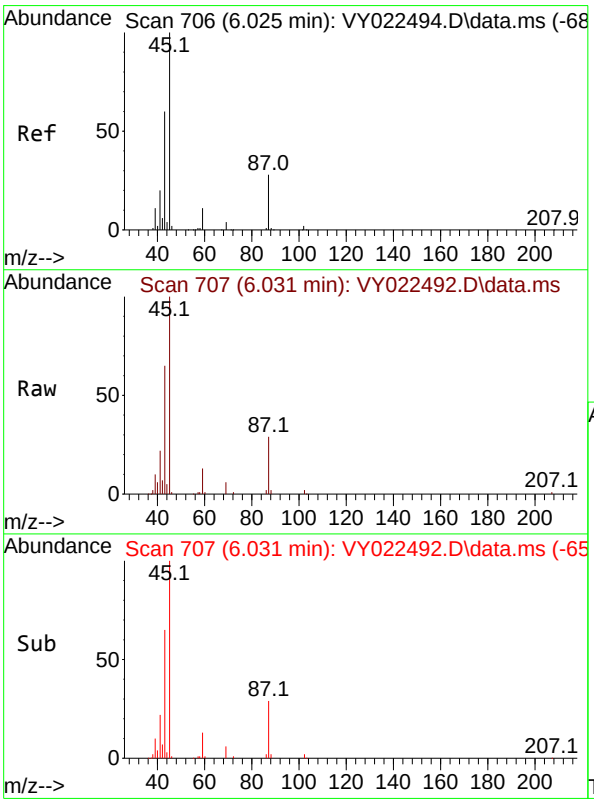
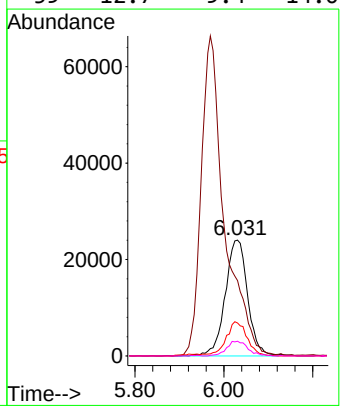
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

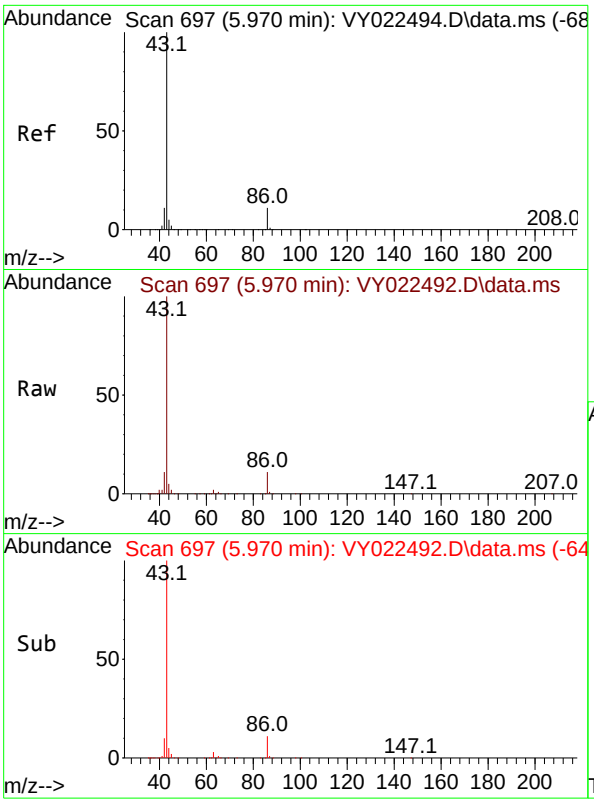


#22
Diisopropyl ether
Concen: 11.156 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 45 Resp: 83814

Ion	Ratio	Lower	Upper
45	100		
43	64.5	48.3	72.5
87	28.5	23.0	34.6
59	12.7	9.4	14.0





#23
Vinyl Acetate
Concen: 54.152 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 24136

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
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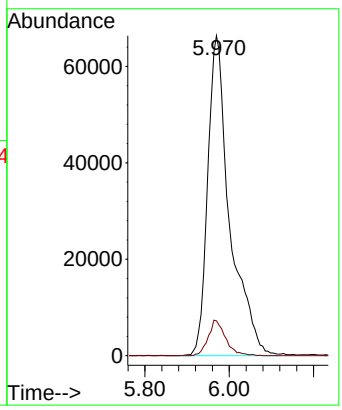
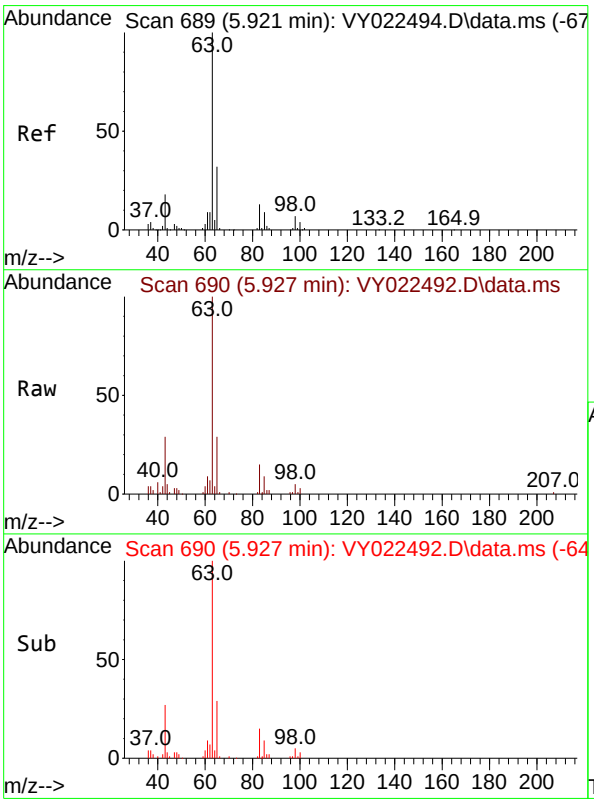
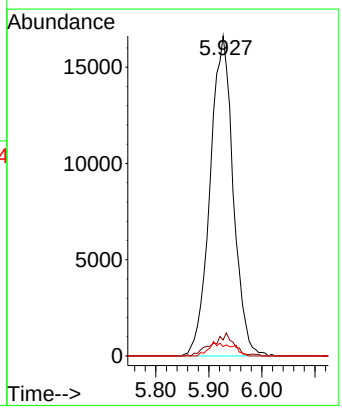


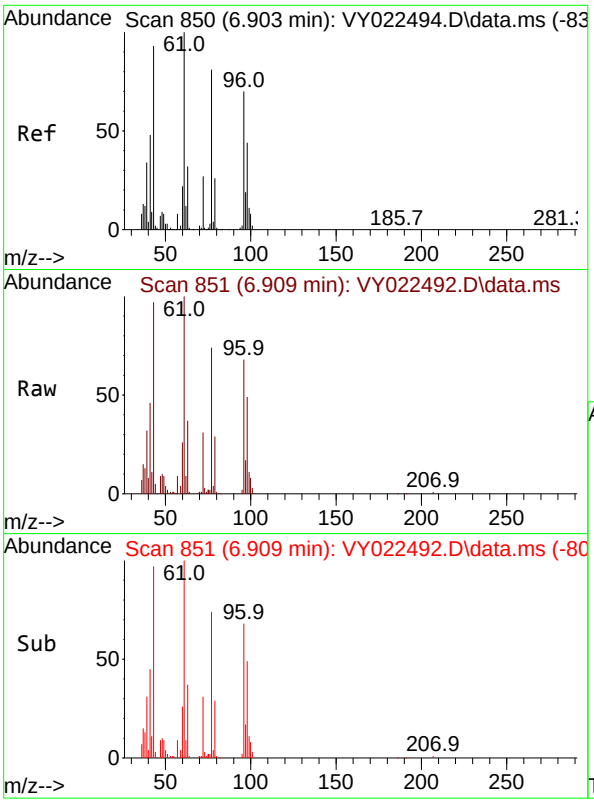


#24
1,1-Dichloroethane
Concen: 11.346 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 63 Resp: 50391

Ion	Ratio	Lower	Upper
63	100		
98	5.0	3.4	10.1
100	3.0	2.1	6.3





#25
2-Butanone
Concen: 54.840 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 3675

Ion	Ratio	Lower	Upper
43	100		
72	31.4	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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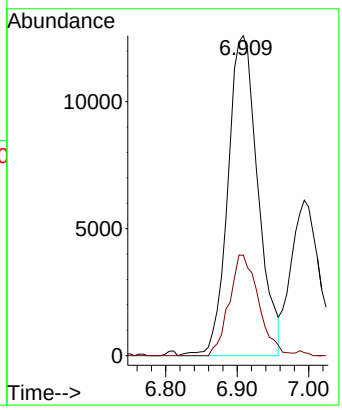
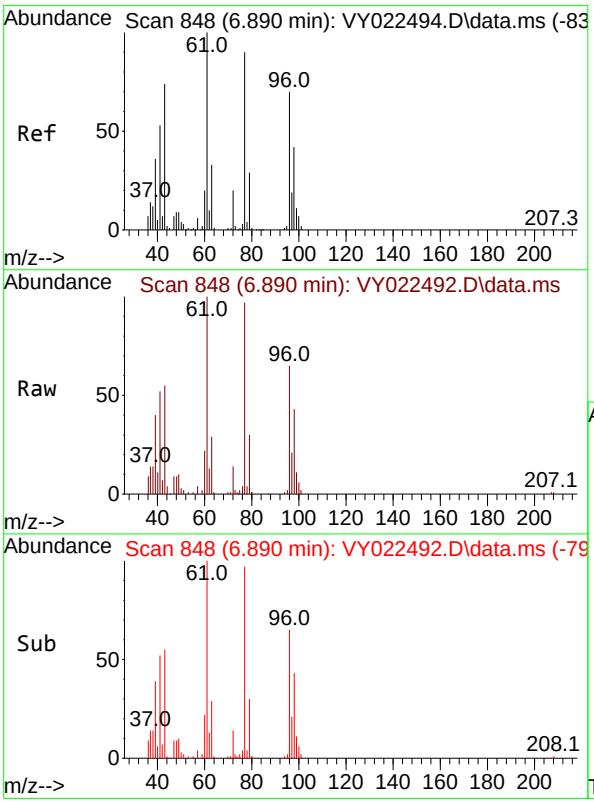
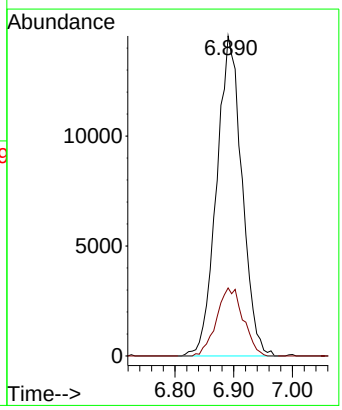


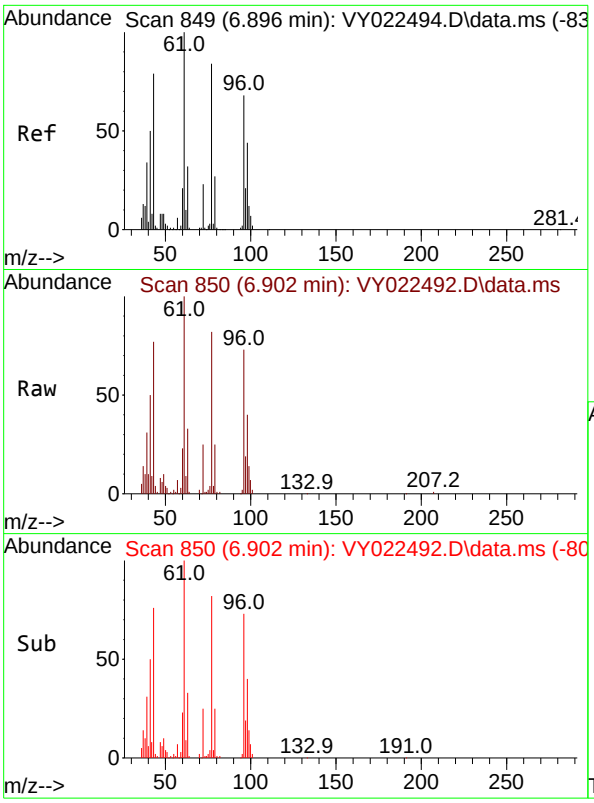


#26
2,2-Dichloropropane
Concen: 11.045 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 77 Resp: 43605

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.2

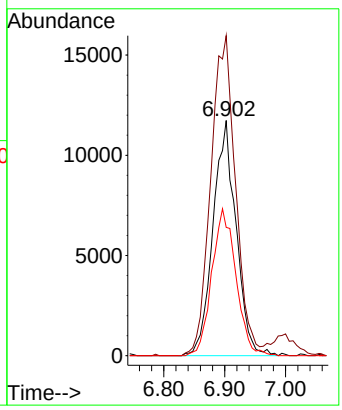




#27
cis-1,2-Dichloroethene
Concen: 11.028 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 96 Resp: 3087

Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	290.0
98	65.3	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
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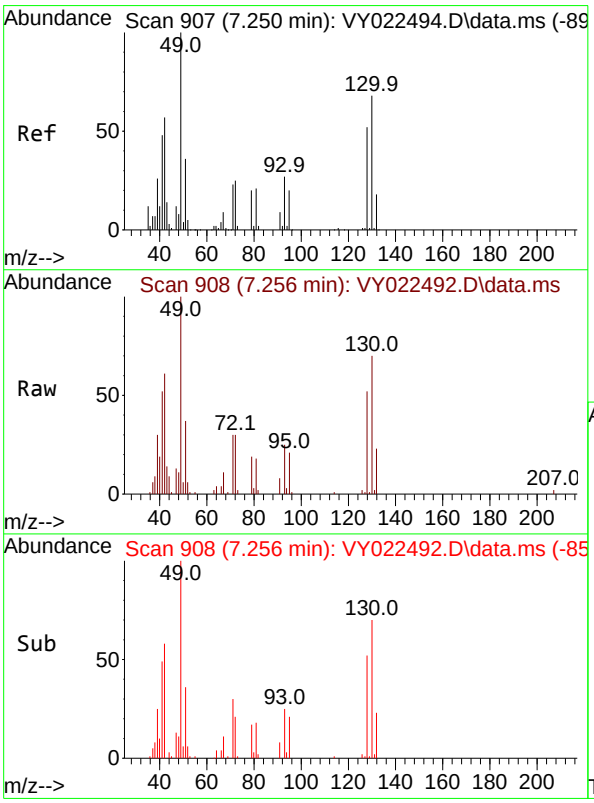
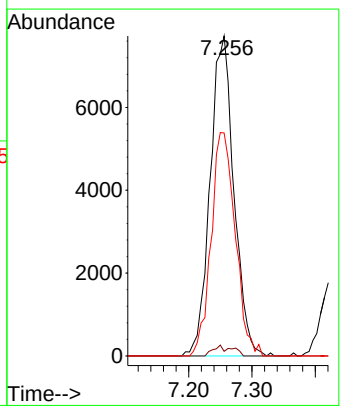
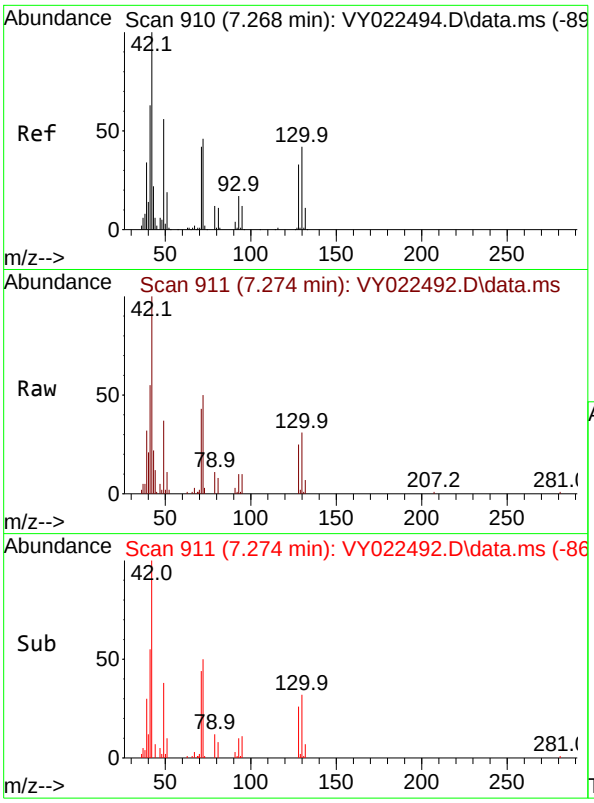


#28
Bromochloromethane
Concen: 10.491 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 49 Resp: 20132

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.6
130	70.8	55.7	83.5

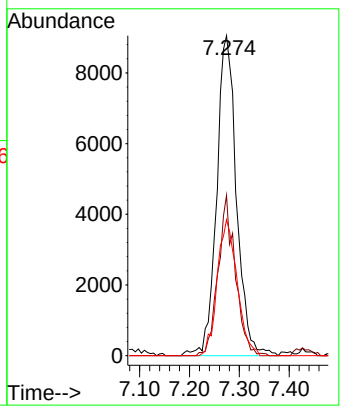




#29
Tetrahydrofuran
Concen: 57.822 ug/l
RT: 7.274 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 42 Resp: 2500

Ion	Ratio	Lower	Upper
42	100		
72	43.5	37.4	56.2
71	42.5	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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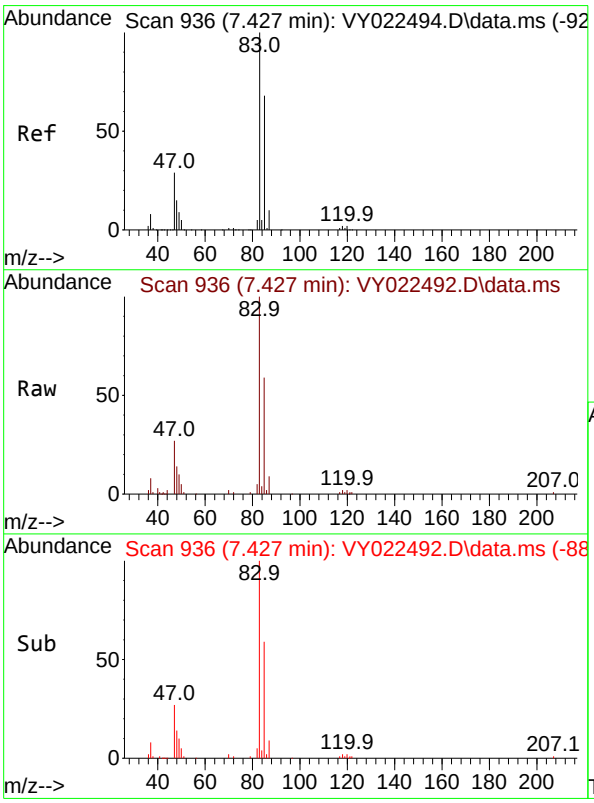
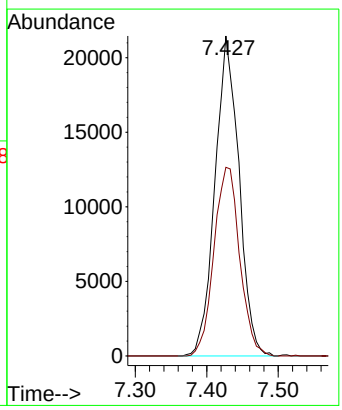
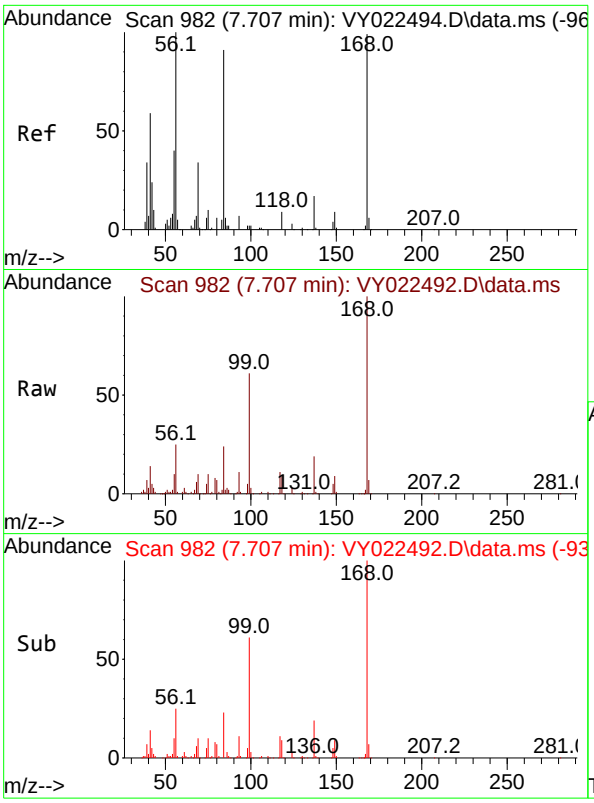


#30
Chloroform
Concen: 11.391 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 49990

Ion	Ratio	Lower	Upper
83	100		
85	59.0	54.2	81.4





#31
Cyclohexane
Concen: 11.422 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 56 Resp: 5105

Ion	Ratio	Lower	Upper
56	100		
69	40.9	27.0	40.6
84	92.7	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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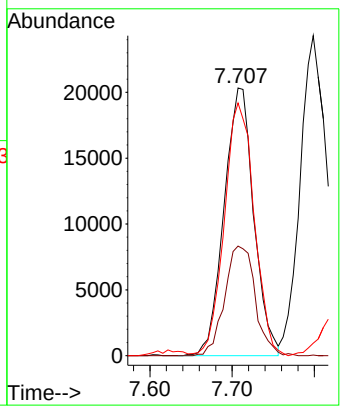
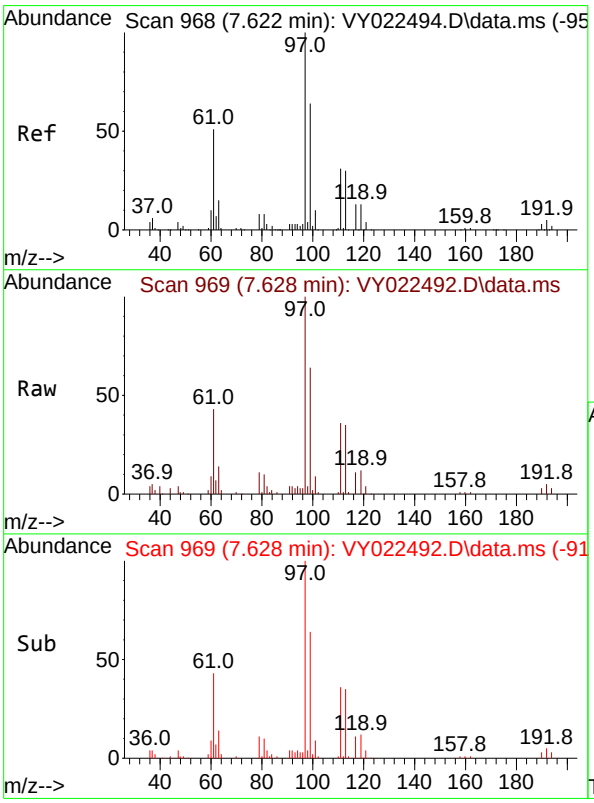
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

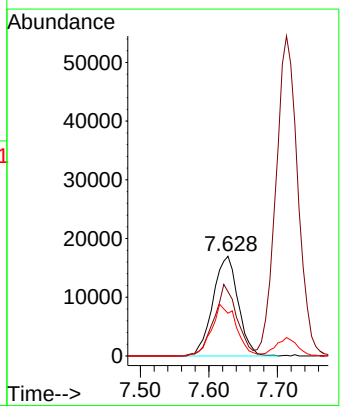


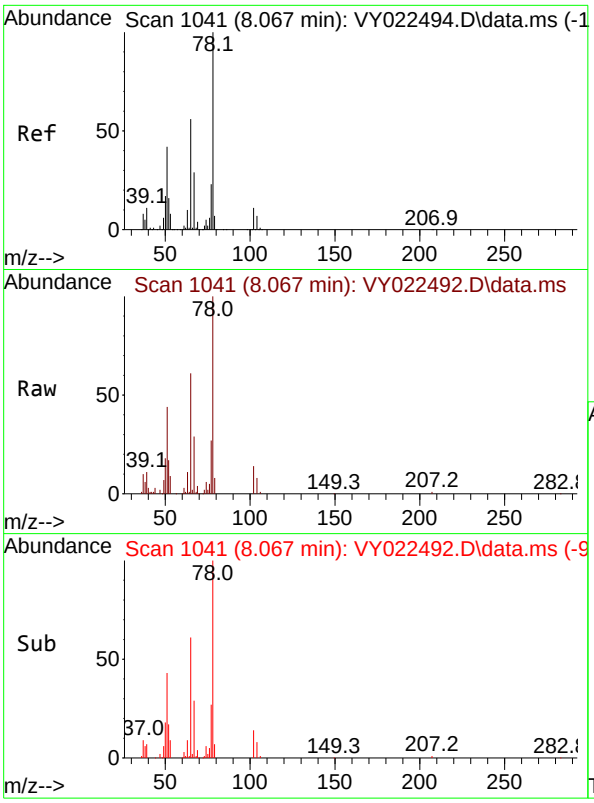


#32
1,1,1-Trichloroethane
Concen: 11.080 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 97 Resp: 43454

Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	50.6	38.5	57.7

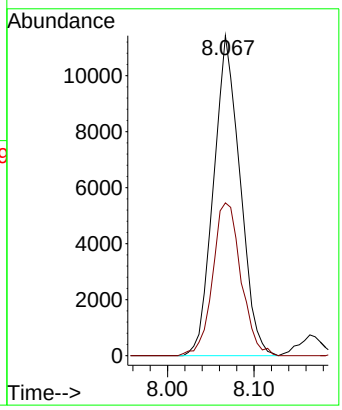




#33
1,2-Dichloroethane-d4
Concen: 10.549 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 65 Resp: 2424

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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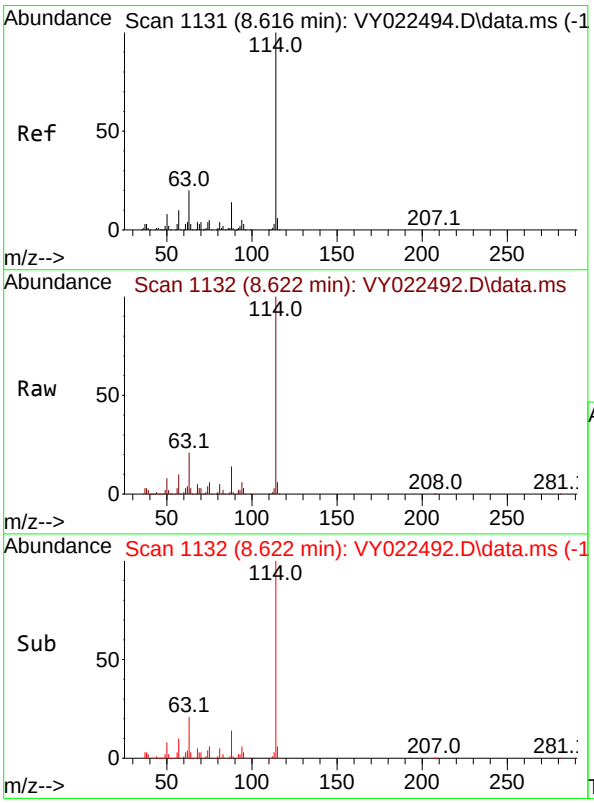
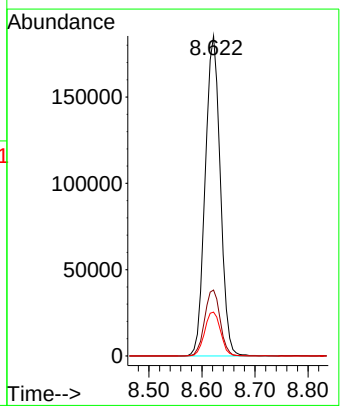
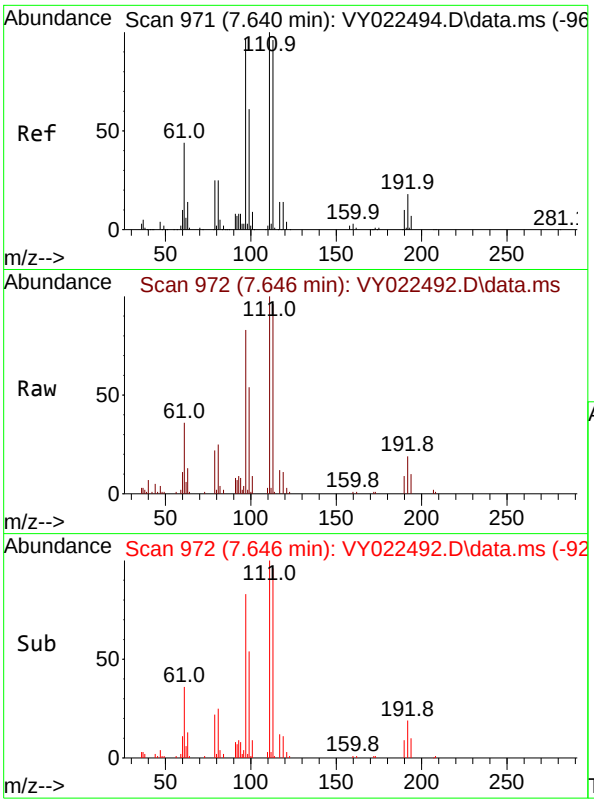


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:114 Resp: 366386

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	13.7	0.0	27.8

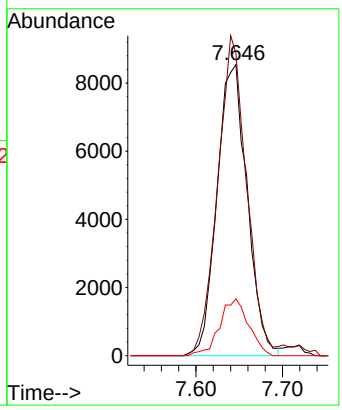




#35
Dibromofluoromethane
Concen: 9.617 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:113 Resp: 2074

Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.1	121.7
192	18.7	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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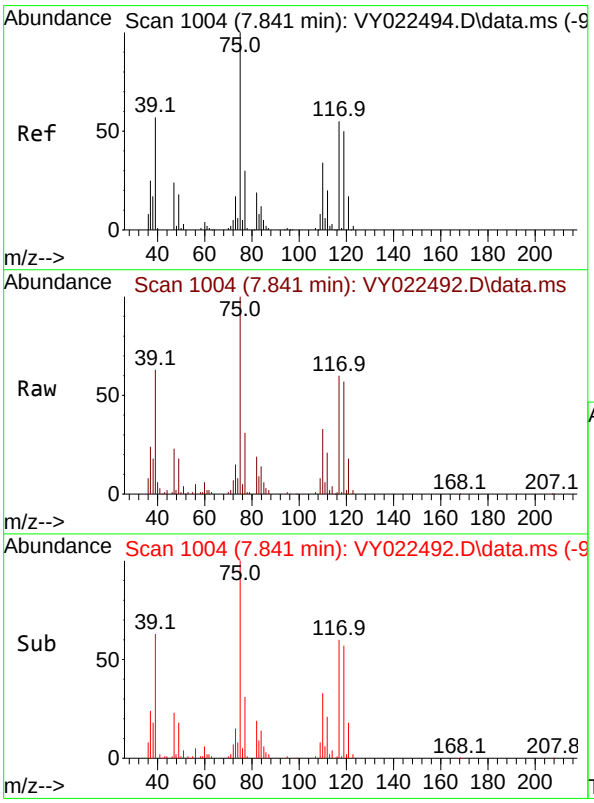
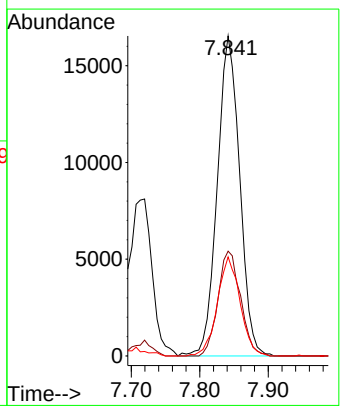
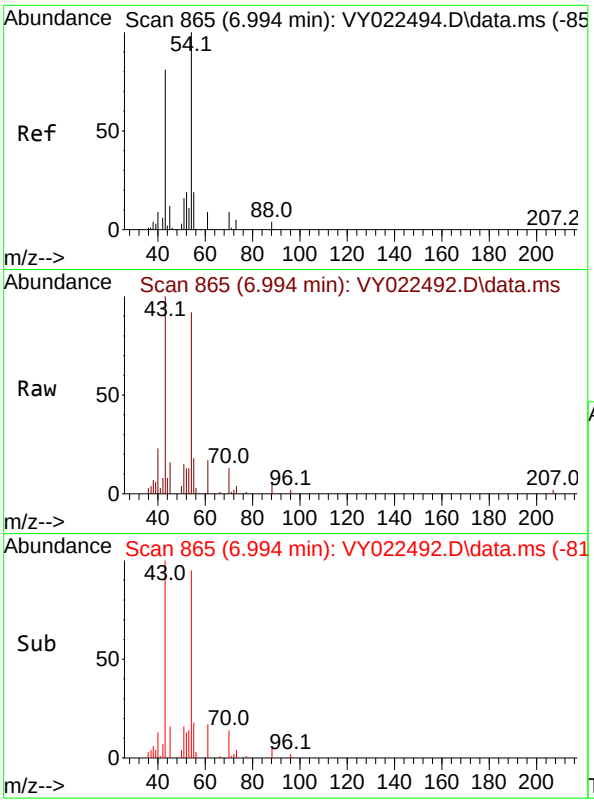


#36
1,1-Dichloropropene
Concen: 10.765 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 37532

Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.9	50.7
77	31.5	24.8	37.2





#37
Ethyl Acetate
Concen: 10.371 ug/l
RT: 6.994 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 1591

Ion	Ratio	Lower	Upper
43	100		
61	18.4	11.5	17.3
70	9.8	7.2	10.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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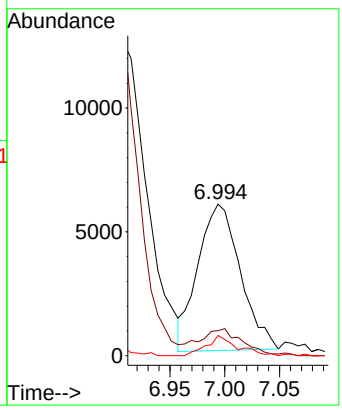
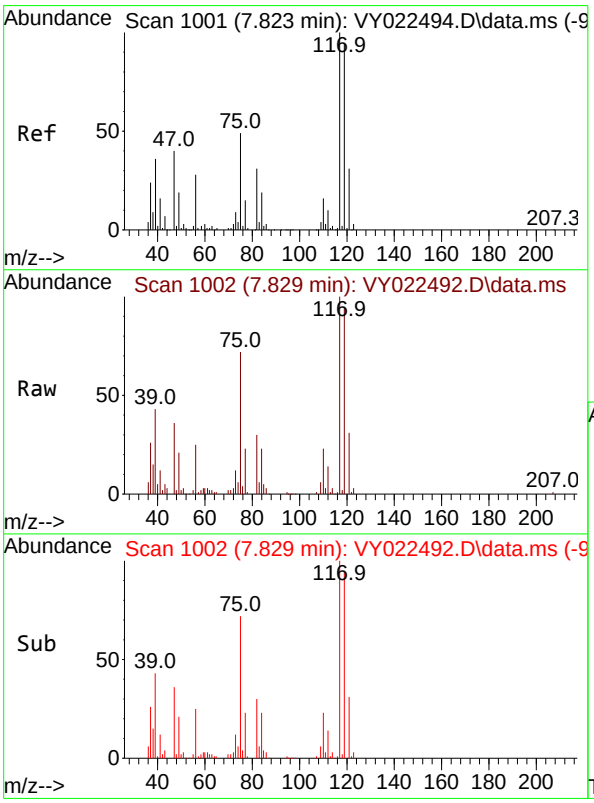
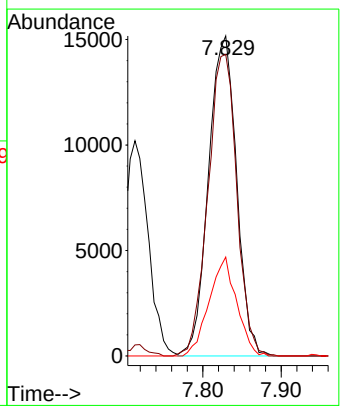


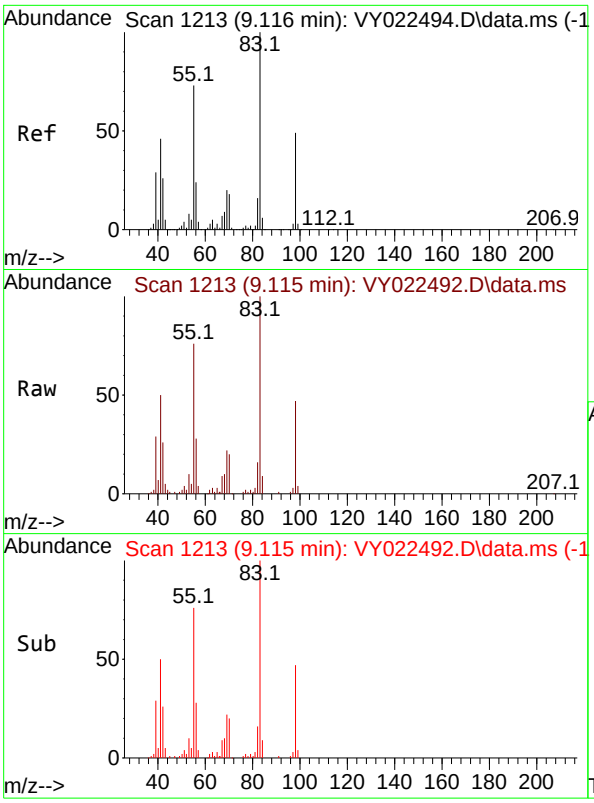


#38
Carbon Tetrachloride
Concen: 10.515 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:117 Resp: 37794

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.0	112.6
121	30.9	25.0	37.4





#39
Methylcyclohexane
Concen: 10.491 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 4941

Ion	Ratio	Lower	Upper
83	100		
55	75.8	58.1	87.1
98	47.5	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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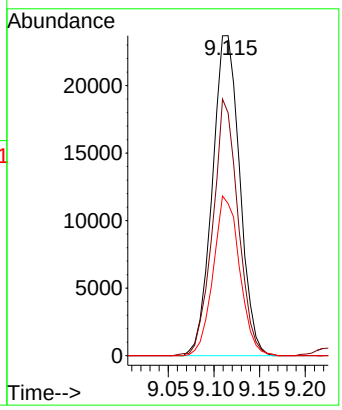
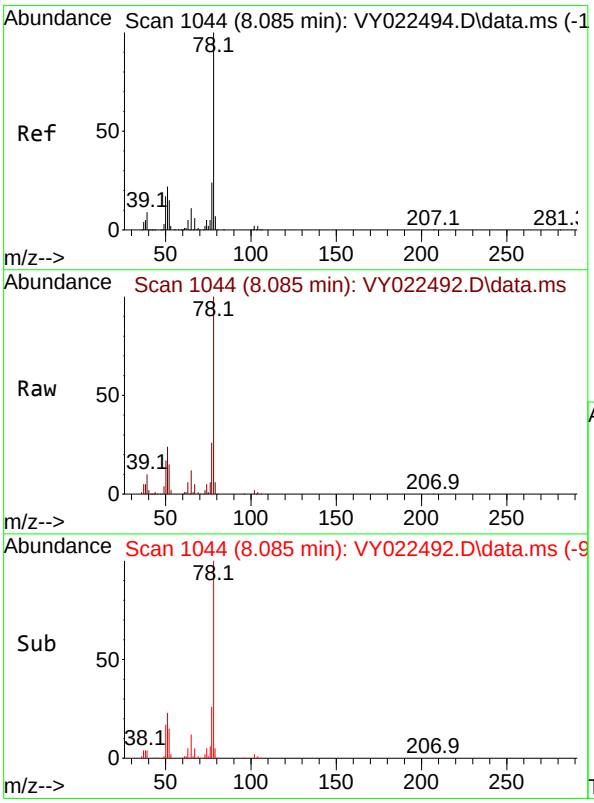
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

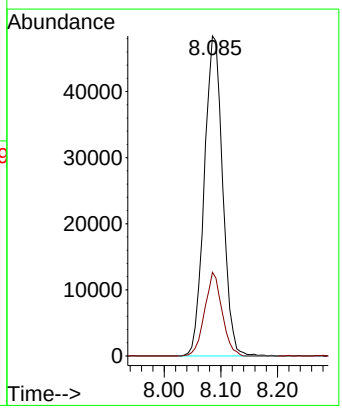


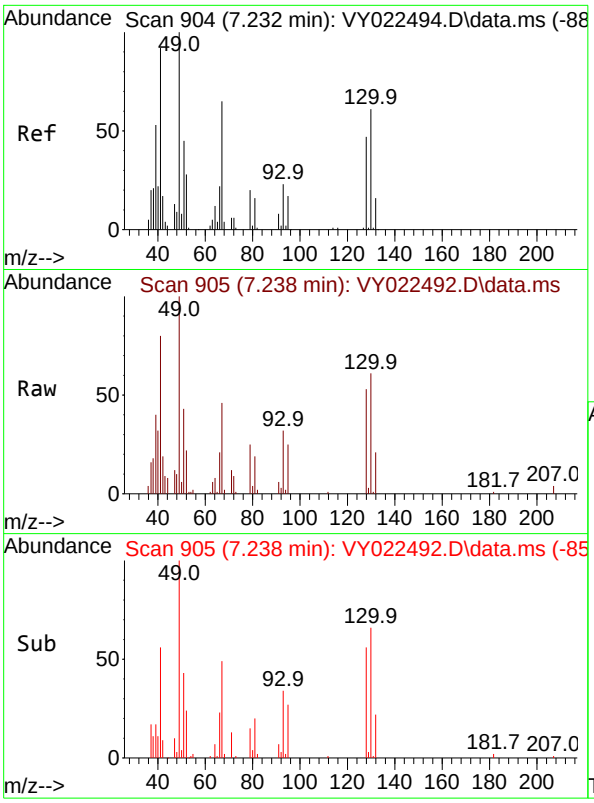


#40
Benzene
Concen: 10.600 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 78 Resp: 108934

Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.3	28.9

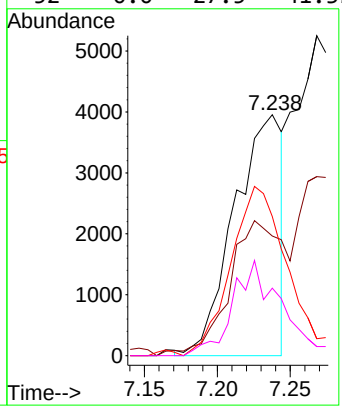




#41
Methacrylonitrile
Concen: 9.151 ug/l m
RT: 7.238 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 41 Resp: 904

Ion	Ratio	Lower	Upper
41	100		
39	83.2	46.6	69.8#
67	0.0	63.3	94.9#
52	0.0	27.5	41.3#



Instrument :
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ClientSampleId :
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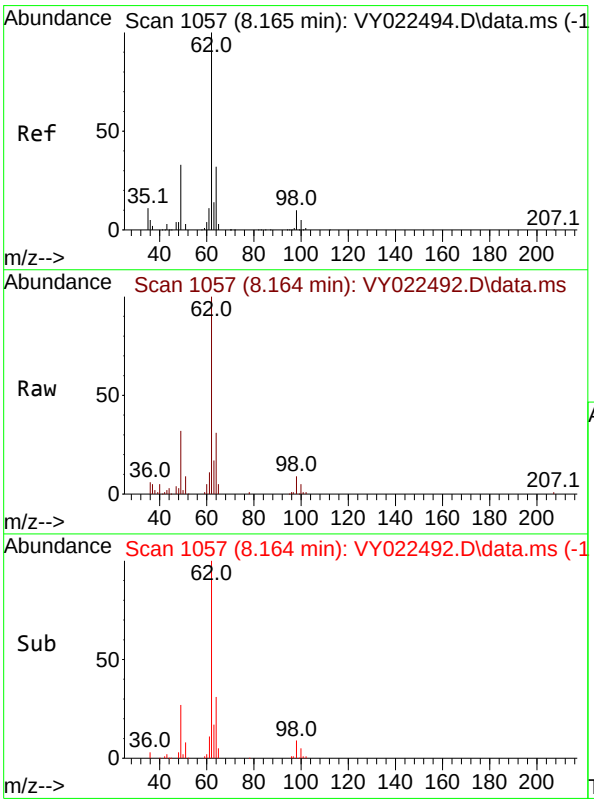
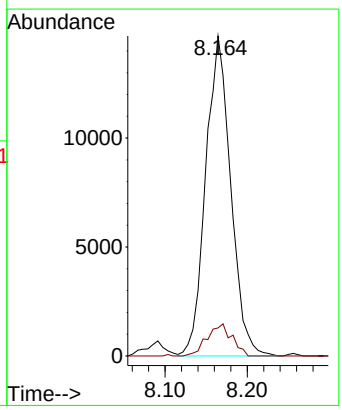
Supervised By :Mahesh Dadoda 06/03/2025

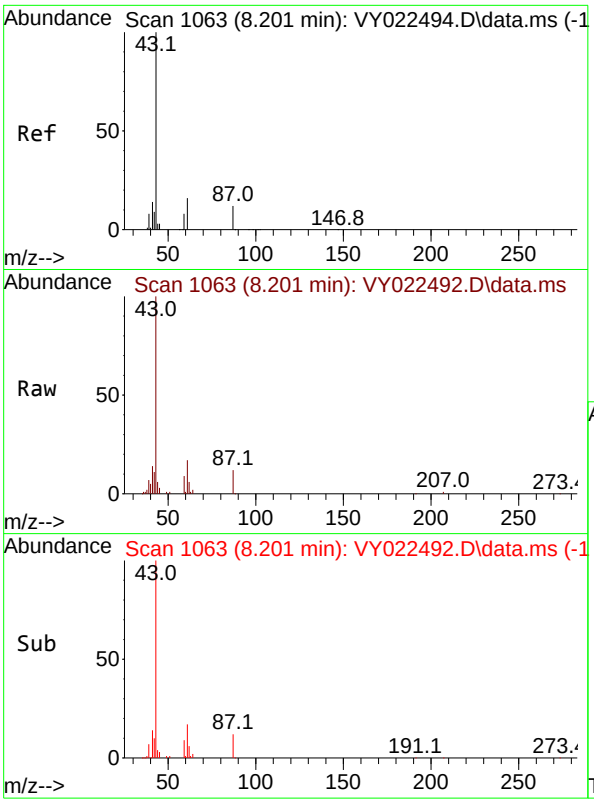


#42
1,2-Dichloroethane
Concen: 11.125 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 62 Resp: 31102

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2

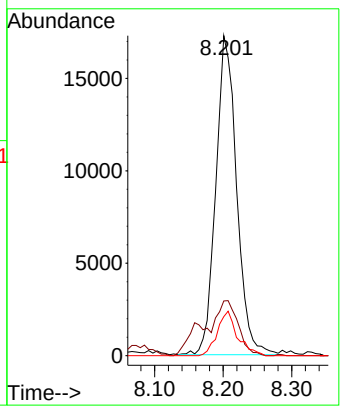




#43
Isopropyl Acetate
Concen: 10.859 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 3641

Ion	Ratio	Lower	Upper
43	100		
61	17.7	15.6	23.4
87	13.4	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
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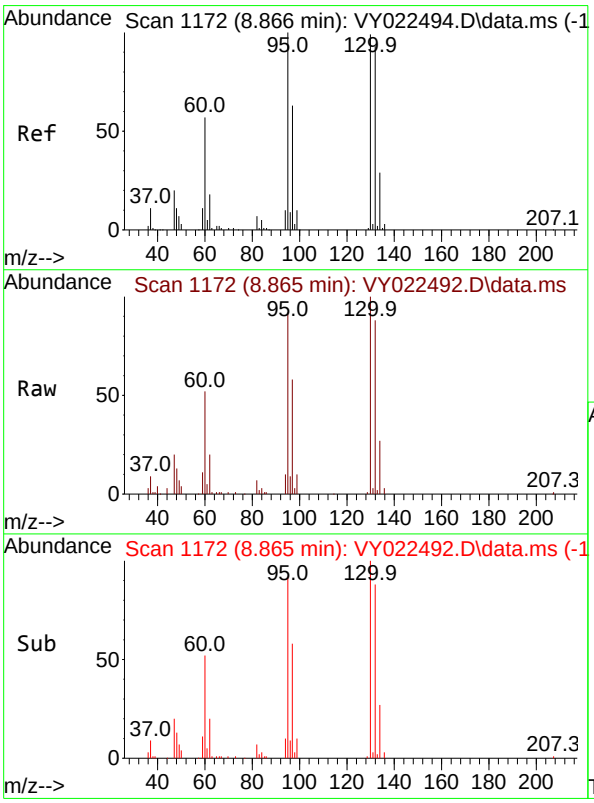
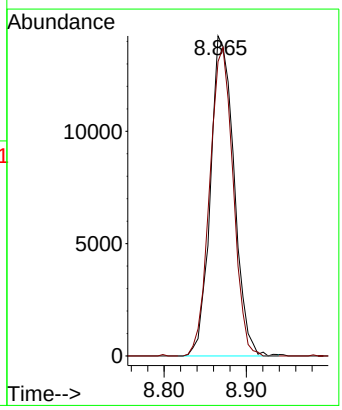
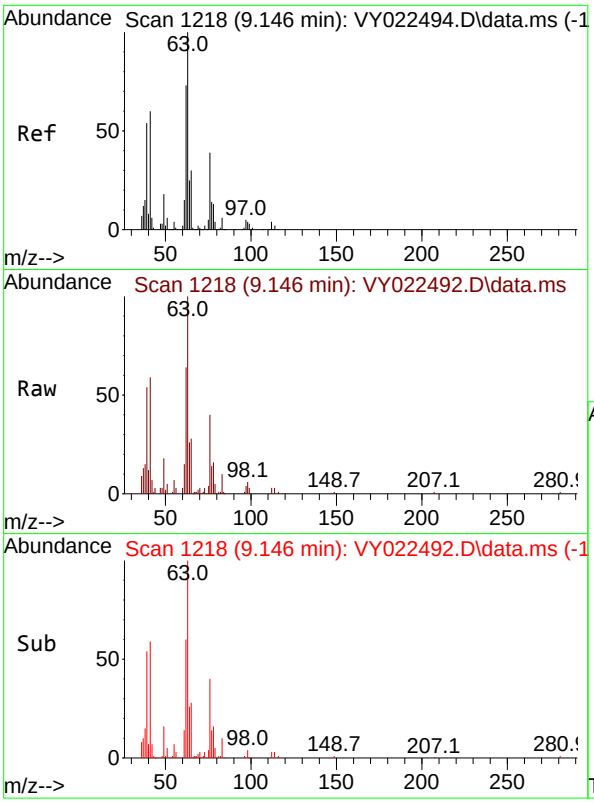


#44
Trichloroethene
Concen: 11.325 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:130 Resp: 28431

Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	203.0

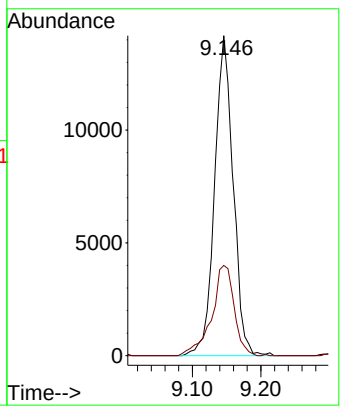




#45
1,2-Dichloropropane
Concen: 10.884 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 63 Resp: 2666

Ion	Ratio	Lower	Upper
63	100		
65	28.2	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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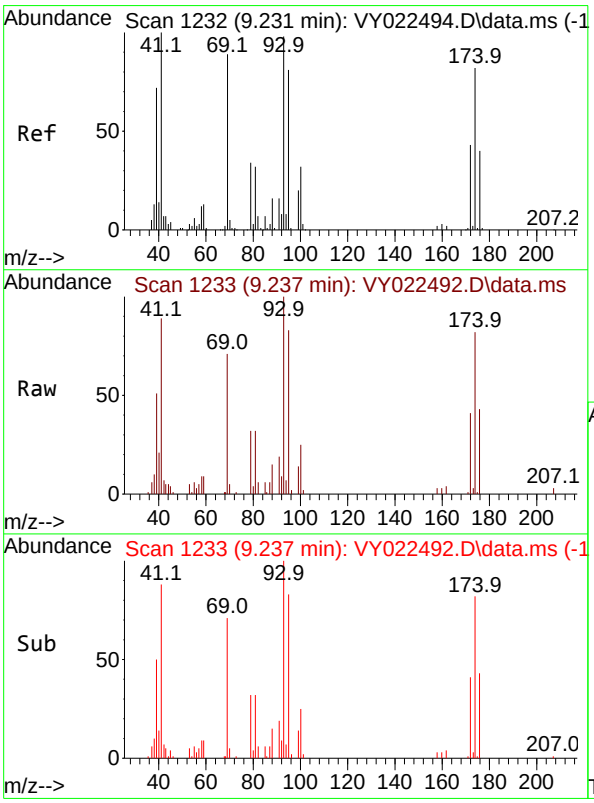
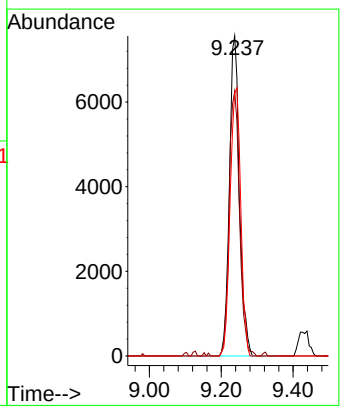
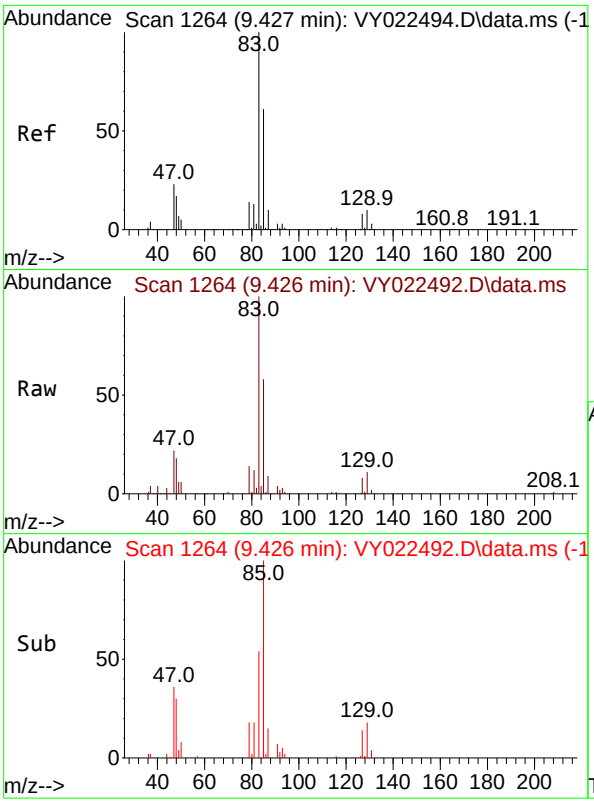


#46
Dibromomethane
Concen: 10.637 ug/l m
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 93 Resp: 14601

Ion	Ratio	Lower	Upper
93	100		
95	0.0	65.6	98.4#
174	0.0	70.4	105.6#

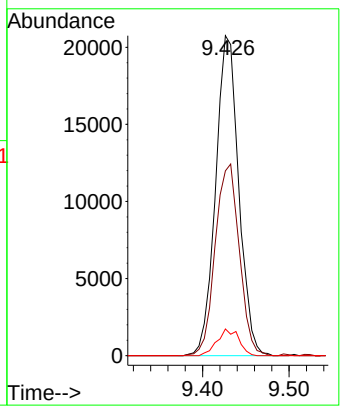




#47
Bromodichloromethane
Concen: 11.048 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 3847

Ion	Ratio	Lower	Upper
83	100		
85	57.8	49.1	73.7
127	8.4	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
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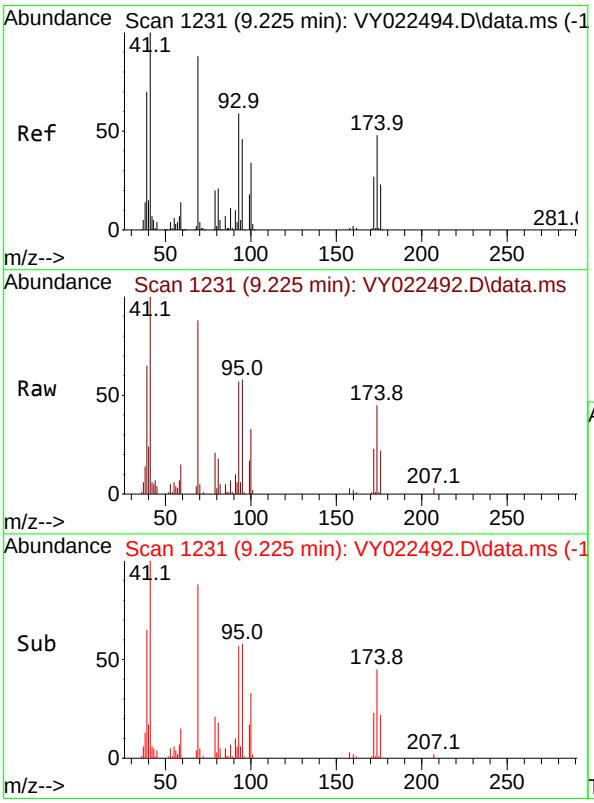
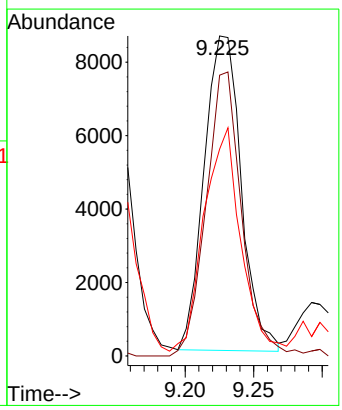
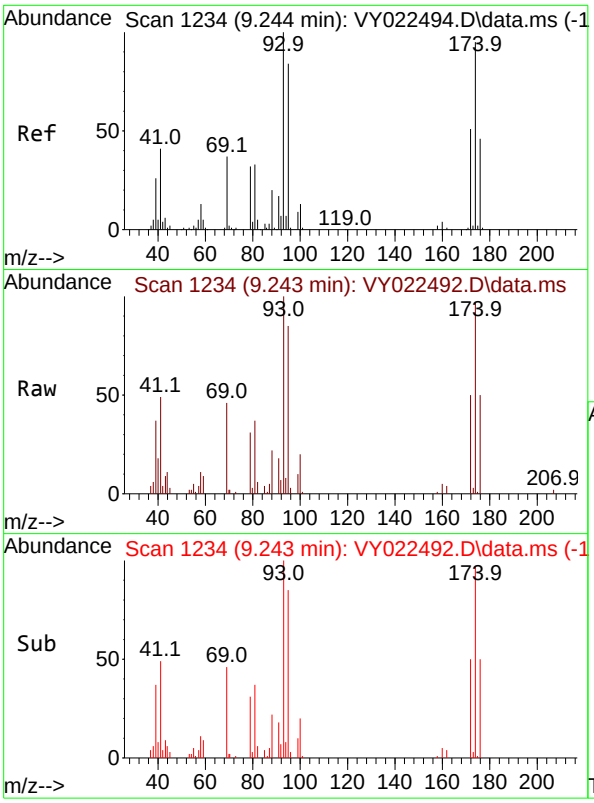


#48
Methyl methacrylate
Concen: 10.501 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 41 Resp: 16122

Ion	Ratio	Lower	Upper
41	100		
69	86.6	67.8	101.8
39	70.2	55.0	82.4

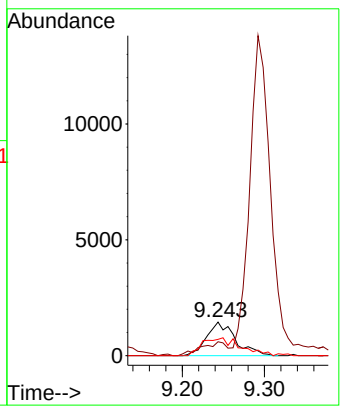




#49
1,4-Dioxane
Concen: 215.881 ug/l
RT: 9.243 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 88 Resp: 353

Ion	Ratio	Lower	Upper
88	100		
43	36.1	25.4	38.2
58	69.8	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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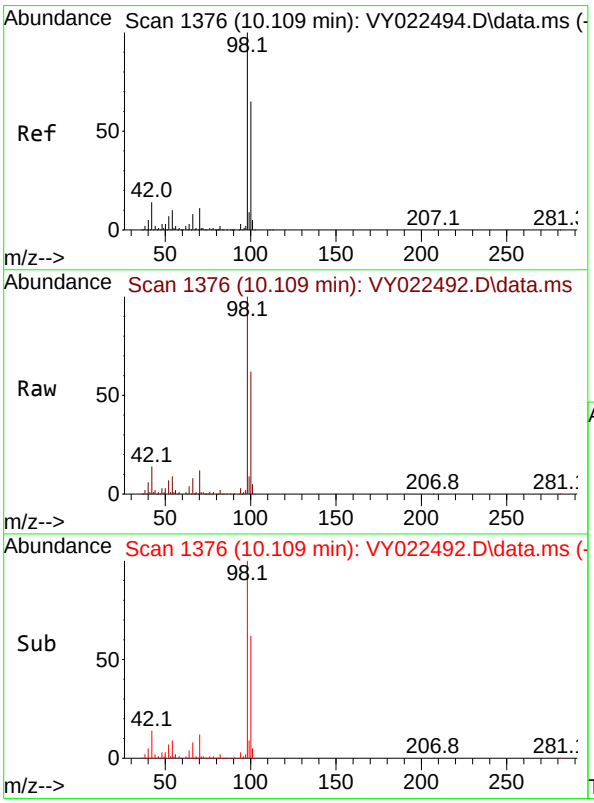
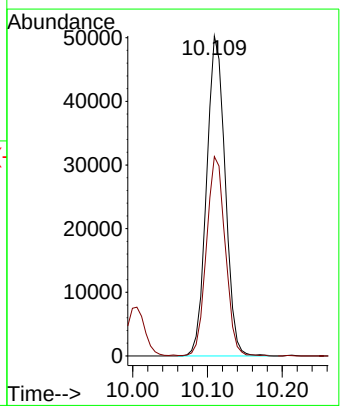
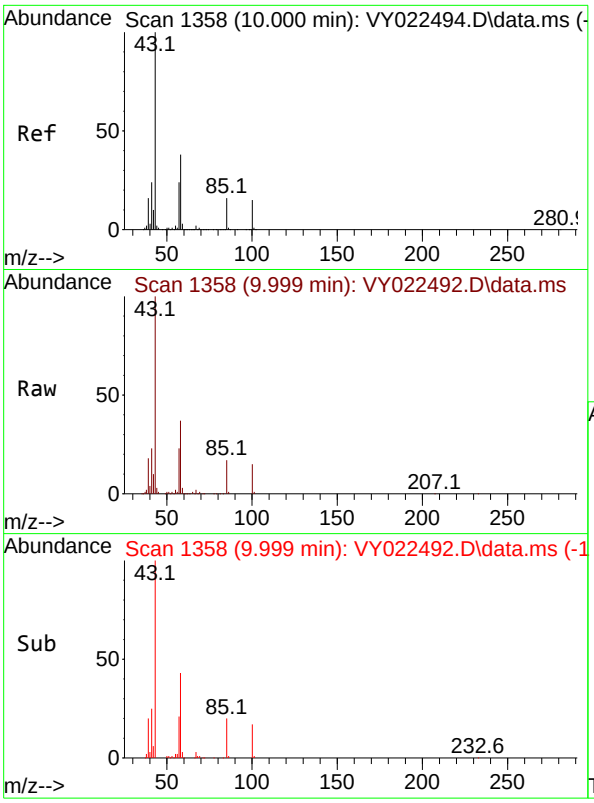


#50
Toluene-d8
Concen: 9.930 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 98 Resp: 86561

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.4	77.0

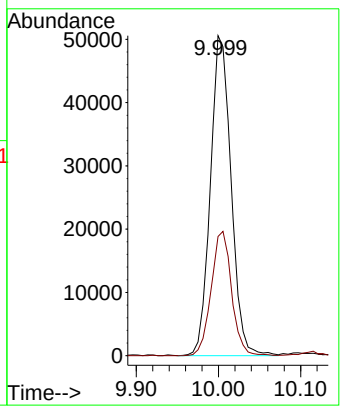




#51
4-Methyl-2-Pentanone
Concen: 53.259 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 8863

Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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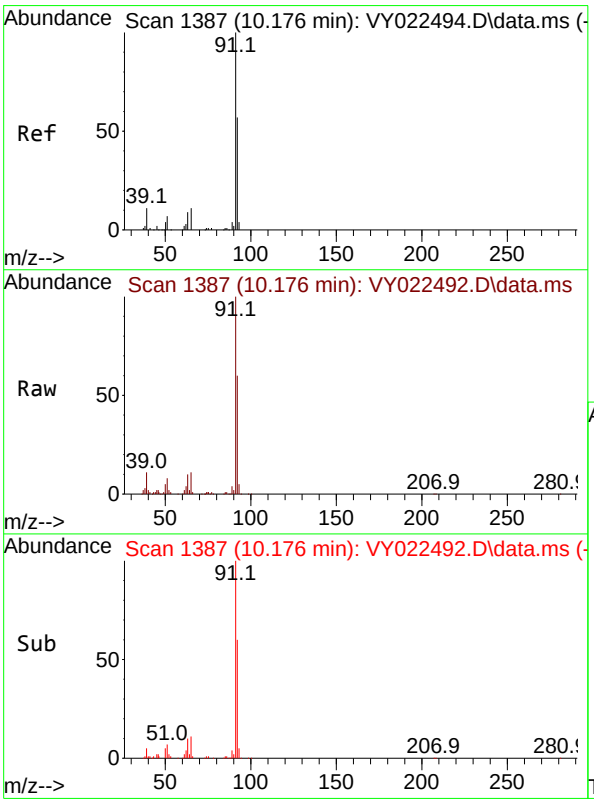
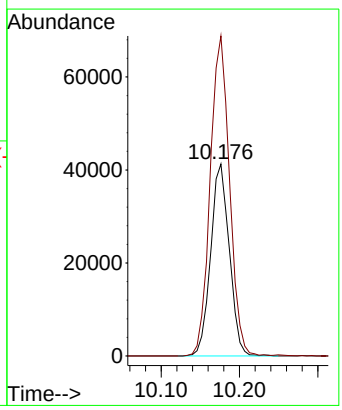
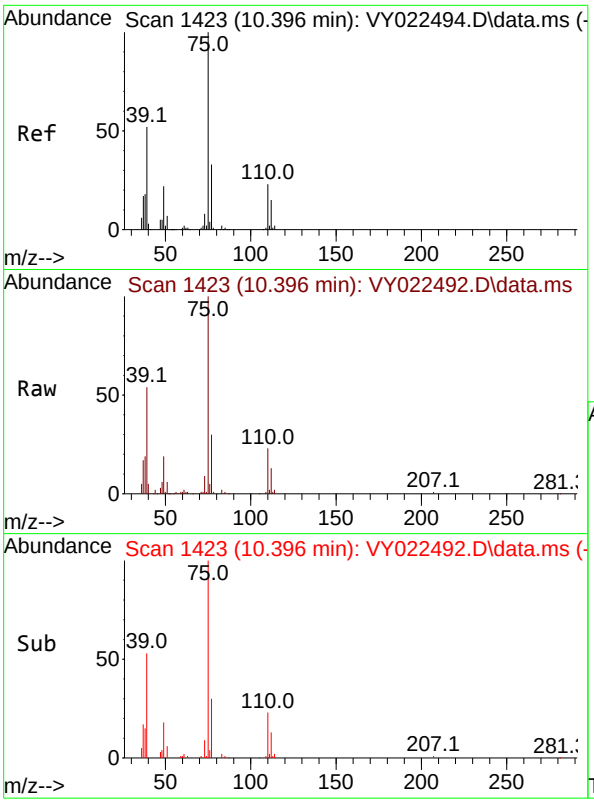


#52
Toluene
Concen: 10.565 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 92 Resp: 68265

Ion	Ratio	Lower	Upper
92	100		
91	172.7	139.0	208.4

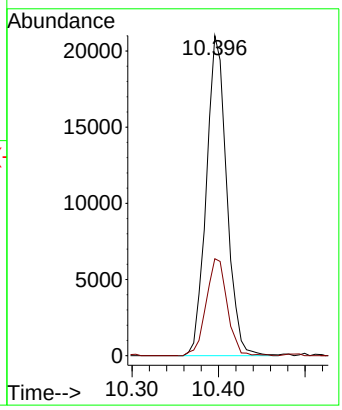




#53
t-1,3-Dichloropropene
Concen: 10.649 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 3430

Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.5	39.7



Instrument :
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ClientSampleId :
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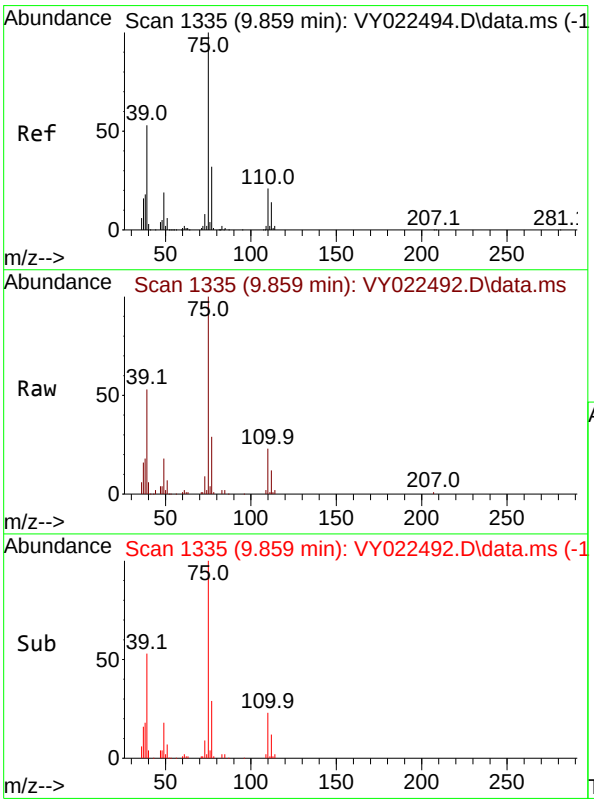
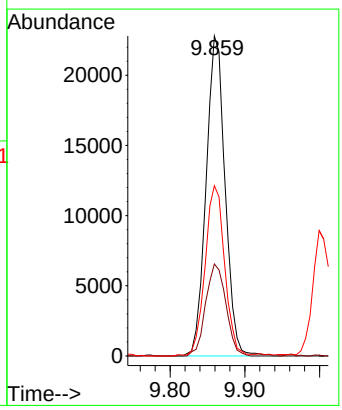
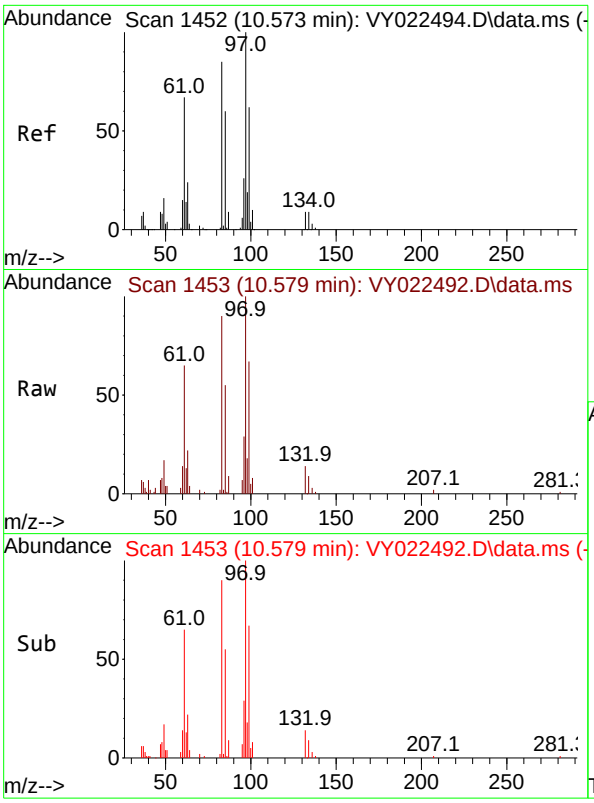


#54
cis-1,3-Dichloropropene
Concen: 10.649 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 40229

Ion	Ratio	Lower	Upper
75	100		
77	28.7	25.3	37.9
39	52.8	42.7	64.1

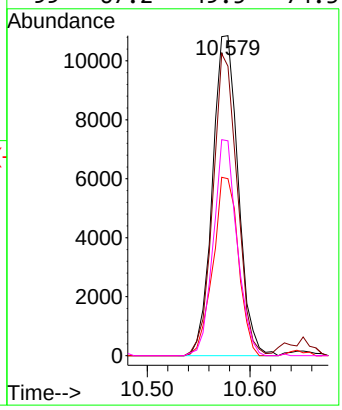




#55
1,1,2-Trichloroethane
Concen: 10.904 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 97 Resp: 1884

Ion	Ratio	Lower	Upper
97	100		
83	90.5	68.1	102.1
85	55.3	48.2	72.2
99	67.2	49.5	74.3



Instrument :
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ClientSampleId :
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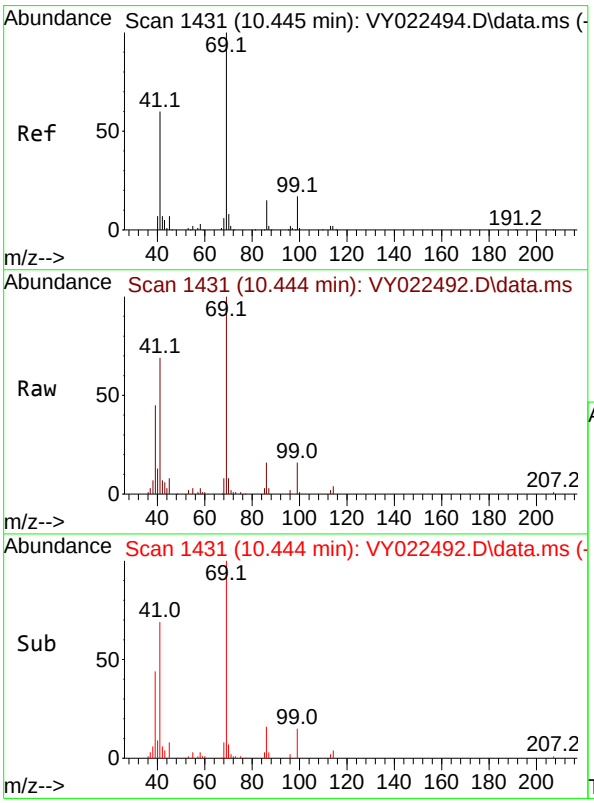
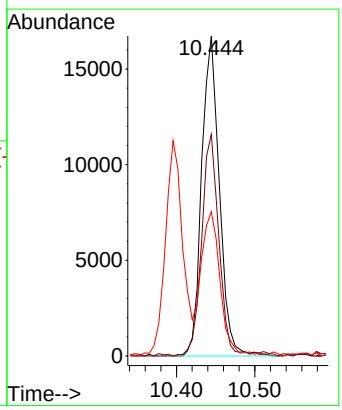
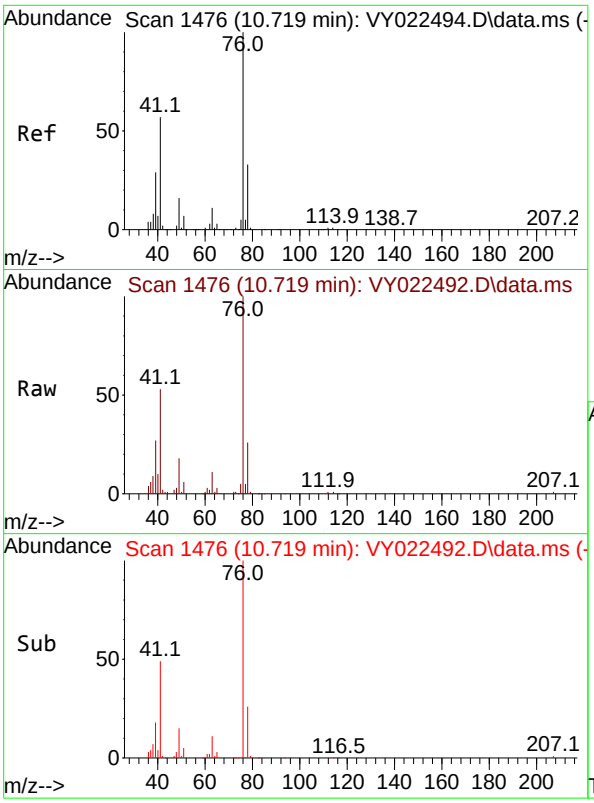


#56
Ethyl methacrylate
Concen: 10.426 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 69 Resp: 26171

Ion	Ratio	Lower	Upper
69	100		
41	67.3	52.2	78.2
39	47.9	36.7	55.1

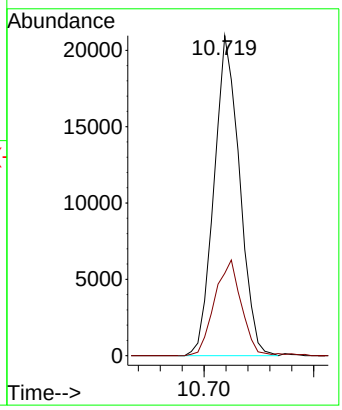




#57
1,3-Dichloropropane
Concen: 10.991 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 76 Resp: 3383(

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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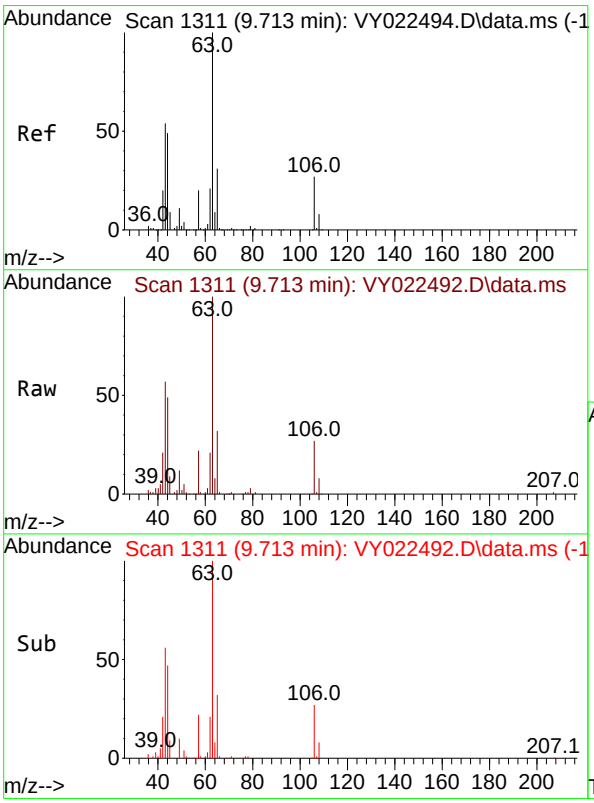
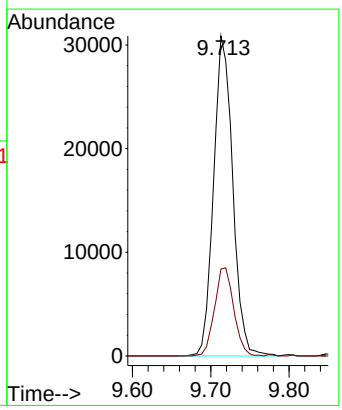
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

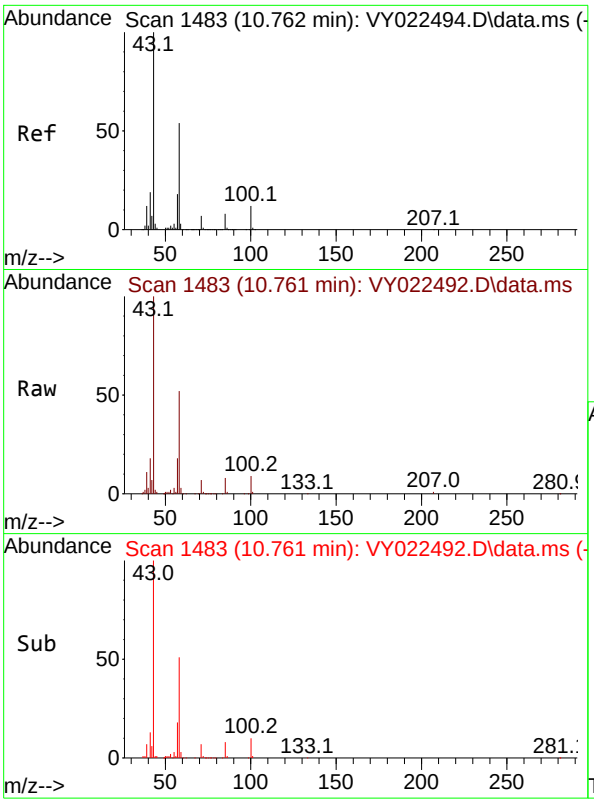


#58
2-Chloroethyl Vinyl ether
Concen: 46.819 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 63 Resp: 52396

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.6	32.4

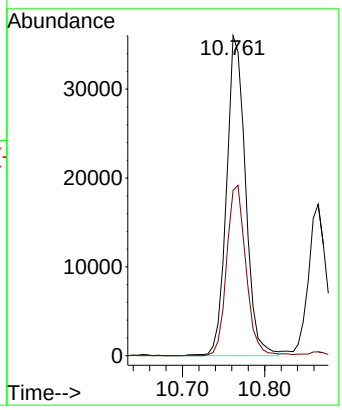




#59
2-Hexanone
Concen: 52.045 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 5773

Ion	Ratio	Lower	Upper
43	100		
58	54.3	27.3	81.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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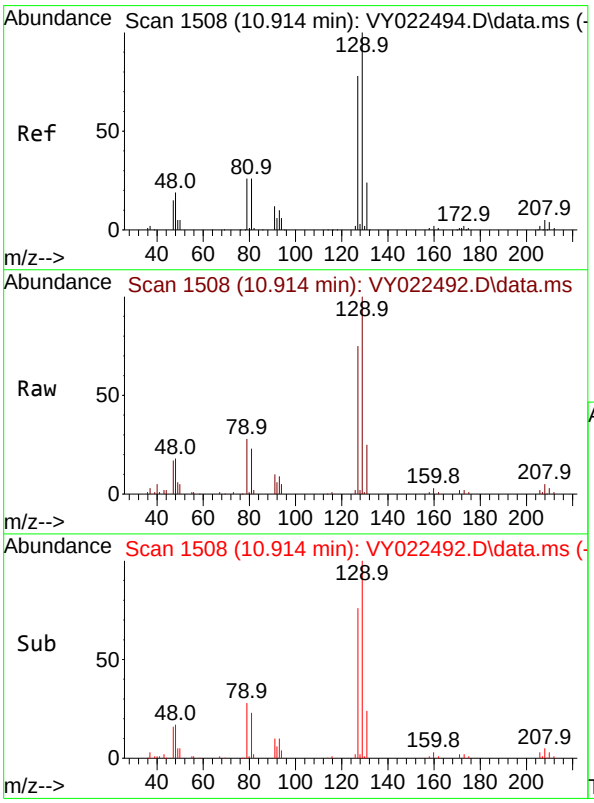
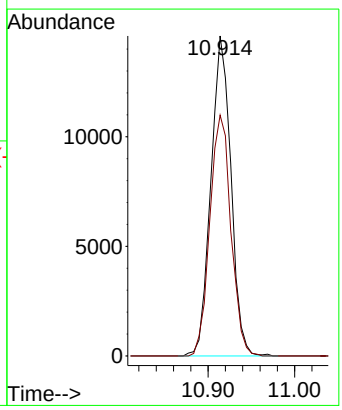
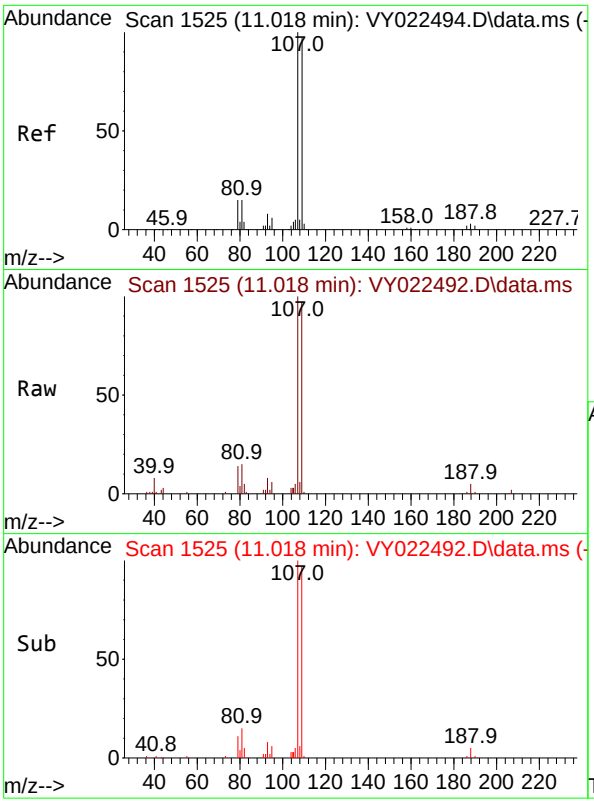


#60
Dibromochloromethane
Concen: 10.694 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:129 Resp: 23423

Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.1	117.2





#61
1,2-Dibromoethane
Concen: 10.847 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:107 Resp: 1730

Ion	Ratio	Lower	Upper
107	100		
109	93.0	77.7	116.5

Instrument :
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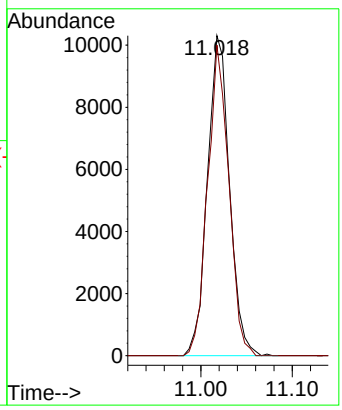
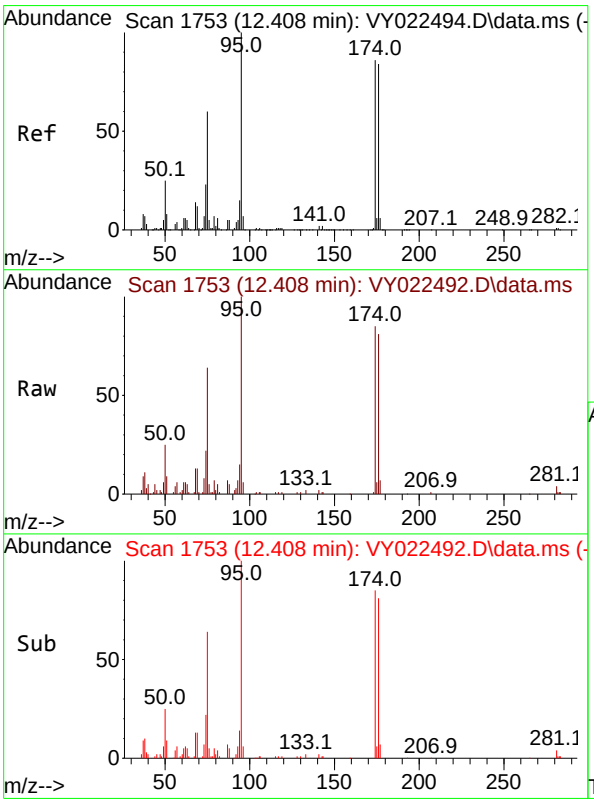
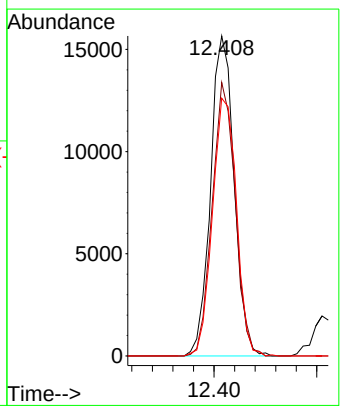


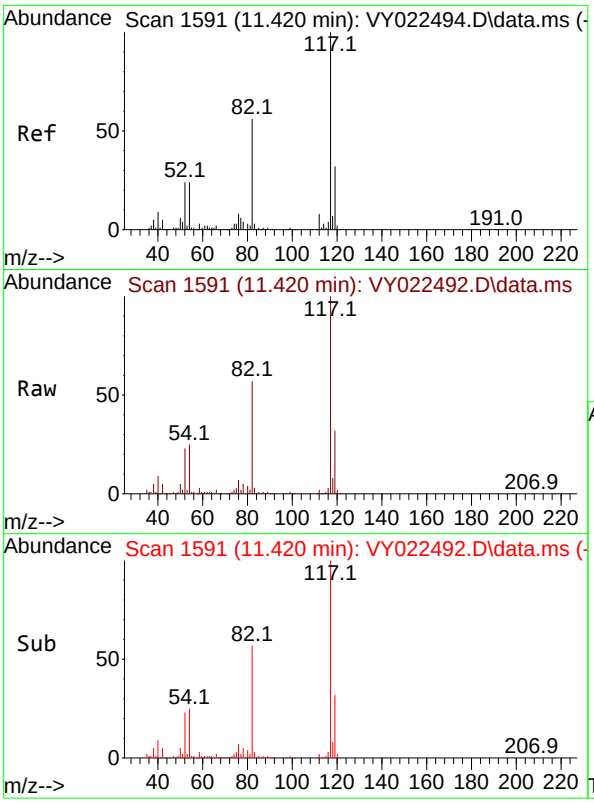


#62
4-Bromofluorobenzene
Concen: 9.409 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 95 Resp: 24870

Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	170.0
176	82.2	0.0	166.2

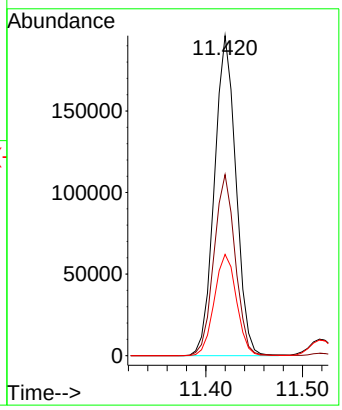




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:117 Resp: 30282

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	66.8
119	31.7	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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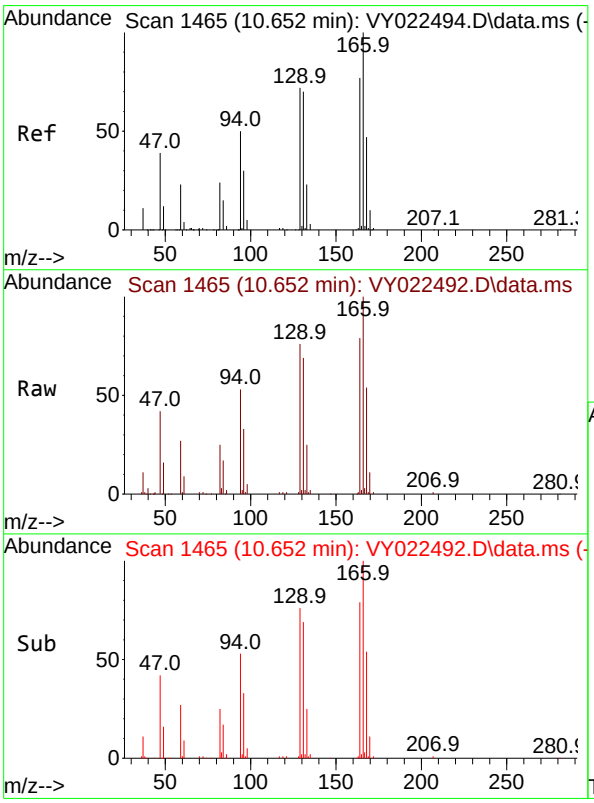
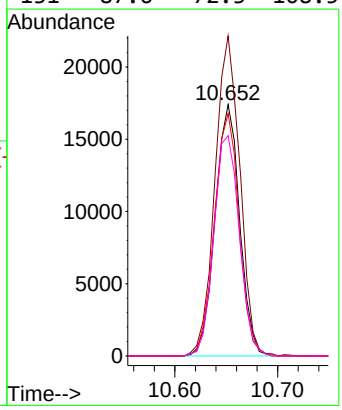
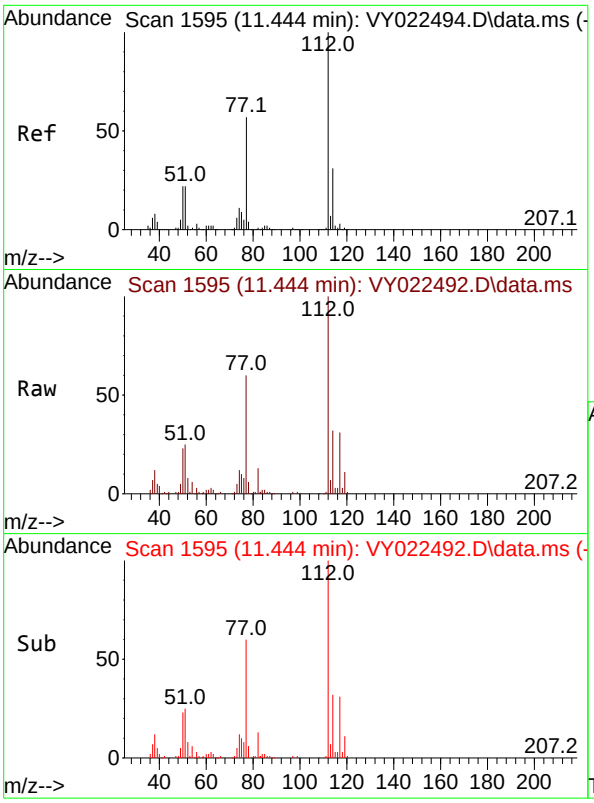


#64
Tetrachloroethene
Concen: 11.144 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:164 Resp: 28680

Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.0	156.0
129	96.5	74.5	111.7
131	87.6	72.3	108.5

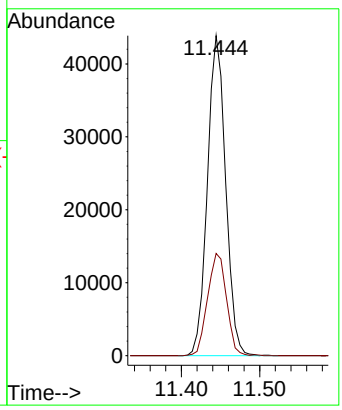




#65
Chlorobenzene
Concen: 10.789 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:112 Resp: 7084

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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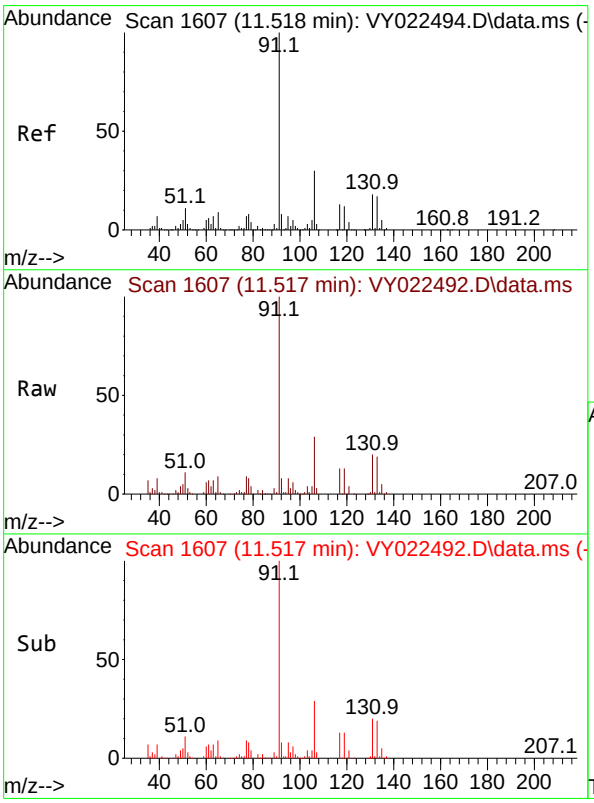
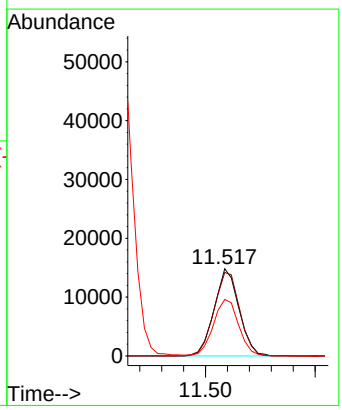
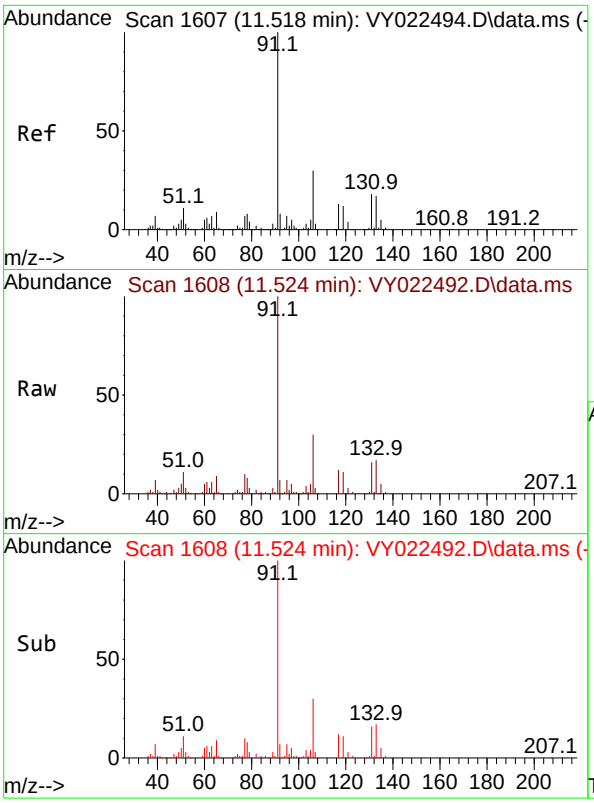


#66
1,1,1,2-Tetrachloroethane
Concen: 10.427 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:131 Resp: 23209

Ion	Ratio	Lower	Upper
131	100		
133	100.5	47.3	141.8
119	66.5	33.1	99.3

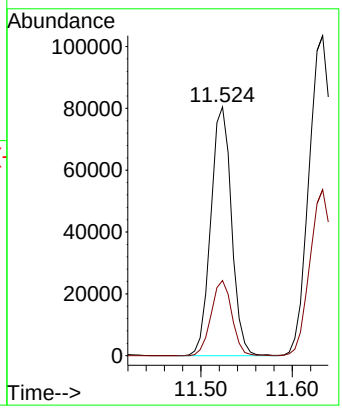




#67
Ethyl Benzene
Concen: 10.350 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 12655

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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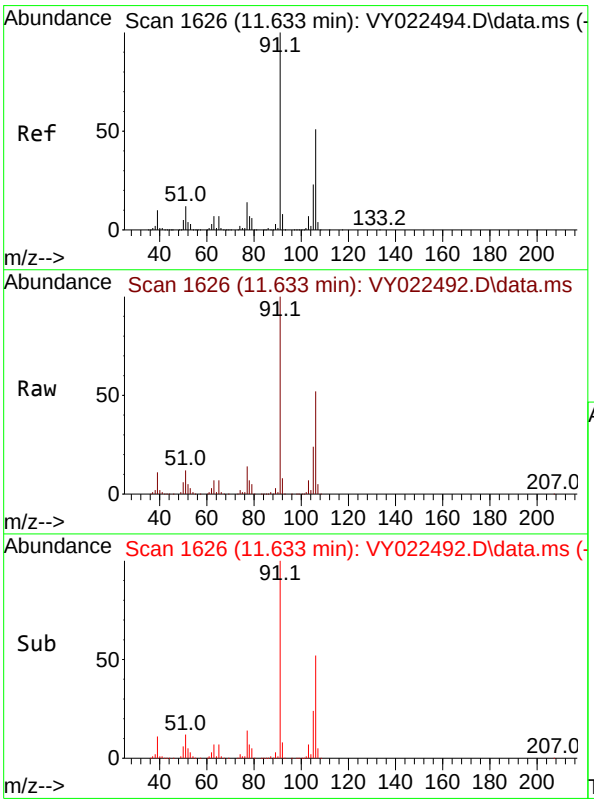
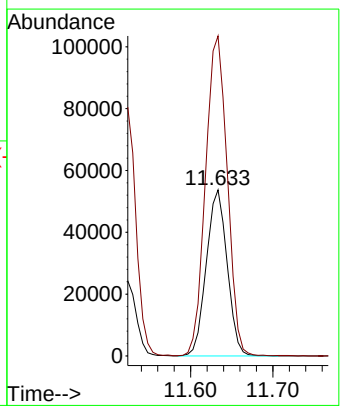
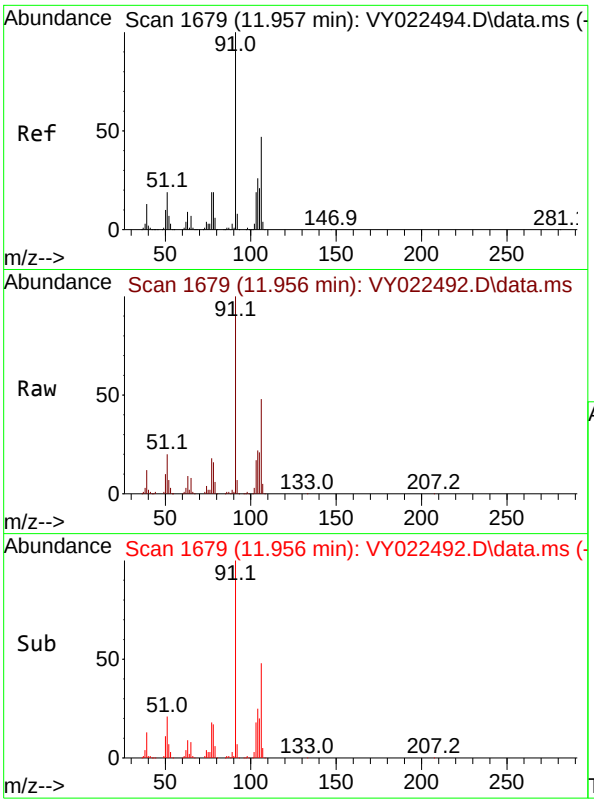


#68
m/p-Xylenes
Concen: 20.427 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:106 Resp: 94535

Ion	Ratio	Lower	Upper
106	100		
91	200.7	159.4	239.0





#69
o-Xylene
Concen: 10.476 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:106 Resp: 4537

Ion	Ratio	Lower	Upper
106	100		
91	209.3	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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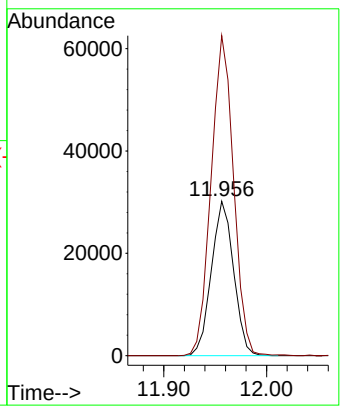
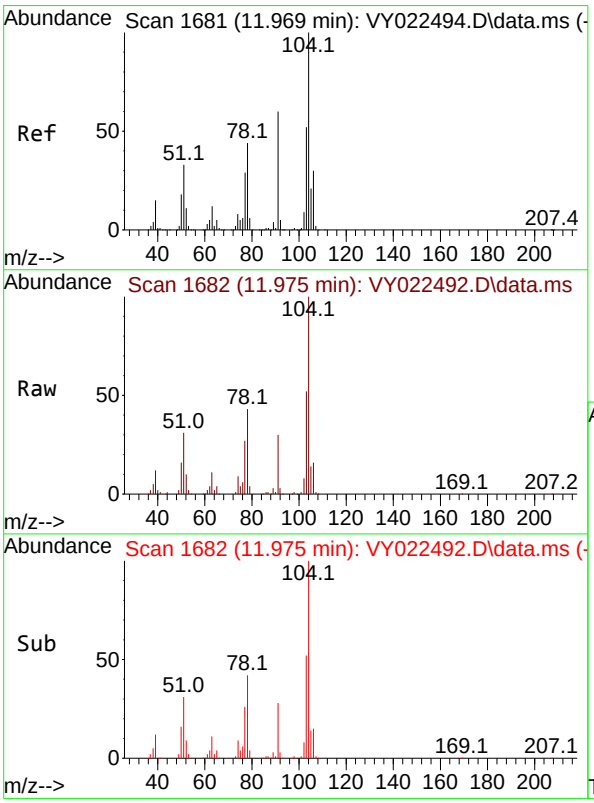
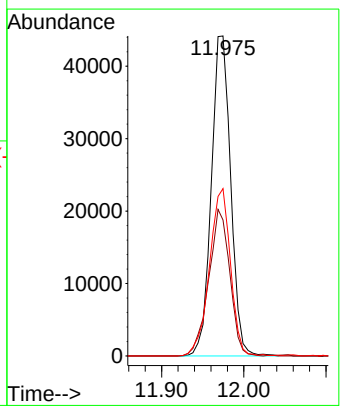


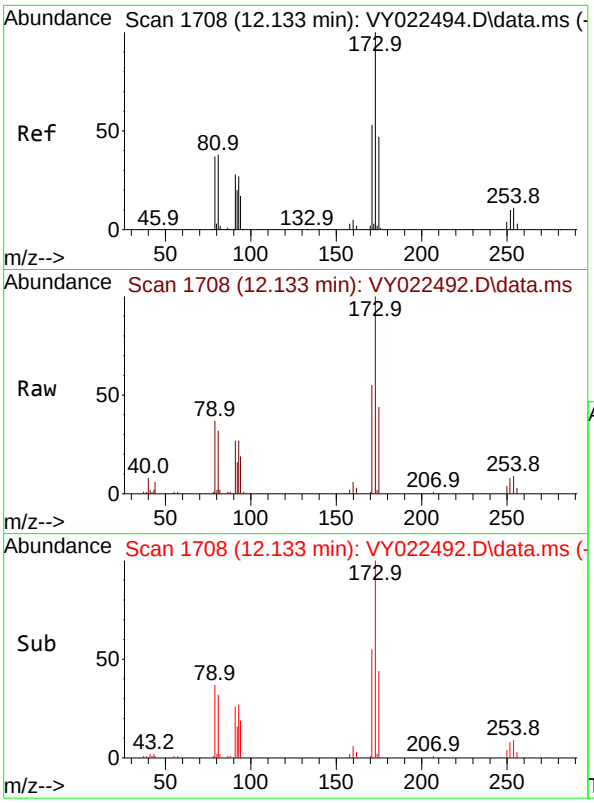


#70
Styrene
Concen: 10.092 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:104 Resp: 72373

Ion	Ratio	Lower	Upper
104	100		
78	49.8	39.5	59.3
103	56.9	44.1	66.1

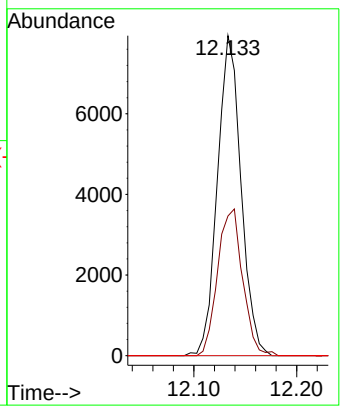




#71
Bromoform
Concen: 10.804 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:173 Resp: 1263

Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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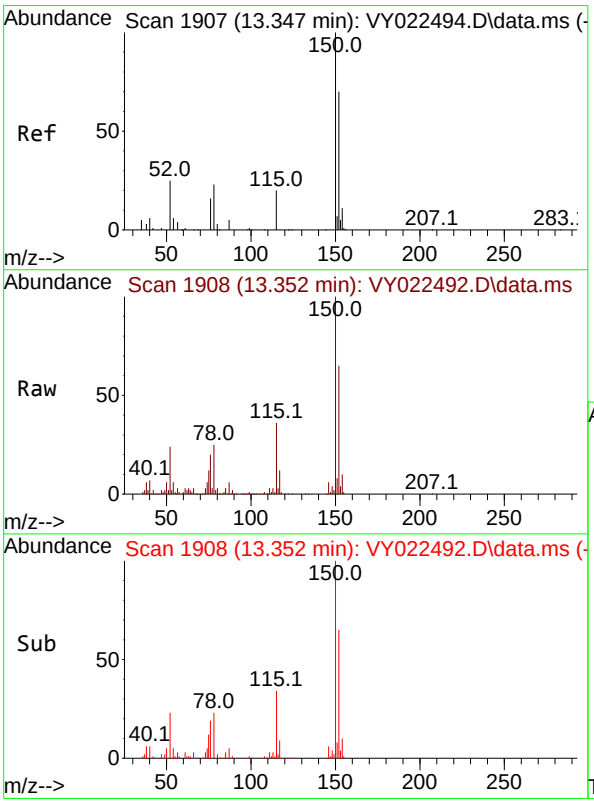
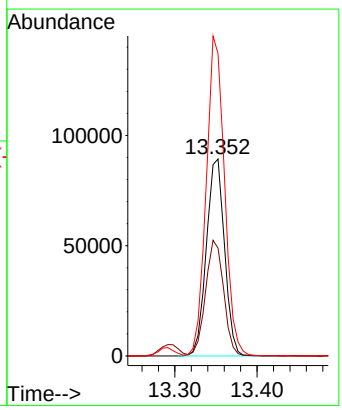
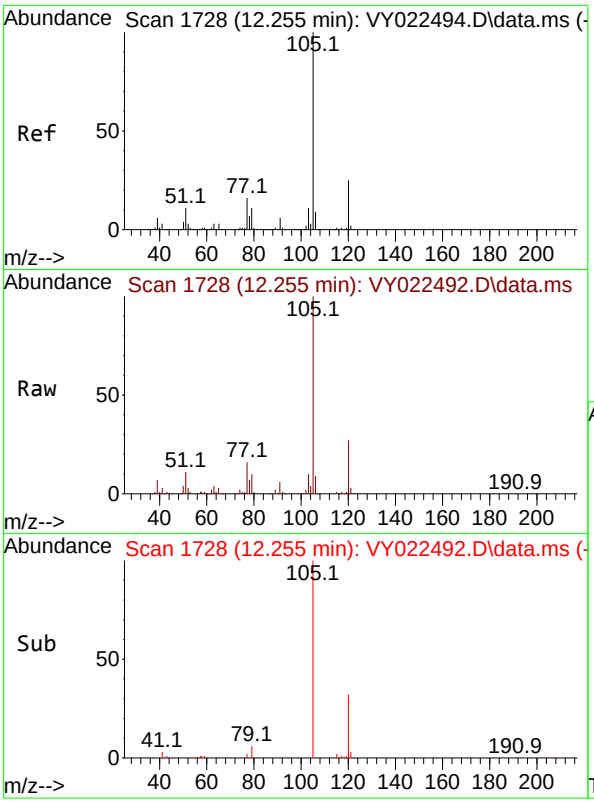


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:152 Resp: 137338

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.9	86.7
150	162.7	0.0	349.6

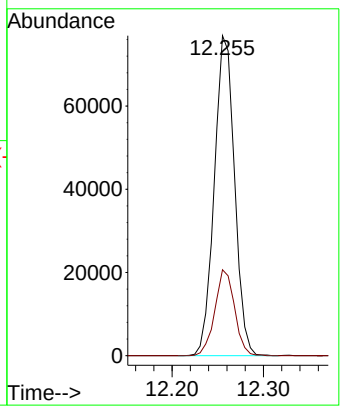




#73
Isopropylbenzene
Concen: 10.695 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:105 Resp: 11834

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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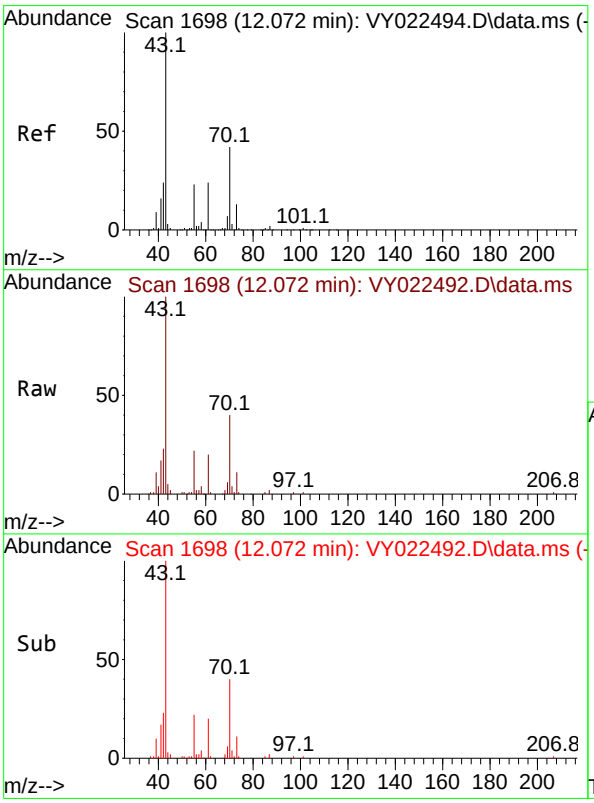
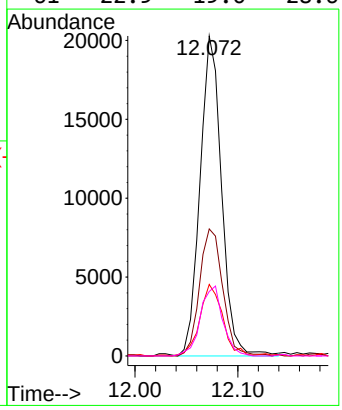
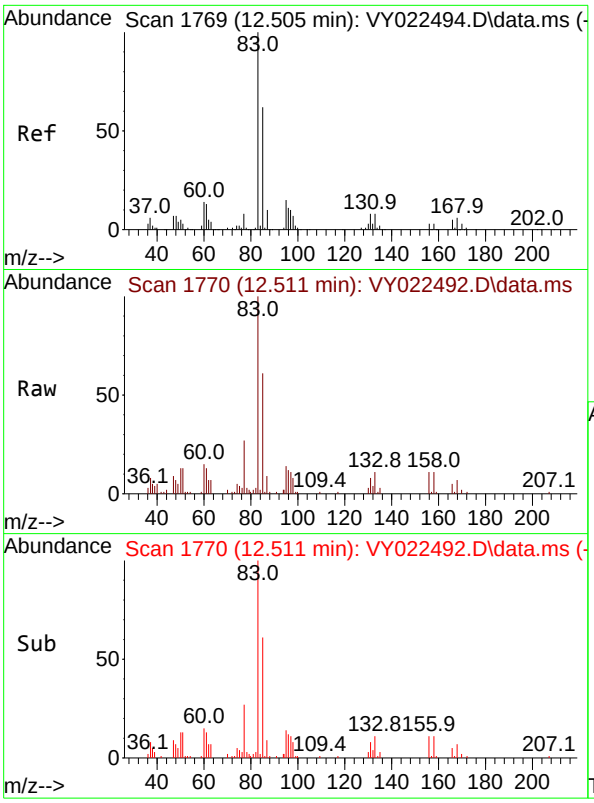


#74
N-amyl acetate
Concen: 10.581 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 29609

Ion	Ratio	Lower	Upper
43	100		
70	42.8	34.2	51.2
55	23.8	18.2	27.4
61	22.9	19.0	28.6

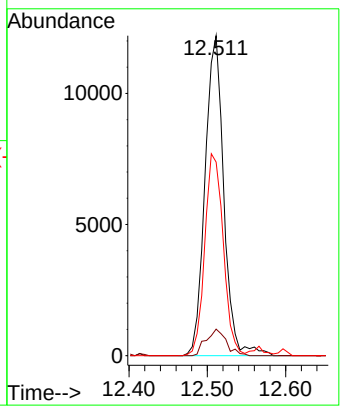




#75
1,1,2,2-Tetrachloroethane
Concen: 11.276 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 2026

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.9	14.7
85	62.2	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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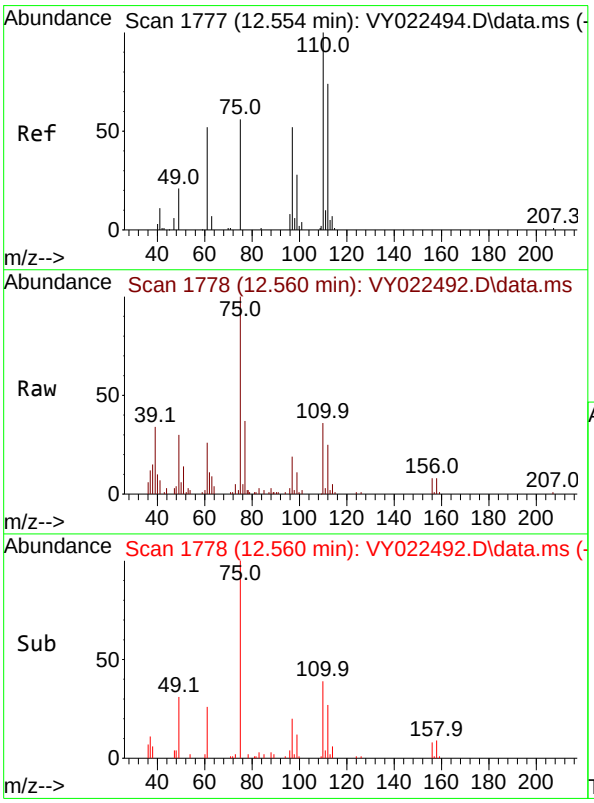
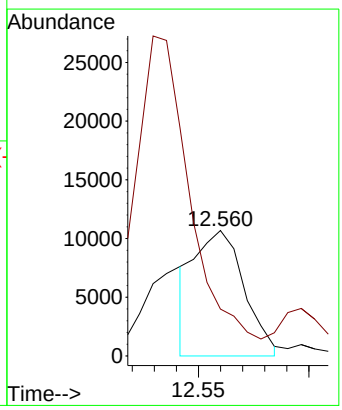
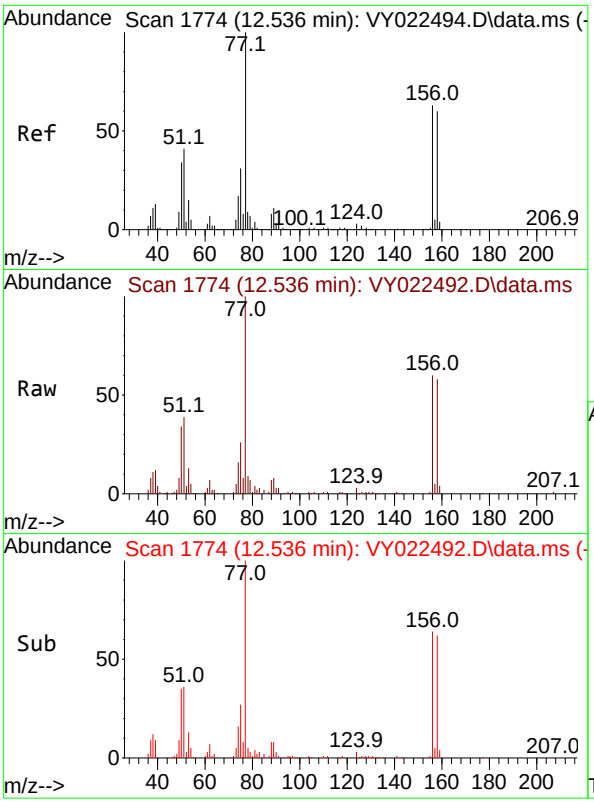


#76
1,2,3-Trichloropropane
Concen: 9.239 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 16751

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

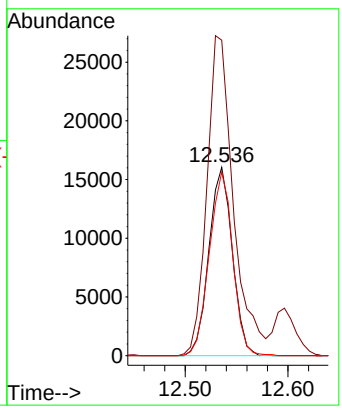




#77
Bromobenzene
Concen: 10.827 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:156 Resp: 2539

Ion	Ratio	Lower	Upper
156	100		
77	191.7	94.0	282.1
158	97.6	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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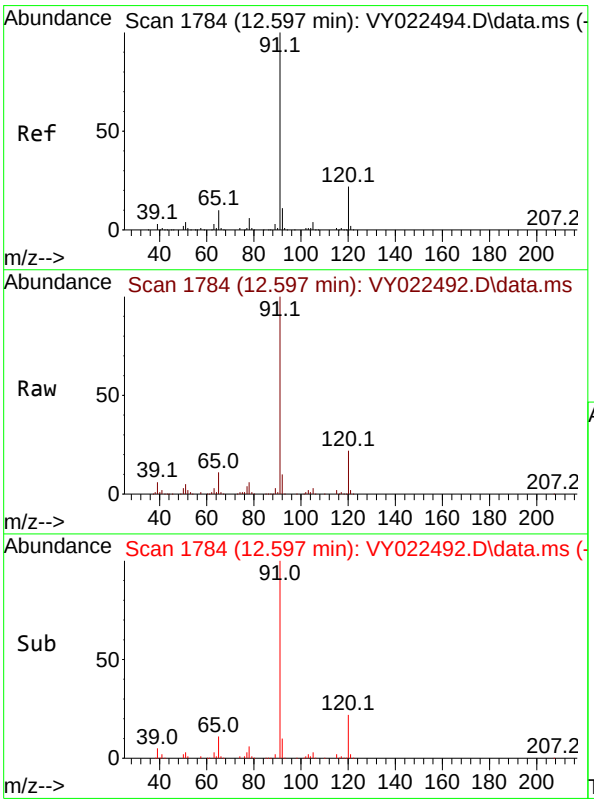
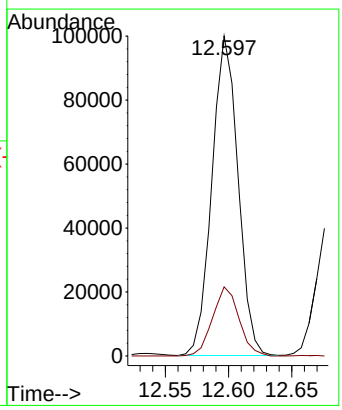
Supervised By :Mahesh Dadoda 06/03/2025

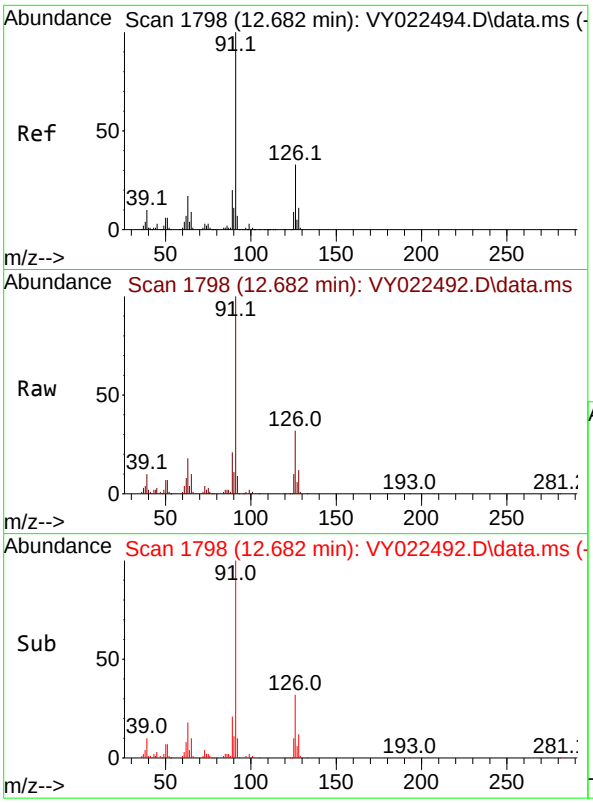


#78
n-propylbenzene
Concen: 10.648 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 143414

Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.8	32.4

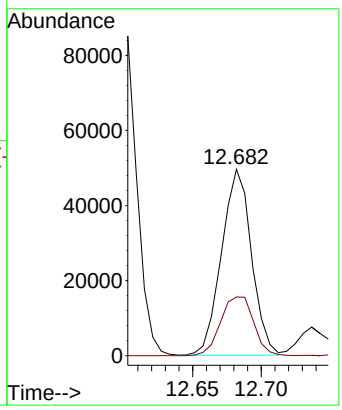




#79
2-Chlorotoluene
Concen: 10.591 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 7532

Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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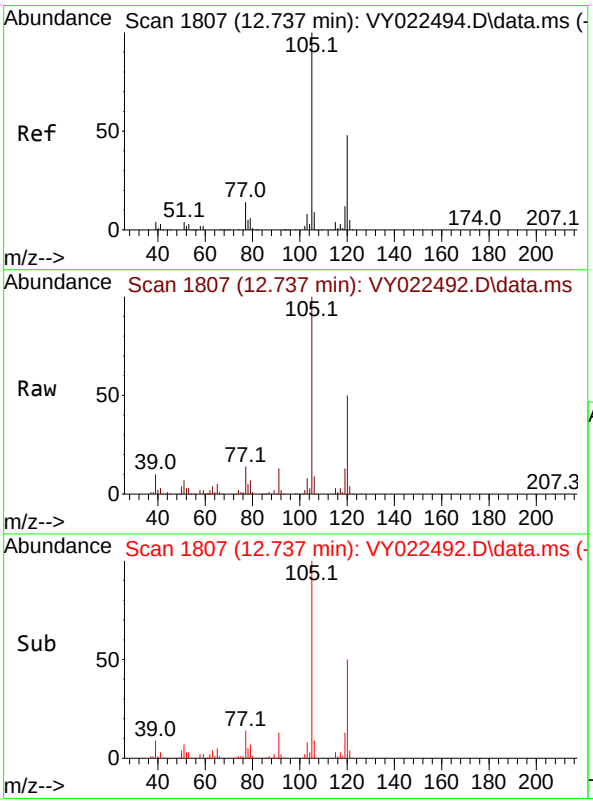
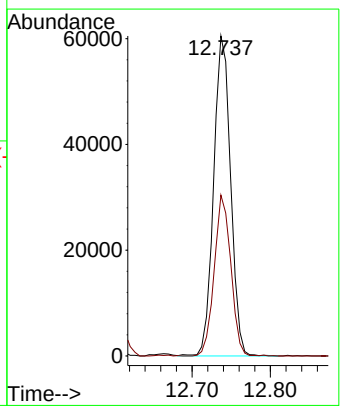
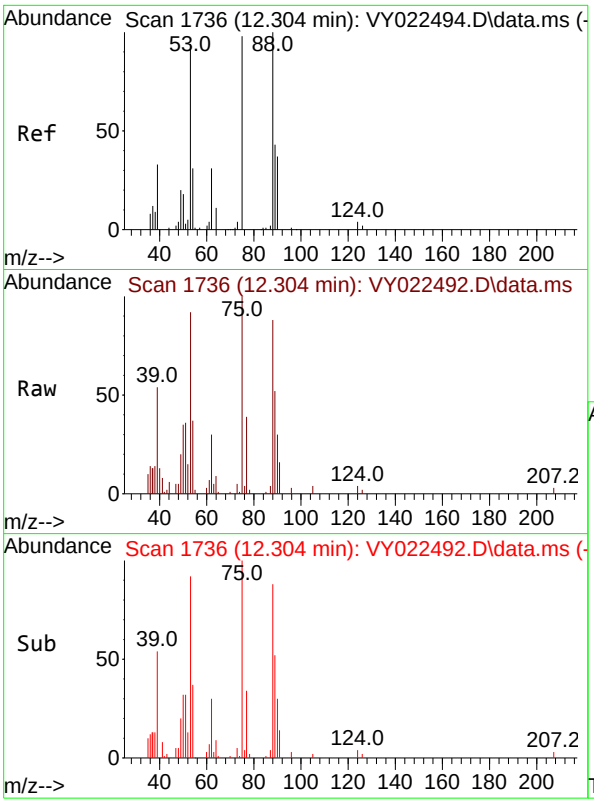


#80
1,3,5-Trimethylbenzene
Concen: 10.532 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:105 Resp: 91121

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.1	72.4

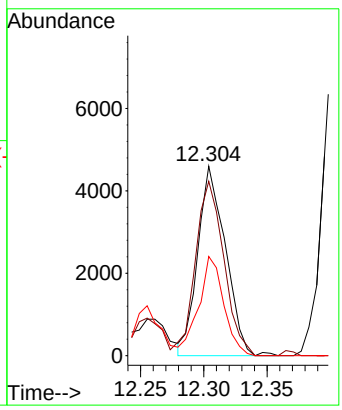




#81
trans-1,4-Dichloro-2-butene
Concen: 11.084 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 700

Ion	Ratio	Lower	Upper
75	100		
53	94.7	78.5	117.7
89	47.6	35.7	53.5



Instrument :
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ClientSampleId :
VSTDICC010

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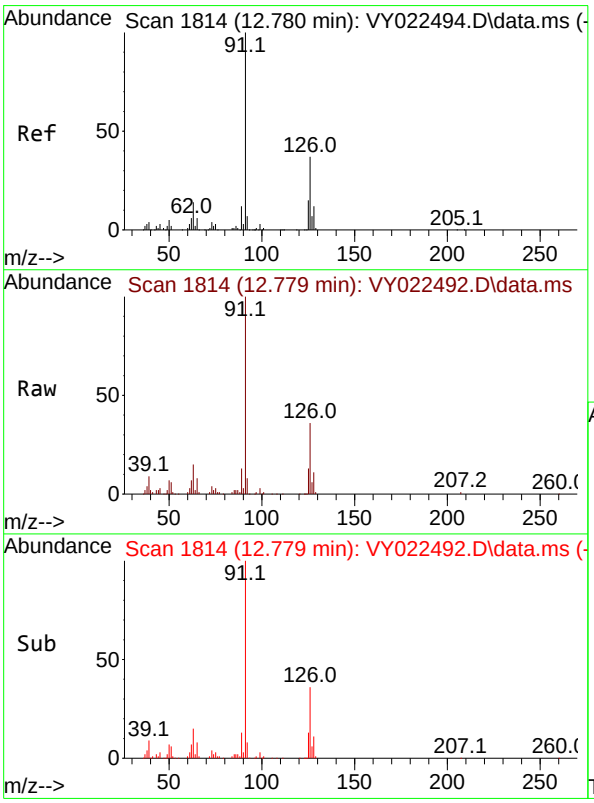
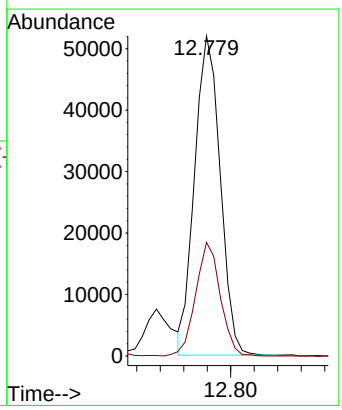
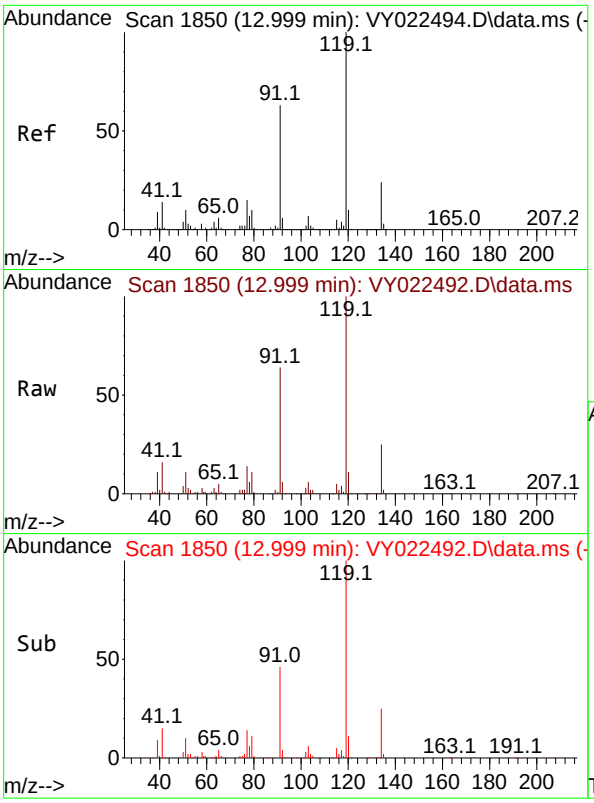


#82
4-Chlorotoluene
Concen: 10.676 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 78689

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9

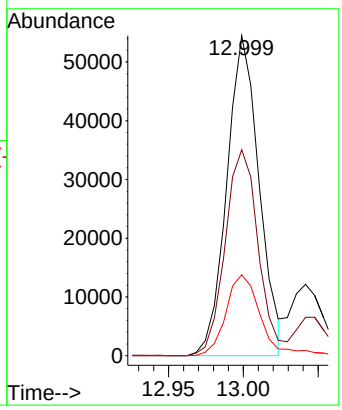




#83
tert-Butylbenzene
Concen: 10.367 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:119 Resp: 8182

Ion	Ratio	Lower	Upper
119	100		
91	66.3	32.1	96.3
134	27.2	13.0	38.9



Instrument :
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ClientSampleId :
VSTDICC010

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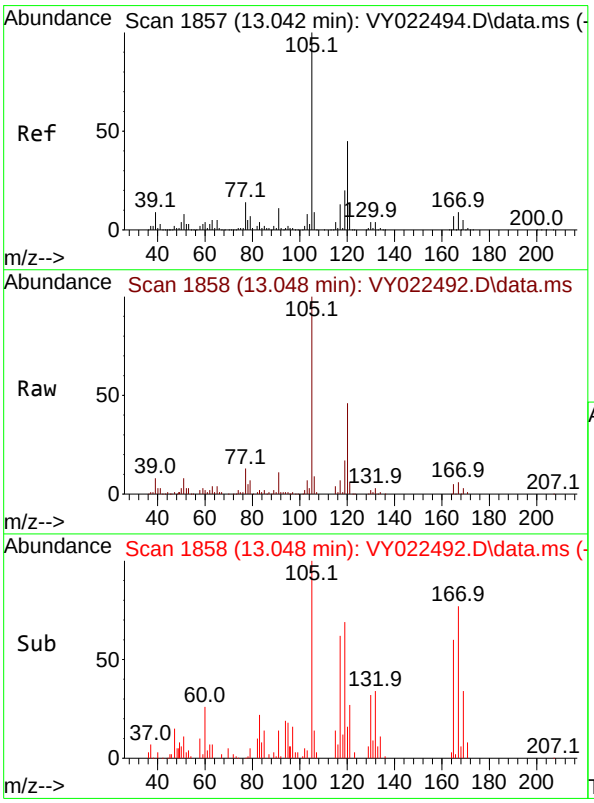
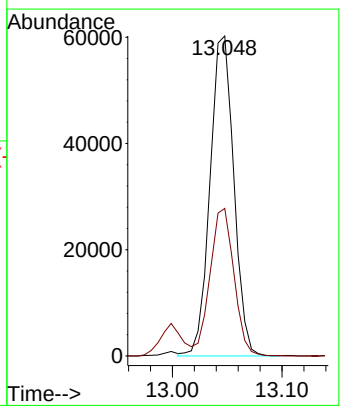
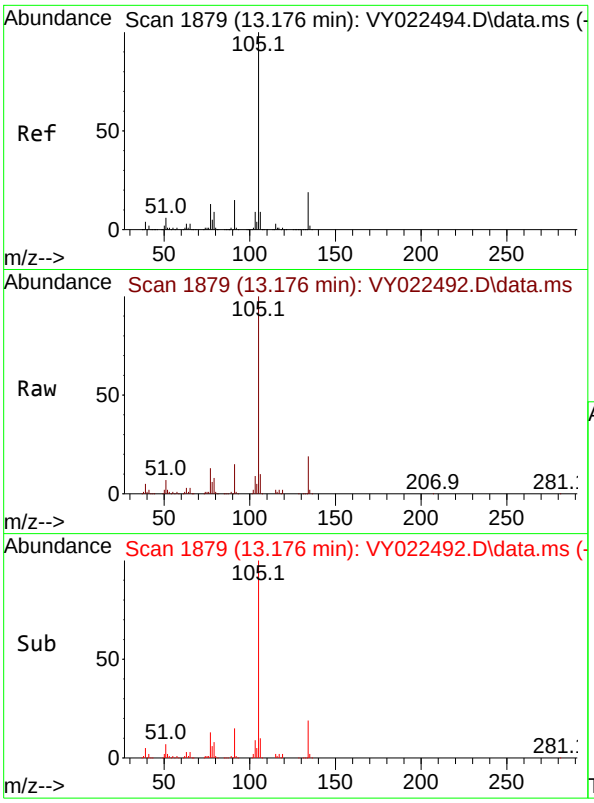


#84
1,2,4-Trimethylbenzene
Concen: 10.495 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:105 Resp: 90848

Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.7	68.1

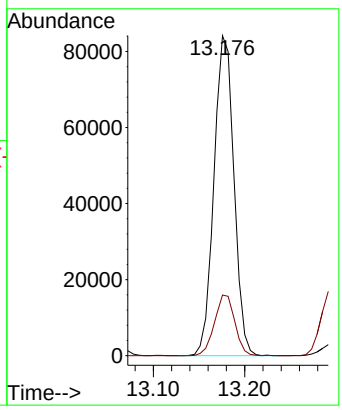




#85
sec-Butylbenzene
Concen: 10.678 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:105 Resp: 12777

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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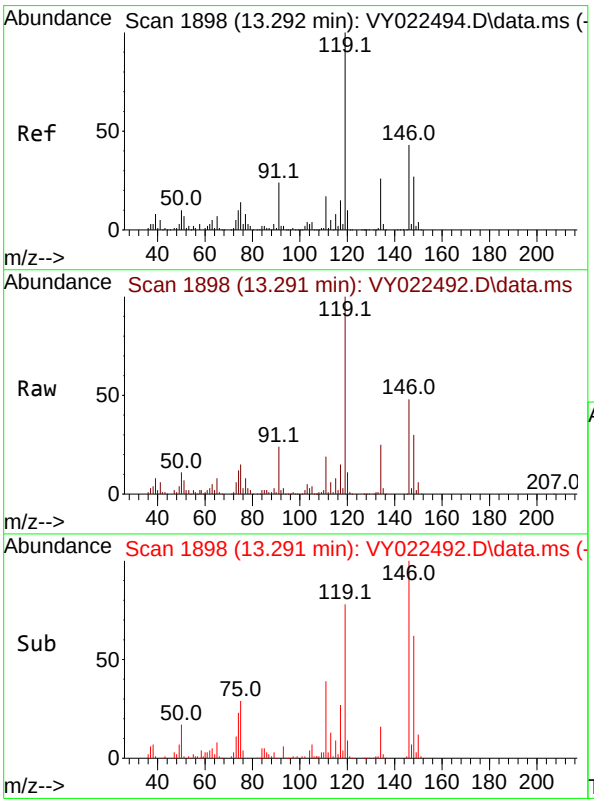
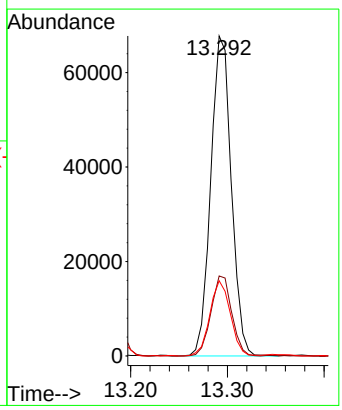
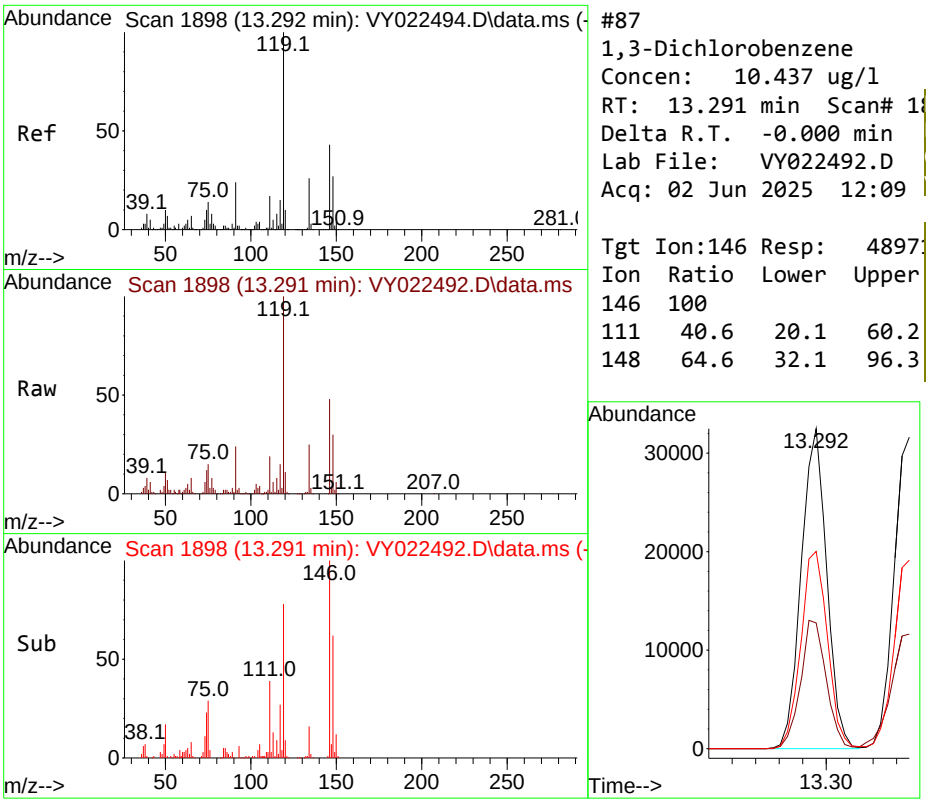


#86
p-Isopropyltoluene
Concen: 10.158 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:119 Resp: 99940

Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.1	39.1
91	23.5	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 10.437 ug/l
RT: 13.291 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:146 Resp: 4897

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	64.6	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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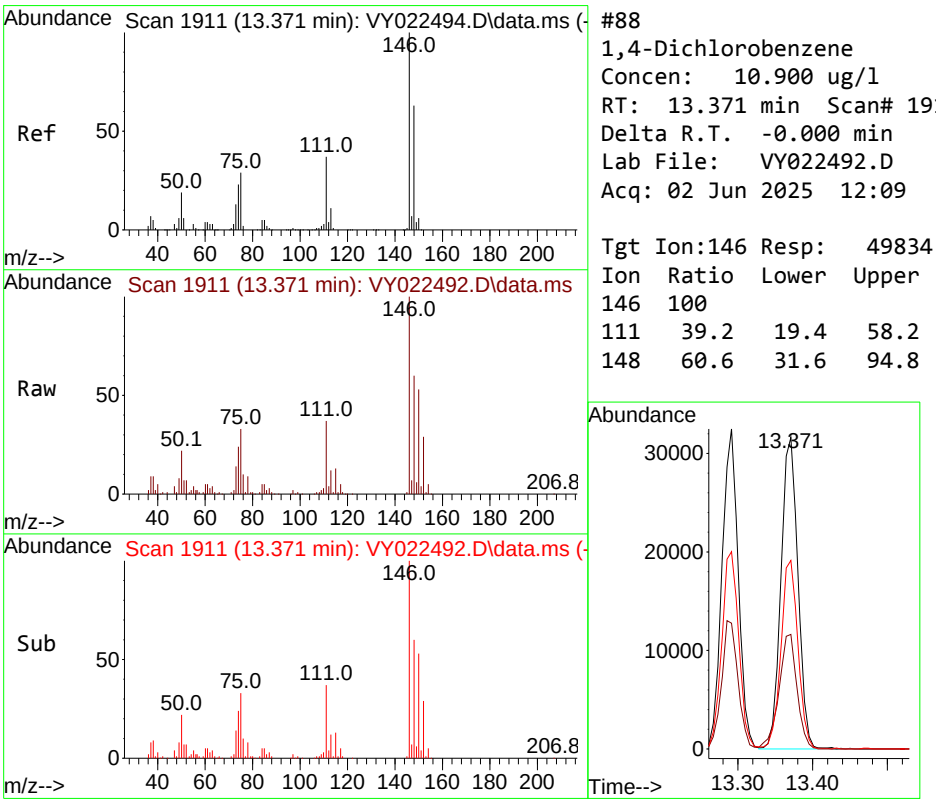
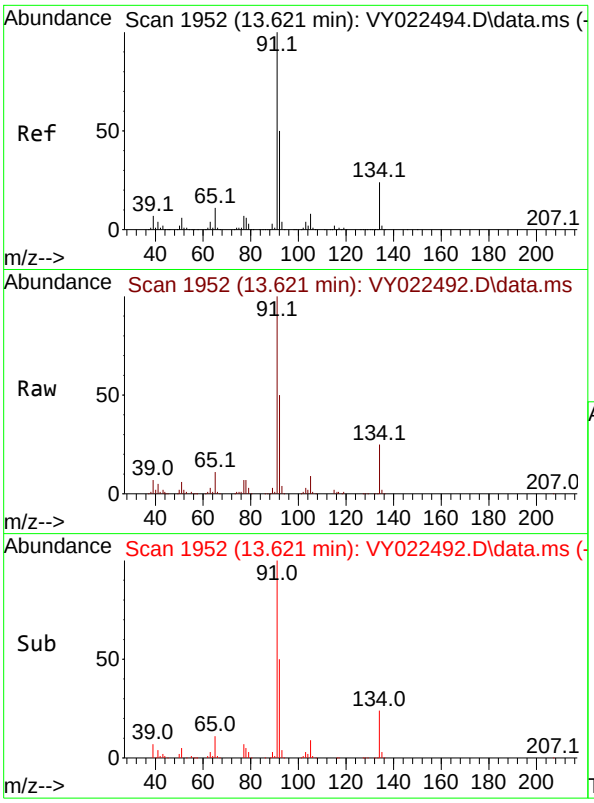


#88
1,4-Dichlorobenzene
Concen: 10.900 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:146 Resp: 49834

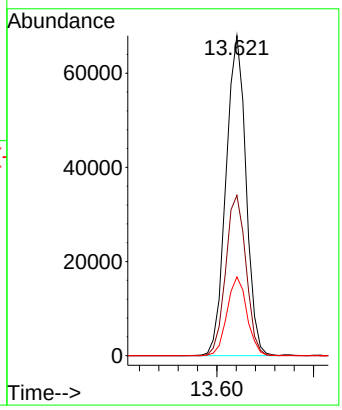
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.2
148	60.6	31.6	94.8



#89
n-Butylbenzene
Concen: 10.413 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 9754

Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.9	77.8
134	24.6	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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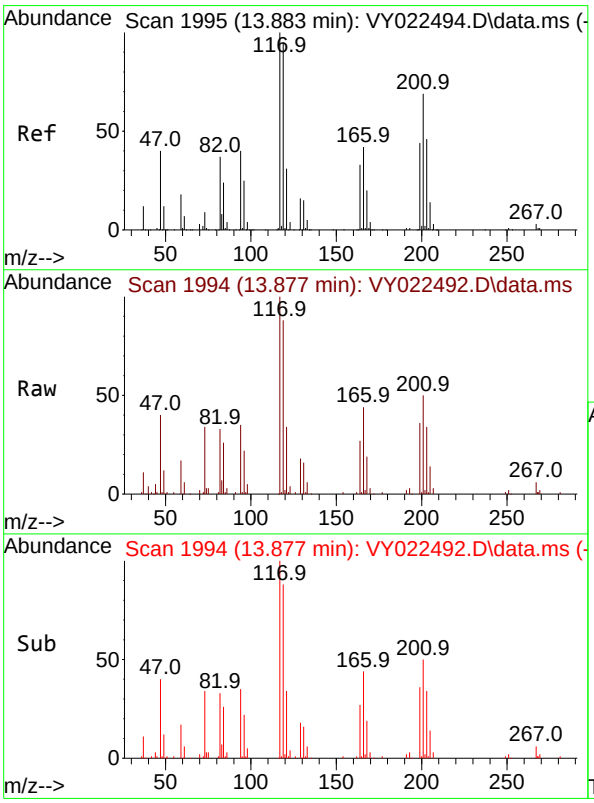
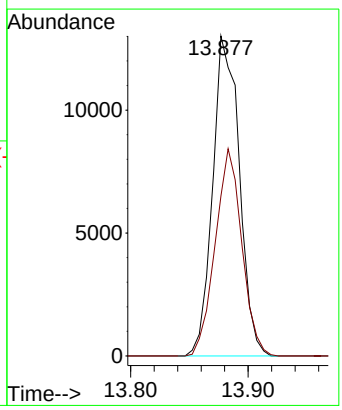
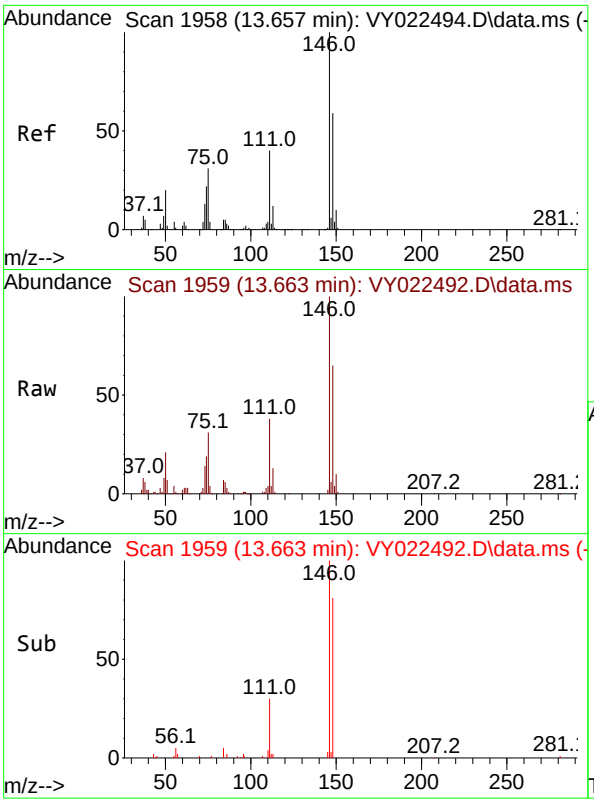


#90
Hexachloroethane
Concen: 10.631 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:117 Resp: 20466

Ion	Ratio	Lower	Upper
117	100		
201	64.9	34.0	102.0

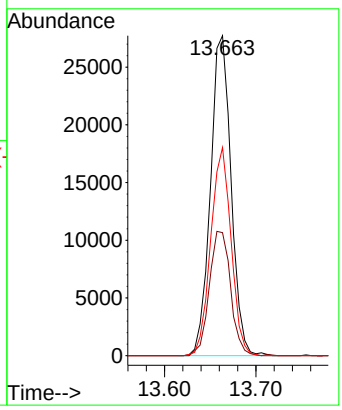




#91
1,2-Dichlorobenzene
Concen: 10.781 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:146 Resp: 4346

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	64.0	31.4	94.0



Instrument :
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ClientSampleId :
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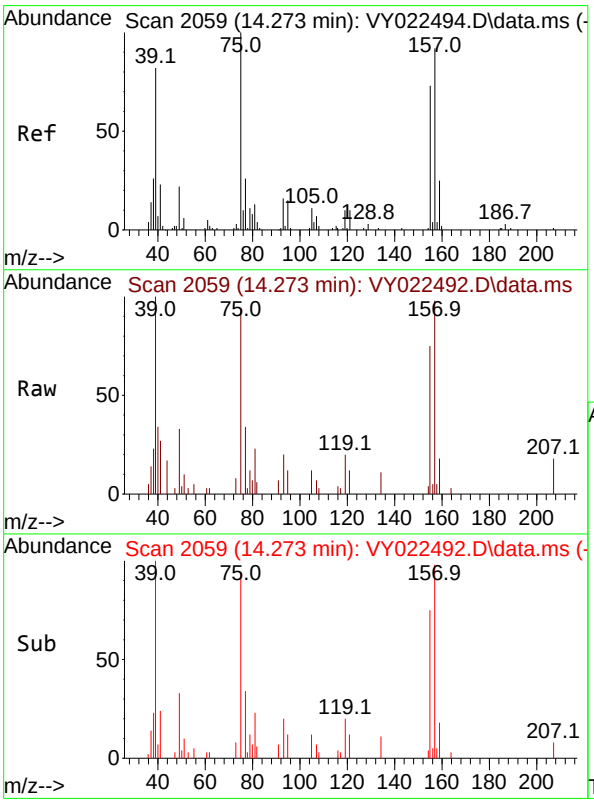
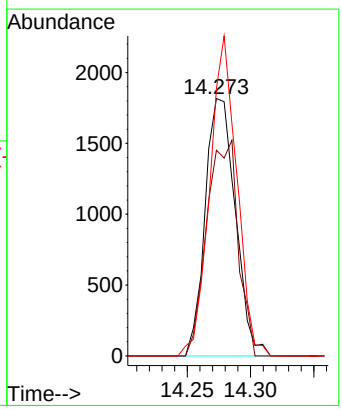
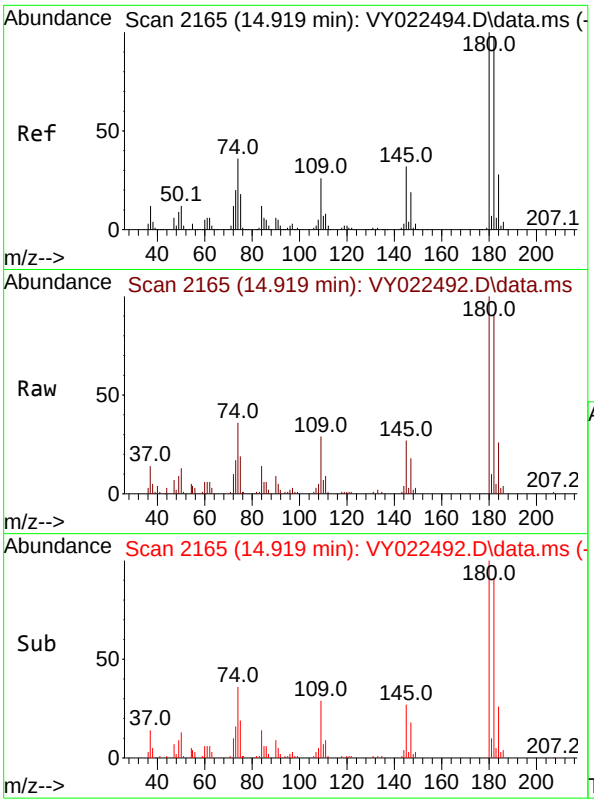


#92
1,2-Dibromo-3-Chloropropane
Concen: 11.095 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 3014

Ion	Ratio	Lower	Upper
75	100		
155	86.2	39.9	119.6
157	111.3	54.0	162.0

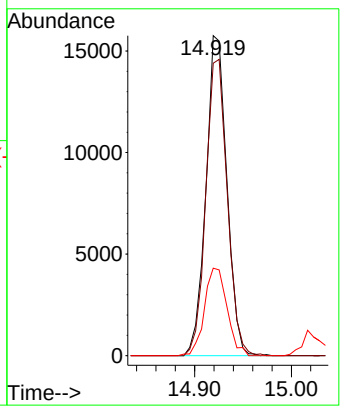




#93
1,2,4-Trichlorobenzene
Concen: 10.760 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:180 Resp: 2371

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.3
145	29.5	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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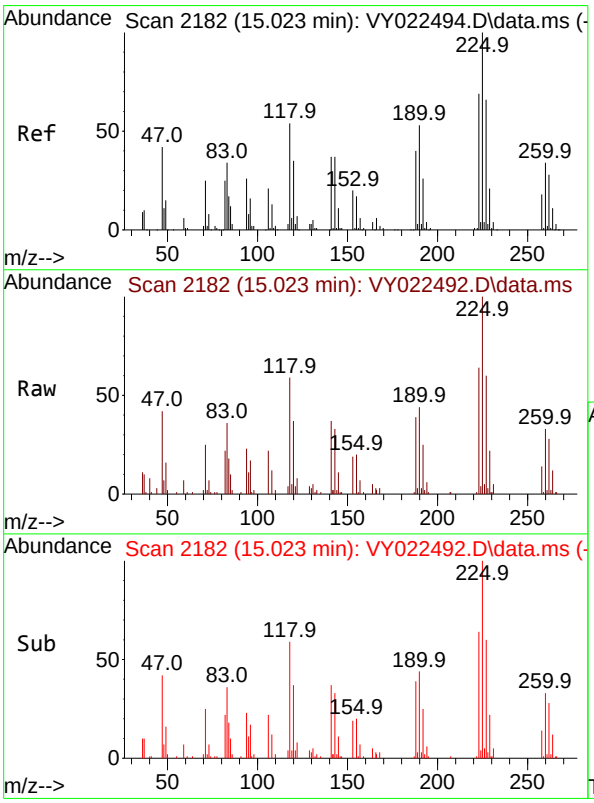
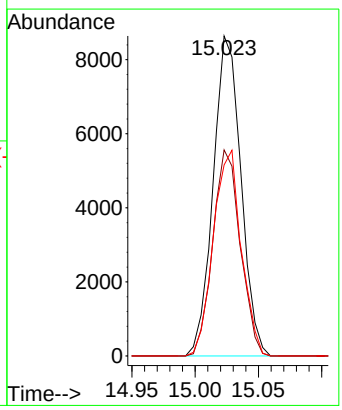
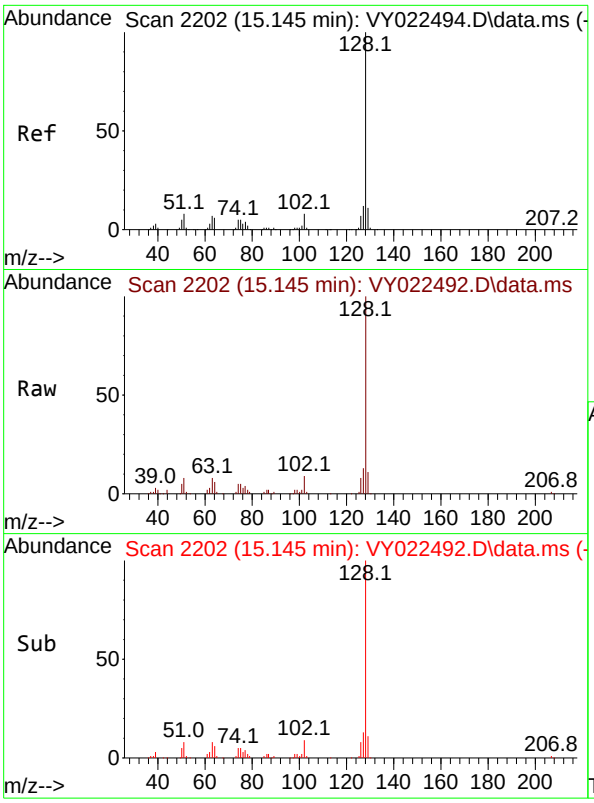


#94
Hexachlorobutadiene
Concen: 10.951 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:225 Resp: 13179

Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.5	97.4
227	64.7	32.3	96.9

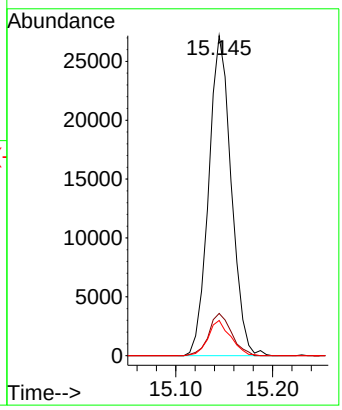




#95
Naphthalene
Concen: 10.434 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:128 Resp: 4406

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.9	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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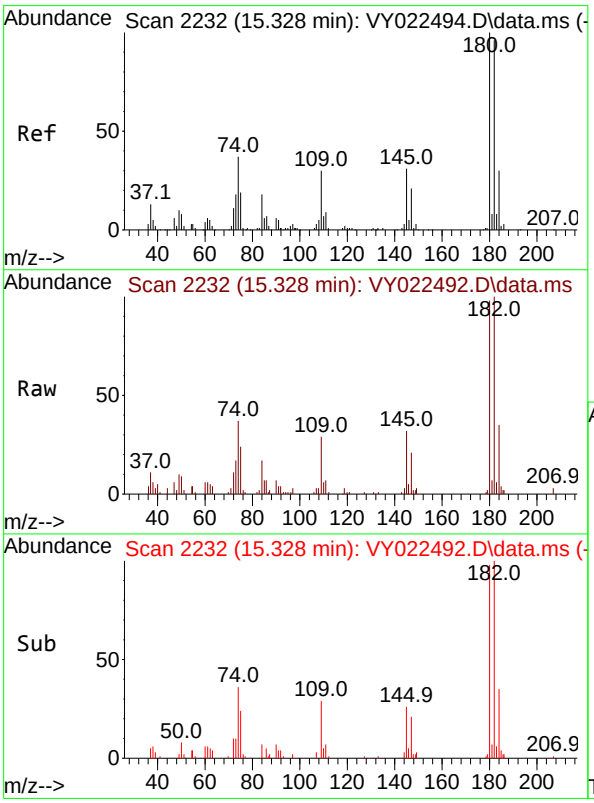
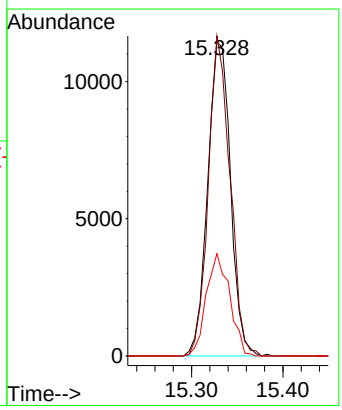
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 10.581 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:180 Resp: 19814

Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.1	141.3
145	33.5	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	217359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	369398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	314276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48383	20.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.920%#		
35) Dibromofluoromethane	7.640	113	44482	20.456	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.920%#		
50) Toluene-d8	10.109	98	171165	19.474	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.940%#		
62) 4-Bromofluorobenzene	12.408	95	51231	19.225	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	43056	22.669	ug/l	99
3) Chloromethane	2.068	50	124441	22.209	ug/l	98
4) Vinyl Chloride	2.208	62	143182	21.833	ug/l	99
5) Bromomethane	2.592	94	148203	23.891	ug/l	99
6) Chloroethane	2.739	64	104116	23.188	ug/l	98
7) Trichlorofluoromethane	3.056	101	124370	22.320	ug/l	94
8) Diethyl Ether	3.458	74	27359	22.230	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	49746	21.283	ug/l	99
10) Methyl Iodide	4.013	142	52917	21.112	ug/l	99
11) Tert butyl alcohol	4.891	59	19456	115.163	ug/l	96
12) 1,1-Dichloroethene	3.793	96	47770	21.411	ug/l	100
13) Acrolein	3.659	56	22974	111.404	ug/l	98
14) Allyl chloride	4.391	41	73926	21.263	ug/l	98
15) Acrylonitrile	5.073	53	57803	110.420	ug/l	97
16) Acetone	3.885	43	52330	111.925	ug/l	99
17) Carbon Disulfide	4.110	76	150515	21.130	ug/l	99
18) Methyl Acetate	4.397	43	34419	24.470	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	136549	21.935	ug/l	98
20) Methylene Chloride	4.622	84	55399	21.222	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	53194	21.342	ug/l	93
22) Diisopropyl ether	6.031	45	168064	21.739	ug/l	97
23) Vinyl Acetate	5.970	43	497937	108.569	ug/l	99
24) 1,1-Dichloroethane	5.927	63	97760	21.392	ug/l	97
25) 2-Butanone	6.902	43	77329	112.124	ug/l	93
26) 2,2-Dichloropropane	6.890	77	84543	20.811	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	61362	21.300	ug/l	98
28) Bromochloromethane	7.256	49	41634	21.085	ug/l	99
29) Tetrahydrofuran	7.268	42	49517	111.296	ug/l	99
30) Chloroform	7.427	83	96414	21.350	ug/l	96
31) Cyclohexane	7.707	56	95487	20.762	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	84365	20.905	ug/l	99
36) 1,1-Dichloropropene	7.841	75	72658	20.670	ug/l	98
37) Ethyl Acetate	6.988	43	34204	22.110	ug/l	98
38) Carbon Tetrachloride	7.823	117	73370	20.247	ug/l	93
39) Methylcyclohexane	9.115	83	95280	20.065	ug/l	97
40) Benzene	8.085	78	217595	21.000	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	19470	19.542	ug/l		95
42) 1,2-Dichloroethane	8.164	62	61097	21.676	ug/l		98
43) Isopropyl Acetate	8.201	43	73745	21.814	ug/l		97
44) Trichloroethene	8.872	130	52175	20.613	ug/l		98
45) 1,2-Dichloropropane	9.146	63	52378	21.204	ug/l		99
46) Dibromomethane	9.237	93	29741	21.491	ug/l		99
47) Bromodichloromethane	9.426	83	73717	20.995	ug/l		99
48) Methyl methacrylate	9.225	41	34508	22.294	ug/l		99
49) 1,4-Dioxane	9.237	88	7444	450.895	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	181461	108.147	ug/l		98
52) Toluene	10.176	92	133601	20.508	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	70358	21.660	ug/l		95
54) cis-1,3-Dichloropropene	9.859	75	80524	21.141	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	38079	21.849	ug/l		98
56) Ethyl methacrylate	10.444	69	54734	21.626	ug/l		99
57) 1,3-Dichloropropane	10.719	76	66163	21.317	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.713	63	118244	104.797	ug/l		100
59) 2-Hexanone	10.761	43	122817	109.805	ug/l		99
60) Dibromochloromethane	10.914	129	47952	21.715	ug/l		98
61) 1,2-Dibromoethane	11.018	107	35324	21.965	ug/l		95
64) Tetrachloroethene	10.652	164	56256	21.063	ug/l		99
65) Chlorobenzene	11.444	112	138583	20.336	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	47587	20.600	ug/l		98
67) Ethyl Benzene	11.524	91	252180	19.871	ug/l		100
68) m/p-Xylenes	11.633	106	192372	40.053	ug/l		99
69) o-Xylene	11.956	106	90598	20.155	ug/l		98
70) Styrene	11.969	104	149486	20.086	ug/l		98
71) Bromoform	12.133	173	25089	20.668	ug/l	#	99
73) Isopropylbenzene	12.255	105	236185	20.303	ug/l		99
74) N-amyl acetate	12.072	43	62437	21.224	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.511	83	39986	21.165	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	33589m	17.622	ug/l		
77) Bromobenzene	12.536	156	51416	20.853	ug/l		99
78) n-propylbenzene	12.597	91	286589	20.239	ug/l		99
79) 2-Chlorotoluene	12.682	91	153250	20.497	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	187101	20.570	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	13897	20.904	ug/l		97
82) 4-Chlorotoluene	12.779	91	154601	19.951	ug/l		99
83) tert-Butylbenzene	12.999	119	167512	20.188	ug/l		100
84) 1,2,4-Trimethylbenzene	13.048	105	184202	20.241	ug/l		100
85) sec-Butylbenzene	13.176	105	251350	19.979	ug/l		100
86) p-Isopropyltoluene	13.292	119	207417	20.054	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	99901	20.252	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	100082	20.823	ug/l		98
89) n-Butylbenzene	13.621	91	199786	20.287	ug/l		99
90) Hexachloroethane	13.883	117	41119	20.316	ug/l		100
91) 1,2-Dichlorobenzene	13.663	146	89355	21.085	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5939	20.796	ug/l		94
93) 1,2,4-Trichlorobenzene	14.925	180	46919	20.254	ug/l		99
94) Hexachlorobutadiene	15.023	225	25462	20.124	ug/l		99
95) Naphthalene	15.145	128	93203	20.994	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	41131	20.892	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
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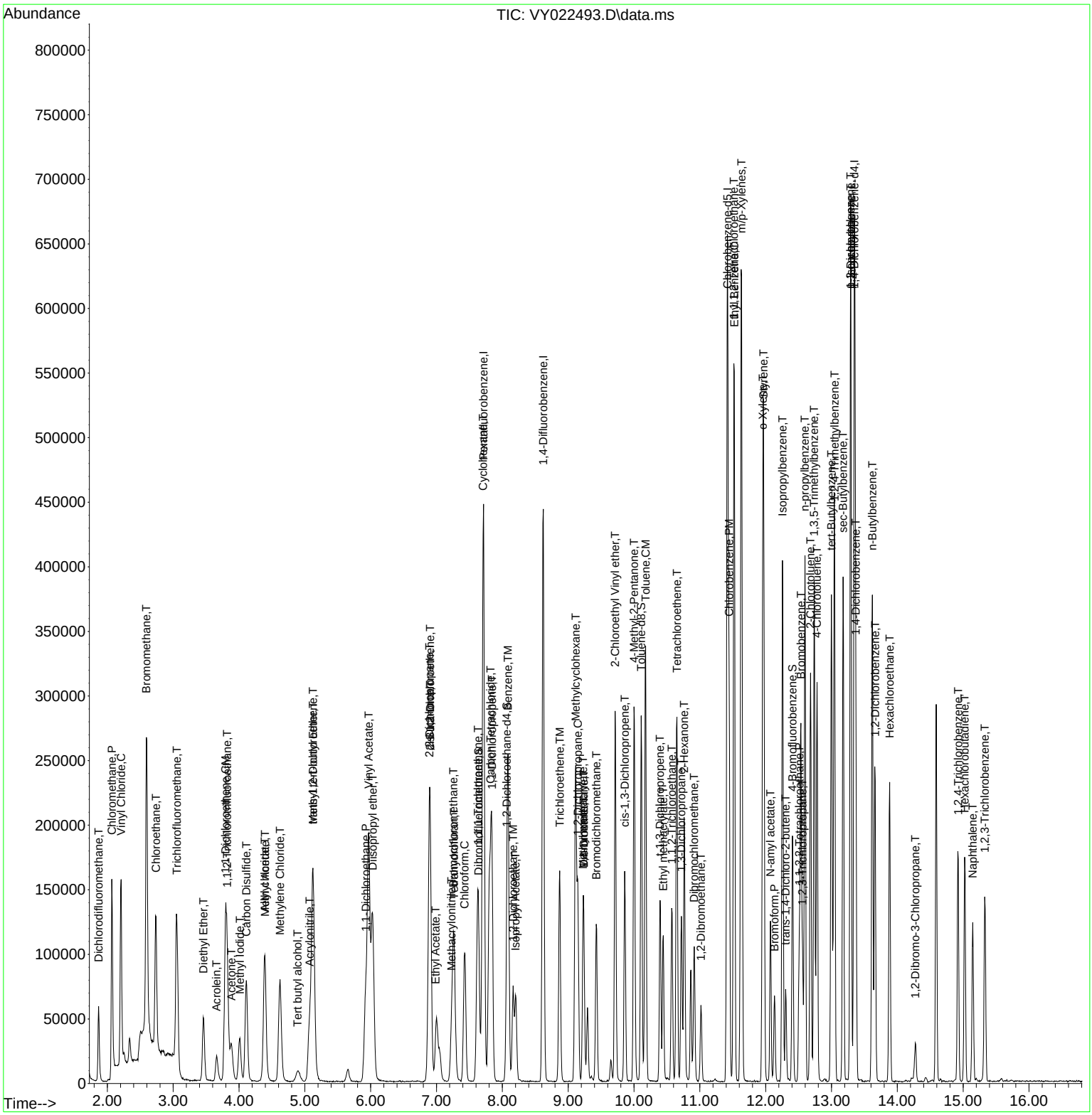
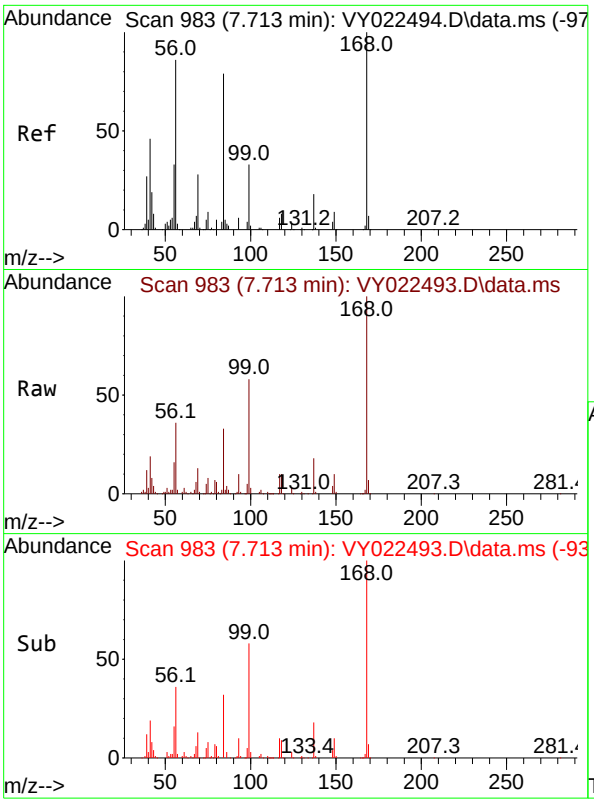
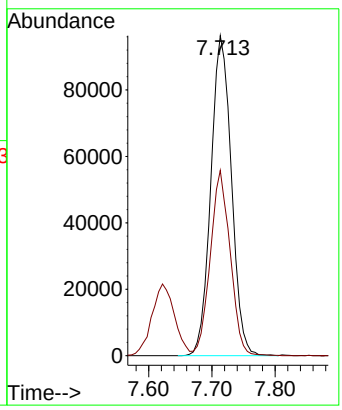




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:168 Resp: 21735

Ion	Ratio	Lower	Upper
168	100		
99	57.8	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

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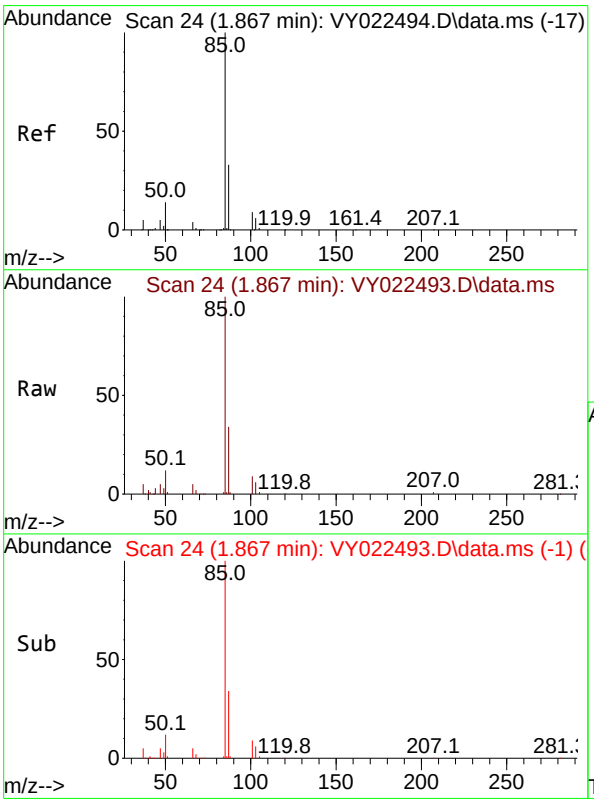
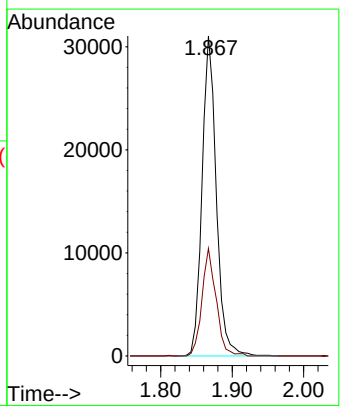
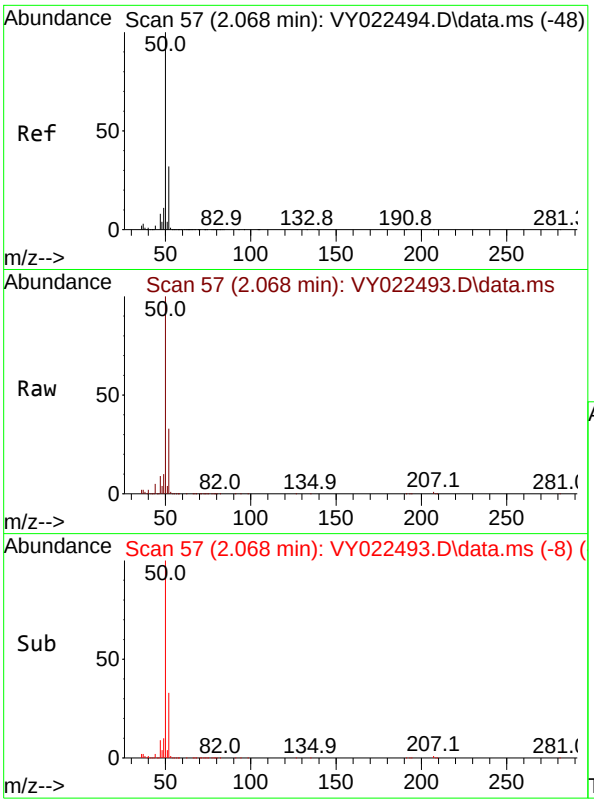


#2
Dichlorodifluoromethane
Concen: 22.669 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 85 Resp: 43056

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.7	50.0

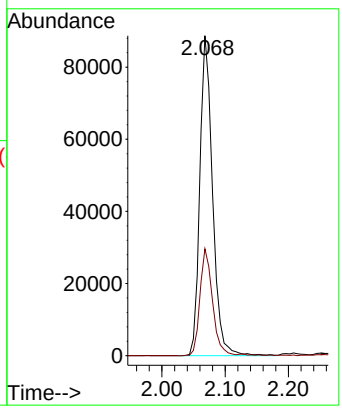




#3
Chloromethane
Concen: 22.209 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 50 Resp: 12444

Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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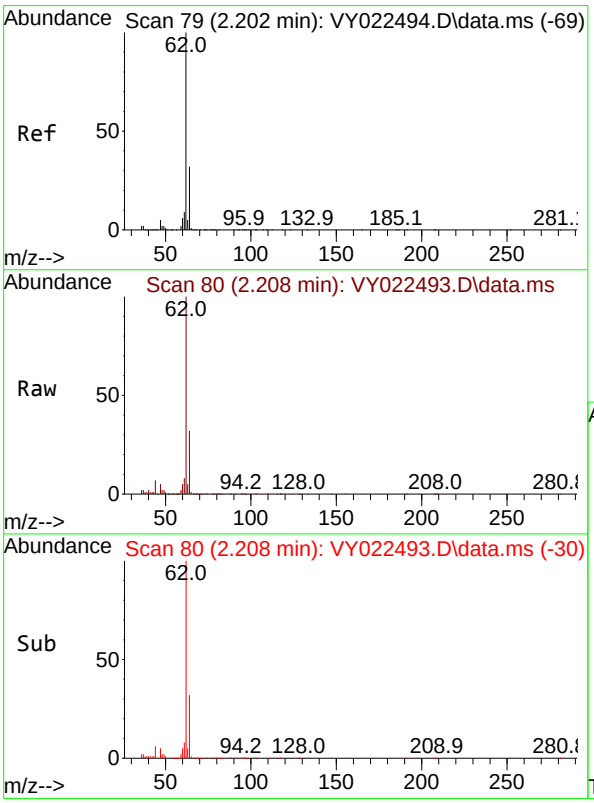
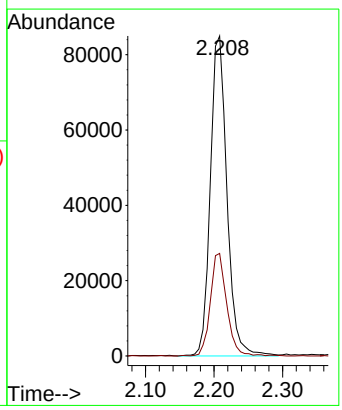
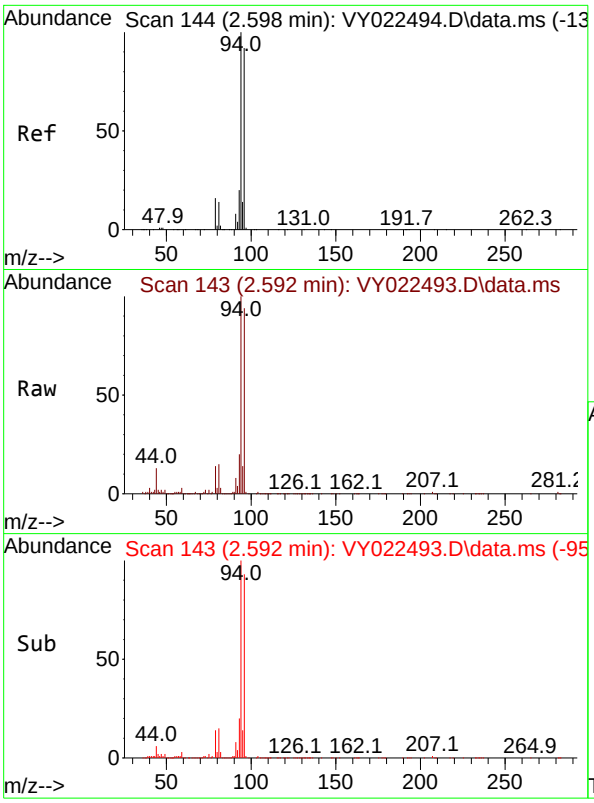


#4
Vinyl Chloride
Concen: 21.833 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 62 Resp: 143182

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.3	37.9

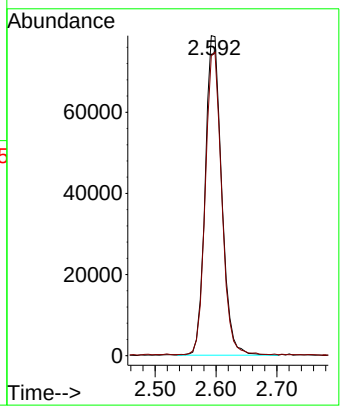




#5
Bromomethane
Concen: 23.891 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 94 Resp: 14820

Ion	Ratio	Lower	Upper
94	100		
96	93.5	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

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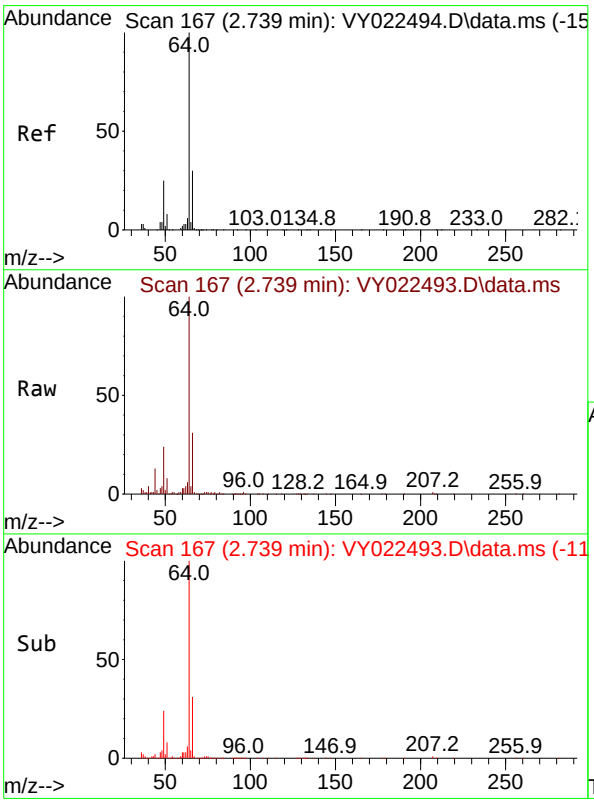
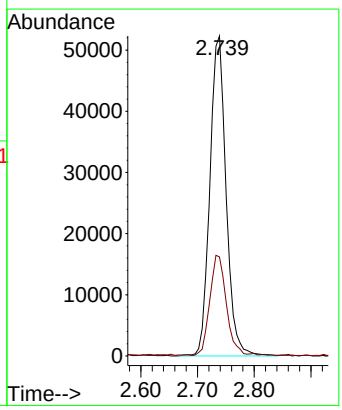
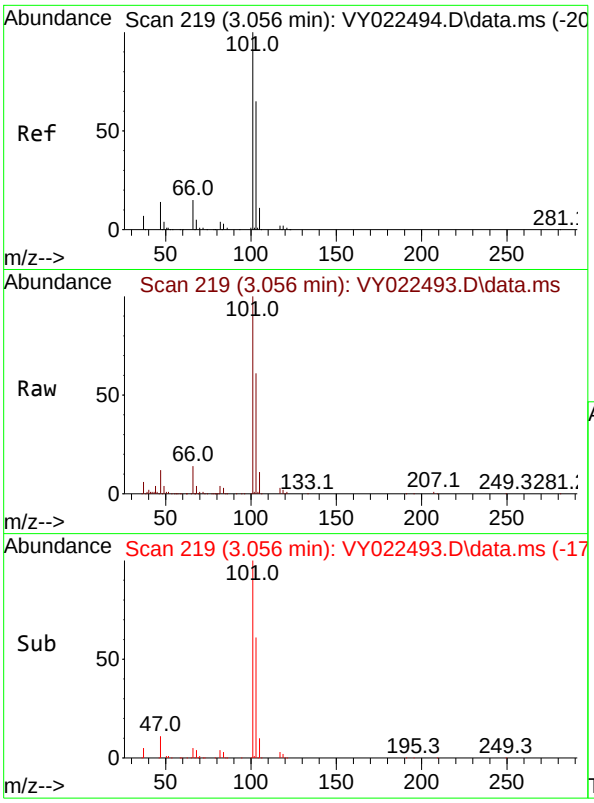


#6
Chloroethane
Concen: 23.188 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 64 Resp: 104116

Ion	Ratio	Lower	Upper
64	100		
66	30.8	23.8	35.6

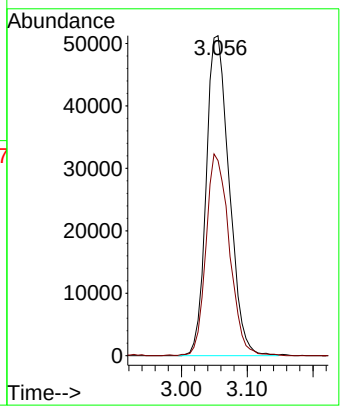




#7
Trichlorofluoromethane
Concen: 22.320 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:101 Resp: 12437

Ion	Ratio	Lower	Upper
101	100		
103	60.8	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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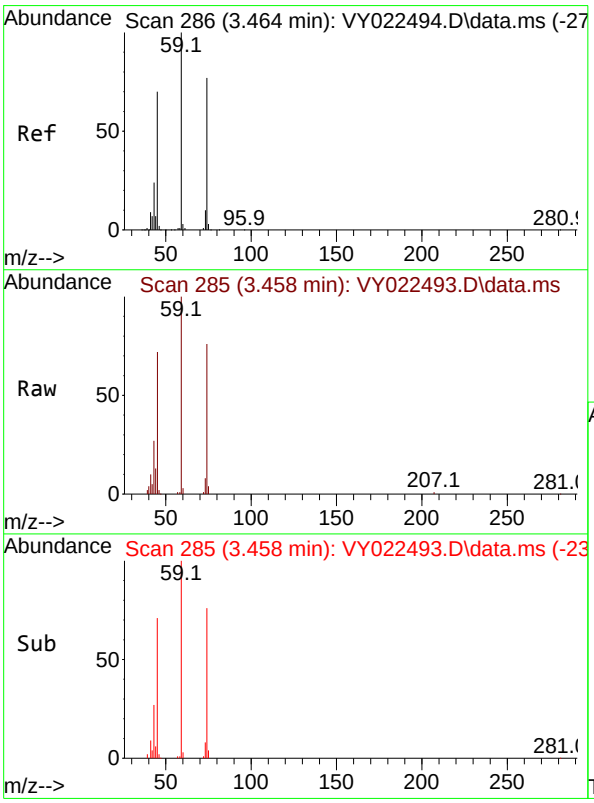
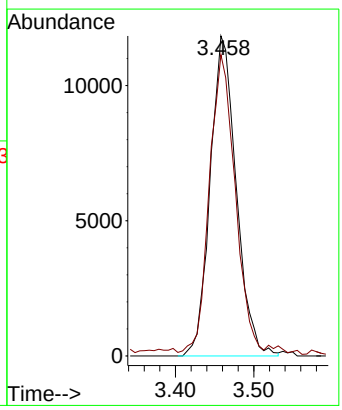
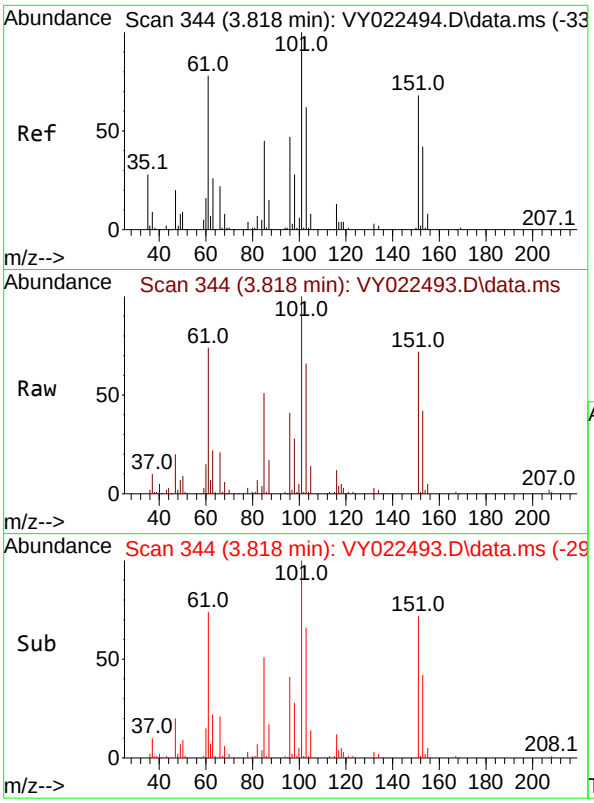


#8
Diethyl Ether
Concen: 22.230 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 74 Resp: 27359

Ion	Ratio	Lower	Upper
74	100		
45	91.2	45.9	137.6

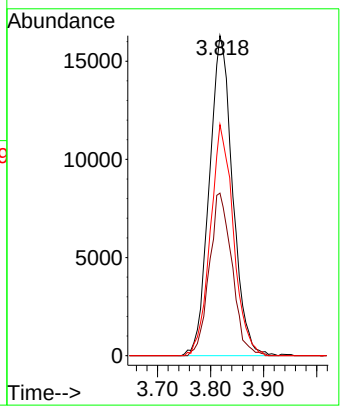




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.283 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:101 Resp: 4974

Ion	Ratio	Lower	Upper
101	100		
85	49.4	39.3	58.9
151	71.4	57.8	86.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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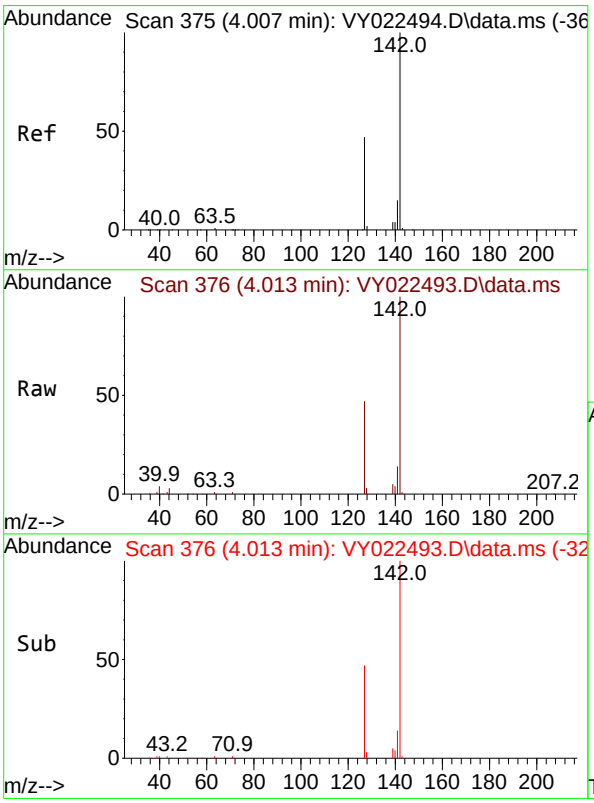
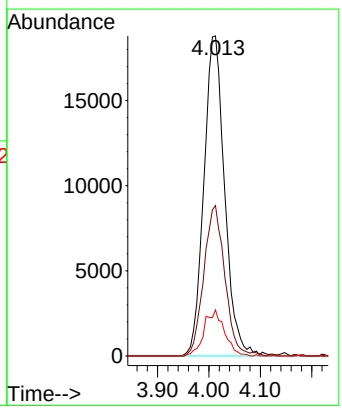
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

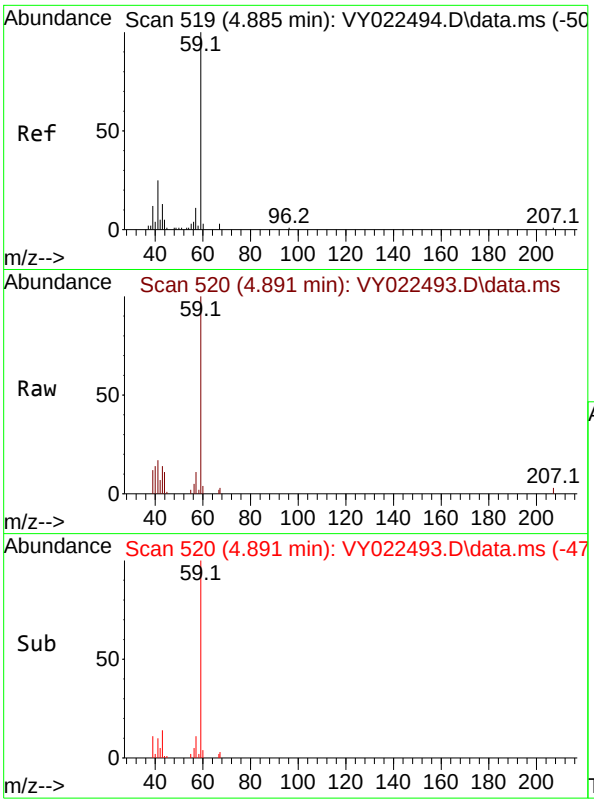


#10
Methyl Iodide
Concen: 21.112 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:142 Resp: 52917

Ion	Ratio	Lower	Upper
142	100		
127	47.5	37.1	55.7
141	14.1	11.4	17.2

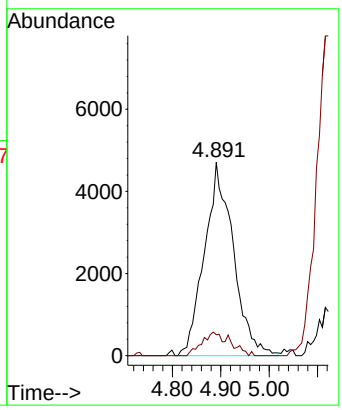




#11
Tert butyl alcohol
Concen: 115.163 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 59 Resp: 1945

Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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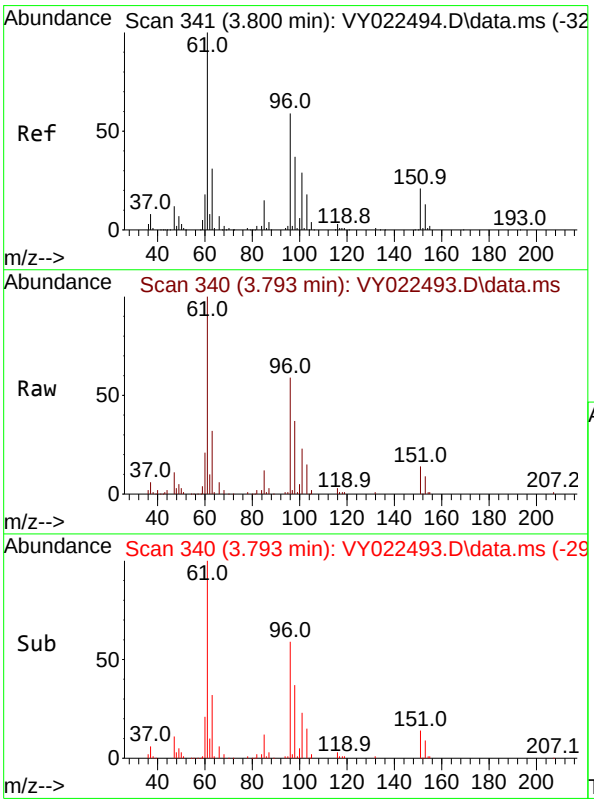
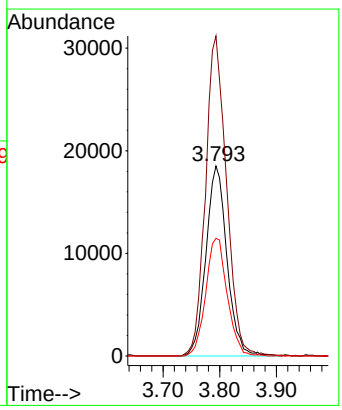
Supervised By :Mahesh Dadoda 06/03/2025

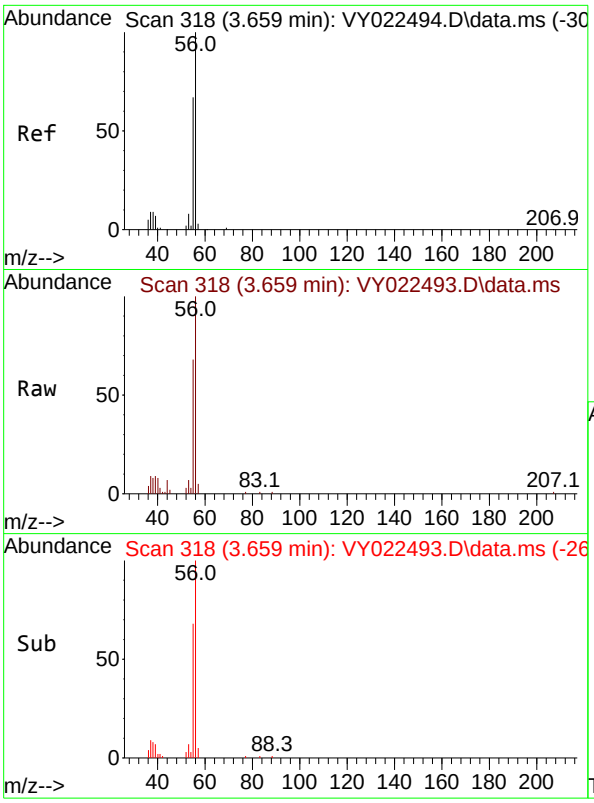


#12
1,1-Dichloroethene
Concen: 21.411 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 96 Resp: 47770

Ion	Ratio	Lower	Upper
96	100		
61	168.5	134.6	201.8
98	61.9	50.2	75.4

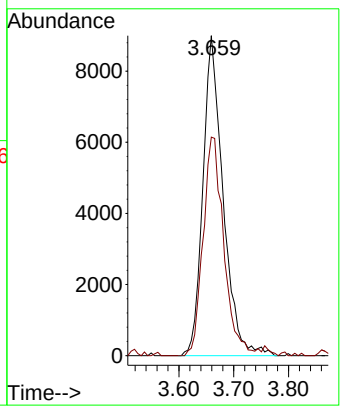




#13
Acrolein
Concen: 111.404 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 56 Resp: 2297

Ion	Ratio	Lower	Upper
56	100		
55	69.8	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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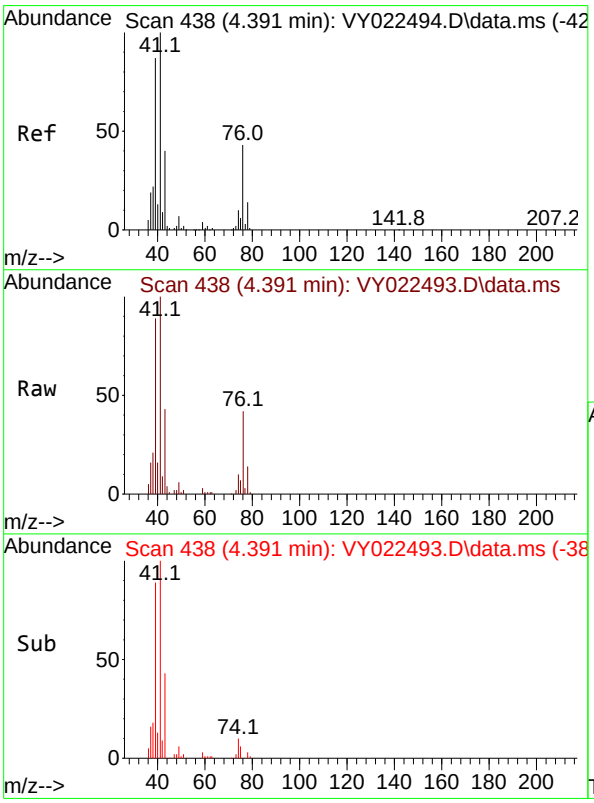
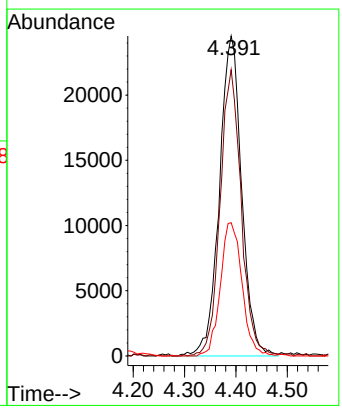
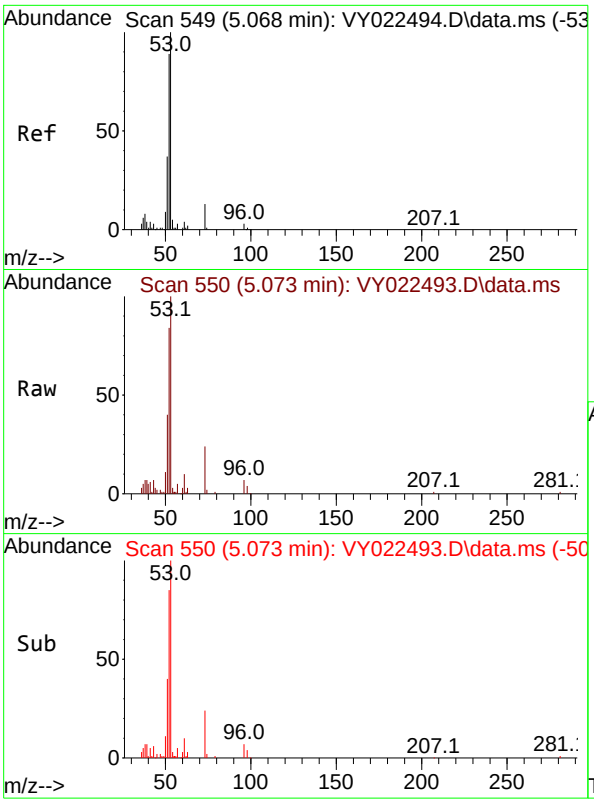


#14
Allyl chloride
Concen: 21.263 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 41 Resp: 73926

Ion	Ratio	Lower	Upper
41	100		
39	84.7	69.1	103.7
76	40.5	33.5	50.3

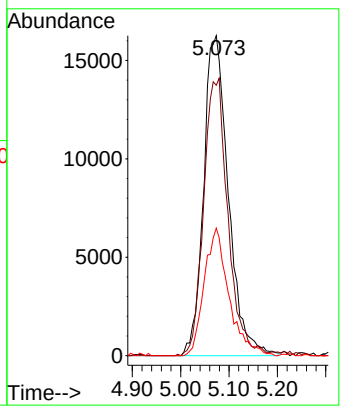




#15
Acrylonitrile
Concen: 110.420 ug/l
RT: 5.073 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 53 Resp: 5780

Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.7	98.5
51	39.8	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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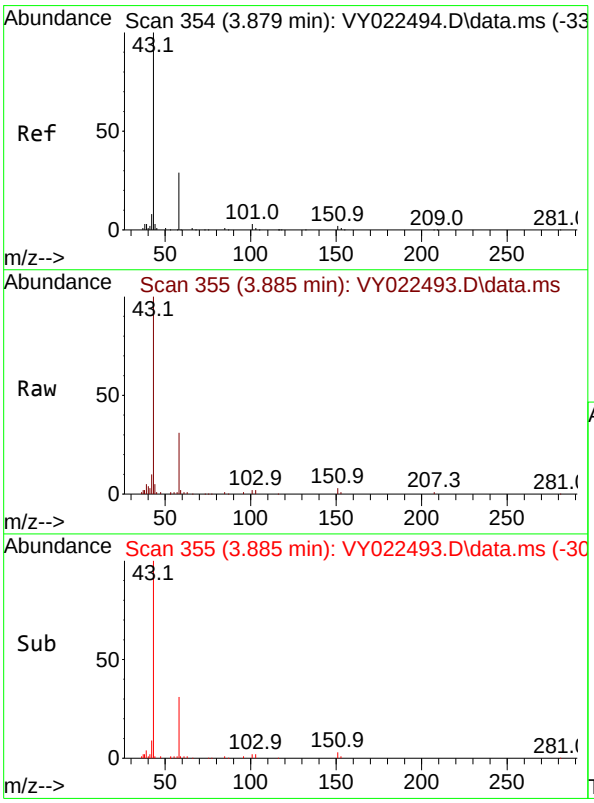
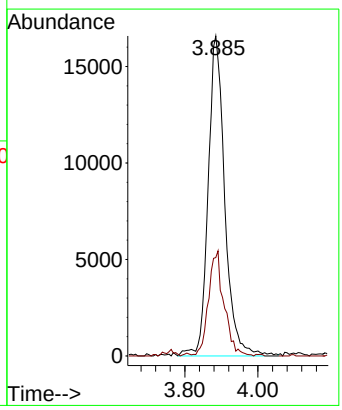
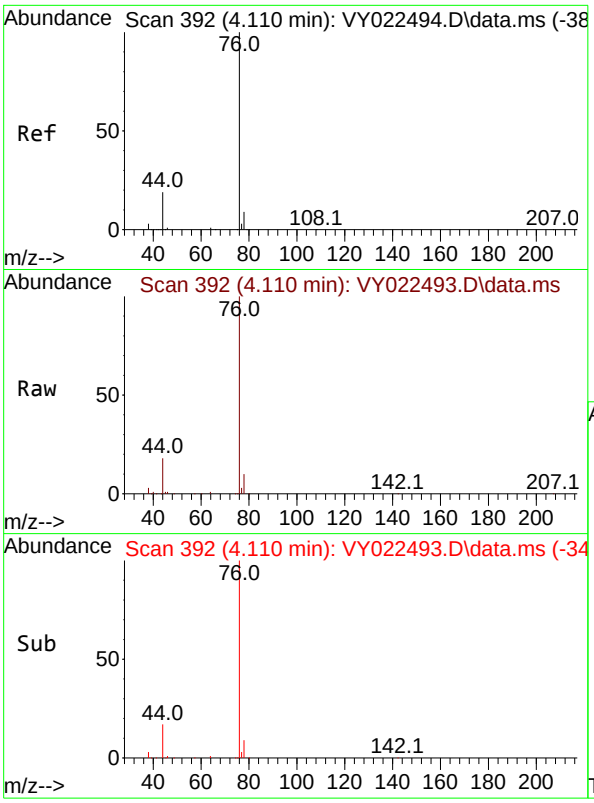


#16
Acetone
Concen: 111.925 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 52330

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.0	36.0

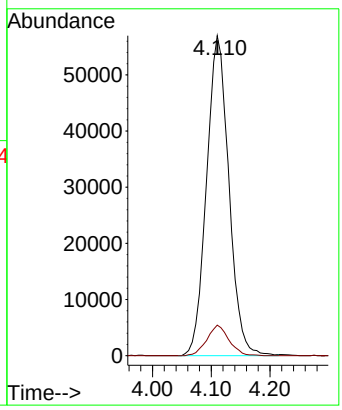




#17
Carbon Disulfide
Concen: 21.130 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 76 Resp: 15051

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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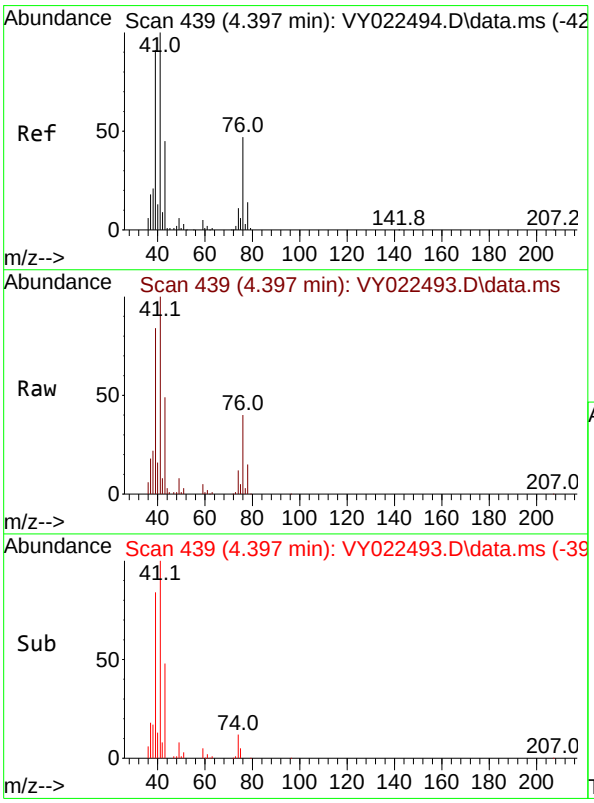
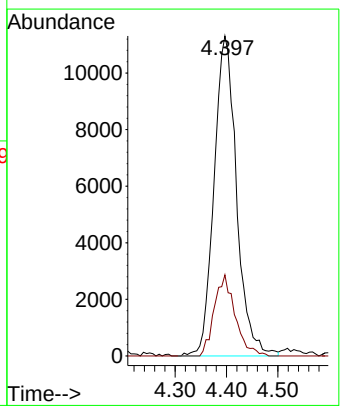
Supervised By :Mahesh Dadoda 06/03/2025

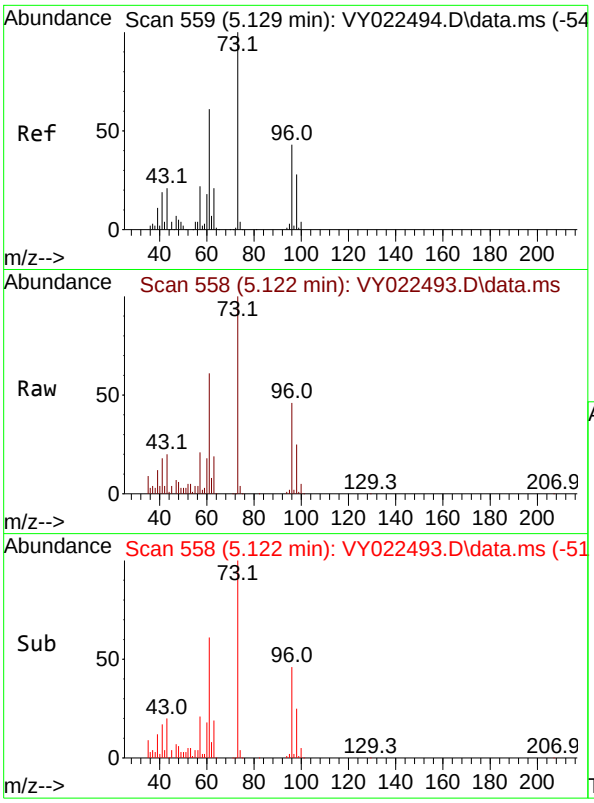


#18
Methyl Acetate
Concen: 24.470 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 34419

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.8	29.6

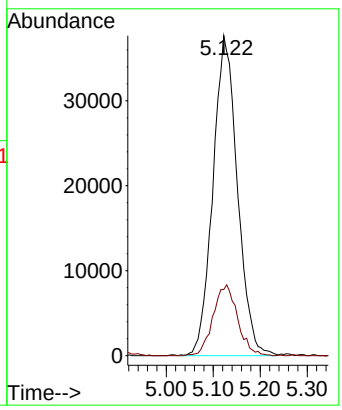




#19
Methyl tert-butyl Ether
Concen: 21.935 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 73 Resp: 13654

Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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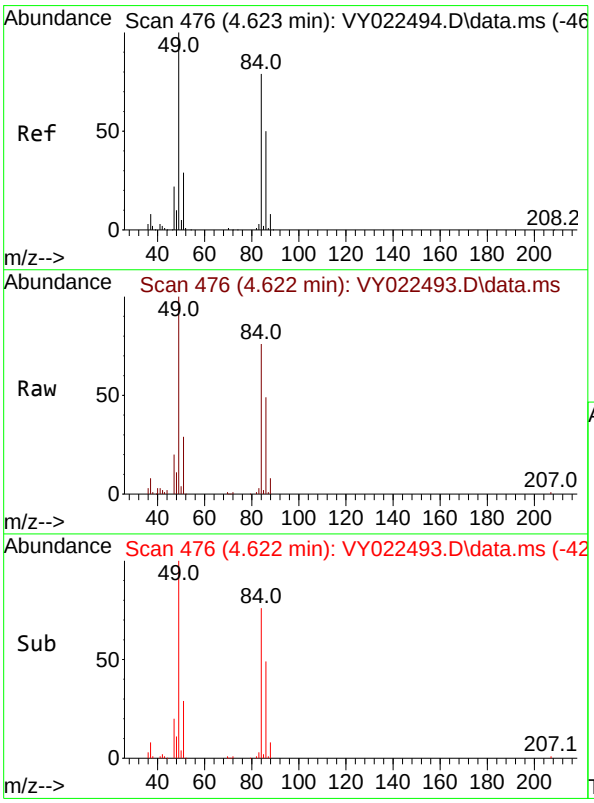
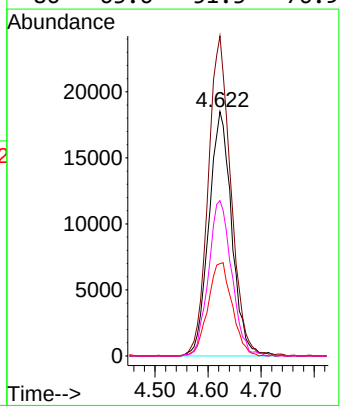
Supervised By :Mahesh Dadoda 06/03/2025

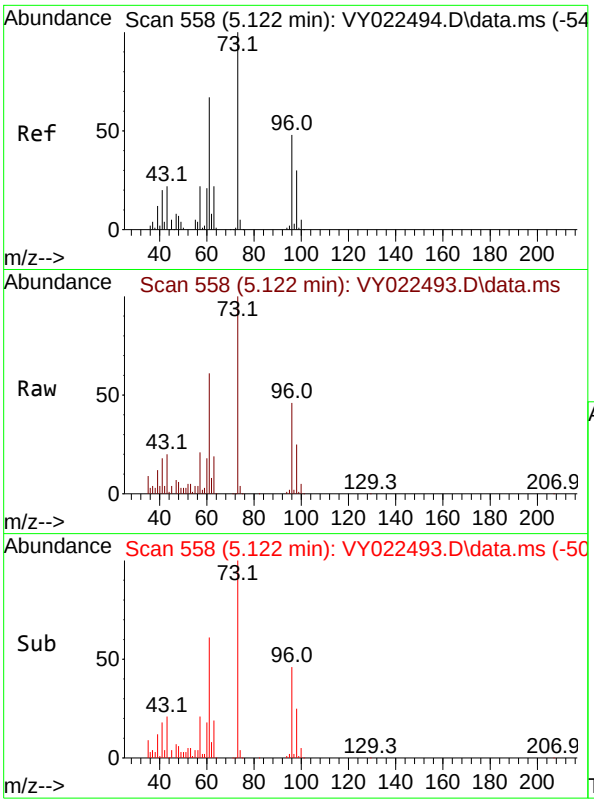


#20
Methylene Chloride
Concen: 21.222 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 84 Resp: 55399

Ion	Ratio	Lower	Upper
84	100		
49	131.0	101.9	152.9
51	37.8	29.8	44.8
86	63.6	51.3	76.9

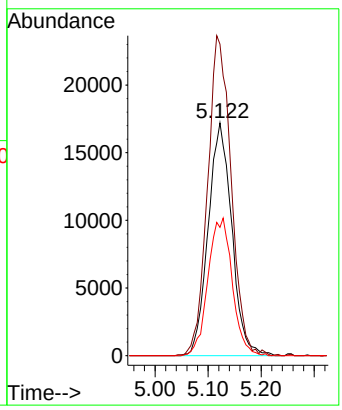




#21
trans-1,2-Dichloroethene
Concen: 21.342 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 96 Resp: 5319

Ion	Ratio	Lower	Upper
96	100		
61	133.3	112.6	169.0
98	55.1	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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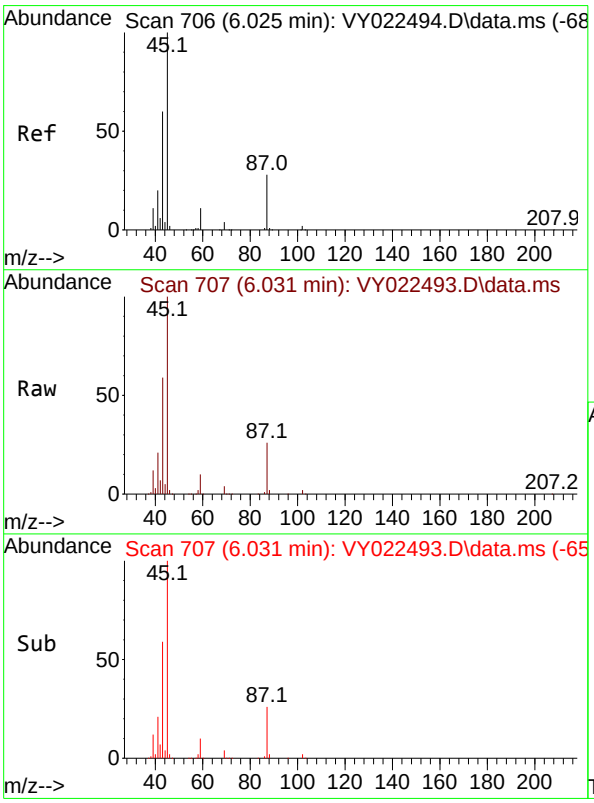
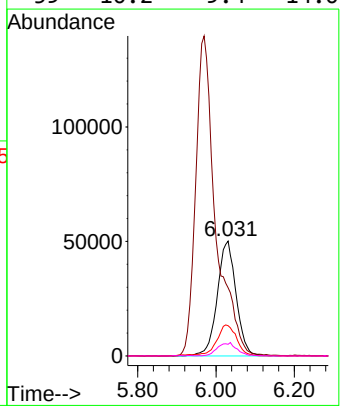
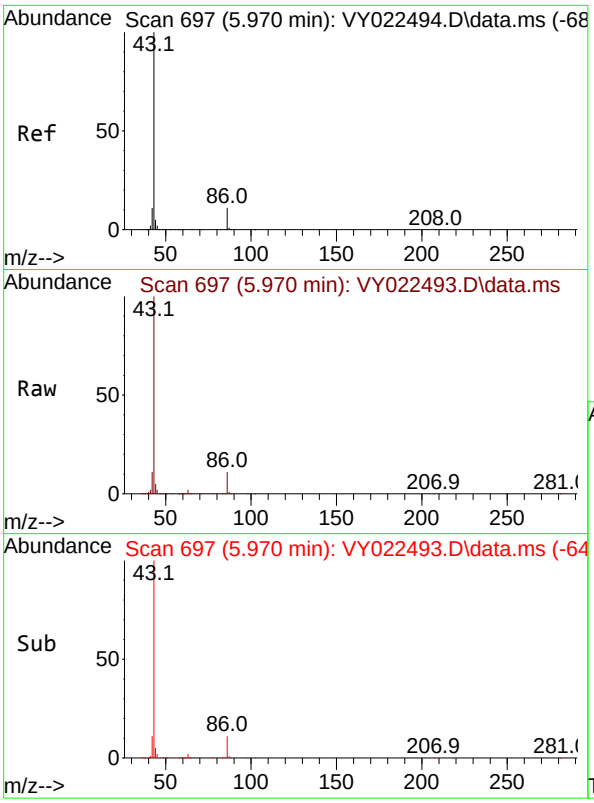


#22
Diisopropyl ether
Concen: 21.739 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 45 Resp: 168064

Ion	Ratio	Lower	Upper
45	100		
43	59.0	48.3	72.5
87	26.3	23.0	34.6
59	10.2	9.4	14.0





#23
Vinyl Acetate
Concen: 108.569 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 49793

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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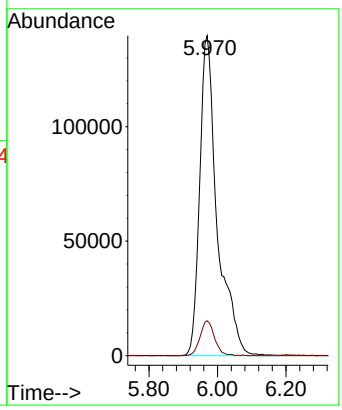
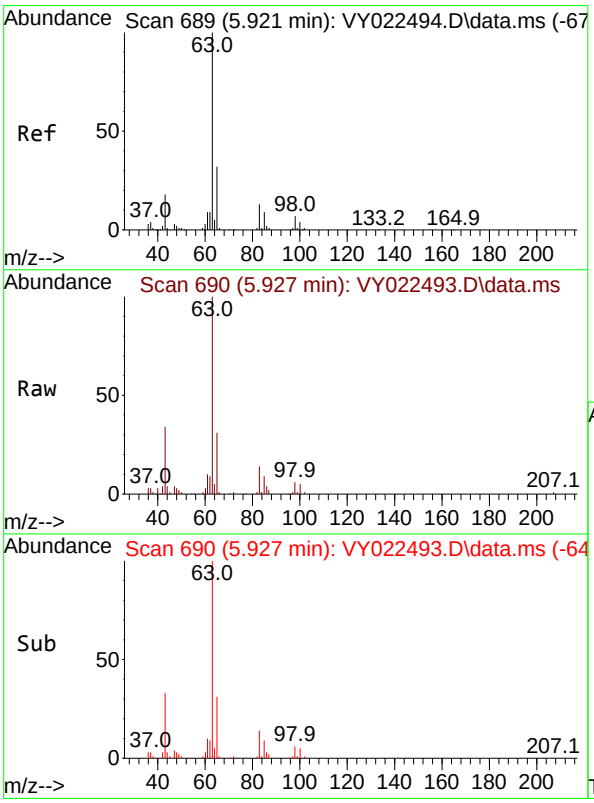
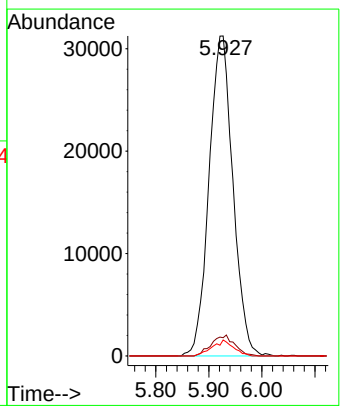


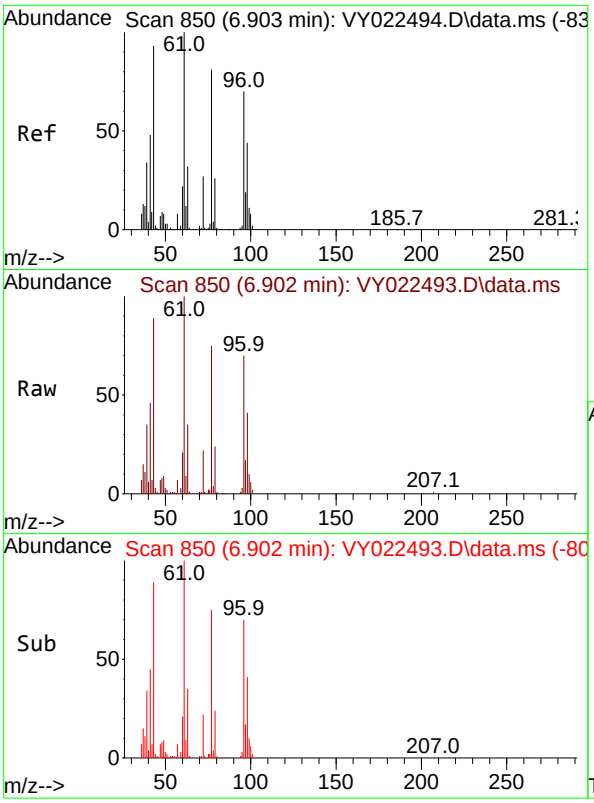


#24
1,1-Dichloroethane
Concen: 21.392 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 63 Resp: 97760

Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.4	10.1
100	5.0	2.1	6.3





#25
2-Butanone
Concen: 112.124 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 7732

Ion	Ratio	Lower	Upper
43	100		
72	24.9	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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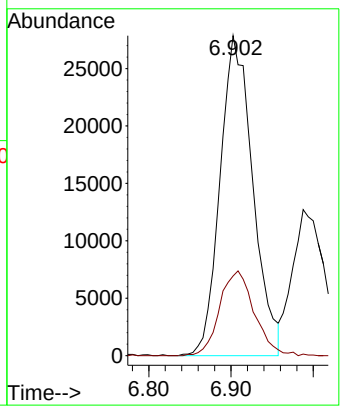
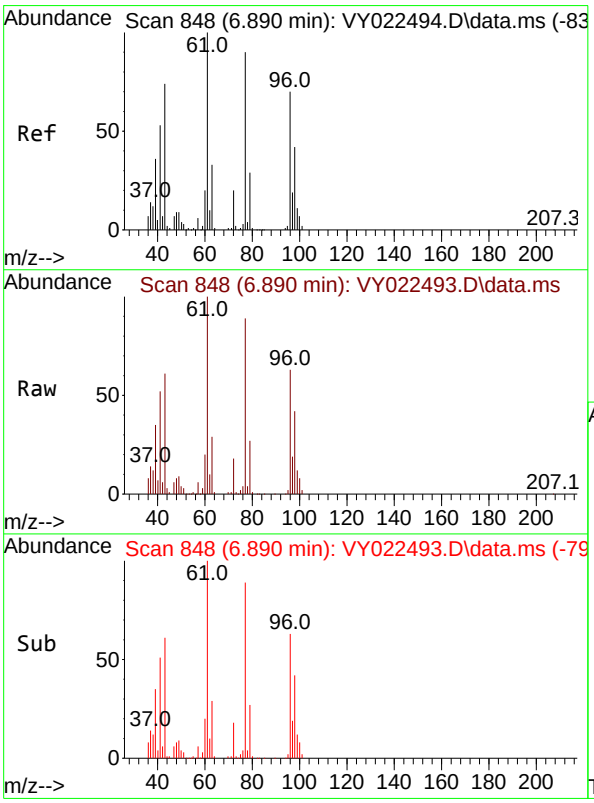
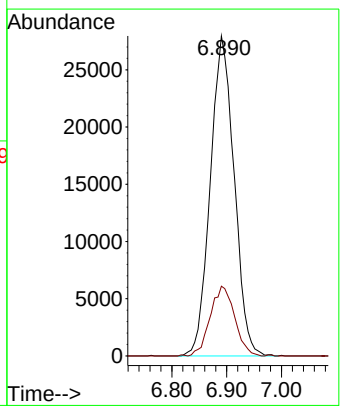


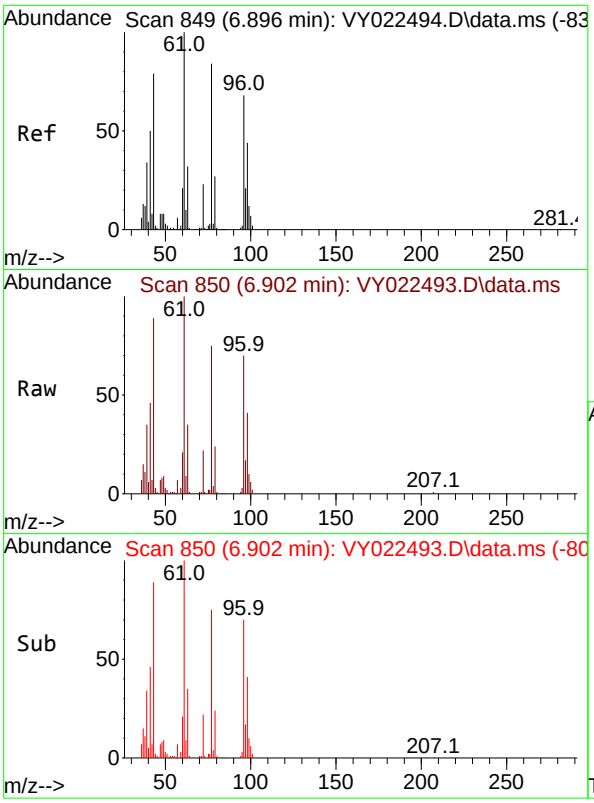


#26
2,2-Dichloropropane
Concen: 20.811 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 77 Resp: 84543

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.2

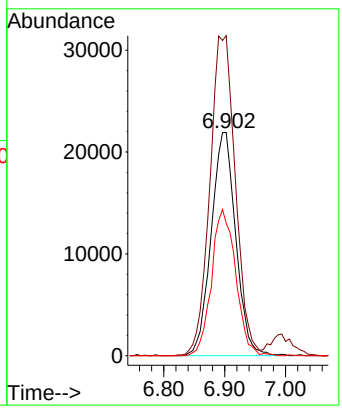




#27
cis-1,2-Dichloroethene
Concen: 21.300 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 96 Resp: 6136

Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	290.0
98	64.4	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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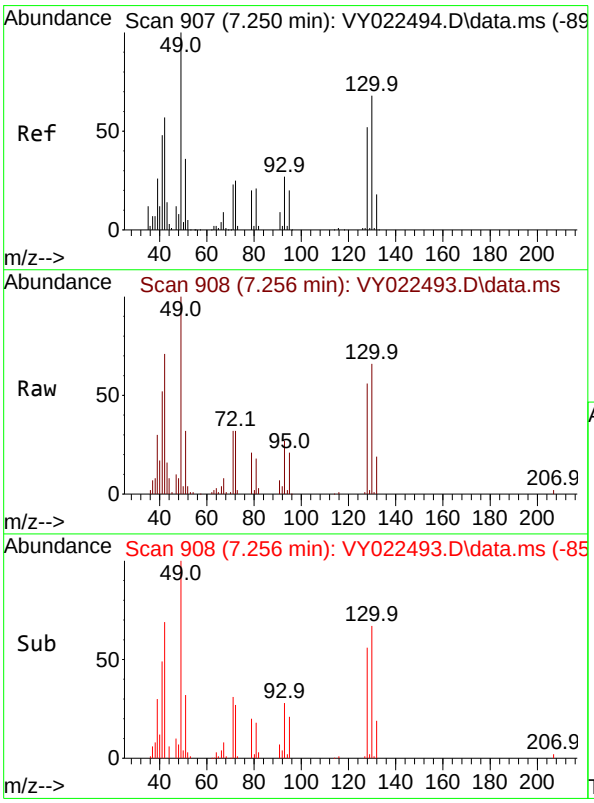
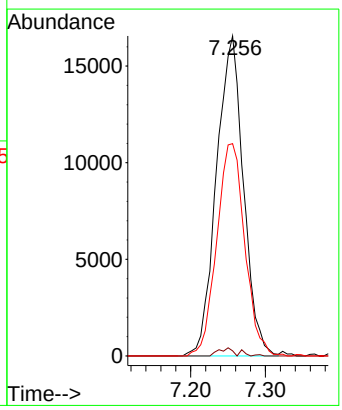
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

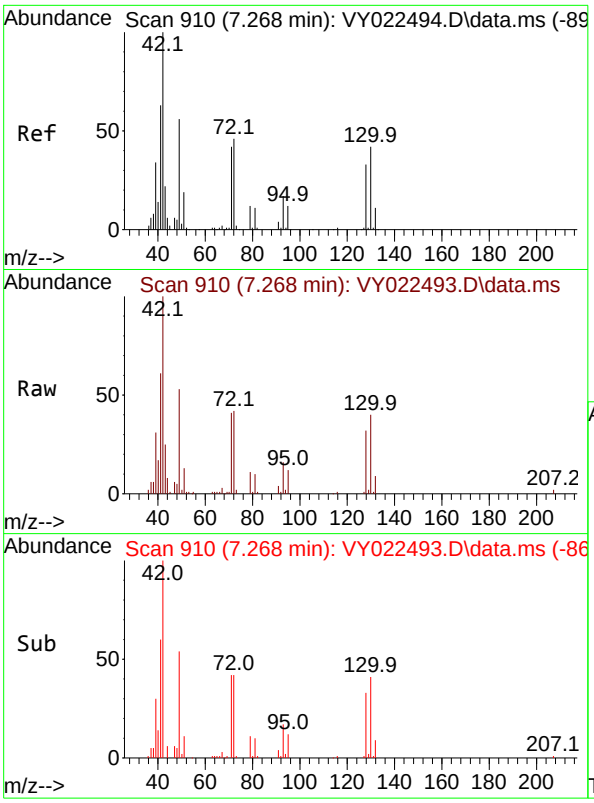


#28
Bromochloromethane
Concen: 21.085 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 49 Resp: 41634

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.6
130	69.0	55.7	83.5

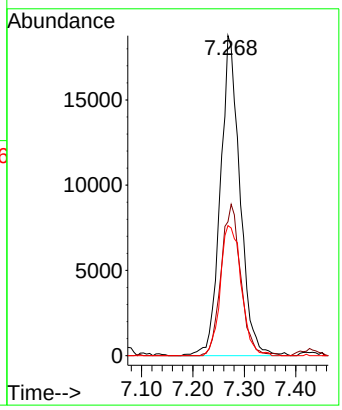




#29
Tetrahydrofuran
Concen: 111.296 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 42 Resp: 4951

Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.4	56.2
71	43.6	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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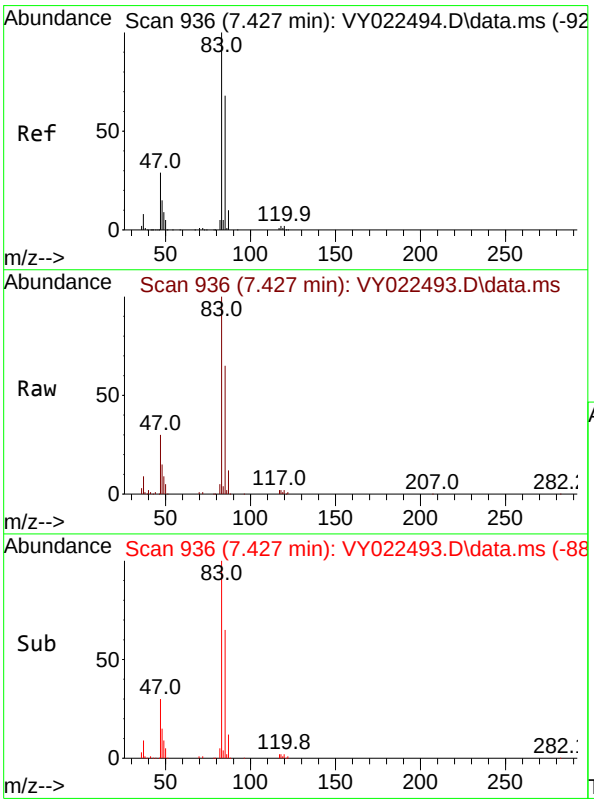
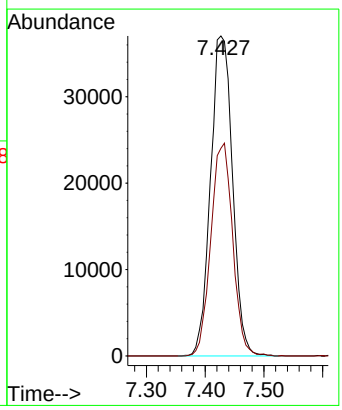
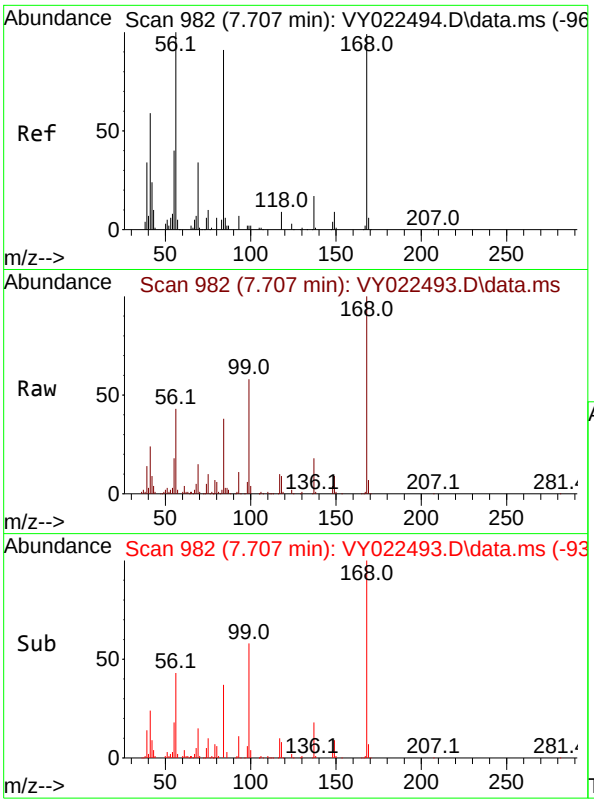


#30
Chloroform
Concen: 21.350 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 83 Resp: 96414

Ion	Ratio	Lower	Upper
83	100		
85	64.9	54.2	81.4





#31
Cyclohexane
Concen: 20.762 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 56 Resp: 9548

Ion	Ratio	Lower	Upper
56	100		
69	34.3	27.0	40.6
84	87.0	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
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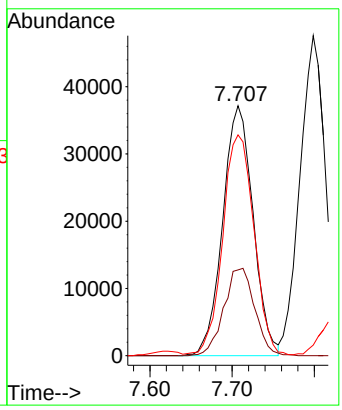
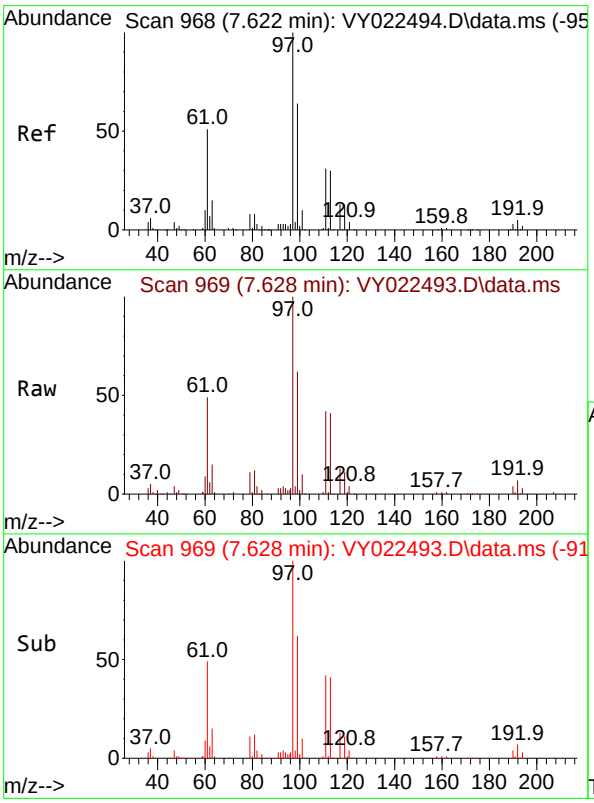
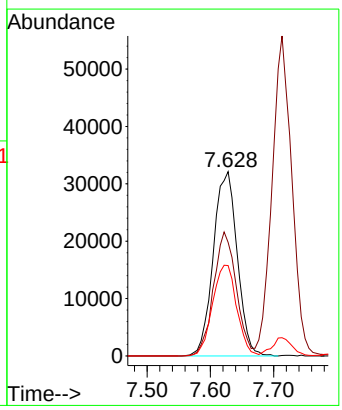


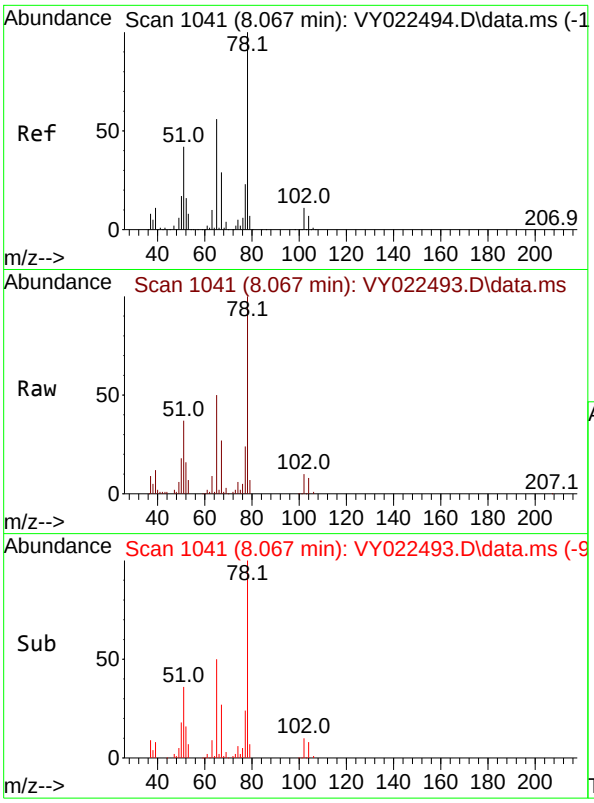


#32
1,1,1-Trichloroethane
Concen: 20.905 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 97 Resp: 84365

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.9	76.3
61	49.7	38.5	57.7

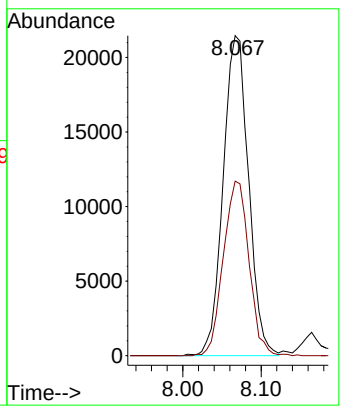




#33
1,2-Dichloroethane-d4
Concen: 20.457 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 65 Resp: 4838

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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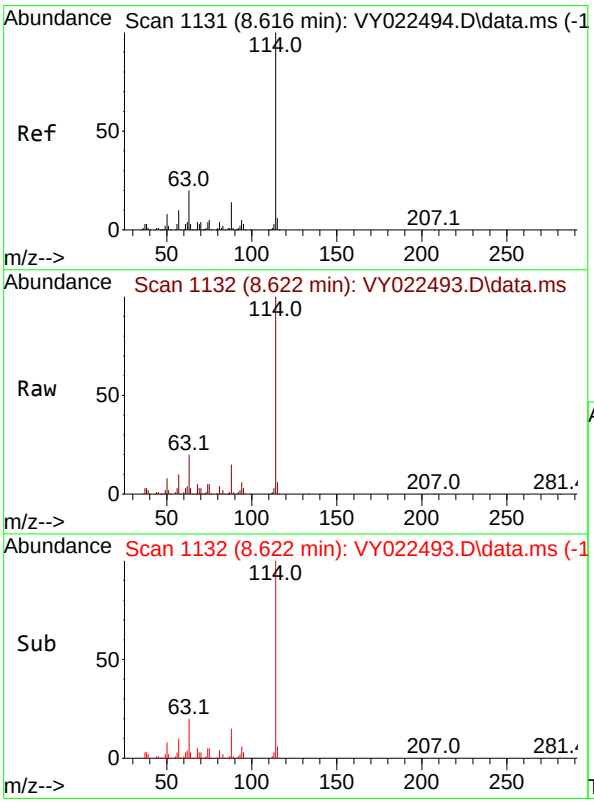
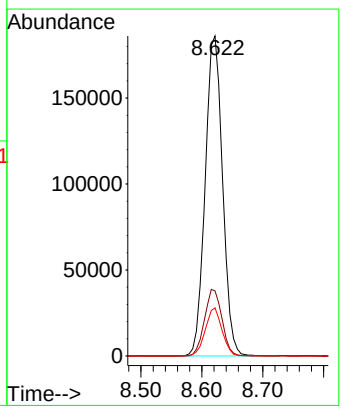
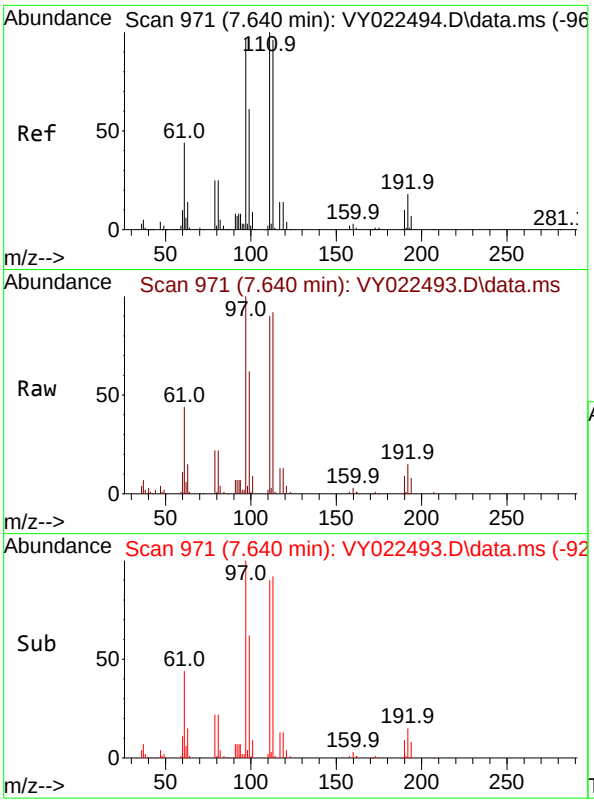


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:114 Resp: 369398

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	15.0	0.0	27.8

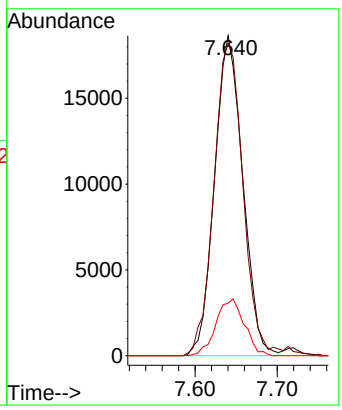




#35
Dibromofluoromethane
Concen: 20.456 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:113 Resp: 4448

Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.1	121.7
192	17.8	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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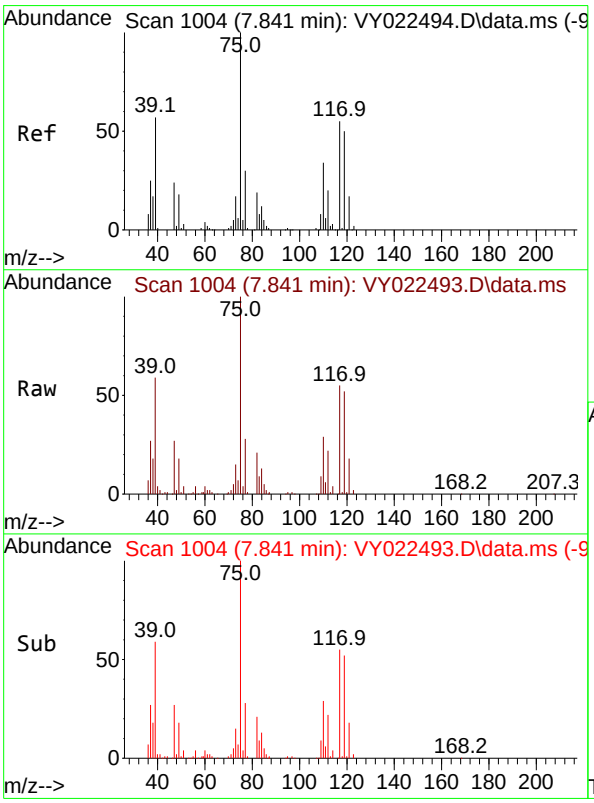
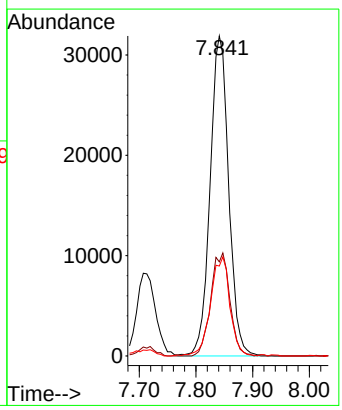
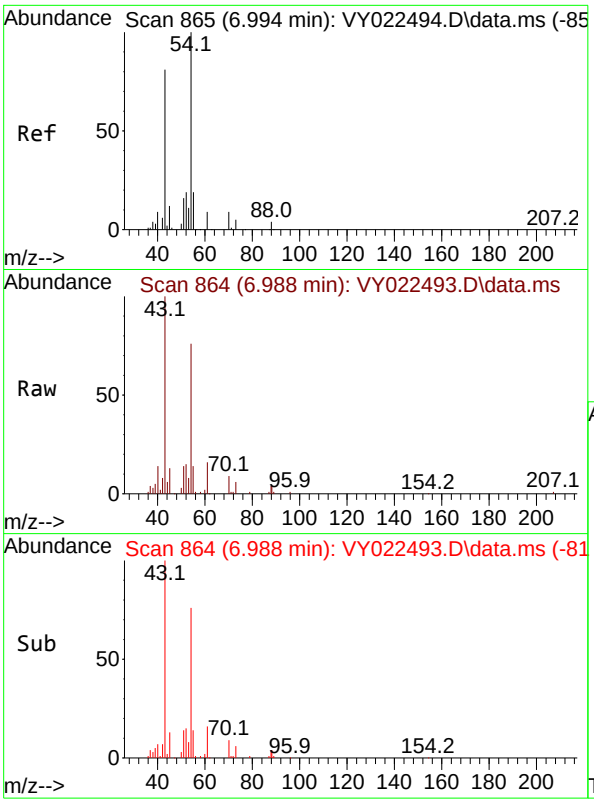


#36
1,1-Dichloropropene
Concen: 20.670 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 72658

Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.7
77	32.2	24.8	37.2





#37
Ethyl Acetate
Concen: 22.110 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 3420

Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.5	17.3
70	8.9	7.2	10.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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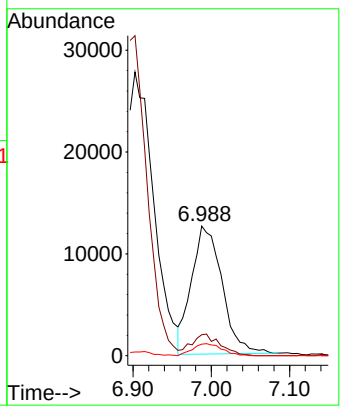
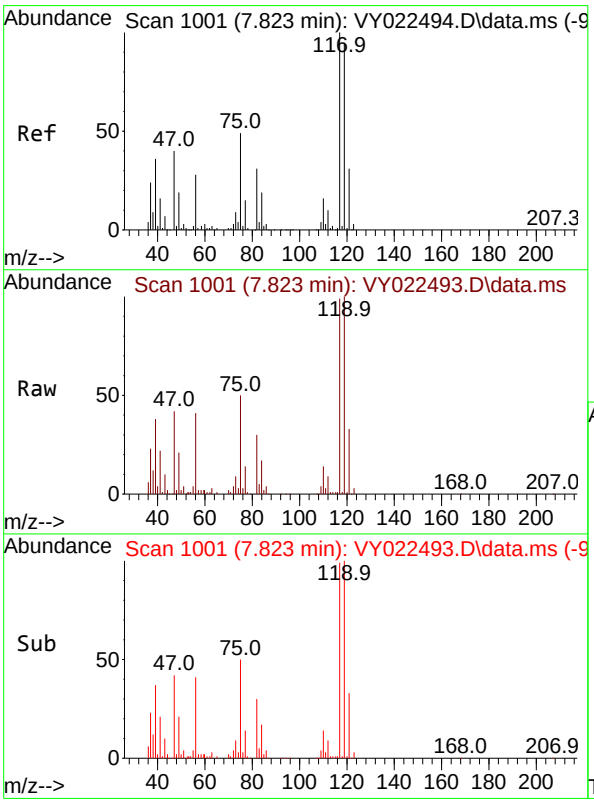
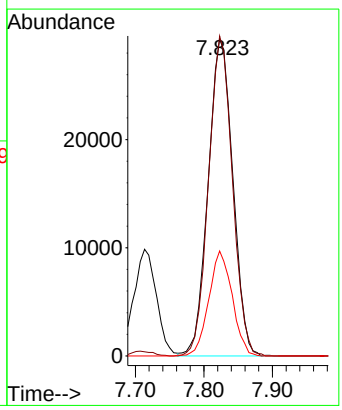


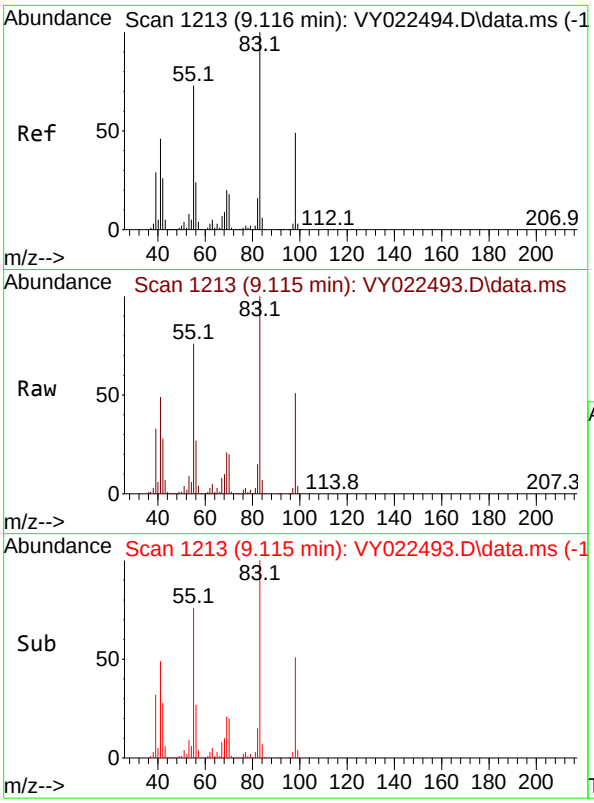


#38
Carbon Tetrachloride
Concen: 20.247 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:117 Resp: 73370

Ion	Ratio	Lower	Upper
117	100		
119	101.1	75.0	112.6
121	33.2	25.0	37.4

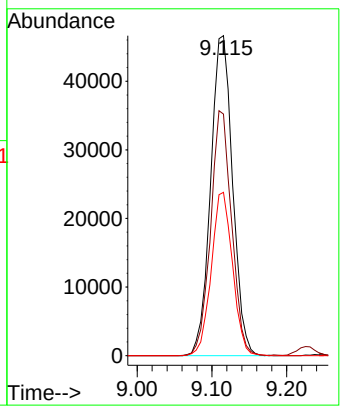




#39
Methylcyclohexane
Concen: 20.065 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 83 Resp: 9528

Ion	Ratio	Lower	Upper
83	100		
55	75.5	58.1	87.1
98	51.1	39.0	58.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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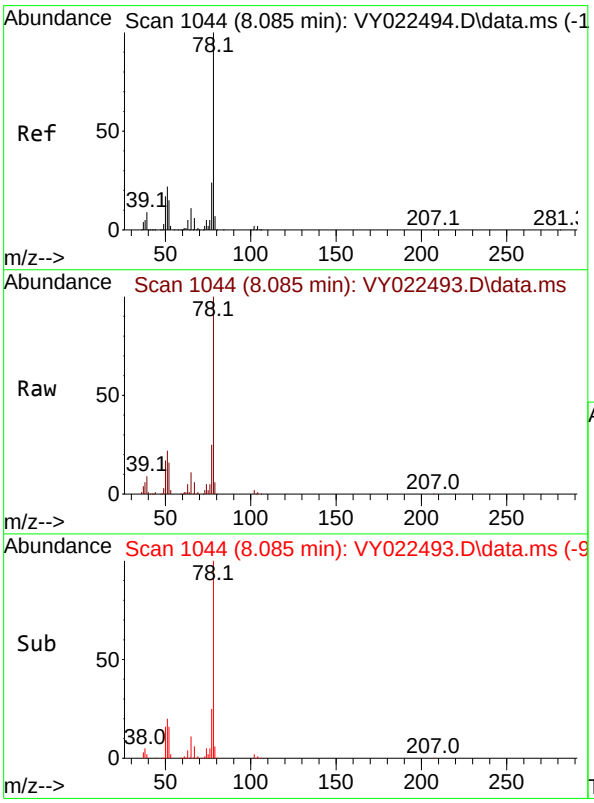
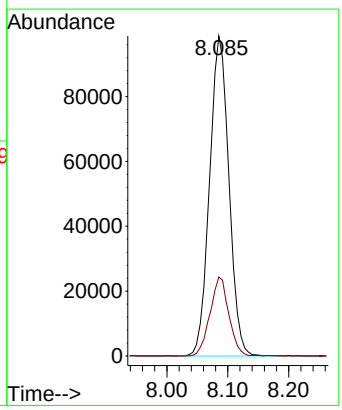
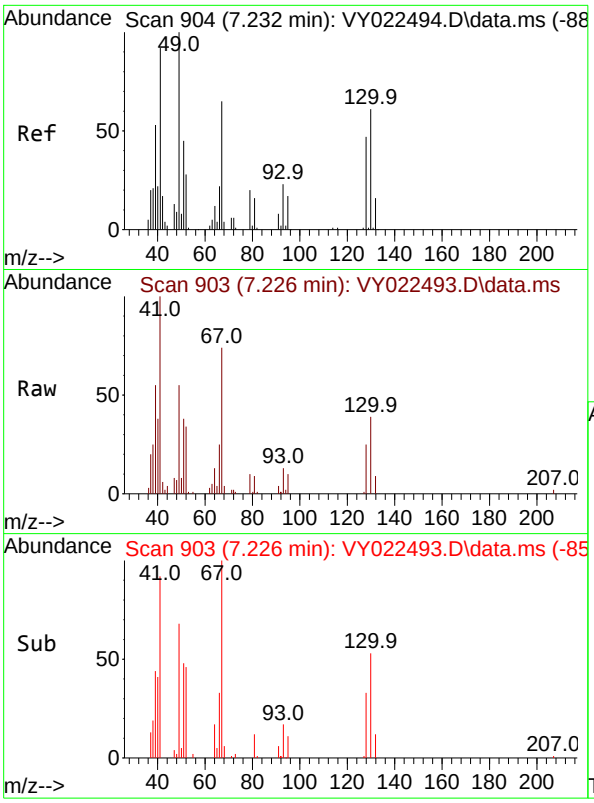


#40
Benzene
Concen: 21.000 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 78 Resp: 217595

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9

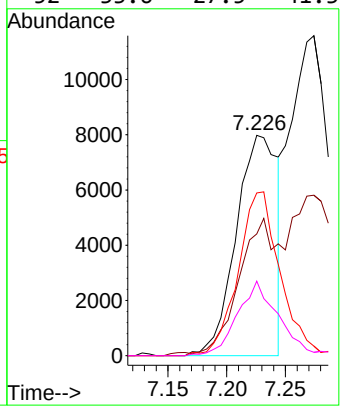




#41
Methacrylonitrile
Concen: 19.542 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 41 Resp: 1947

Ion	Ratio	Lower	Upper
41	100		
39	64.4	46.6	69.8
67	76.2	63.3	94.9
52	33.6	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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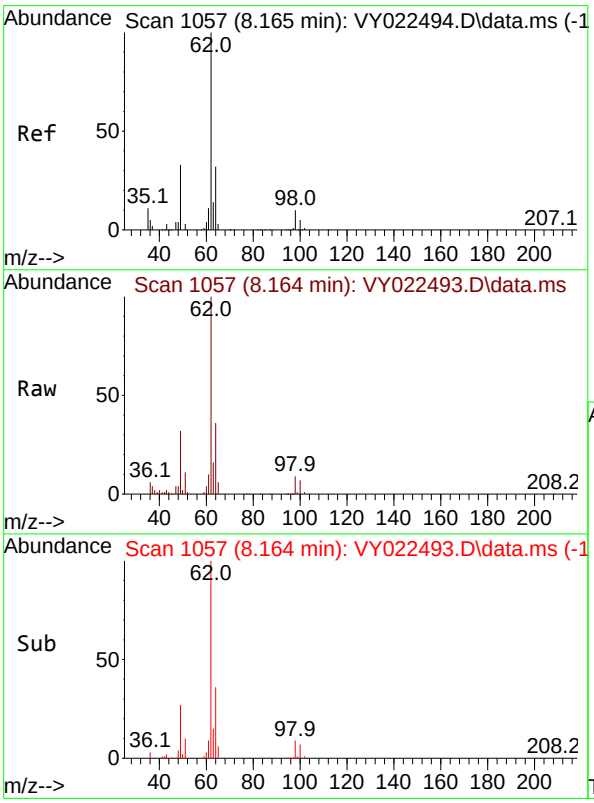
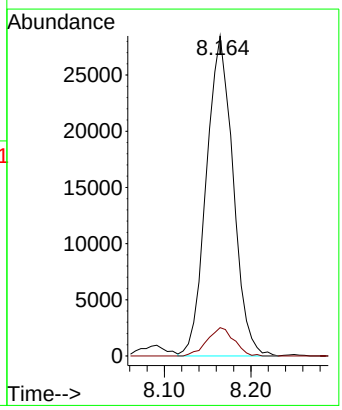
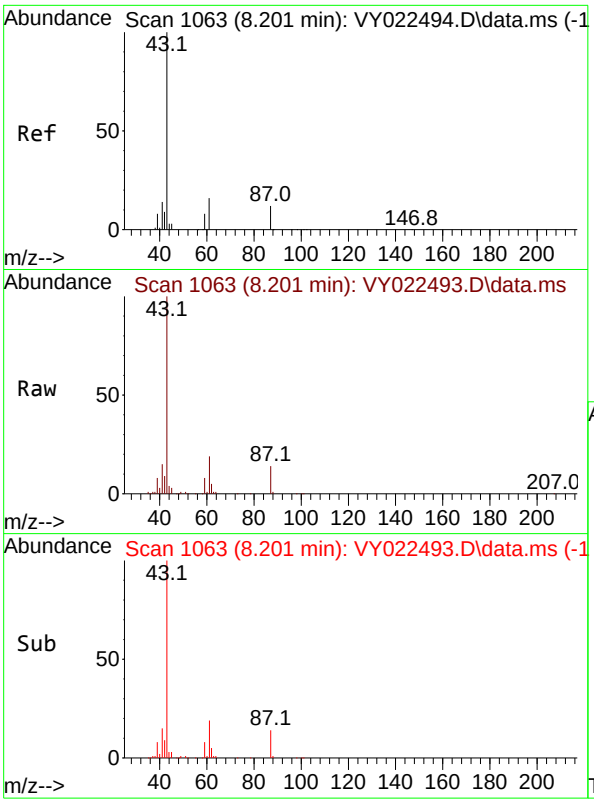


#42
1,2-Dichloroethane
Concen: 21.676 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 62 Resp: 61097

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2

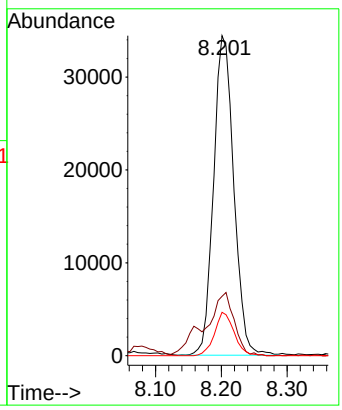




#43
Isopropyl Acetate
Concen: 21.814 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 7374

Ion	Ratio	Lower	Upper
43	100		
61	21.6	15.6	23.4
87	13.1	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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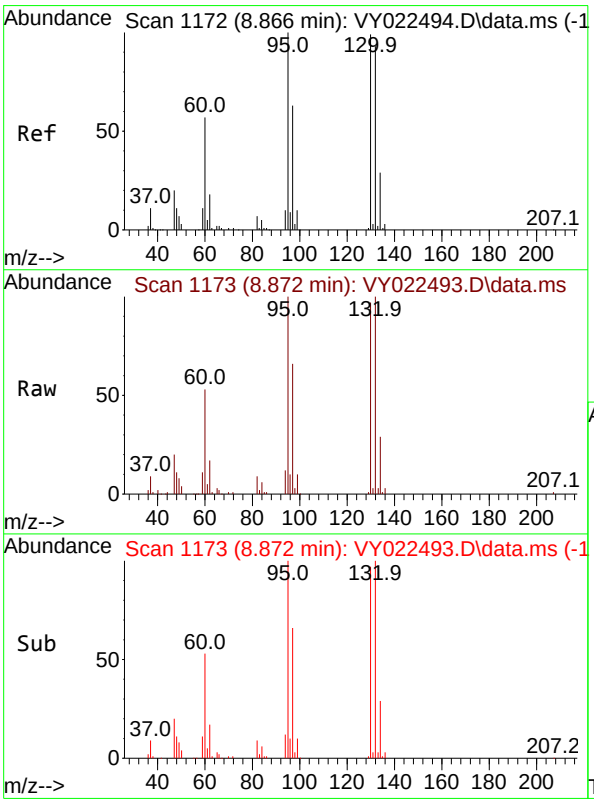
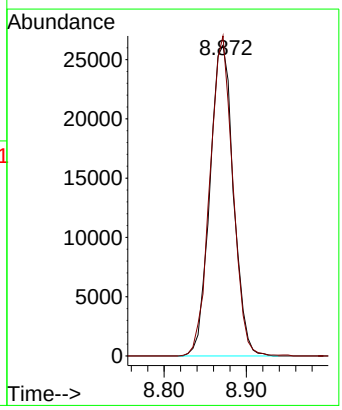
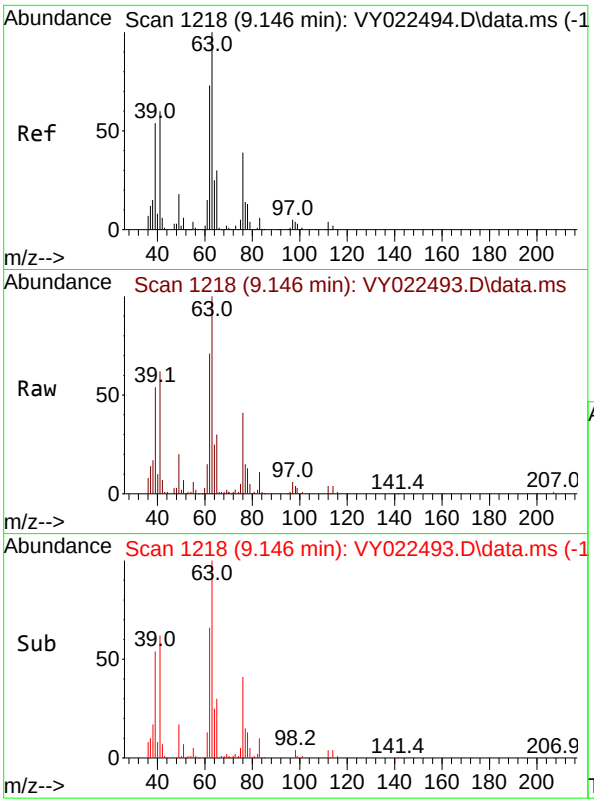


#44
Trichloroethene
Concen: 20.613 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:130 Resp: 52175

Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	203.0

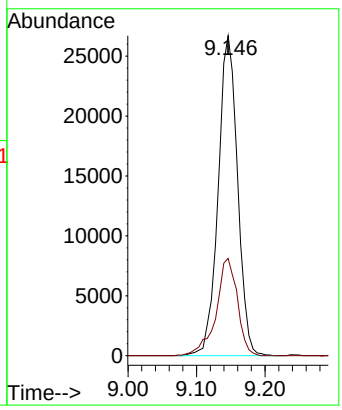




#45
1,2-Dichloropropane
Concen: 21.204 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 63 Resp: 5237

Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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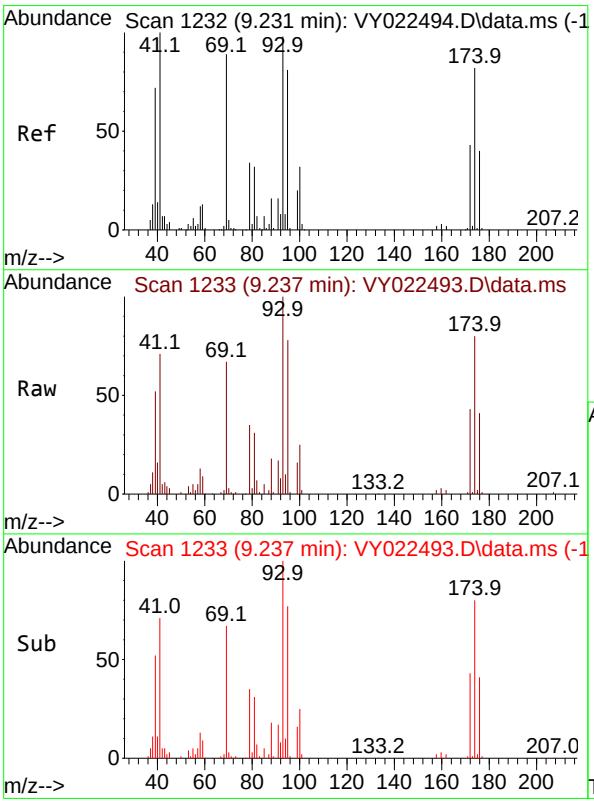
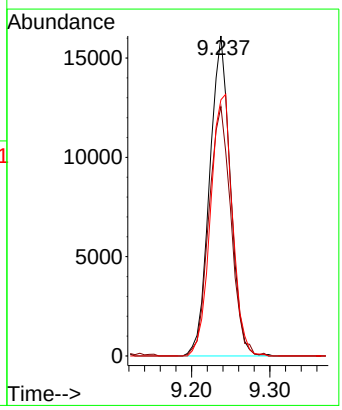
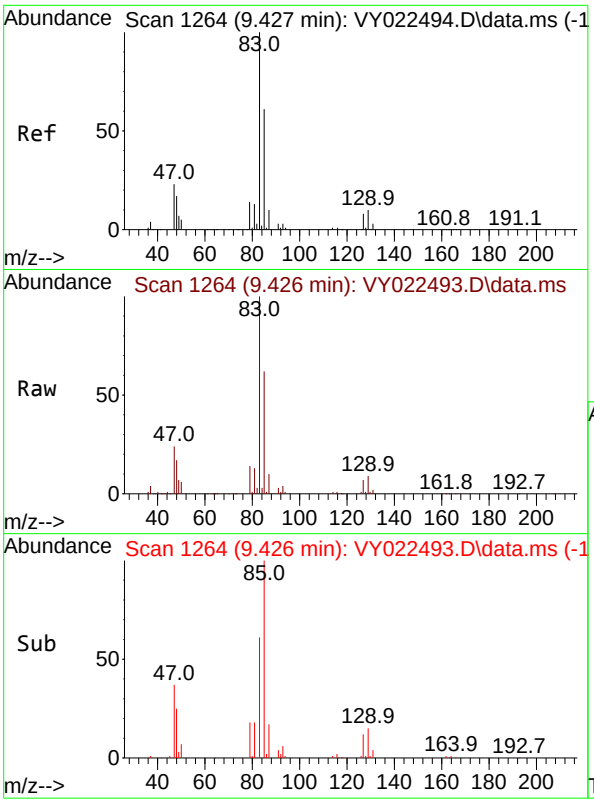


#46
Dibromomethane
Concen: 21.491 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 93 Resp: 29741

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.6	98.4
174	86.2	70.4	105.6

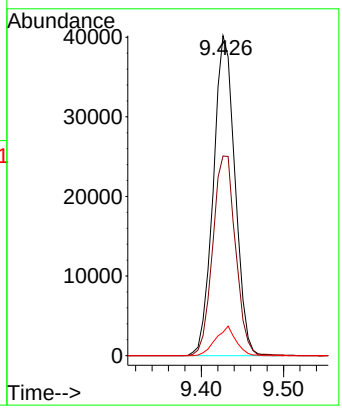




#47
Bromodichloromethane
Concen: 20.995 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 83 Resp: 7371

Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.1	73.7
127	7.3	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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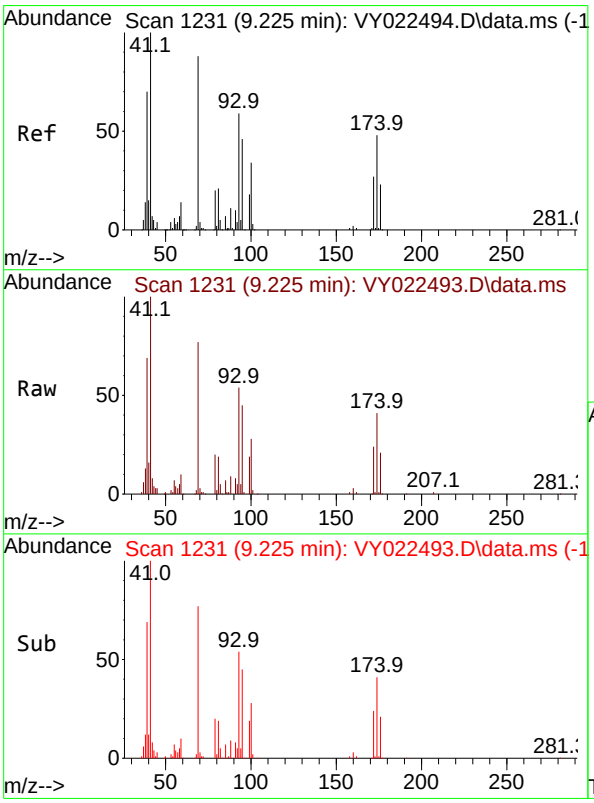
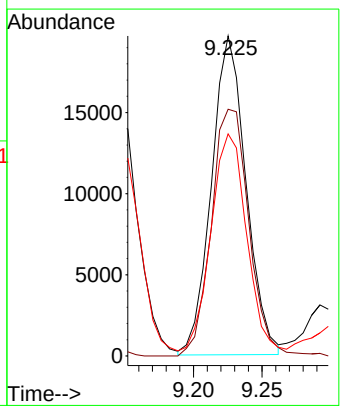
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

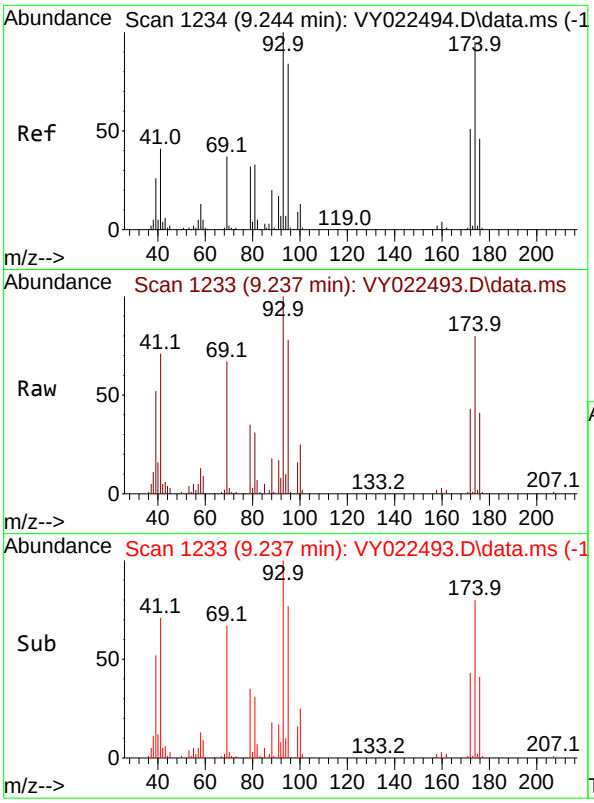


#48
Methyl methacrylate
Concen: 22.294 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 41 Resp: 34508

Ion	Ratio	Lower	Upper
41	100		
69	84.1	67.8	101.8
39	69.9	55.0	82.4

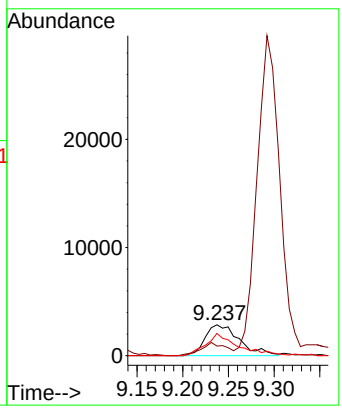




#49
1,4-Dioxane
Concen: 450.895 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 88 Resp: 744

Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.4	38.2
58	67.3	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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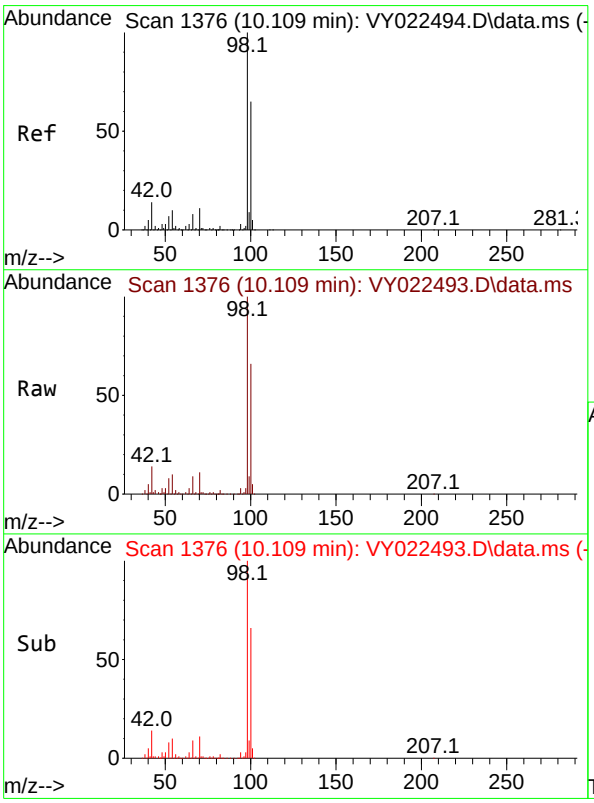
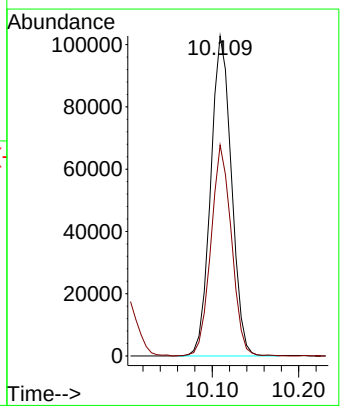
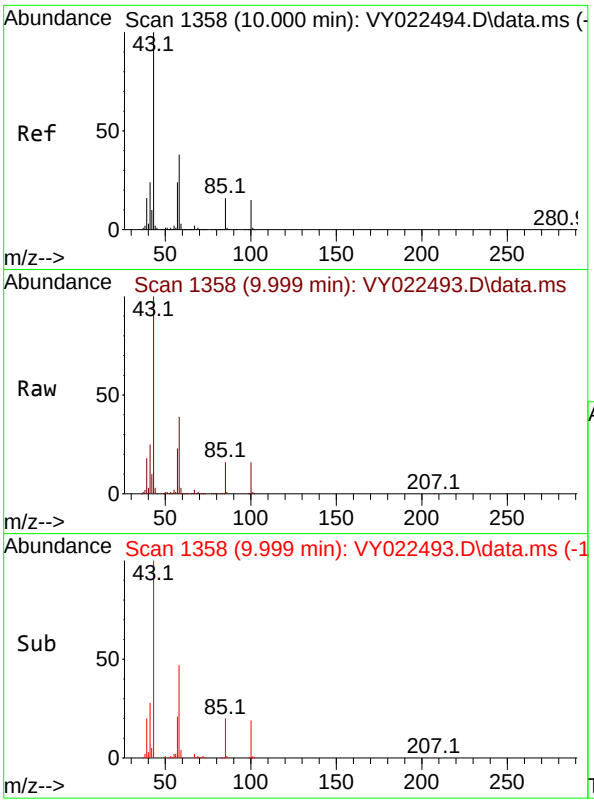


#50
Toluene-d8
Concen: 19.474 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 98 Resp: 171165

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.0

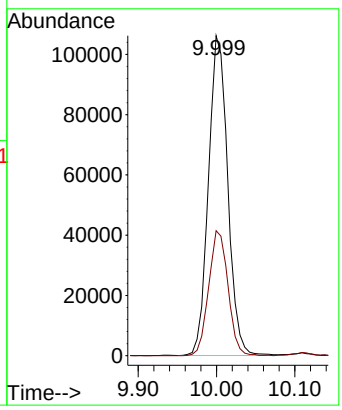




#51
4-Methyl-2-Pentanone
Concen: 108.147 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 18146

Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.4	45.6



Instrument :
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ClientSampleId :
VSTDICC020

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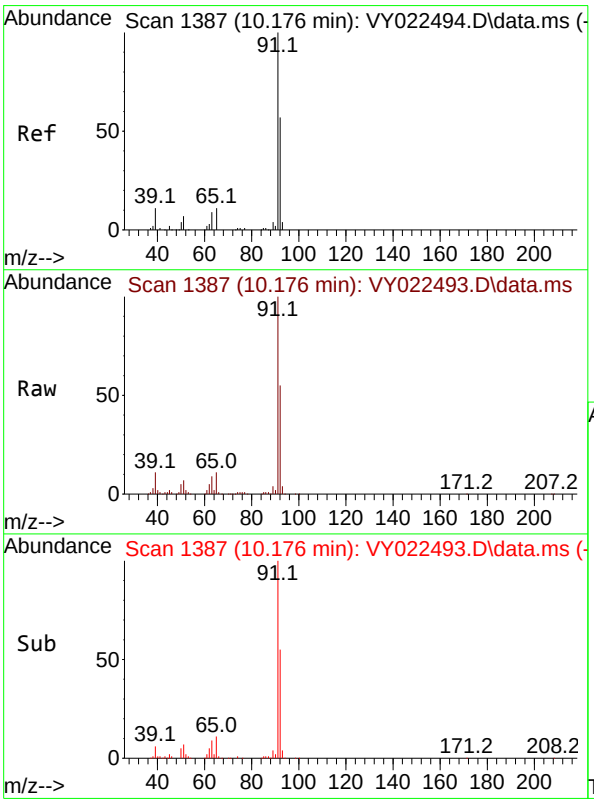
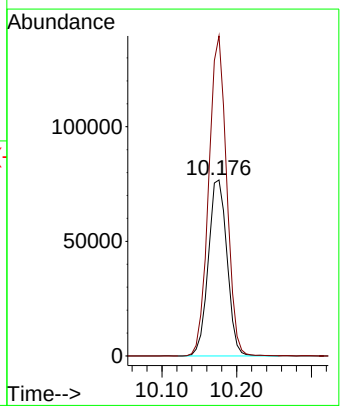
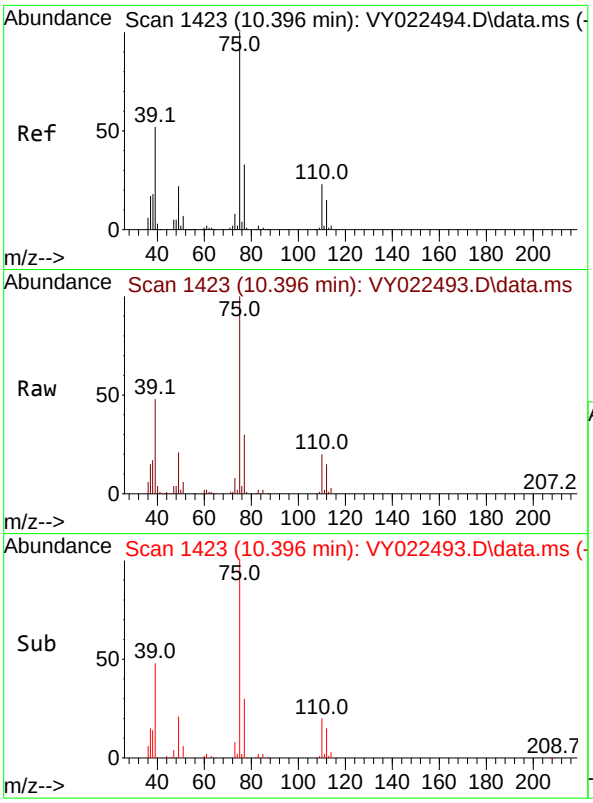


#52
Toluene
Concen: 20.508 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 92 Resp: 133601

Ion	Ratio	Lower	Upper
92	100		
91	174.3	139.0	208.4

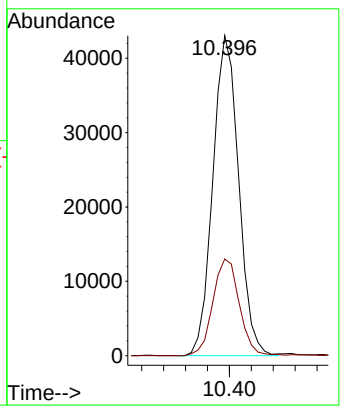




#53
t-1,3-Dichloropropene
Concen: 21.660 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 7035

Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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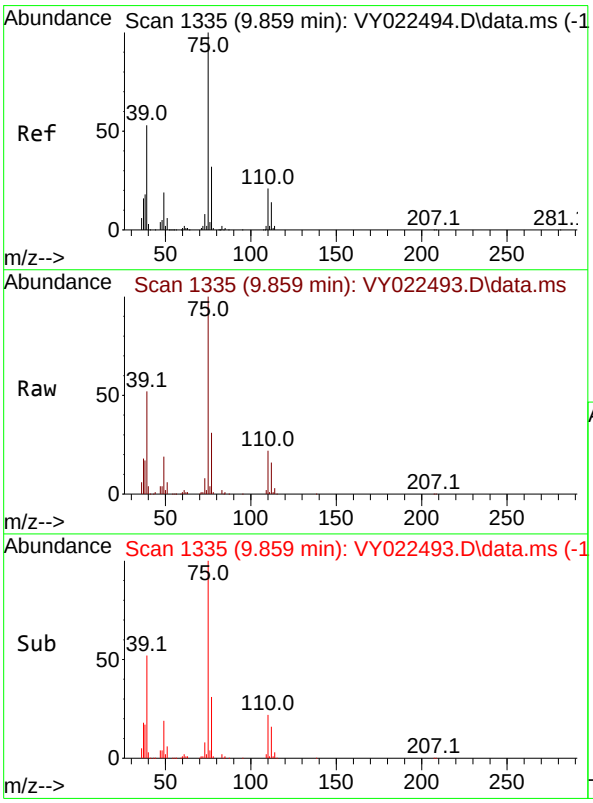
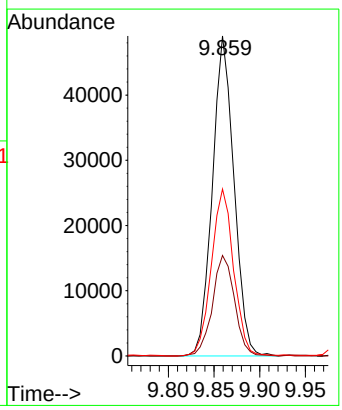
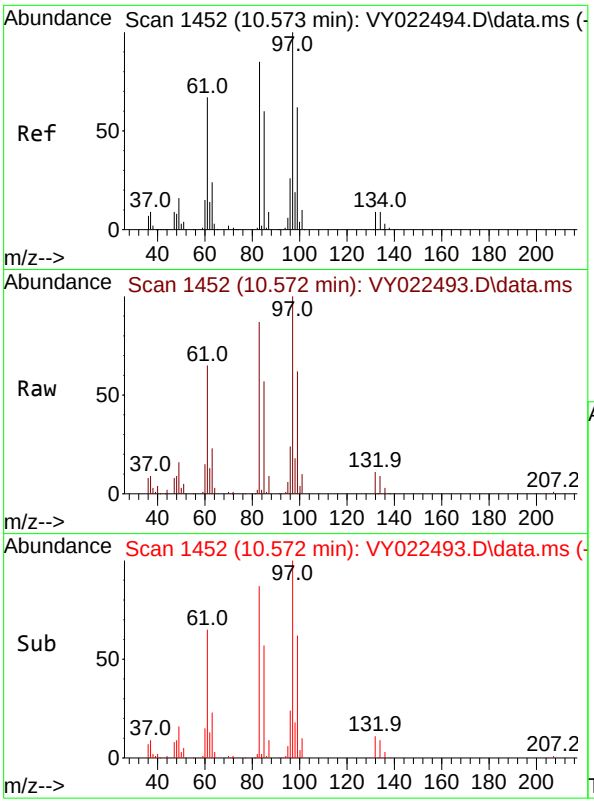


#54
cis-1,3-Dichloropropene
Concen: 21.141 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 80524

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9
39	52.1	42.7	64.1

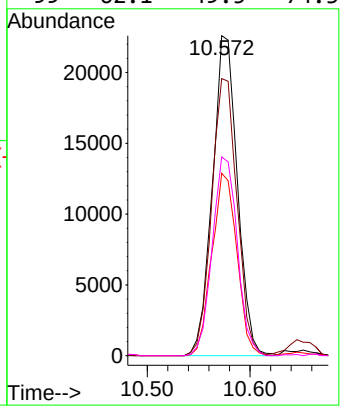




#55
1,1,2-Trichloroethane
Concen: 21.849 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 97 Resp: 3807

Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.1	102.1
85	57.0	48.2	72.2
99	62.1	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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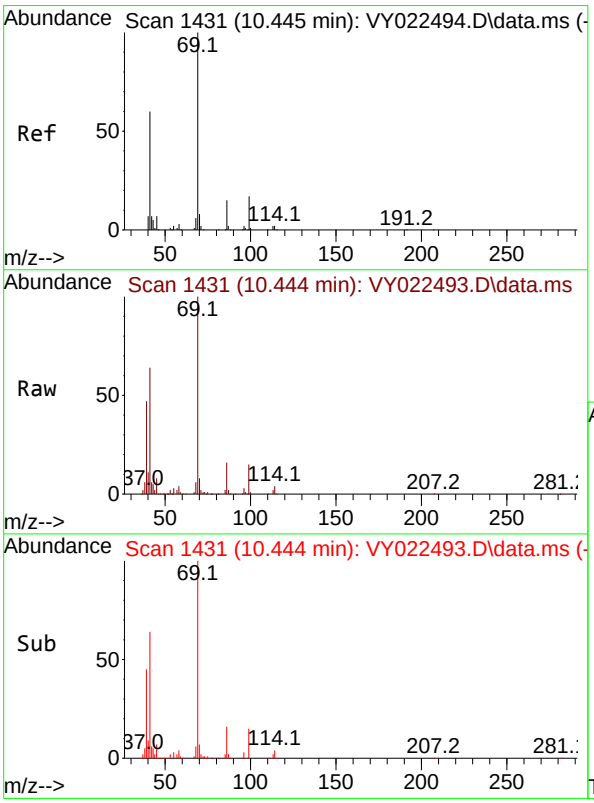
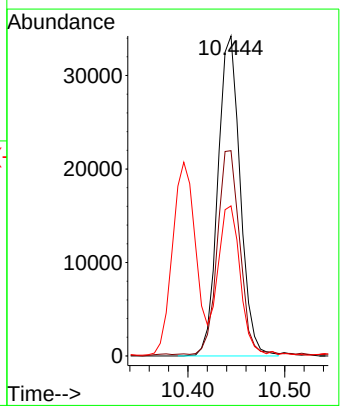
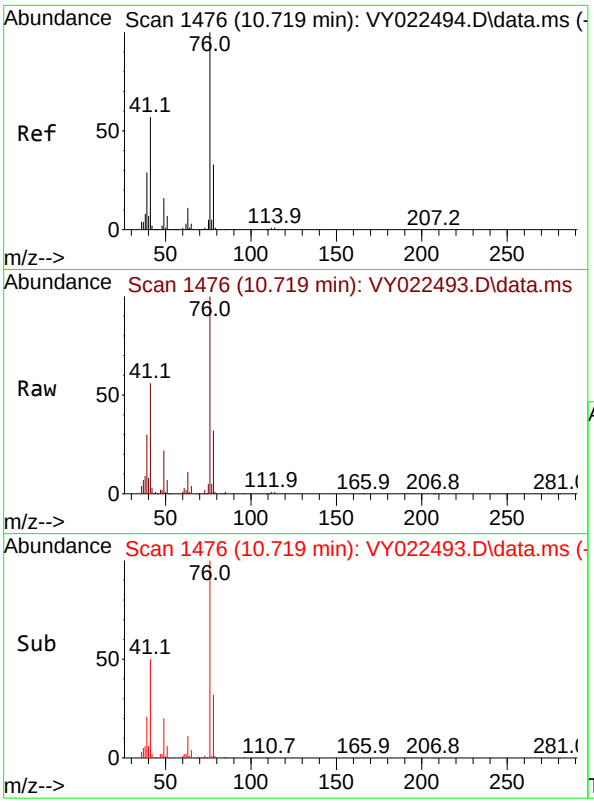


#56
Ethyl methacrylate
Concen: 21.626 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 69 Resp: 54734

Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.2	78.2
39	46.8	36.7	55.1

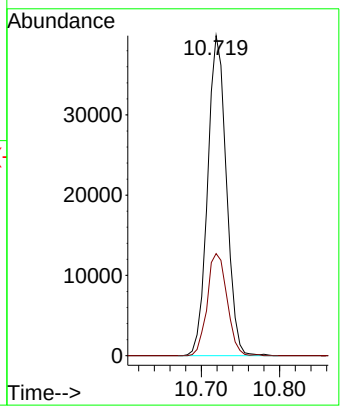




#57
1,3-Dichloropropane
Concen: 21.317 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 76 Resp: 6616

Ion	Ratio	Lower	Upper
76	100		
78	33.8	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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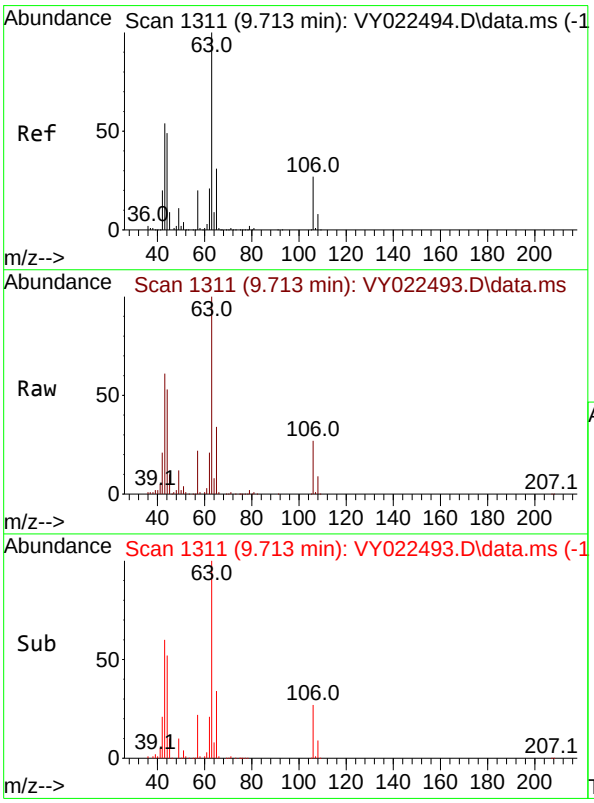
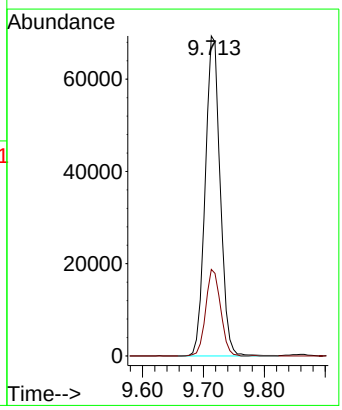
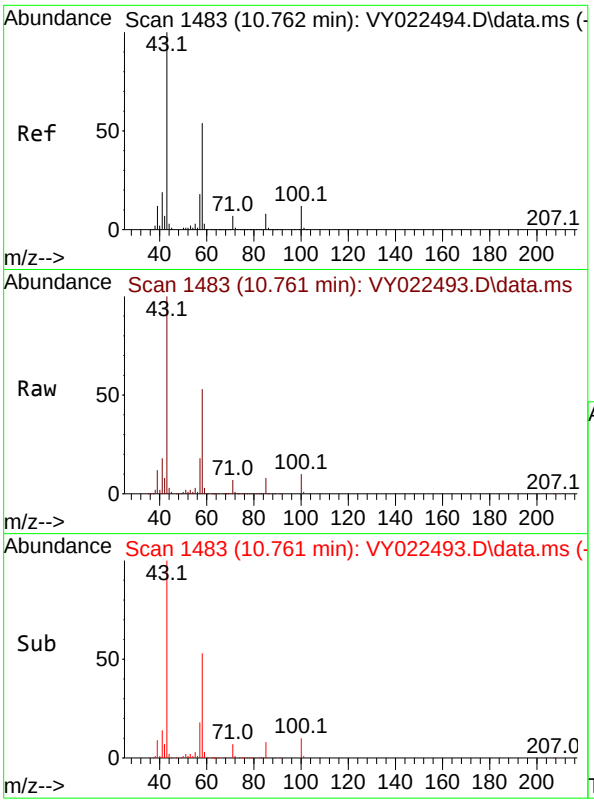


#58
2-Chloroethyl Vinyl ether
Concen: 104.797 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 63 Resp: 118244

Ion	Ratio	Lower	Upper
63	100		
106	26.8	21.6	32.4

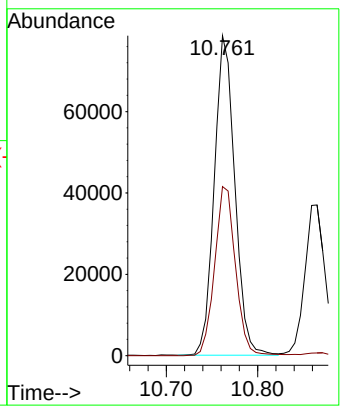




#59
2-Hexanone
Concen: 109.805 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 12281

Ion	Ratio	Lower	Upper
43	100		
58	53.8	27.3	81.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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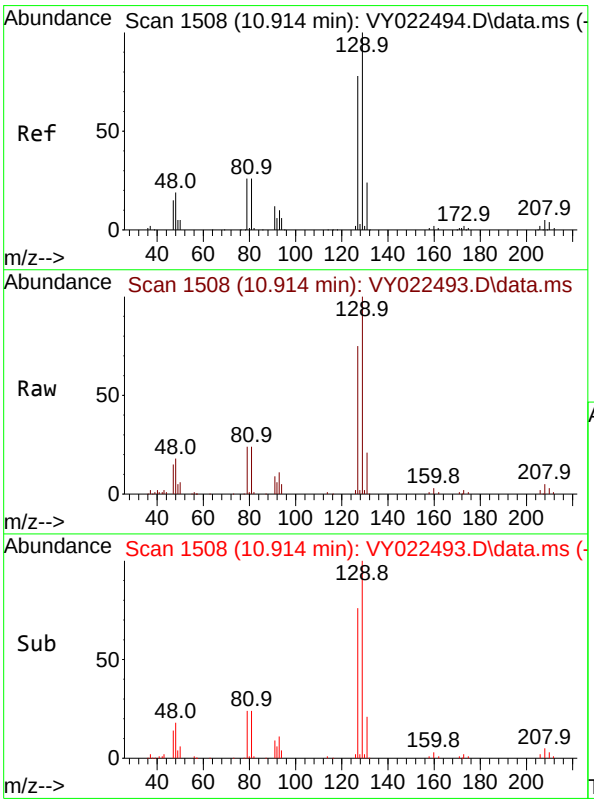
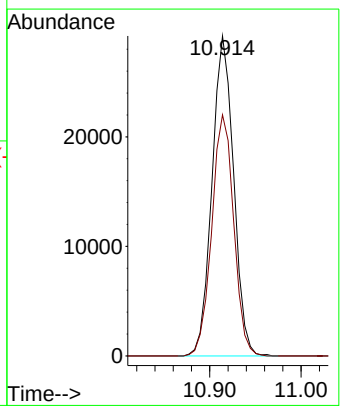
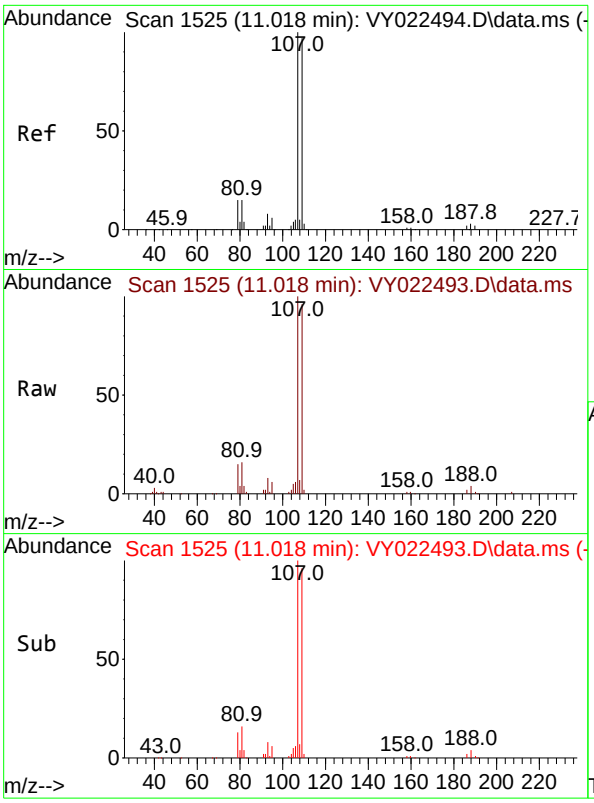


#60
Dibromochloromethane
Concen: 21.715 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:129 Resp: 47952

Ion	Ratio	Lower	Upper
129	100		
127	76.5	39.1	117.2

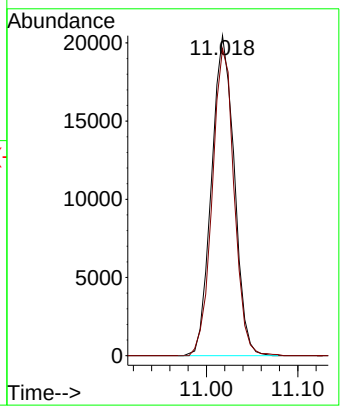




#61
1,2-Dibromoethane
Concen: 21.965 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:107 Resp: 3532

Ion	Ratio	Lower	Upper
107	100		
109	92.4	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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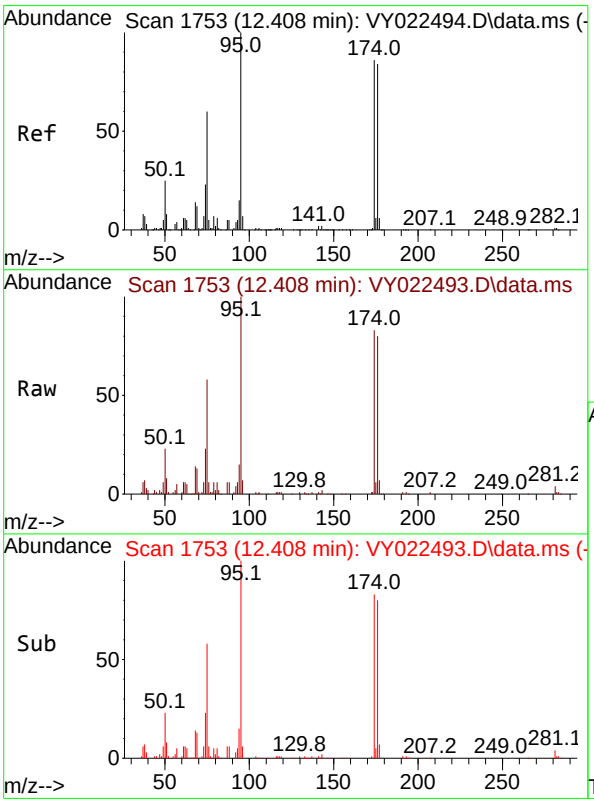
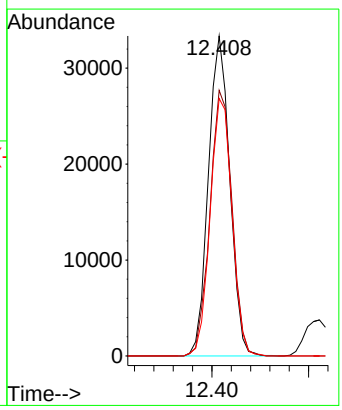
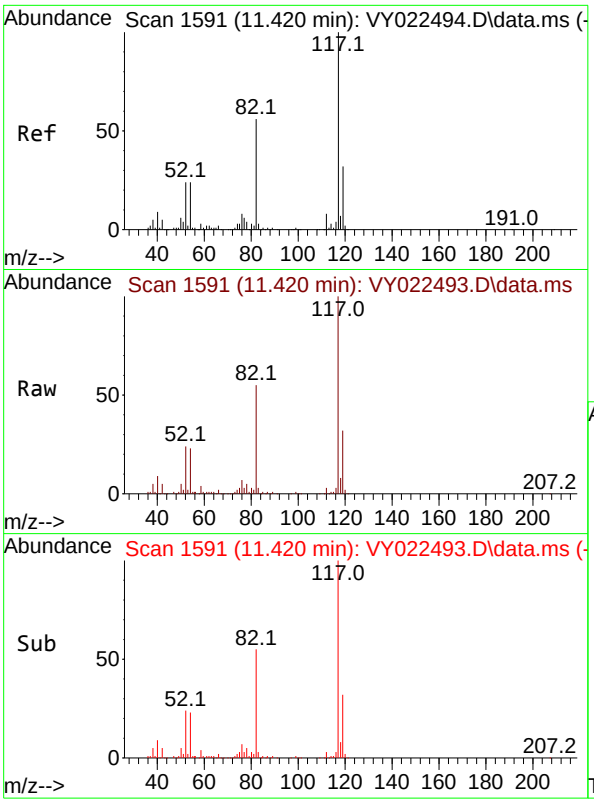


#62
4-Bromofluorobenzene
Concen: 19.225 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 95 Resp: 51231

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	170.0
176	82.3	0.0	166.2

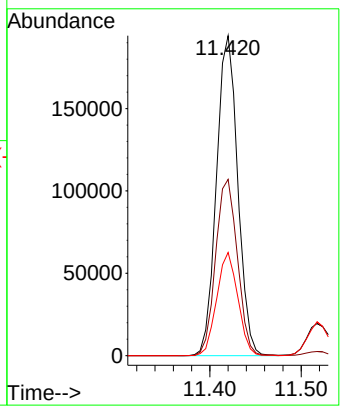




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:117 Resp: 31427

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	66.8
119	32.2	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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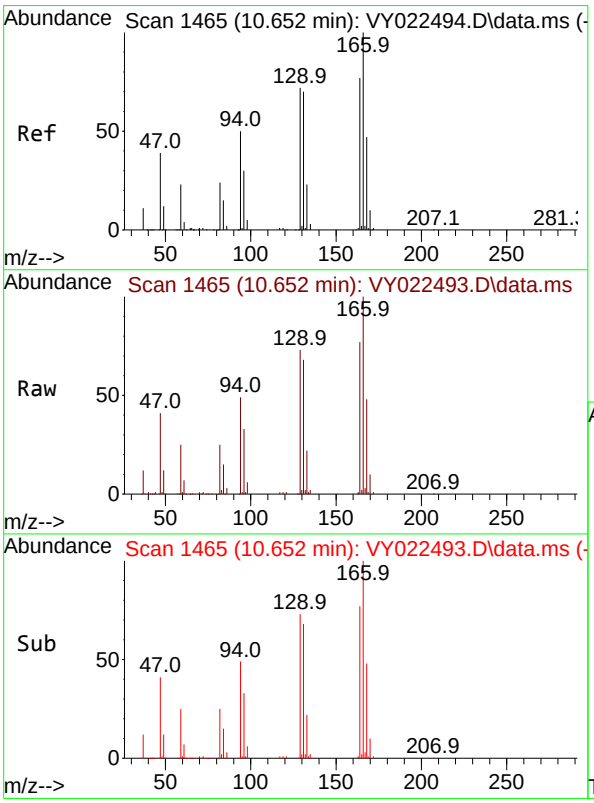
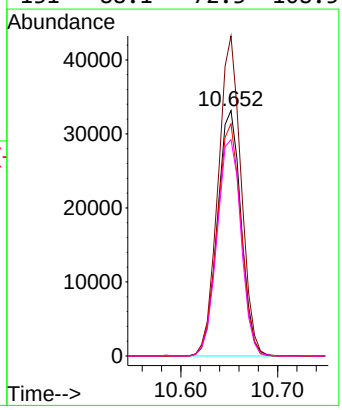
Supervised By :Mahesh Dadoda 06/03/2025

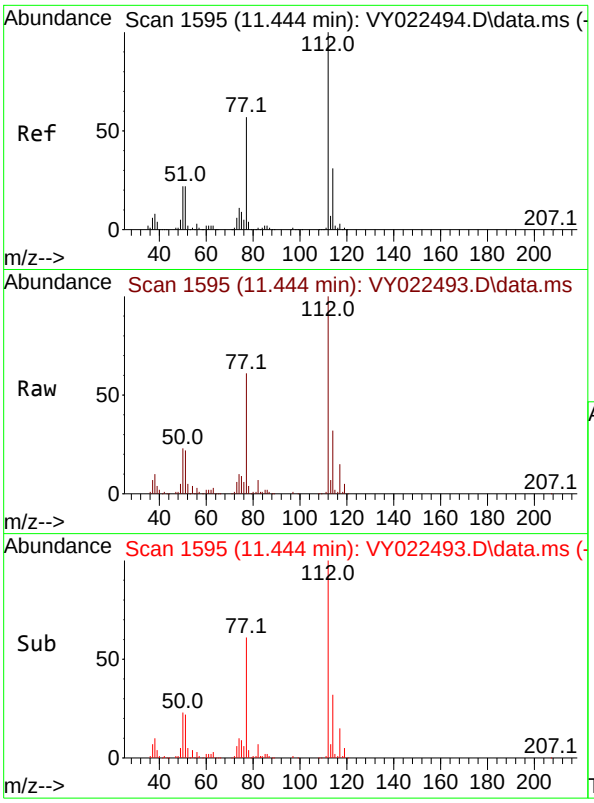


#64
Tetrachloroethene
Concen: 21.063 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:164 Resp: 56256

Ion	Ratio	Lower	Upper
164	100		
166	130.3	104.0	156.0
129	94.6	74.5	111.7
131	88.1	72.3	108.5

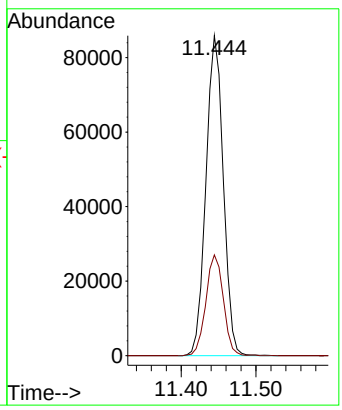




#65
Chlorobenzene
Concen: 20.336 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:112 Resp: 13858

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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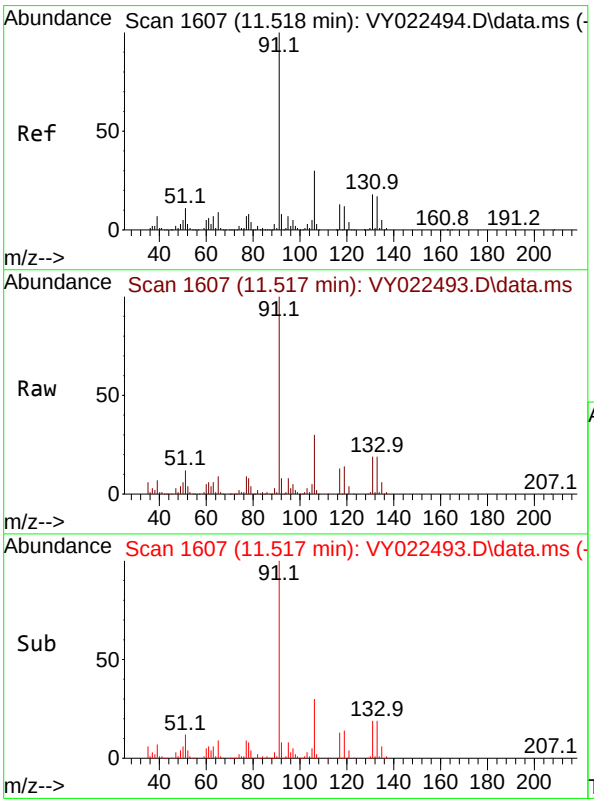
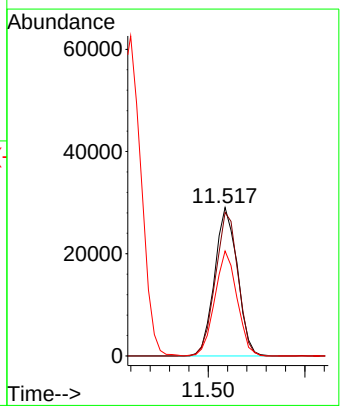
Supervised By :Mahesh Dadoda 06/03/2025

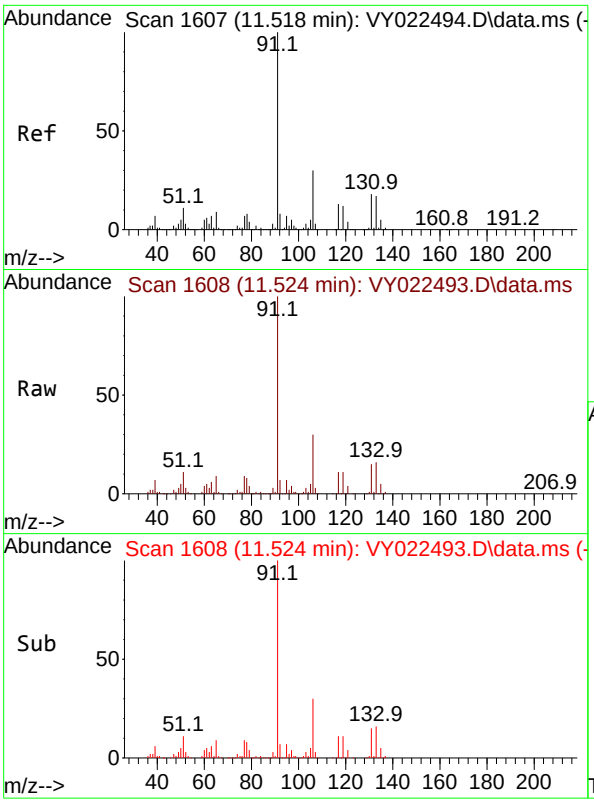


#66
1,1,1,2-Tetrachloroethane
Concen: 20.600 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:131 Resp: 47587

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	141.8
119	68.9	33.1	99.3

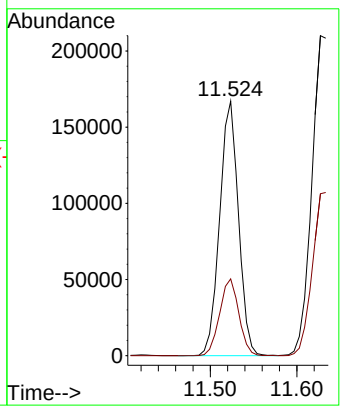




#67
Ethyl Benzene
Concen: 19.871 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 25218

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.4



Instrument :
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ClientSampleId :
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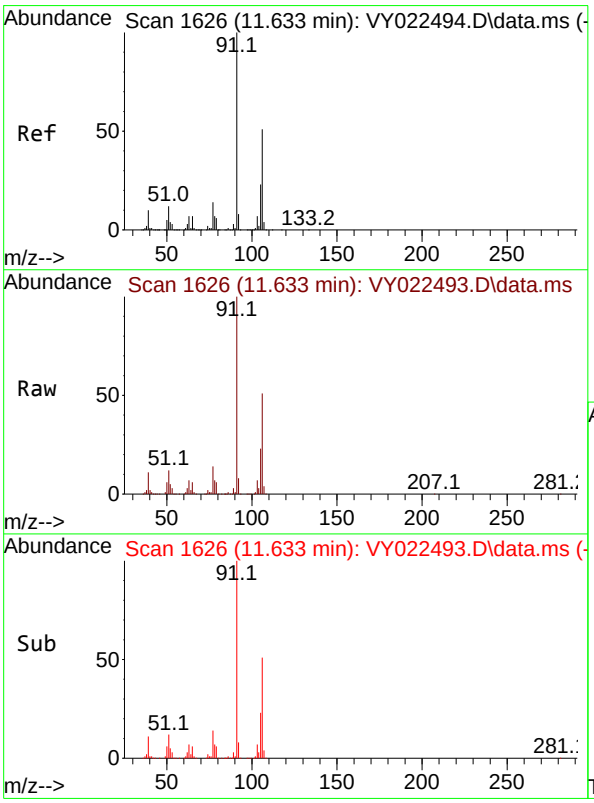
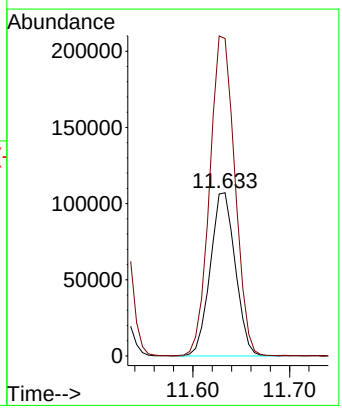
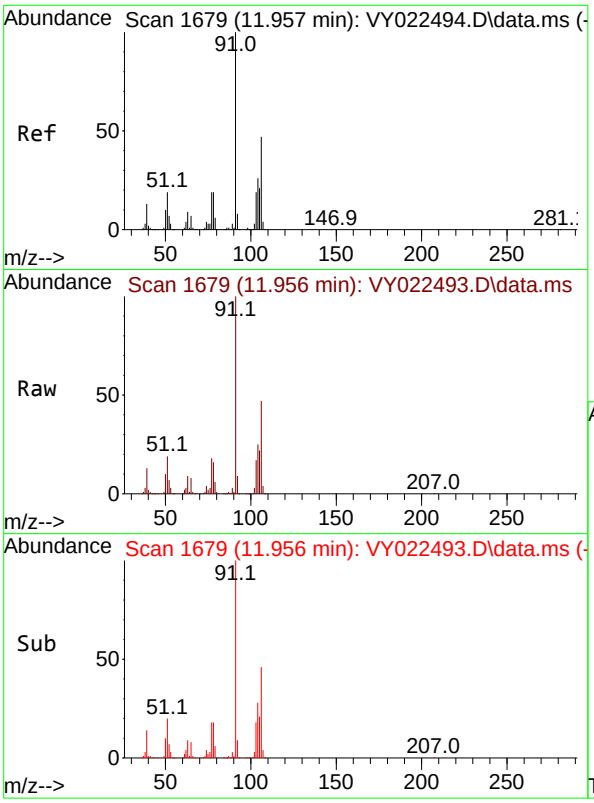


#68
m/p-Xylenes
Concen: 40.053 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:106 Resp: 192372

Ion	Ratio	Lower	Upper
106	100		
91	197.2	159.4	239.0





#69
o-Xylene
Concen: 20.155 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:106 Resp: 9059

Ion	Ratio	Lower	Upper
106	100		
91	214.1	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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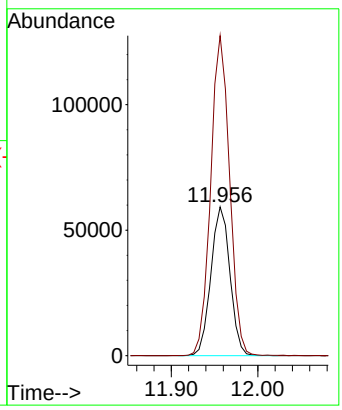
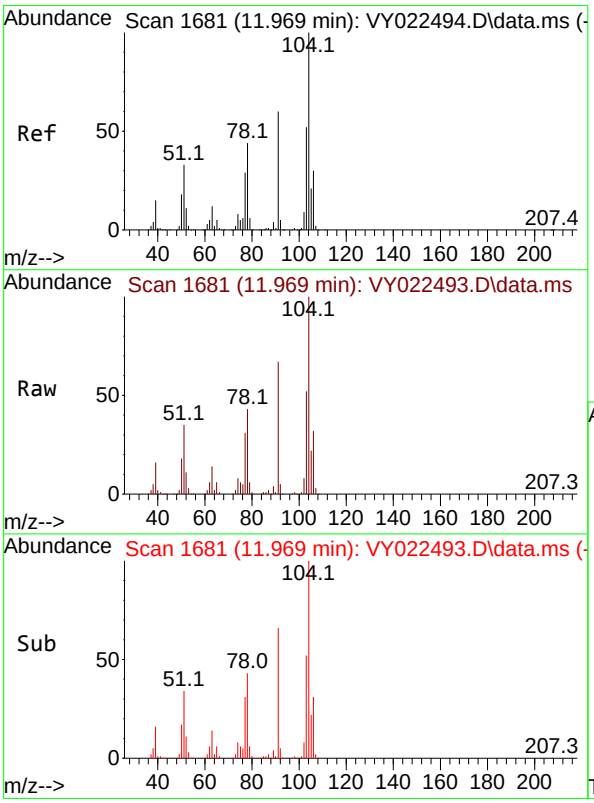
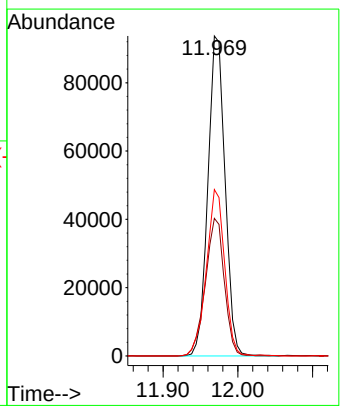


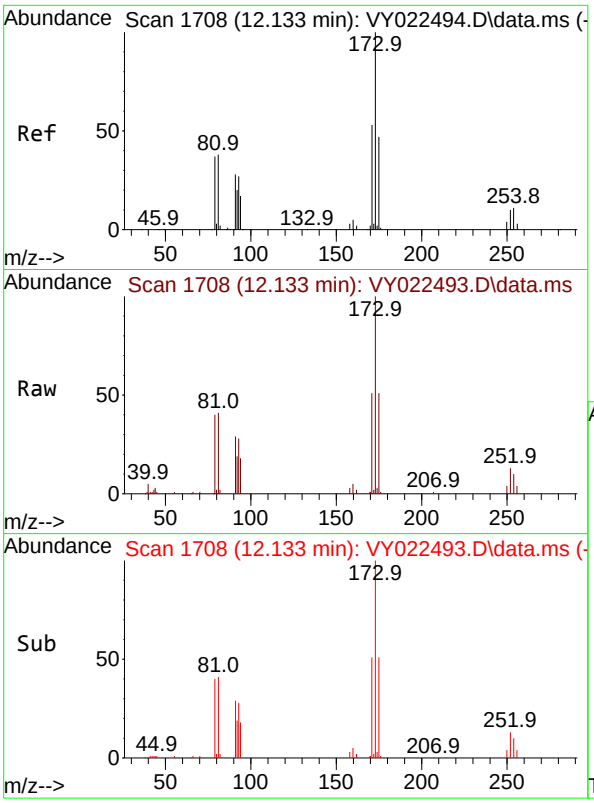


#70
Styrene
Concen: 20.086 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:104 Resp: 149486

Ion	Ratio	Lower	Upper
104	100		
78	47.5	39.5	59.3
103	55.4	44.1	66.1

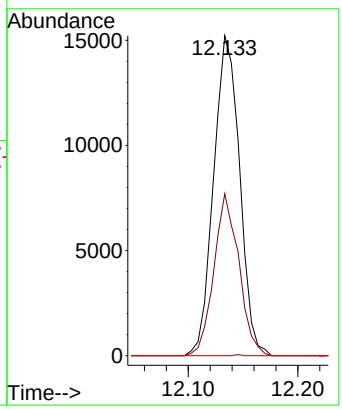




#71
Bromoform
Concen: 20.668 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:173 Resp: 2508

Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.5
254	0.1	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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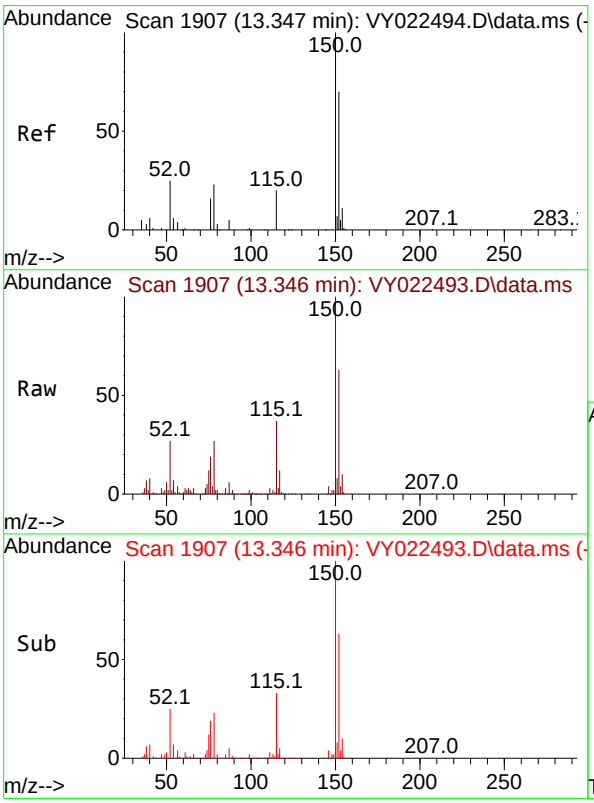
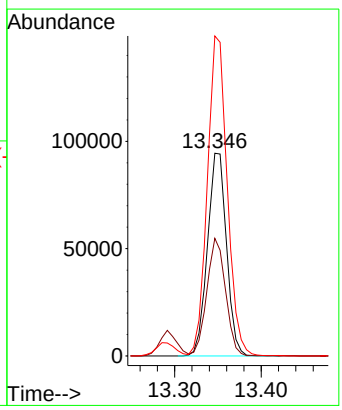
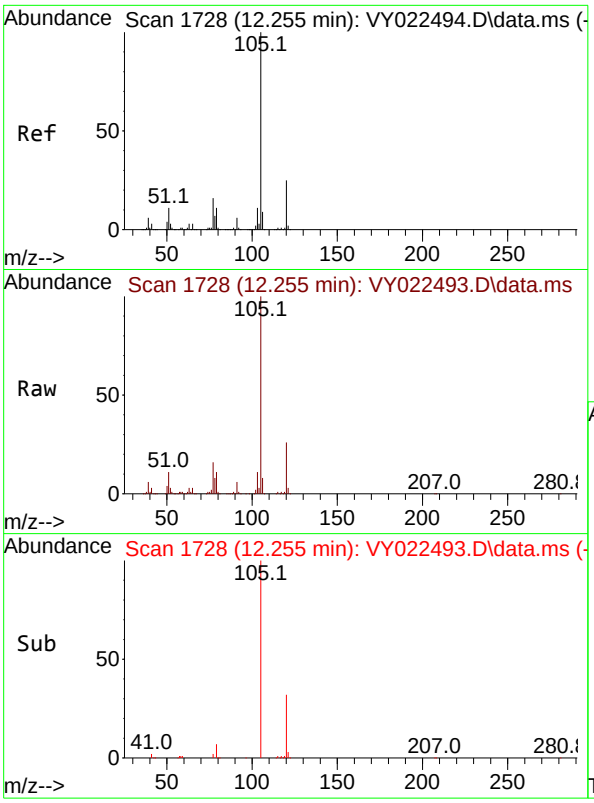


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:152 Resp: 144385

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.9	86.7
150	164.8	0.0	349.6

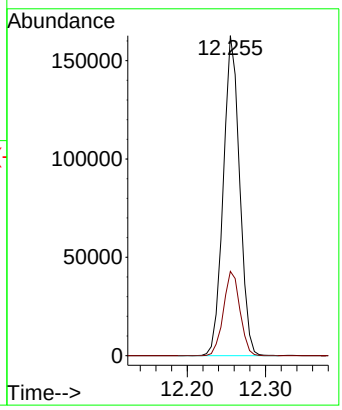




#73
Isopropylbenzene
Concen: 20.303 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:105 Resp: 23618

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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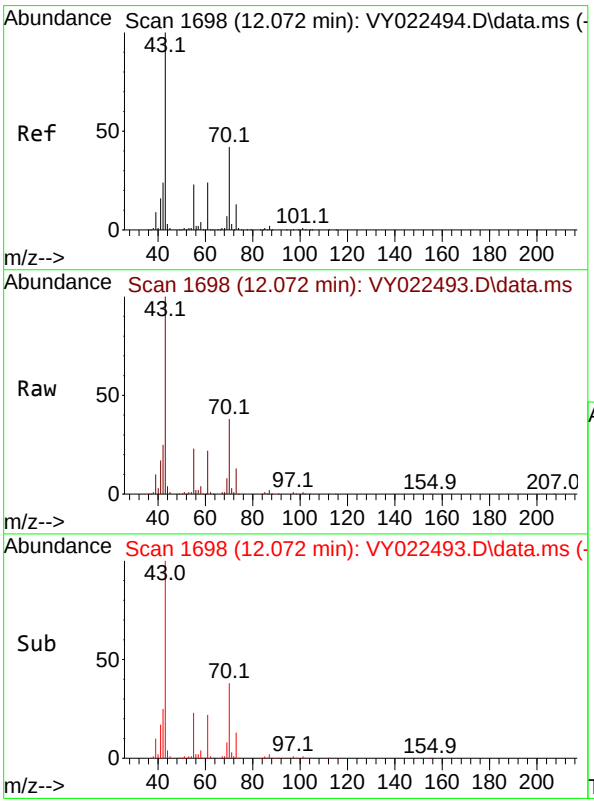
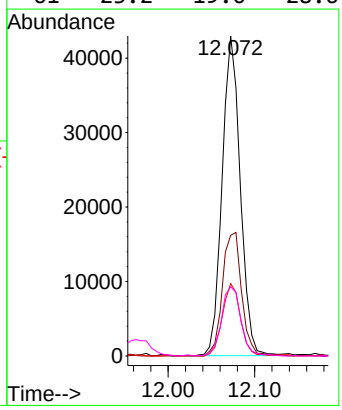
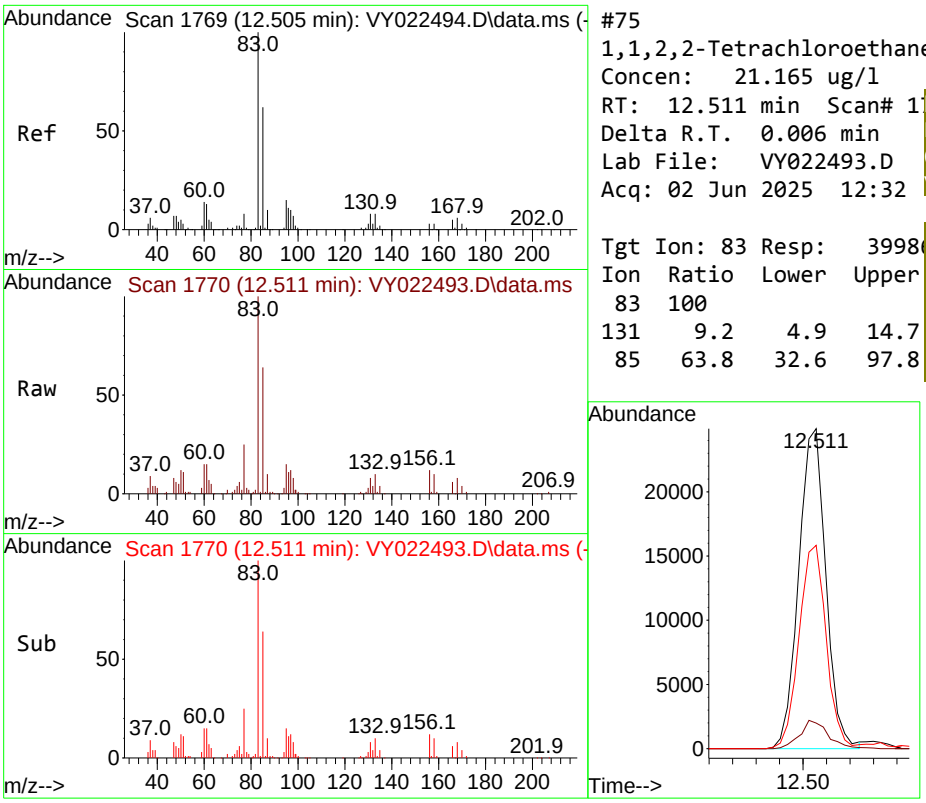


#74
N-amyl acetate
Concen: 21.224 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 62437

Ion	Ratio	Lower	Upper
43	100		
70	41.2	34.2	51.2
55	22.6	18.2	27.4
61	23.2	19.0	28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 21.165 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 83 Resp: 3998

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	63.8	32.6	97.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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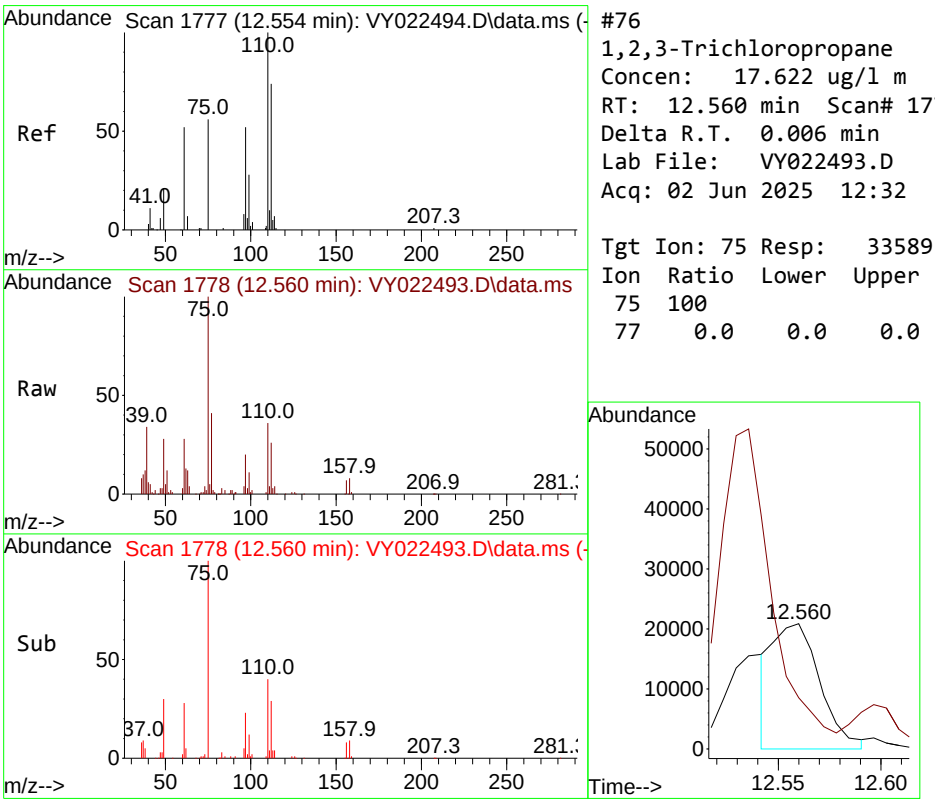
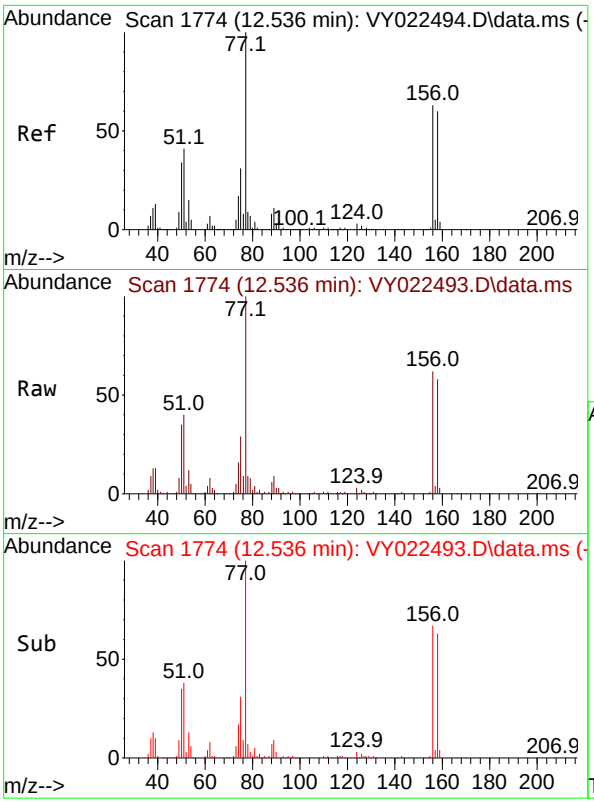


#76
1,2,3-Trichloropropane
Concen: 17.622 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 33589

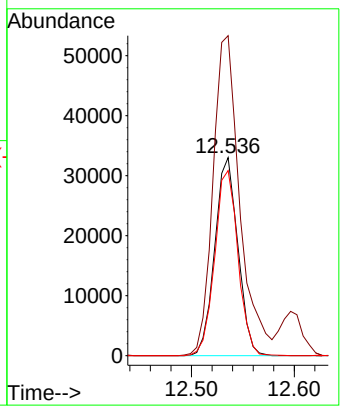
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



#77
Bromobenzene
Concen: 20.853 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:156 Resp: 5141

Ion	Ratio	Lower	Upper
156	100		
77	187.6	94.0	282.1
158	94.2	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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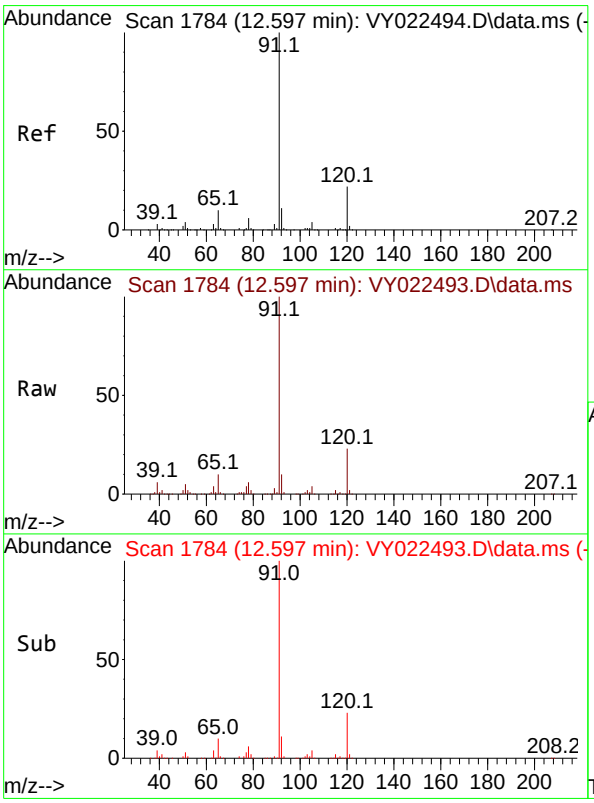
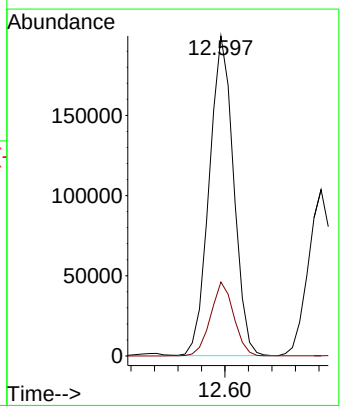
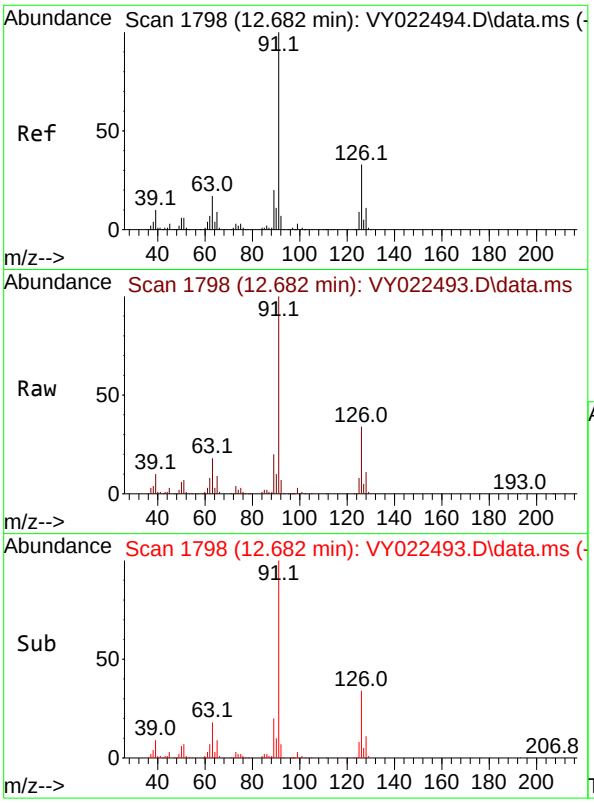


#78
n-propylbenzene
Concen: 20.239 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 286589

Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.8	32.4

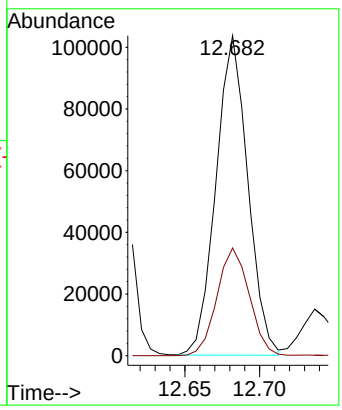




#79
2-Chlorotoluene
Concen: 20.497 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 15325

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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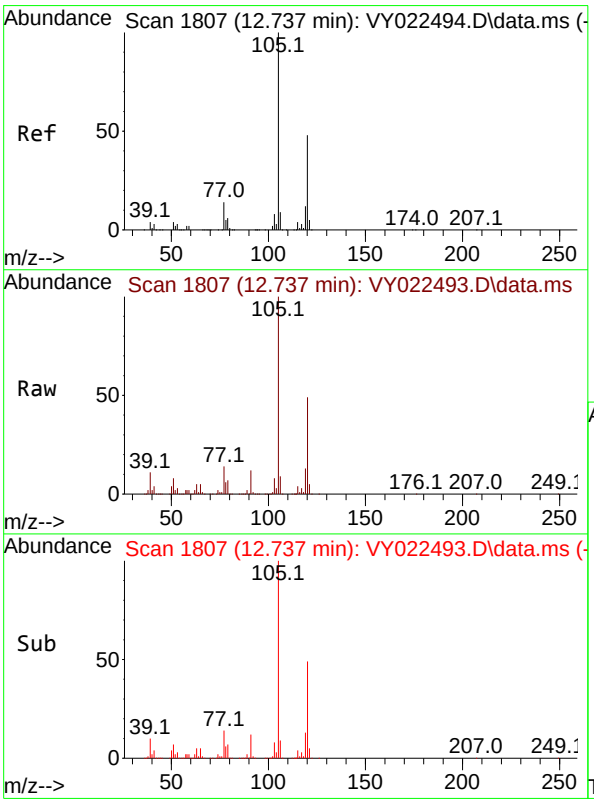
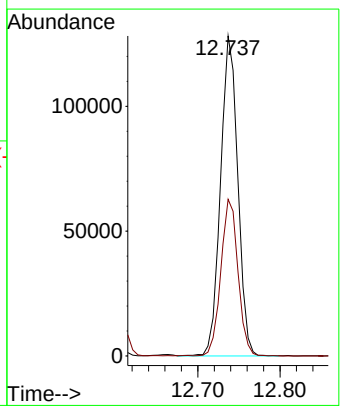
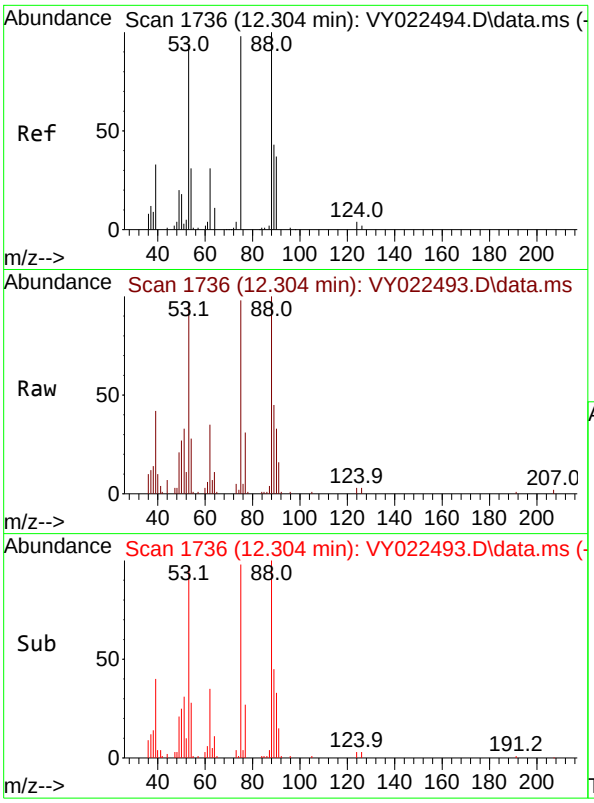


#80
1,3,5-Trimethylbenzene
Concen: 20.570 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:105 Resp: 187101

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.1	72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.904 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 1389

Ion	Ratio	Lower	Upper
75	100		
53	96.6	78.5	117.7
89	47.7	35.7	53.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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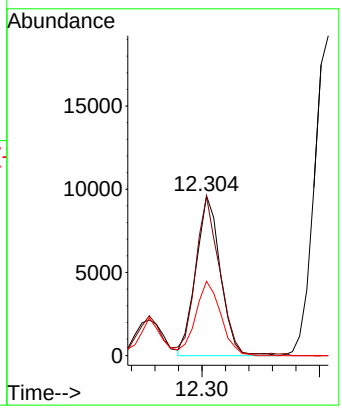
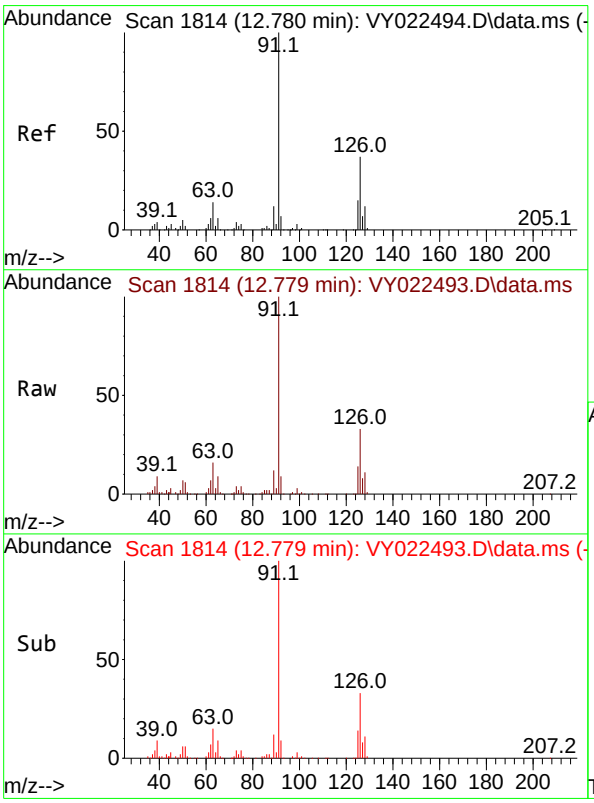
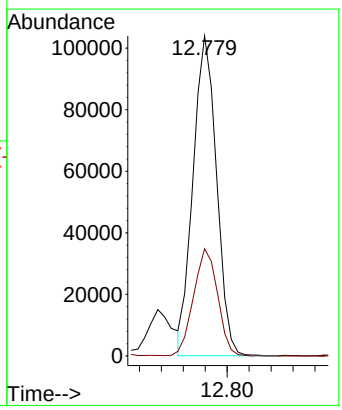


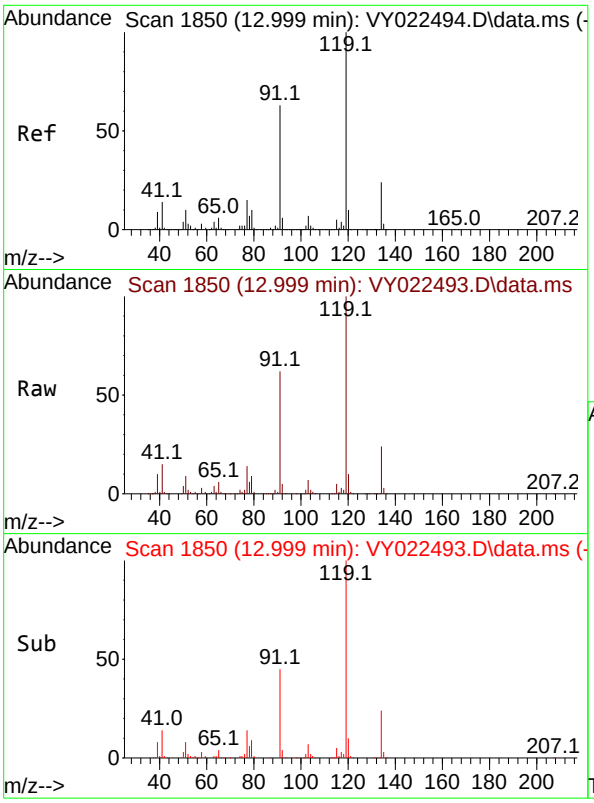


#82
4-Chlorotoluene
Concen: 19.951 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 154601

Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.0	50.9

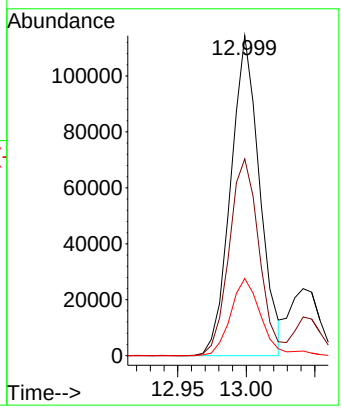




#83
tert-Butylbenzene
Concen: 20.188 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:119 Resp: 16751

Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.1	96.3
134	25.7	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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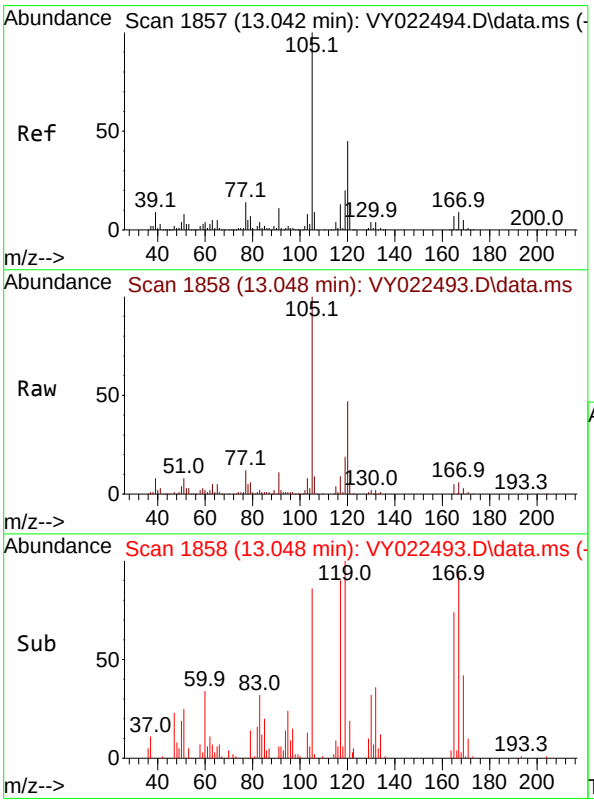
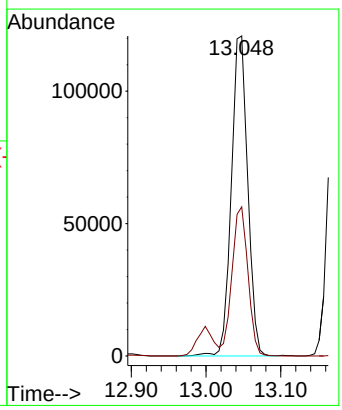
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

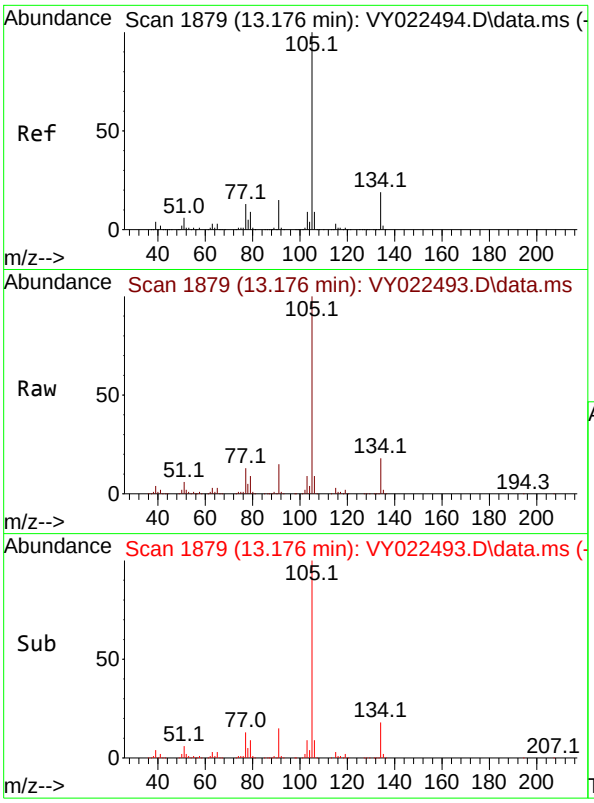


#84
1,2,4-Trimethylbenzene
Concen: 20.241 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:105 Resp: 184202

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.1

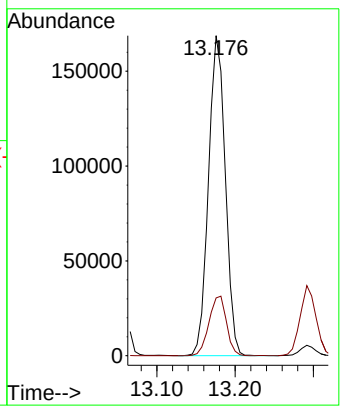




#85
sec-Butylbenzene
Concen: 19.979 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:105 Resp: 25135

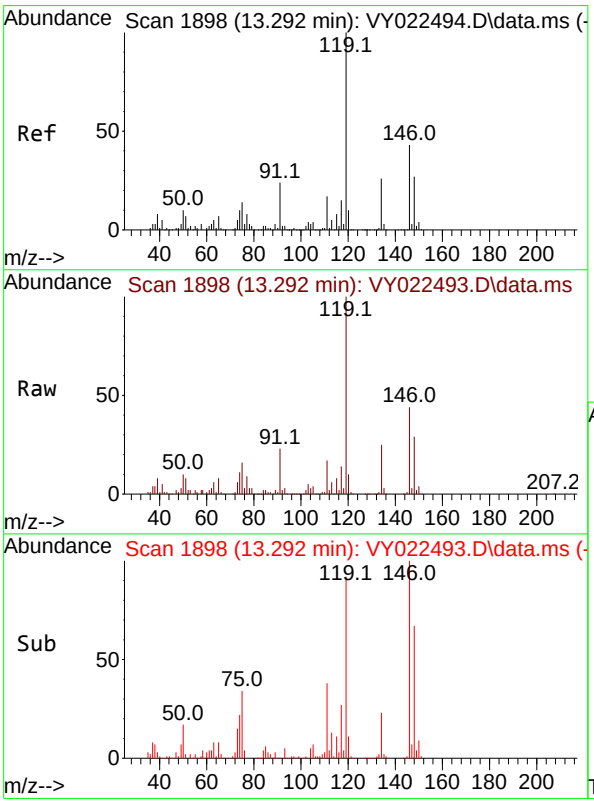
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

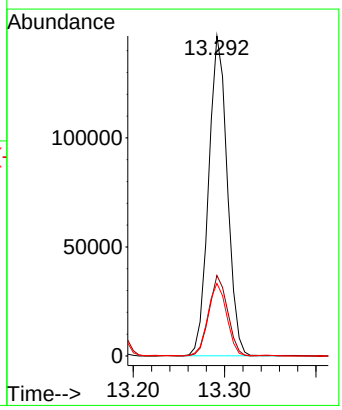
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

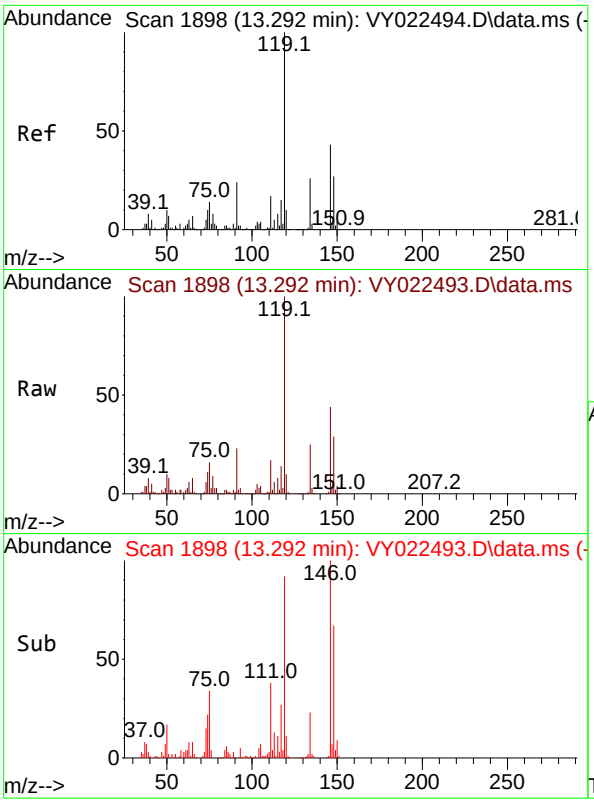


#86
p-Isopropyltoluene
Concen: 20.054 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:119 Resp: 207417

Ion	Ratio	Lower	Upper
119	100		
134	25.1	13.1	39.1
91	22.8	11.6	34.8

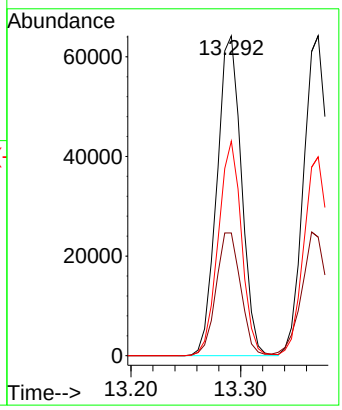




#87
1,3-Dichlorobenzene
Concen: 20.252 ug/l
RT: 13.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:146 Resp: 9990

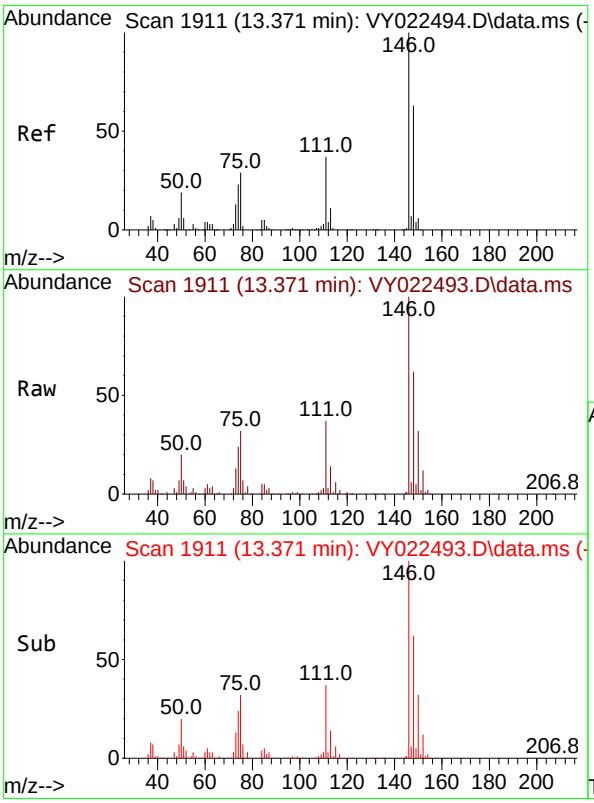
Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	63.9	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

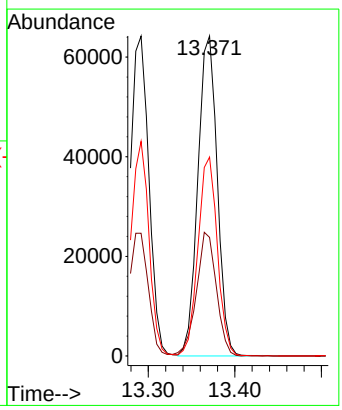
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

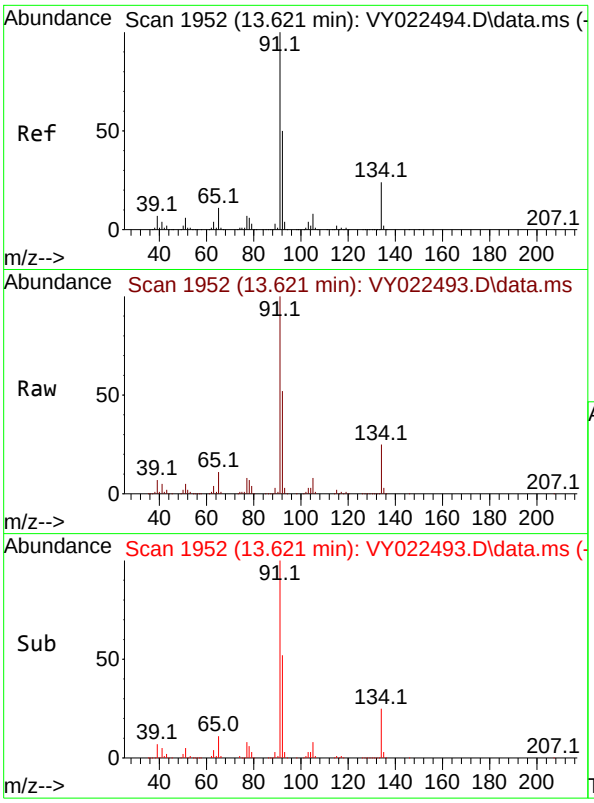


#88
1,4-Dichlorobenzene
Concen: 20.823 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:146 Resp: 100082

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.4	58.2
148	62.1	31.6	94.8

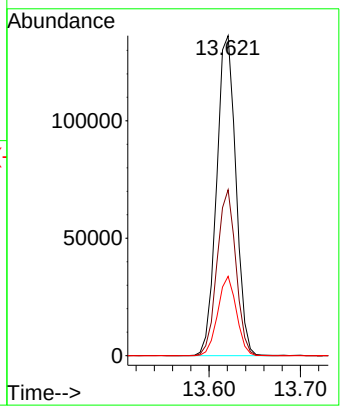




#89
n-Butylbenzene
Concen: 20.287 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 19978

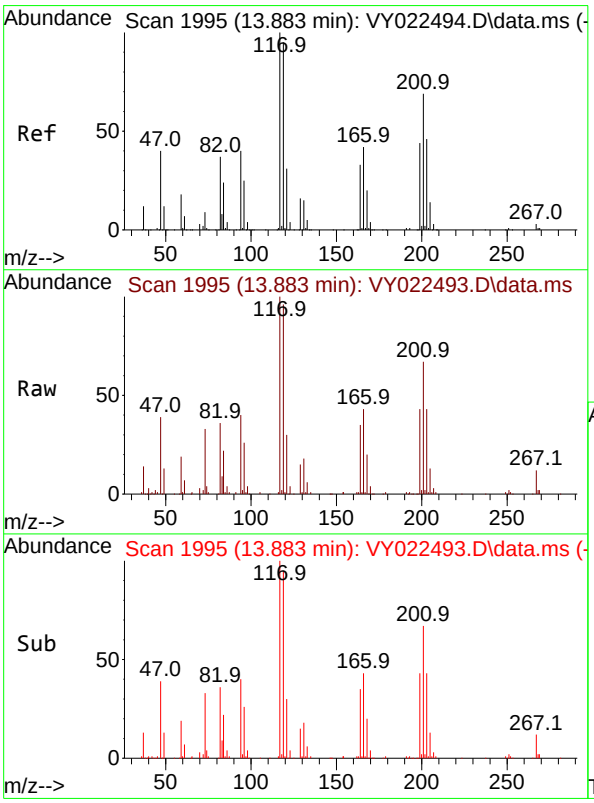
Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.9	77.8
134	24.1	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

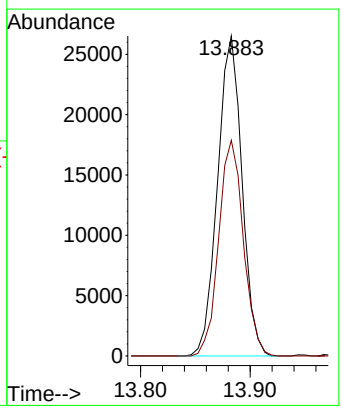
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

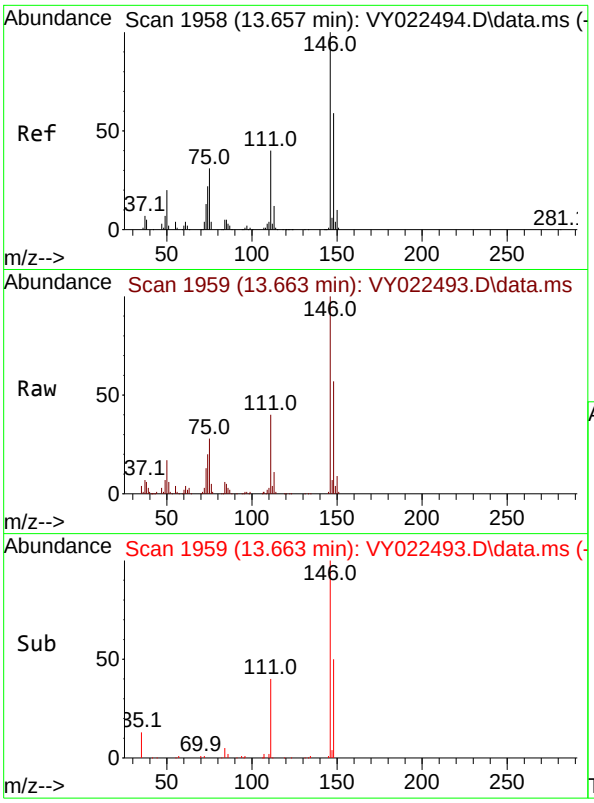


#90
Hexachloroethane
Concen: 20.316 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:117 Resp: 41119

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.0	102.0

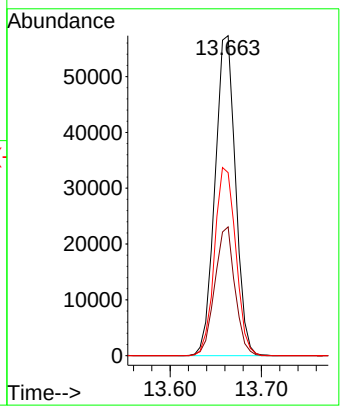




#91
1,2-Dichlorobenzene
Concen: 21.085 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:146 Resp: 8935

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.6
148	60.9	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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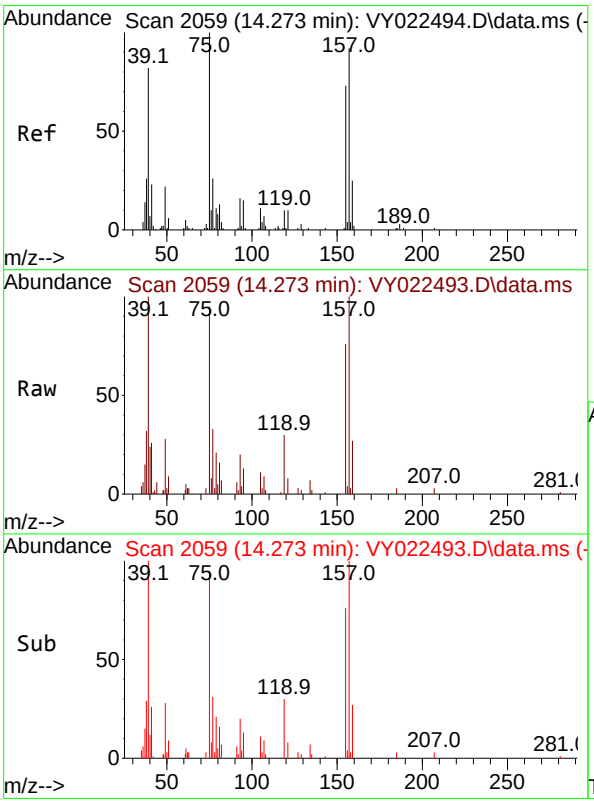
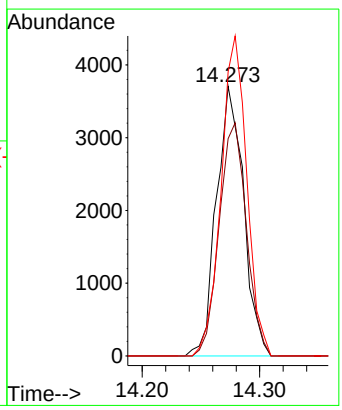
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

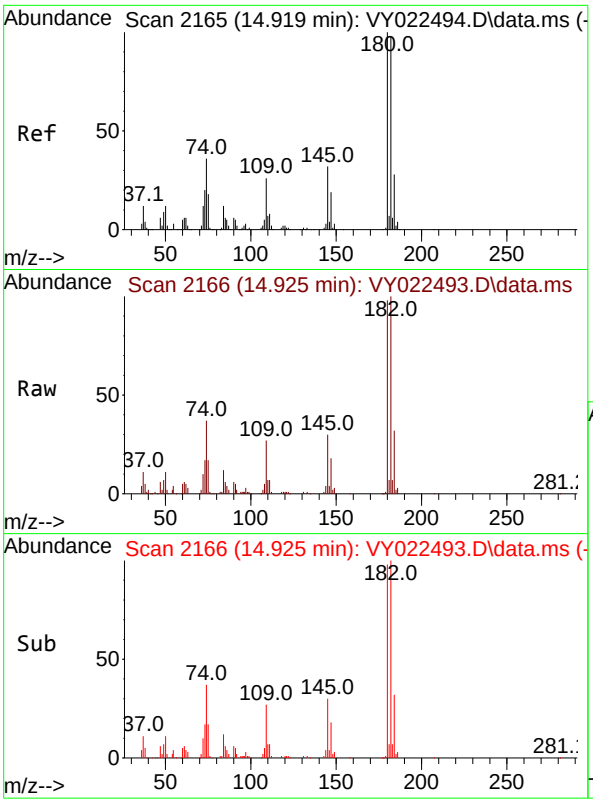


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.796 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 5939

Ion	Ratio	Lower	Upper
75	100		
155	87.0	39.9	119.6
157	112.6	54.0	162.0

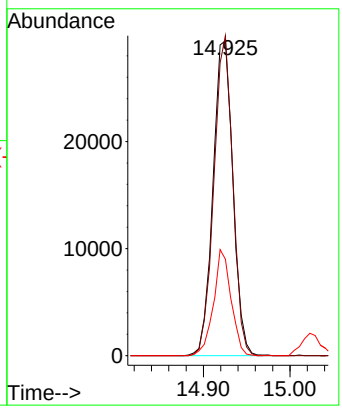




#93
1,2,4-Trichlorobenzene
Concen: 20.254 ug/l
RT: 14.925 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:180 Resp: 4691

Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.4	145.3
145	29.8	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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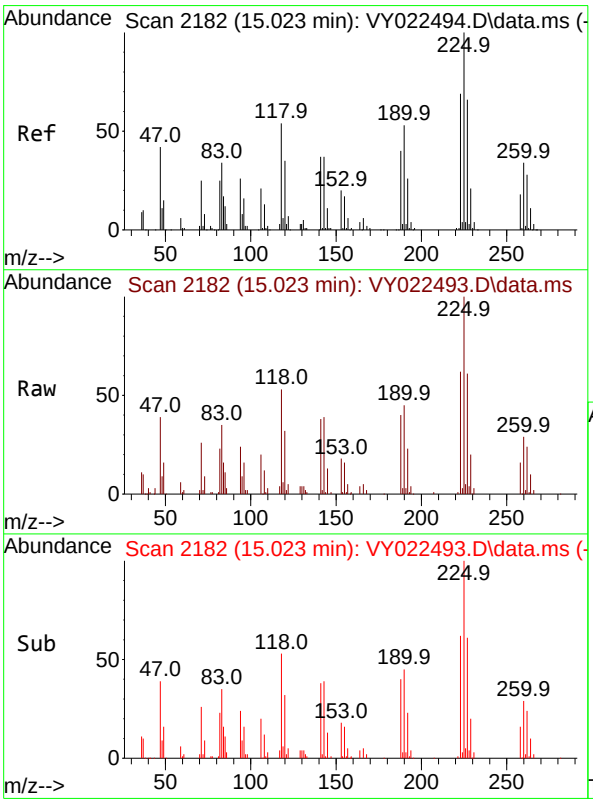
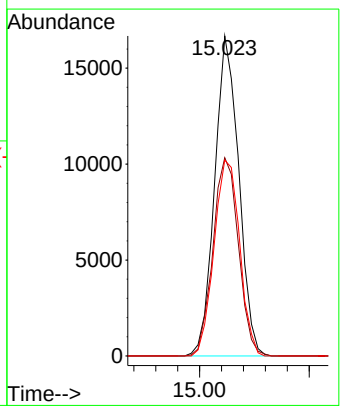
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

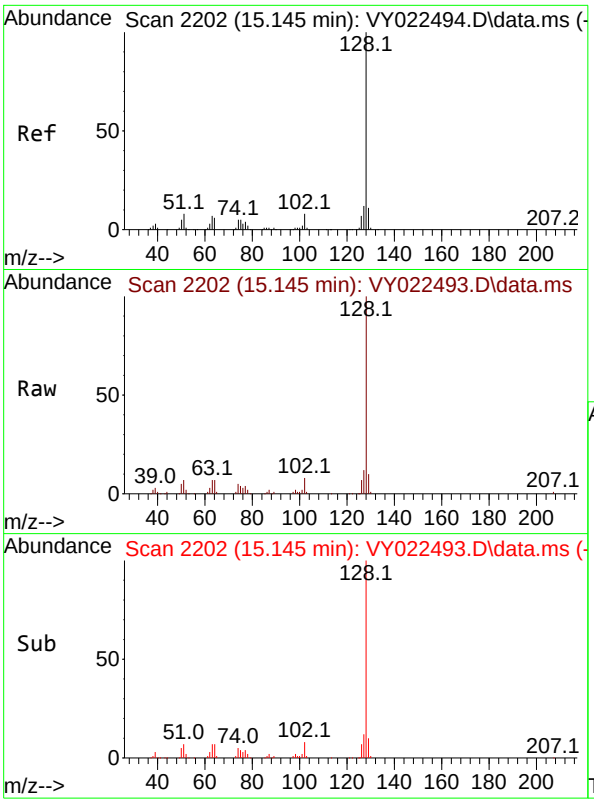


#94
Hexachlorobutadiene
Concen: 20.124 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:225 Resp: 25462

Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.5	97.4
227	65.0	32.3	96.9

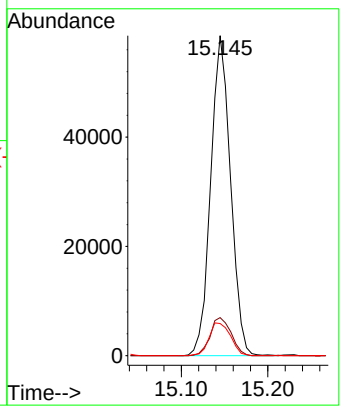




#95
Naphthalene
Concen: 20.994 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:128 Resp: 9320

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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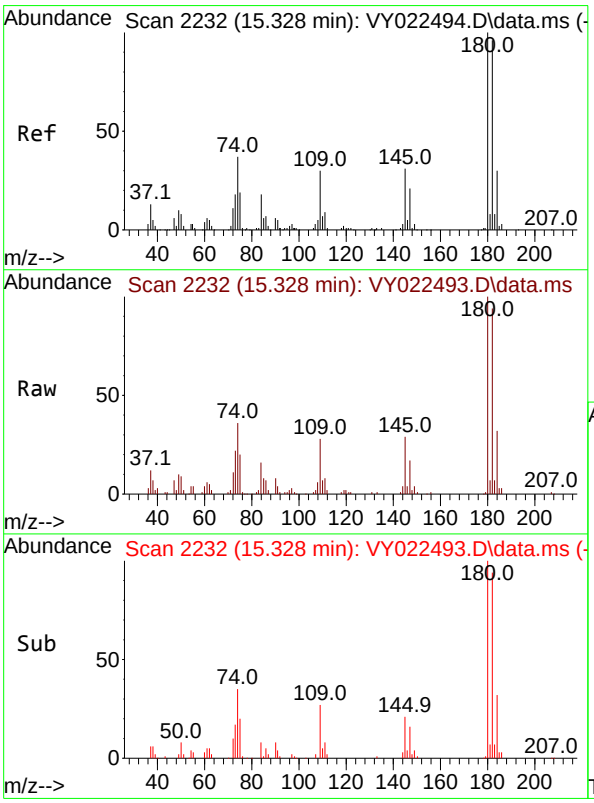
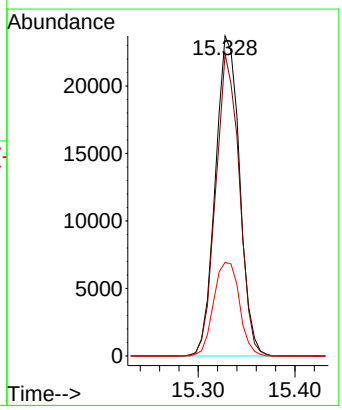
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.892 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:180 Resp: 41131

Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.1	141.3
145	31.1	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	209963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	139554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	124098	54.320	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.640%			
35) Dibromofluoromethane	7.640	113	112624	54.514	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.020%			
50) Toluene-d8	10.109	98	448690	53.734	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.408	95	130393	51.503	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	86654	47.230	ug/l	100
3) Chloromethane	2.068	50	258324	47.727	ug/l	100
4) Vinyl Chloride	2.202	62	314332	49.618	ug/l	100
5) Bromomethane	2.598	94	260442	43.463	ug/l	100
6) Chloroethane	2.739	64	202595	46.711	ug/l	100
7) Trichlorofluoromethane	3.056	101	257006	47.749	ug/l	100
8) Diethyl Ether	3.464	74	61045	51.349	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	112910	50.009	ug/l	100
10) Methyl Iodide	4.007	142	135237	55.855	ug/l	100
11) Tert butyl alcohol	4.885	59	41304	253.096	ug/l	100
12) 1,1-Dichloroethene	3.800	96	108756	50.463	ug/l	100
13) Acrolein	3.659	56	50388	252.946	ug/l	100
14) Allyl chloride	4.391	41	169258	50.399	ug/l	100
15) Acrylonitrile	5.068	53	132018	261.075	ug/l	100
16) Acetone	3.879	43	121507	269.036	ug/l	100
17) Carbon Disulfide	4.110	76	349342	50.769	ug/l	100
18) Methyl Acetate	4.397	43	69815	51.384	ug/l	100
19) Methyl tert-butyl Ether	5.129	73	308578	51.316	ug/l	100
20) Methylene Chloride	4.623	84	120562	47.810	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	119917	49.807	ug/l	100
22) Diisopropyl ether	6.025	45	381760	51.120	ug/l	100
23) Vinyl Acetate	5.970	43	1137415	256.734	ug/l	100
24) 1,1-Dichloroethane	5.921	63	222533	50.410	ug/l	100
25) 2-Butanone	6.903	43	176185	264.461	ug/l	100
26) 2,2-Dichloropropane	6.890	77	198763	50.650	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	143210	51.463	ug/l	100
28) Bromochloromethane	7.250	49	95397	50.015	ug/l	100
29) Tetrahydrofuran	7.268	42	109698	255.247	ug/l	100
30) Chloroform	7.427	83	222226	50.944	ug/l	100
31) Cyclohexane	7.707	56	213031	47.951	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	199103	51.074	ug/l	100
36) 1,1-Dichloropropene	7.841	75	170708	51.116	ug/l	100
37) Ethyl Acetate	6.994	43	80426	54.721	ug/l	100
38) Carbon Tetrachloride	7.823	117	178292	51.787	ug/l	100
39) Methylcyclohexane	9.116	83	230536	51.100	ug/l	100
40) Benzene	8.085	78	505749	51.376	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	43865	46.342	ug/l		100
42) 1,2-Dichloroethane	8.165	62	136876	51.114	ug/l		100
43) Isopropyl Acetate	8.201	43	167771	52.237	ug/l		100
44) Trichloroethene	8.866	130	124670	51.843	ug/l		100
45) 1,2-Dichloropropane	9.146	63	120660	51.415	ug/l		100
46) Dibromomethane	9.231	93	67690	51.485	ug/l		100
47) Bromodichloromethane	9.427	83	172341	51.664	ug/l		100
48) Methyl methacrylate	9.225	41	77885	52.963	ug/l		100
49) 1,4-Dioxane	9.244	88	15334	977.637	ug/l		100
51) 4-Methyl-2-Pentanone	10.000	43	425868	267.154	ug/l		100
52) Toluene	10.176	92	316972	51.213	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	161859	52.450	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	188559	52.108	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	84788	51.209	ug/l		100
56) Ethyl methacrylate	10.445	69	127271	52.930	ug/l		100
57) 1,3-Dichloropropane	10.719	76	152809	51.821	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	279669	260.896	ug/l		100
59) 2-Hexanone	10.762	43	283601	266.885	ug/l		100
60) Dibromochloromethane	10.914	129	110314	52.582	ug/l		100
61) 1,2-Dibromoethane	11.018	107	78151	51.150	ug/l		100
64) Tetrachloroethene	10.652	164	130171	51.367	ug/l		100
65) Chlorobenzene	11.444	112	332645	51.447	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	112934	51.526	ug/l		100
67) Ethyl Benzene	11.518	91	621031	51.577	ug/l		100
68) m/p-Xylenes	11.633	106	468441	102.795	ug/l		100
69) o-Xylene	11.957	106	218760	51.293	ug/l		100
70) Styrene	11.969	104	367553	52.052	ug/l		100
71) Bromoform	12.133	173	59888	51.996	ug/l	#	100
73) Isopropylbenzene	12.255	105	577133	51.329	ug/l		100
74) N-amyl acetate	12.072	43	149637	52.627	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	95218	52.145	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	87965m	47.747	ug/l		
77) Bromobenzene	12.536	156	121092	50.812	ug/l		100
78) n-propylbenzene	12.597	91	707143	51.667	ug/l		100
79) 2-Chlorotoluene	12.682	91	373402	51.670	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	455006	51.754	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	32630	50.780	ug/l		100
82) 4-Chlorotoluene	12.780	91	387296	51.710	ug/l		100
83) tert-Butylbenzene	12.999	119	404519	50.438	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	449372	51.088	ug/l		100
85) sec-Butylbenzene	13.176	105	623185	51.250	ug/l		100
86) p-Isopropyltoluene	13.292	119	510026	51.018	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	241816	50.717	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	237429	51.108	ug/l		100
89) n-Butylbenzene	13.621	91	493153	51.811	ug/l		100
90) Hexachloroethane	13.883	117	99901	51.068	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	211065	51.528	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14697	53.244	ug/l		100
93) 1,2,4-Trichlorobenzene	14.919	180	114007	50.919	ug/l		100
94) Hexachlorobutadiene	15.023	225	62434	51.054	ug/l		100
95) Naphthalene	15.145	128	226073	52.686	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	97609	51.295	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
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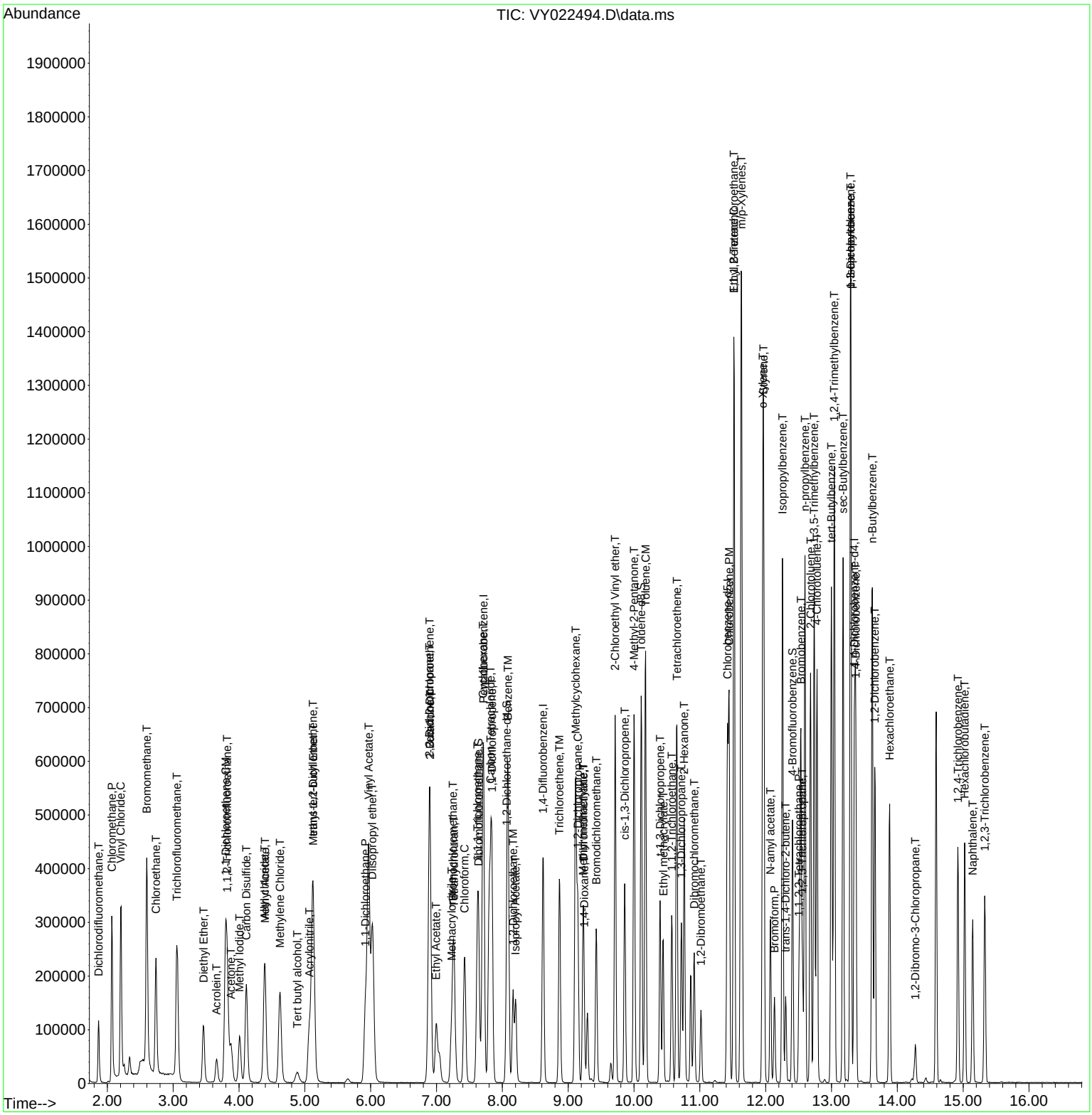
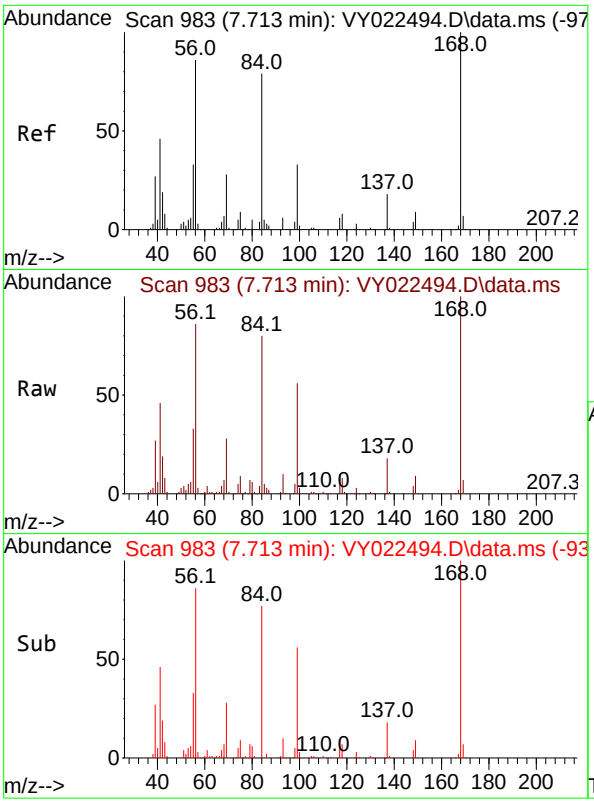
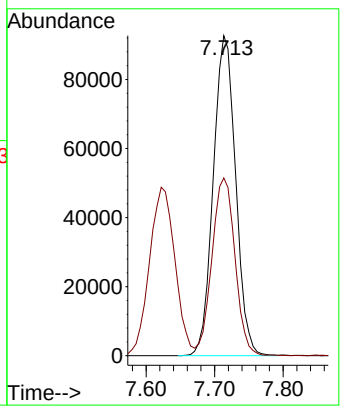




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:168 Resp: 20996

Ion	Ratio	Lower	Upper
168	100		
99	55.4	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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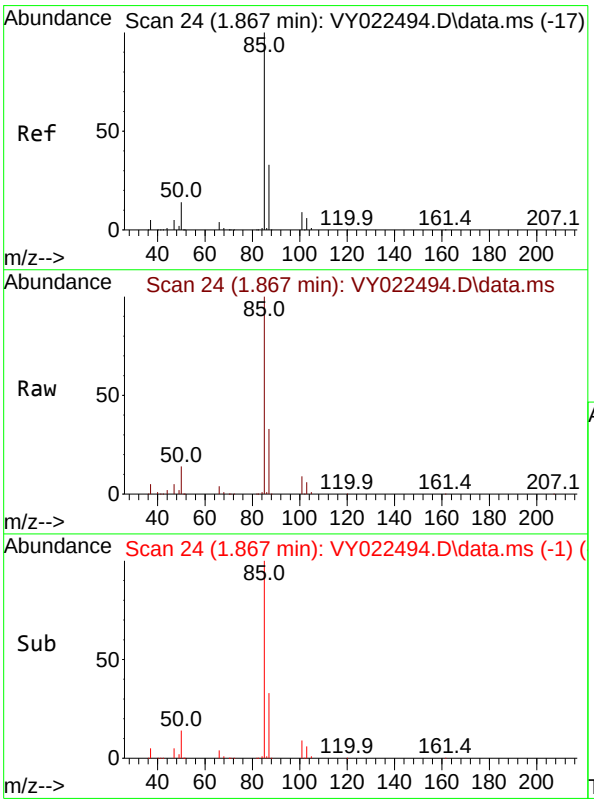
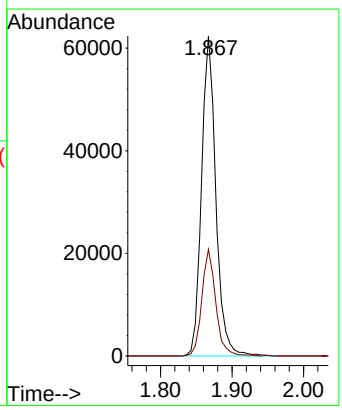
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

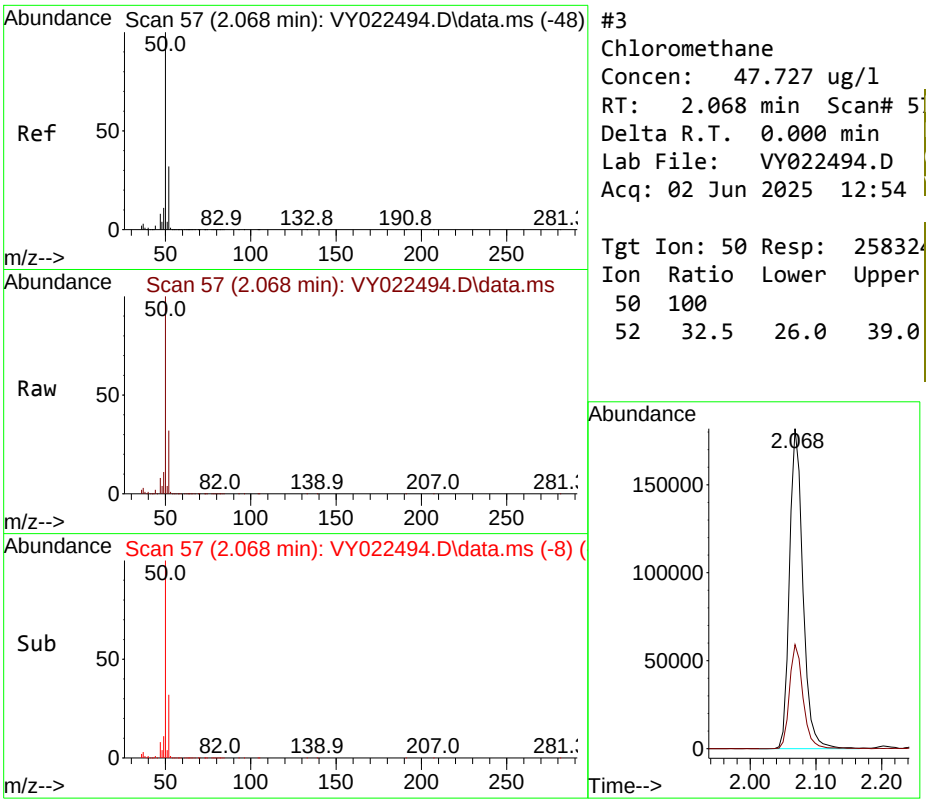


#2
Dichlorodifluoromethane
Concen: 47.230 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 85 Resp: 86654

Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.7	50.0





#3
Chloromethane
Concen: 47.727 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 50 Resp: 25832

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.0	39.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
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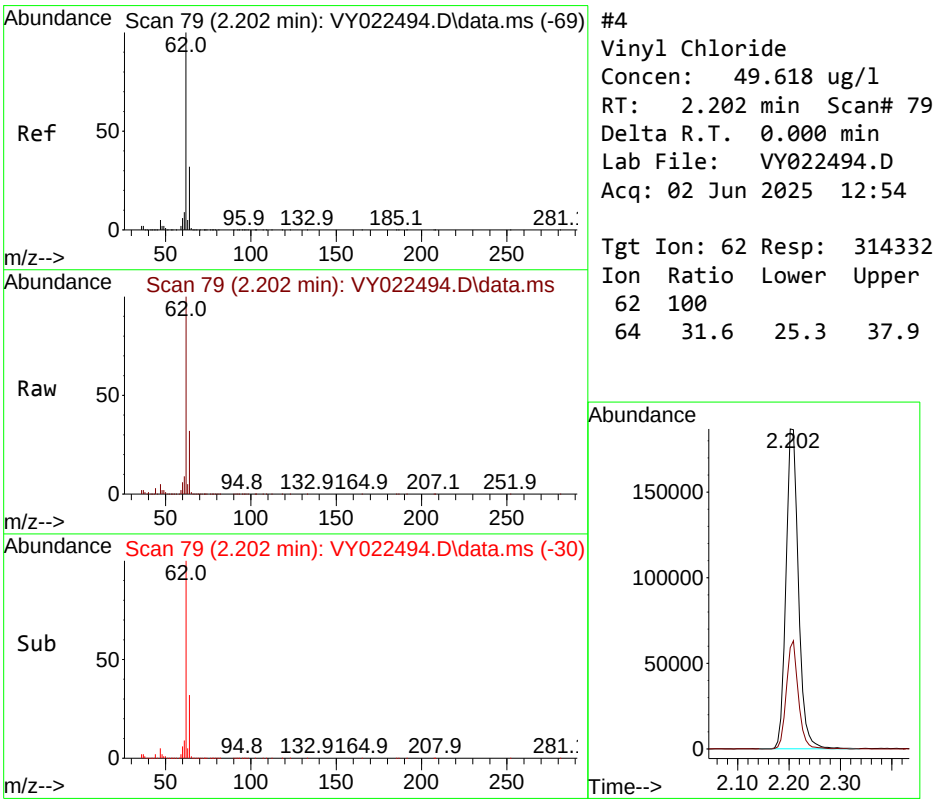
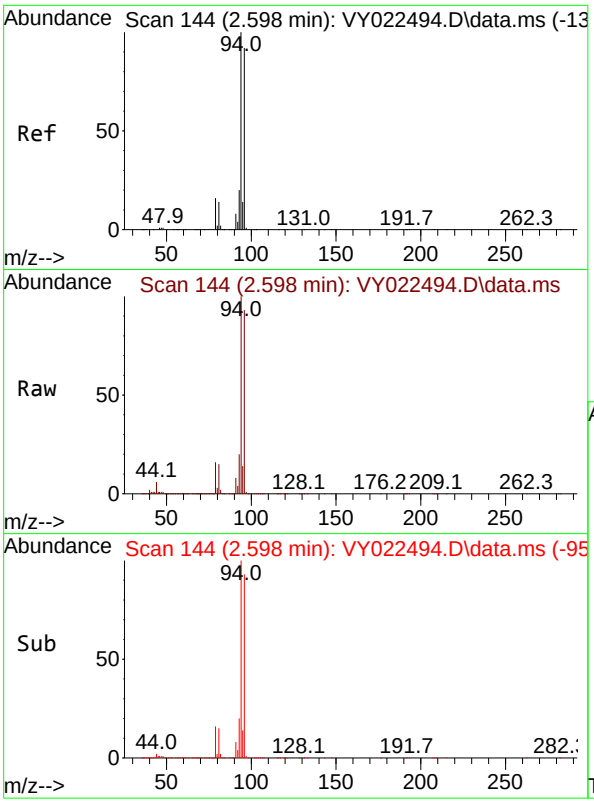


#4
Vinyl Chloride
Concen: 49.618 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 62 Resp: 314332

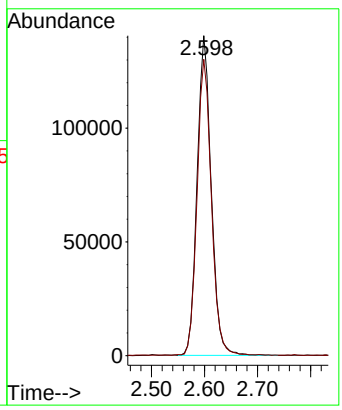
Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.3	37.9



#5
Bromomethane
Concen: 43.463 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 94 Resp: 26044

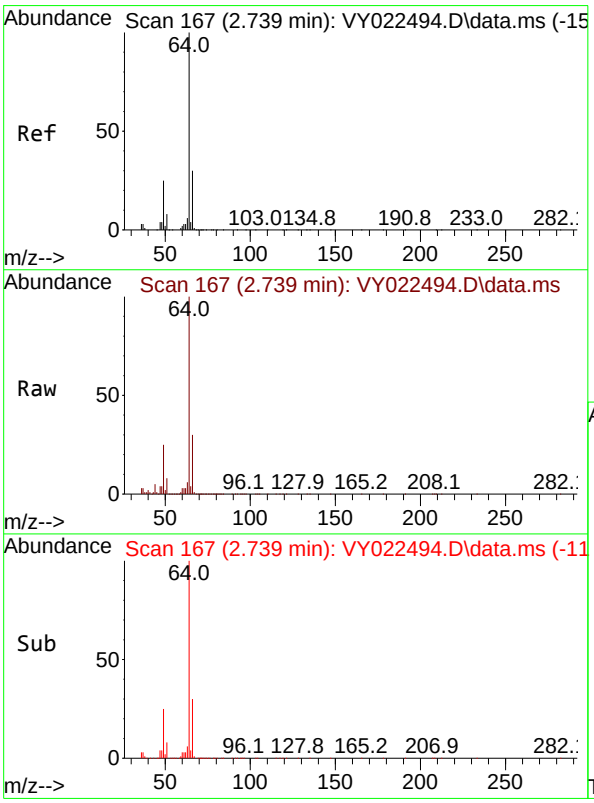
Ion	Ratio	Lower	Upper
94	100		
96	92.5	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

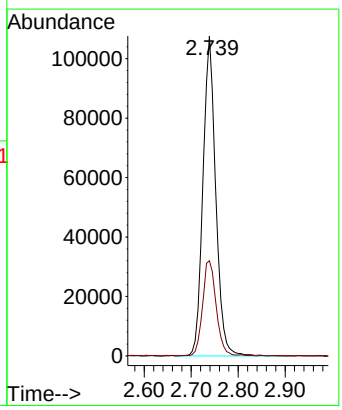
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

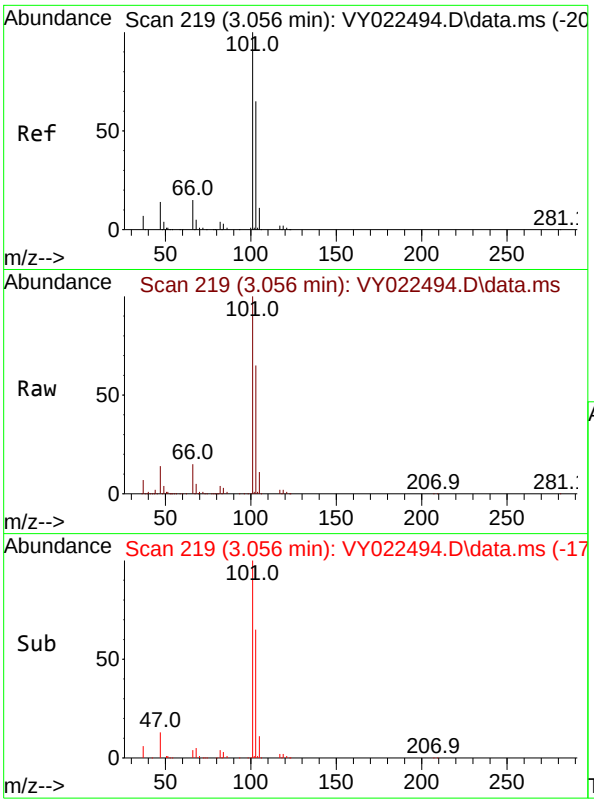


#6
Chloroethane
Concen: 46.711 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 64 Resp: 202595

Ion	Ratio	Lower	Upper
64	100		
66	29.7	23.8	35.6

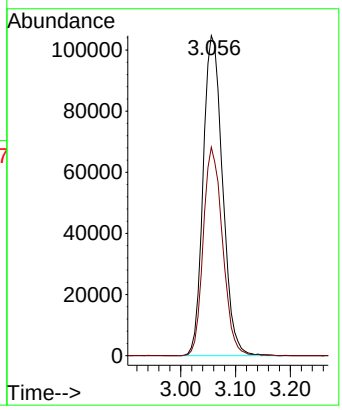




#7
Trichlorofluoromethane
Concen: 47.749 ug/l
RT: 3.056 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:101 Resp: 25700

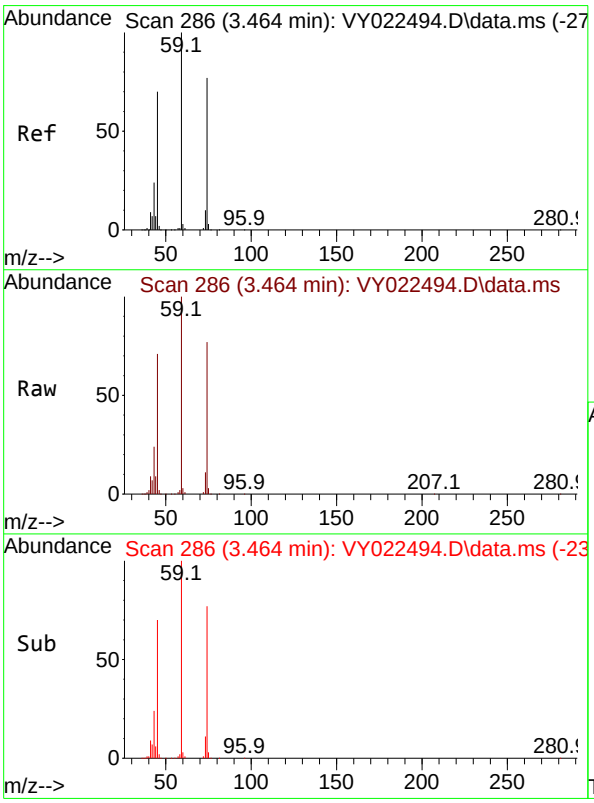
Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

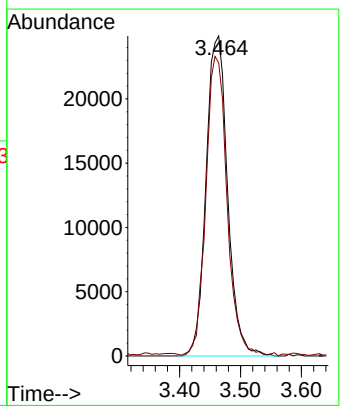
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

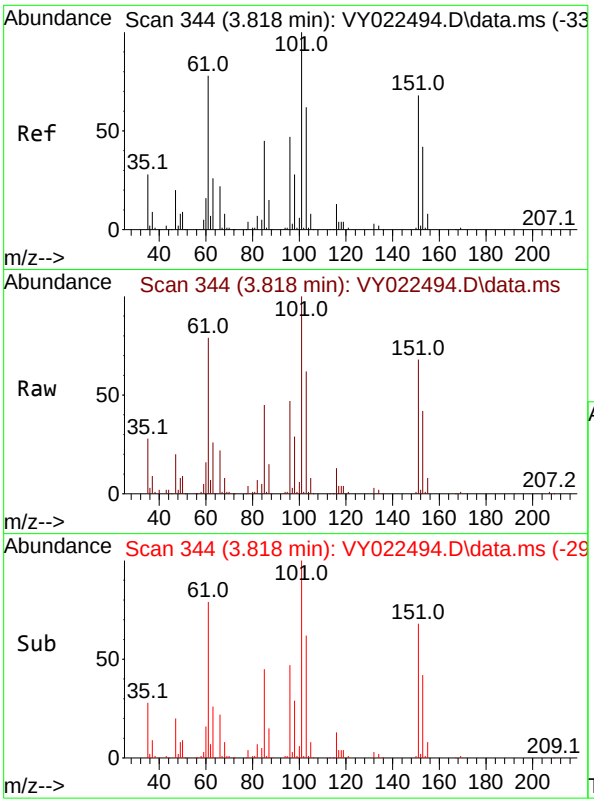


#8
Diethyl Ether
Concen: 51.349 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 74 Resp: 61045

Ion	Ratio	Lower	Upper
74	100		
45	91.7	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.009 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

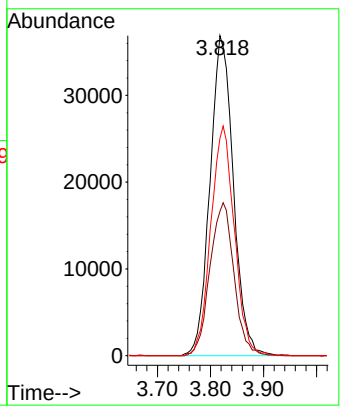
Tgt Ion:101 Resp: 11291

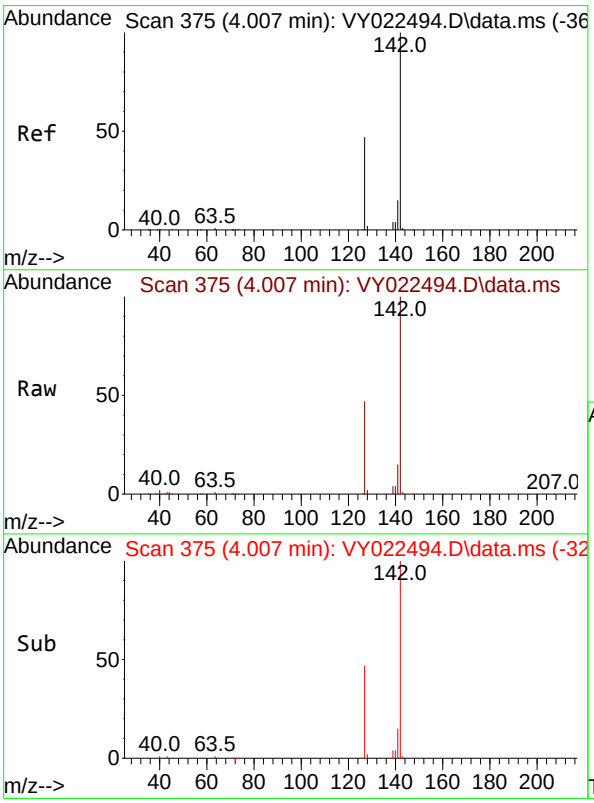
Ion	Ratio	Lower	Upper
101	100		
85	49.1	39.3	58.9
151	72.3	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

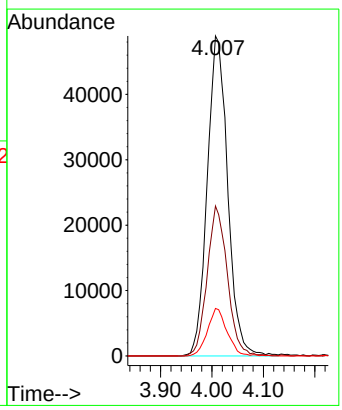


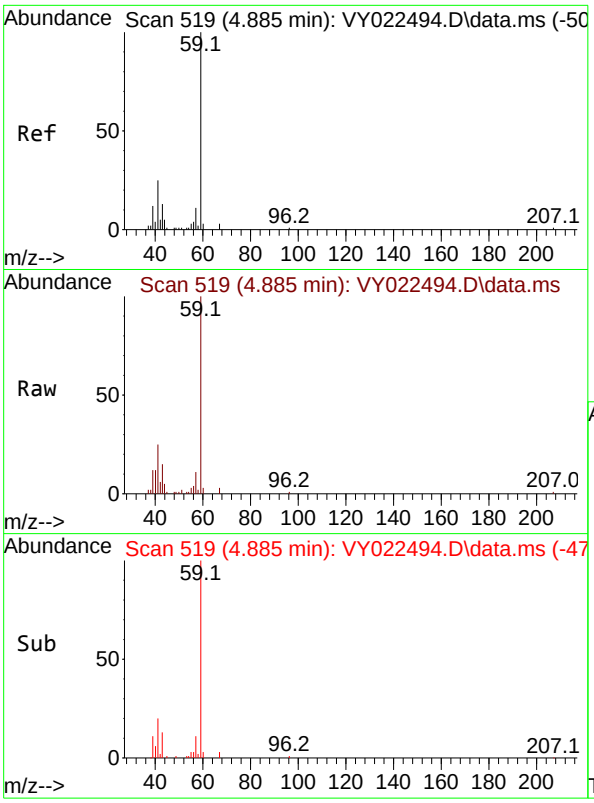


#10
Methyl Iodide
Concen: 55.855 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:142 Resp: 135237

Ion	Ratio	Lower	Upper
142	100		
127	46.4	37.1	55.7
141	14.3	11.4	17.2

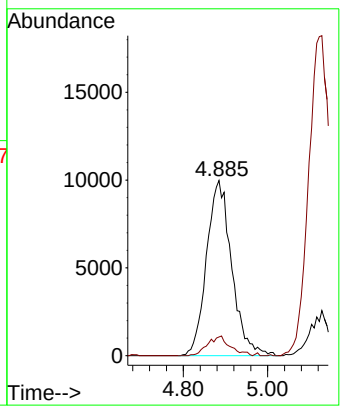




#11
Tert butyl alcohol
Concen: 253.096 ug/l
RT: 4.885 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 59 Resp: 4130

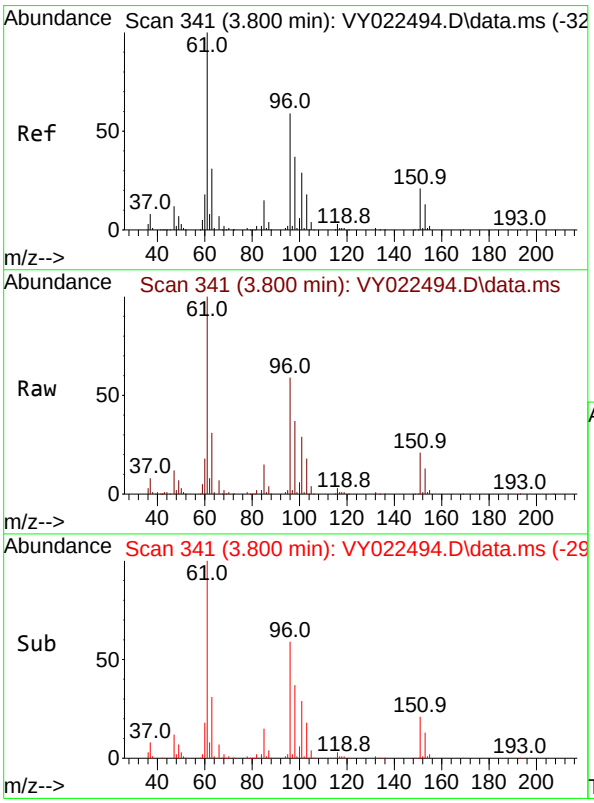
Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

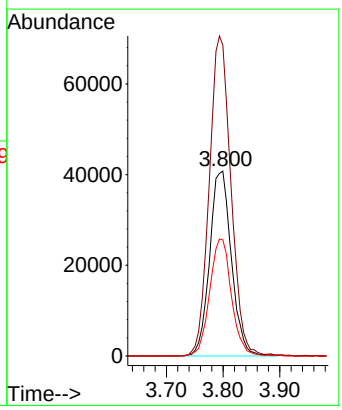
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

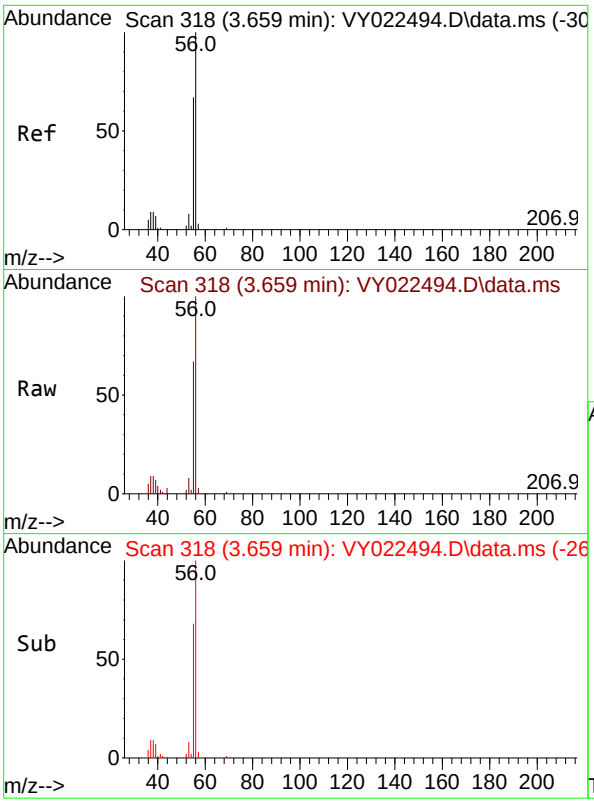


#12
1,1-Dichloroethene
Concen: 50.463 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 96 Resp: 108756

Ion	Ratio	Lower	Upper
96	100		
61	168.2	134.6	201.8
98	62.8	50.2	75.4





#13
Acrolein
Concen: 252.946 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 56 Resp: 5038

Ion	Ratio	Lower	Upper
56	100		
55	71.3	57.0	85.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

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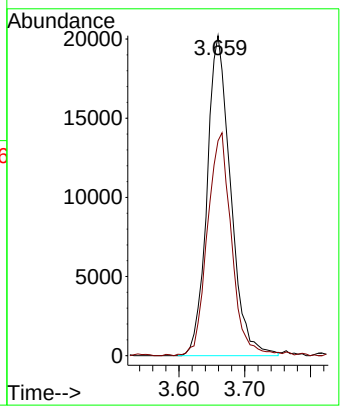
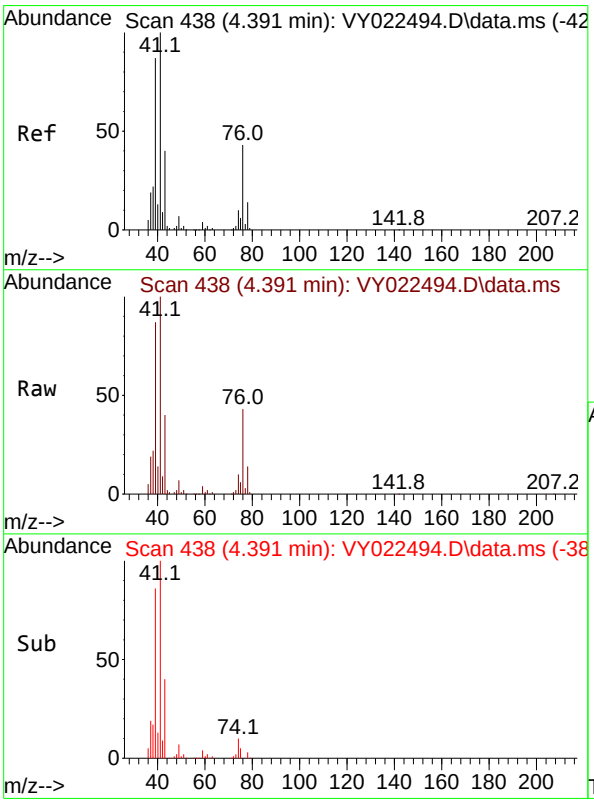
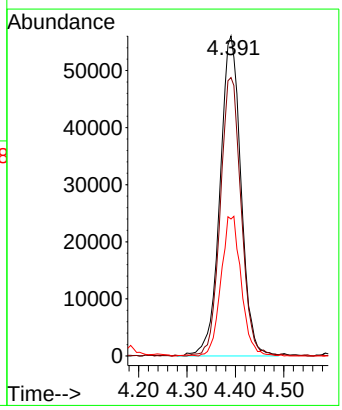


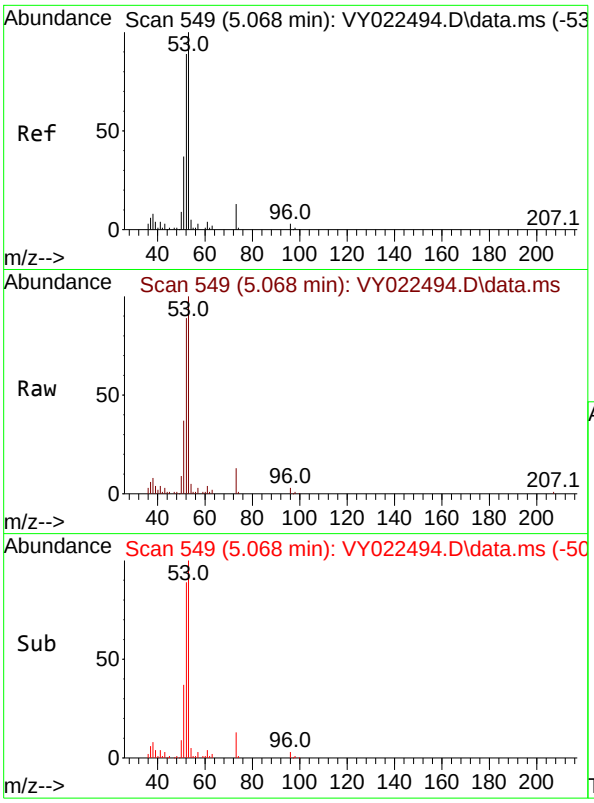


#14
Allyl chloride
Concen: 50.399 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 169258

Ion	Ratio	Lower	Upper
41	100		
39	86.4	69.1	103.7
76	41.9	33.5	50.3





#15
Acrylonitrile
Concen: 261.075 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

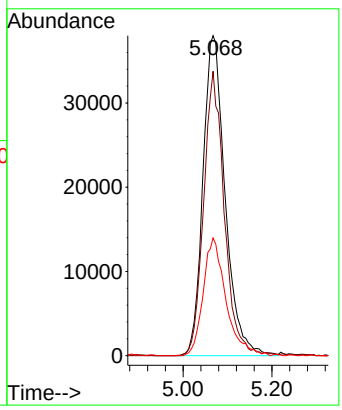
Tgt Ion: 53 Resp: 13201

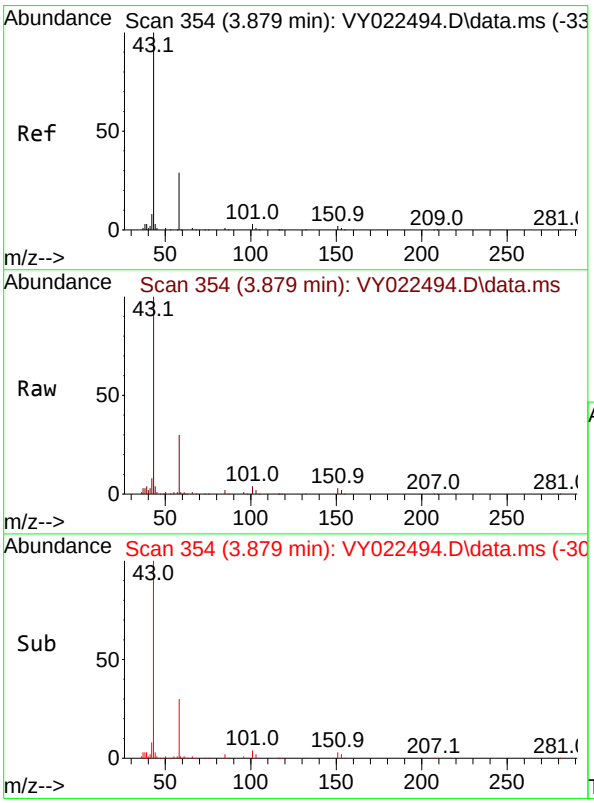
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	37.6	30.1	45.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

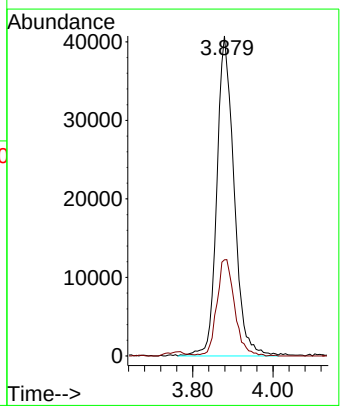


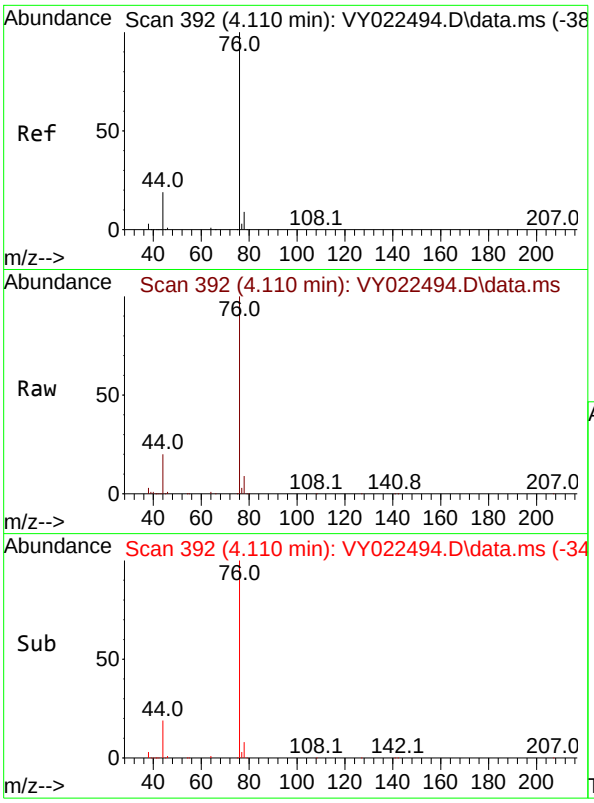


#16
Acetone
Concen: 269.036 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 121507

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.0	36.0





#17
Carbon Disulfide
Concen: 50.769 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 76 Resp: 34934

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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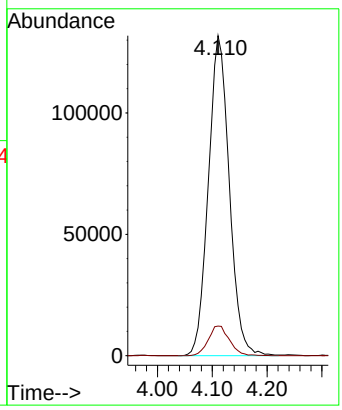
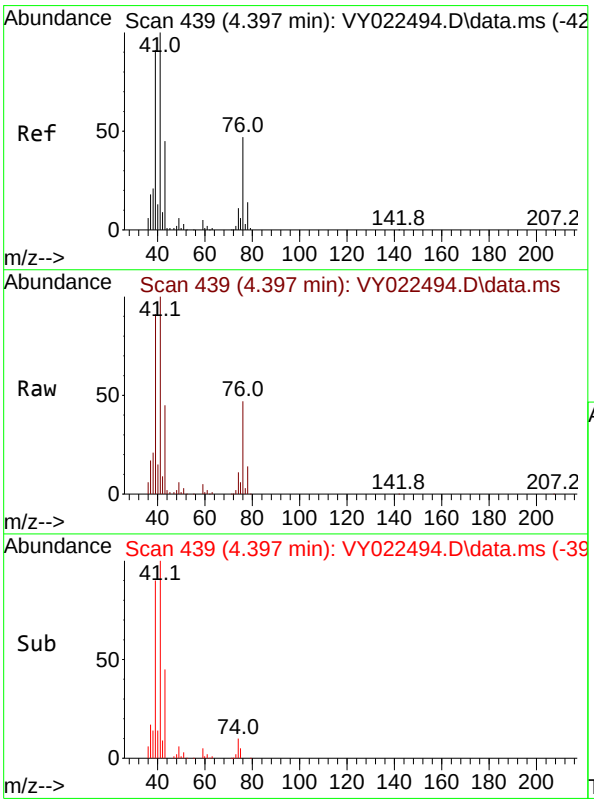
Supervised By :Mahesh Dadoda 06/03/2025

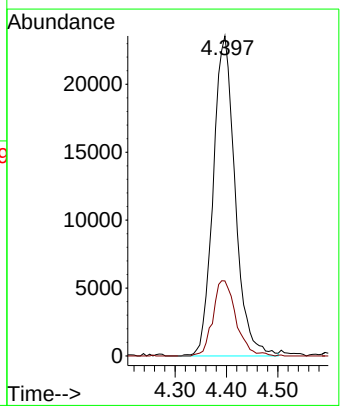


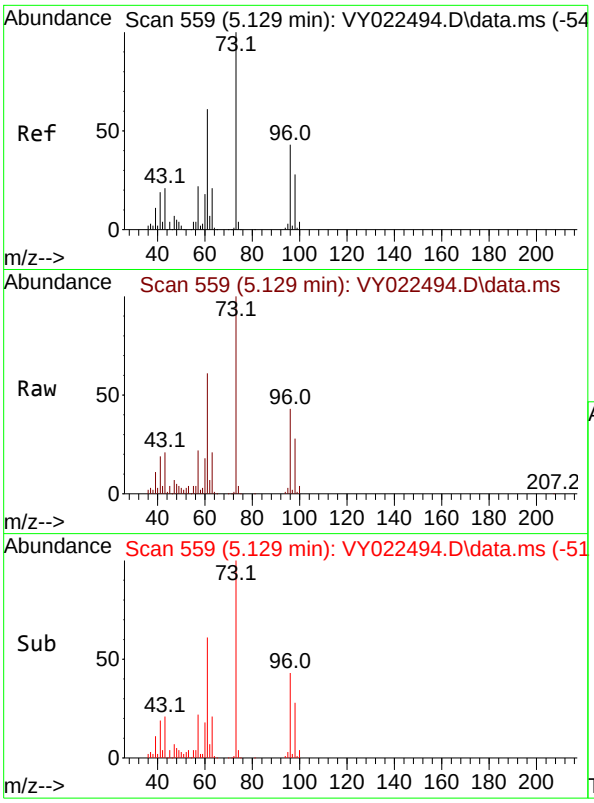


#18
Methyl Acetate
Concen: 51.384 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 69815

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.6

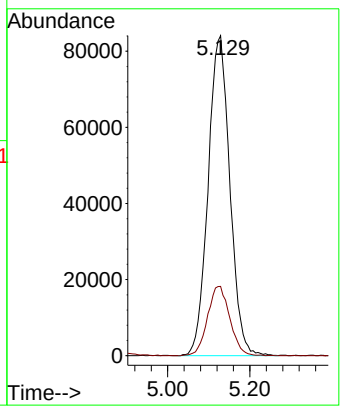




#19
Methyl tert-butyl Ether
Concen: 51.316 ug/l
RT: 5.129 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 73 Resp: 30857

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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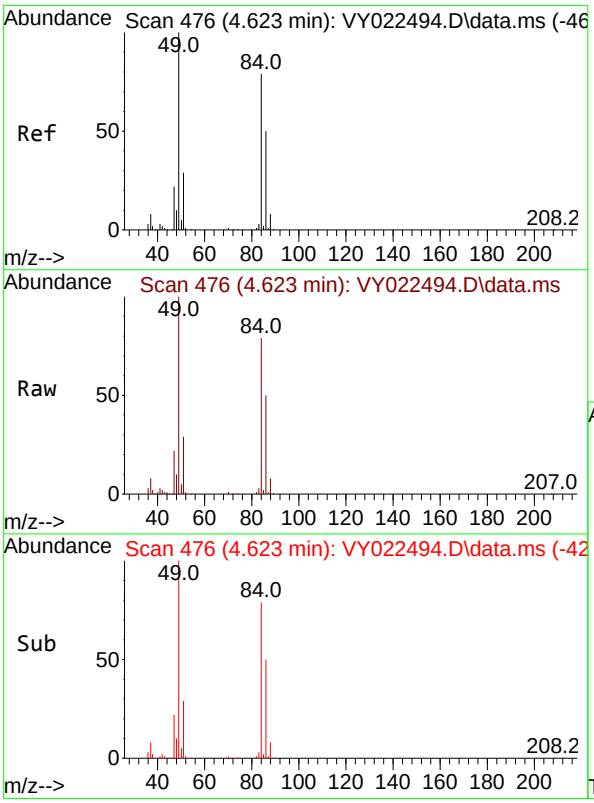
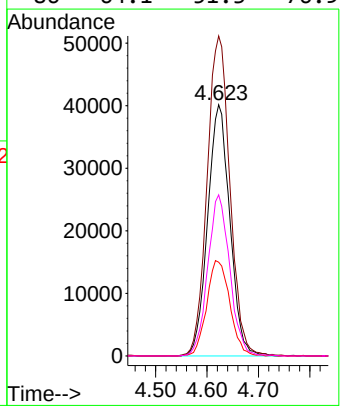
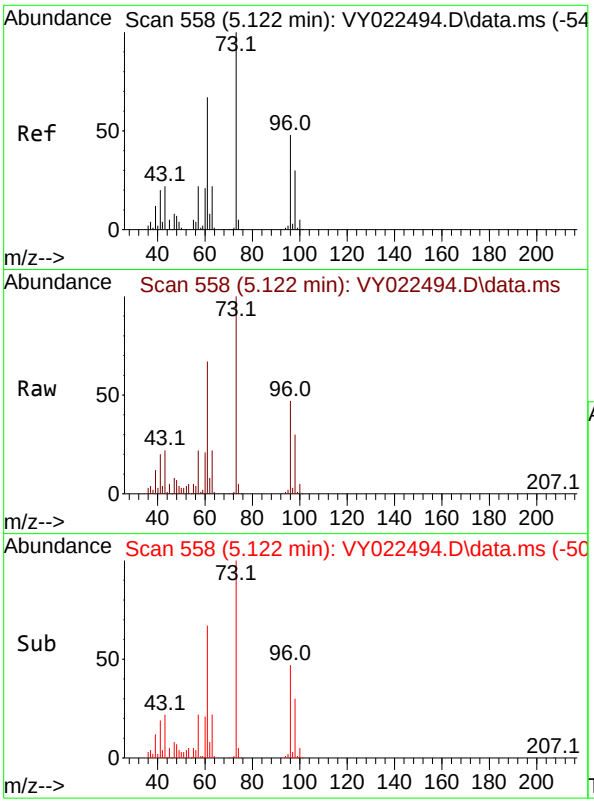


#20
Methylene Chloride
Concen: 47.810 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 84 Resp: 120562

Ion	Ratio	Lower	Upper
84	100		
49	127.4	101.9	152.9
51	37.3	29.8	44.8
86	64.1	51.3	76.9





#21
trans-1,2-Dichloroethene
Concen: 49.807 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 96 Resp: 11991

Ion	Ratio	Lower	Upper
96	100		
61	140.8	112.6	169.0
98	63.2	50.6	75.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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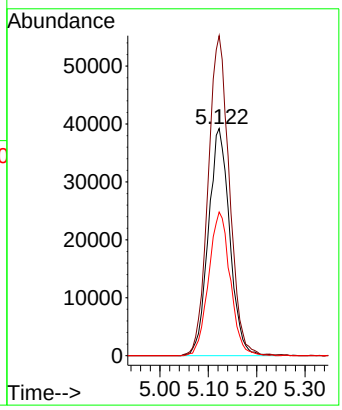
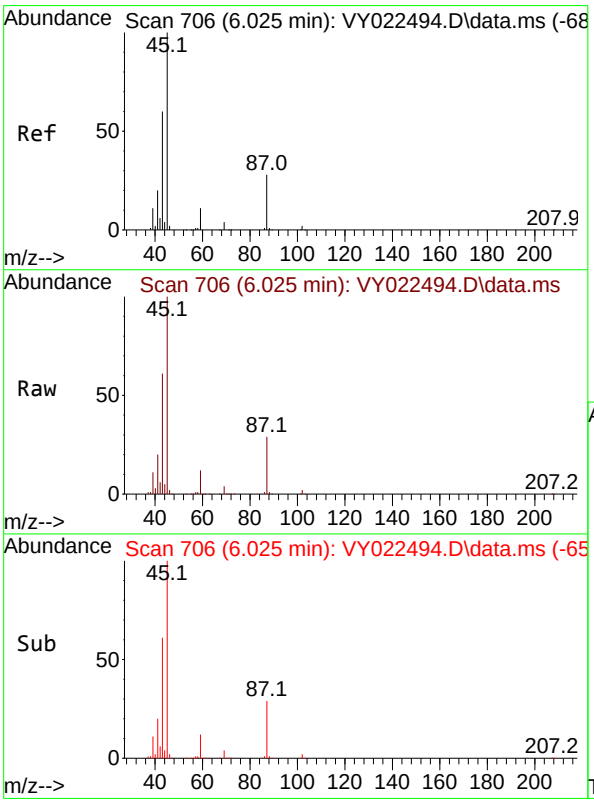
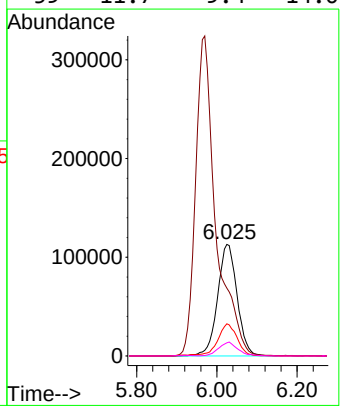


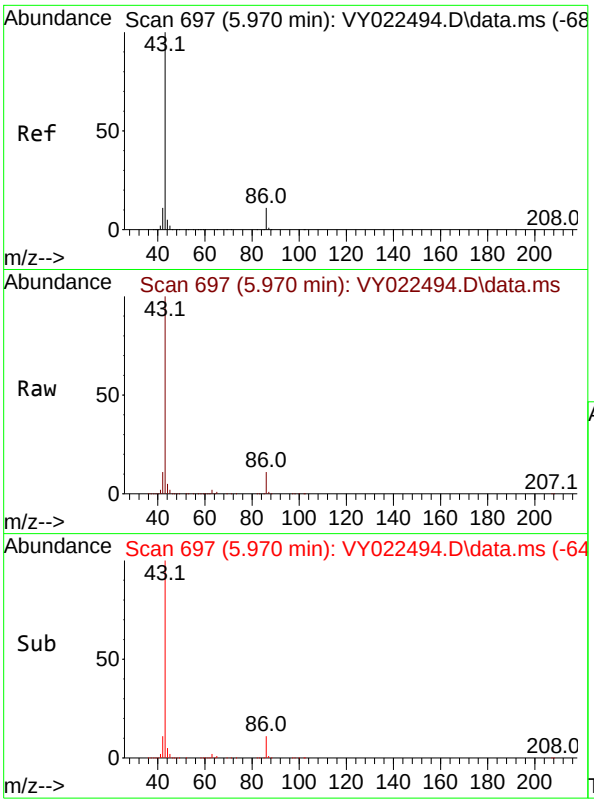


#22
Diisopropyl ether
Concen: 51.120 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 45 Resp: 381760

Ion	Ratio	Lower	Upper
45	100		
43	60.4	48.3	72.5
87	28.8	23.0	34.6
59	11.7	9.4	14.0

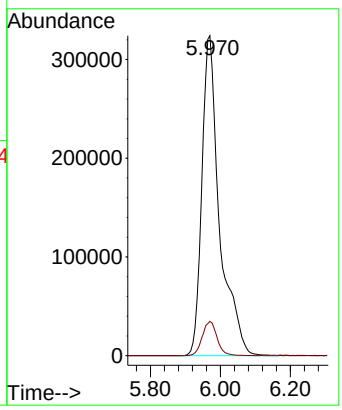




#23
Vinyl Acetate
Concen: 256.734 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 113741

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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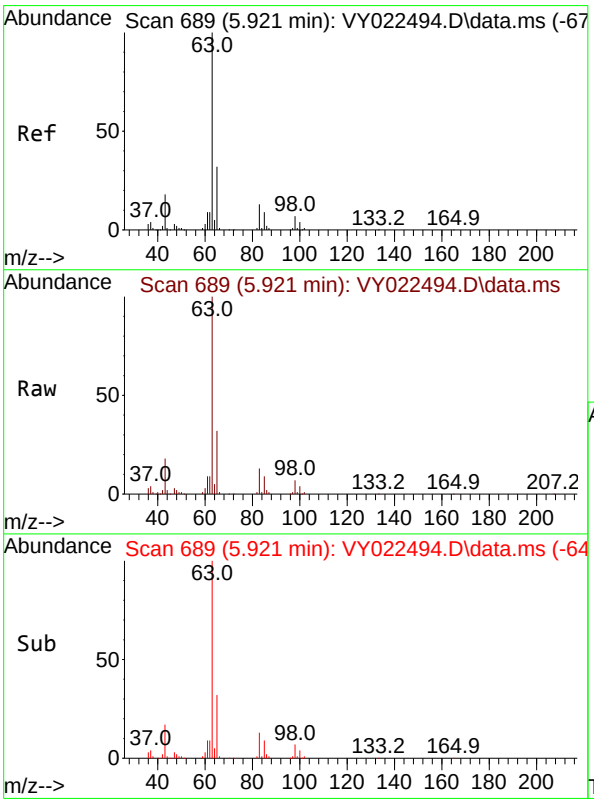
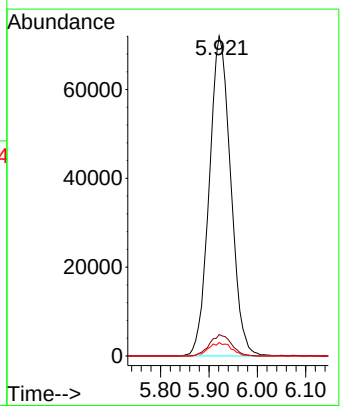
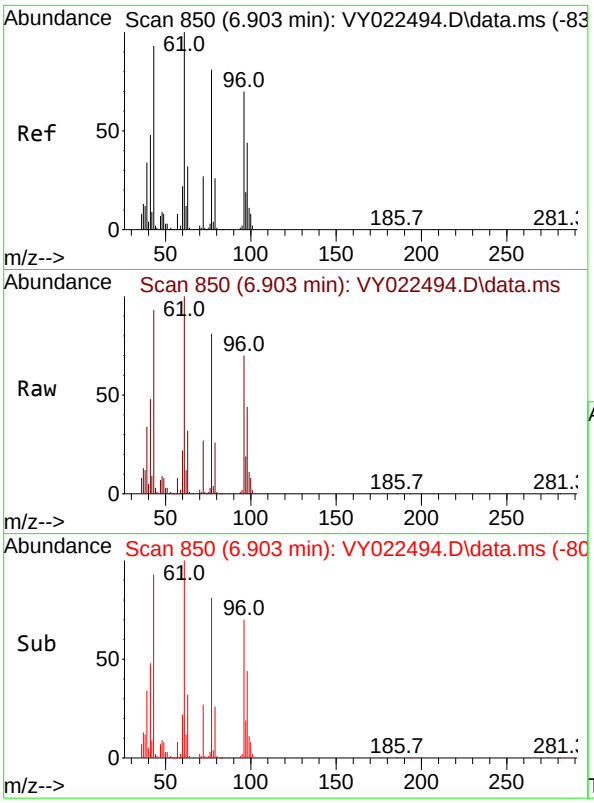


#24
1,1-Dichloroethane
Concen: 50.410 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 63 Resp: 222533

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.1
100	4.2	2.1	6.3

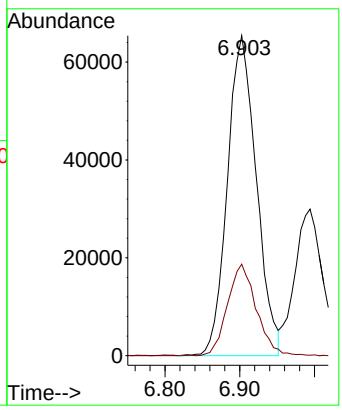




#25
2-Butanone
Concen: 264.461 ug/l
RT: 6.903 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 17618

Ion	Ratio	Lower	Upper
43	100		
72	28.6	22.9	34.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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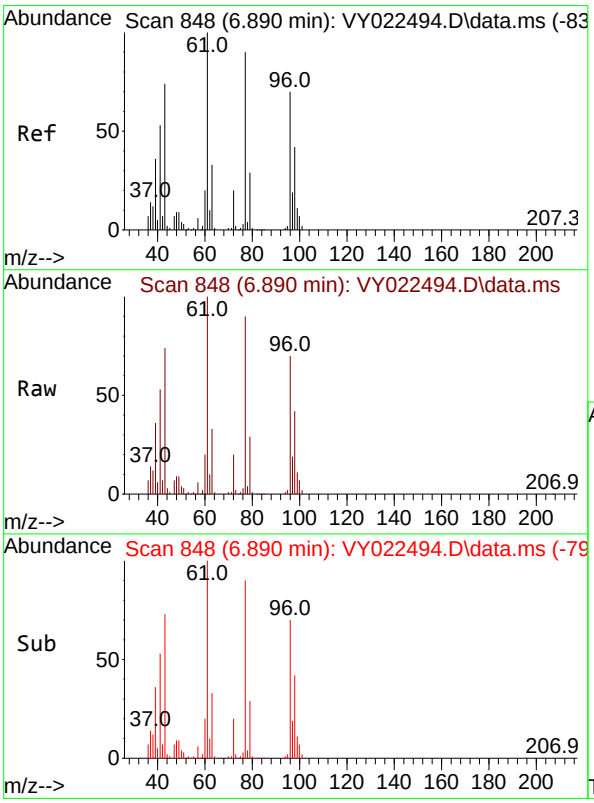
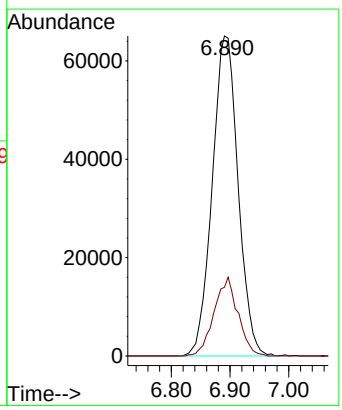
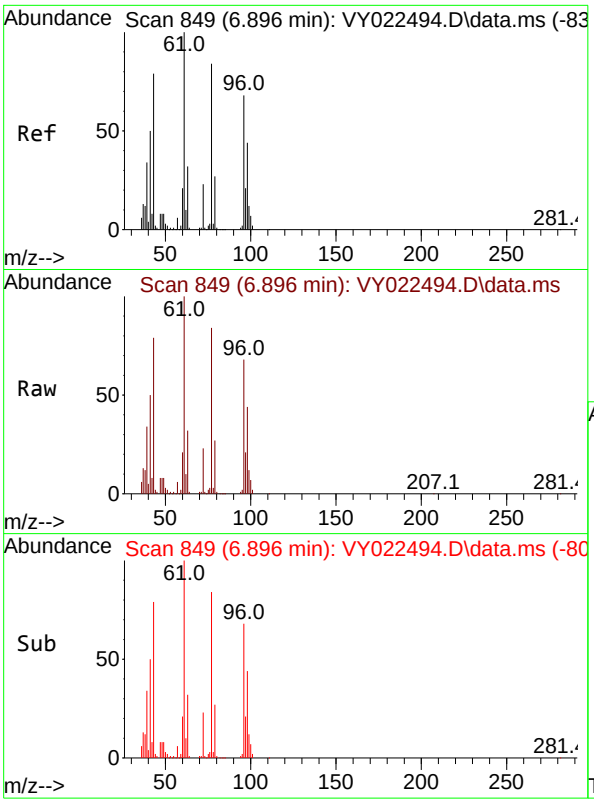


#26
2,2-Dichloropropane
Concen: 50.650 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 77 Resp: 198763

Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.4	34.2

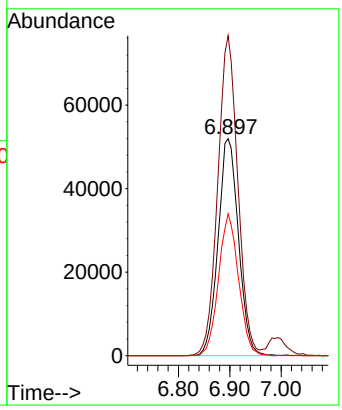




#27
cis-1,2-Dichloroethene
Concen: 51.463 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 96 Resp: 14321

Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	290.0
98	64.2	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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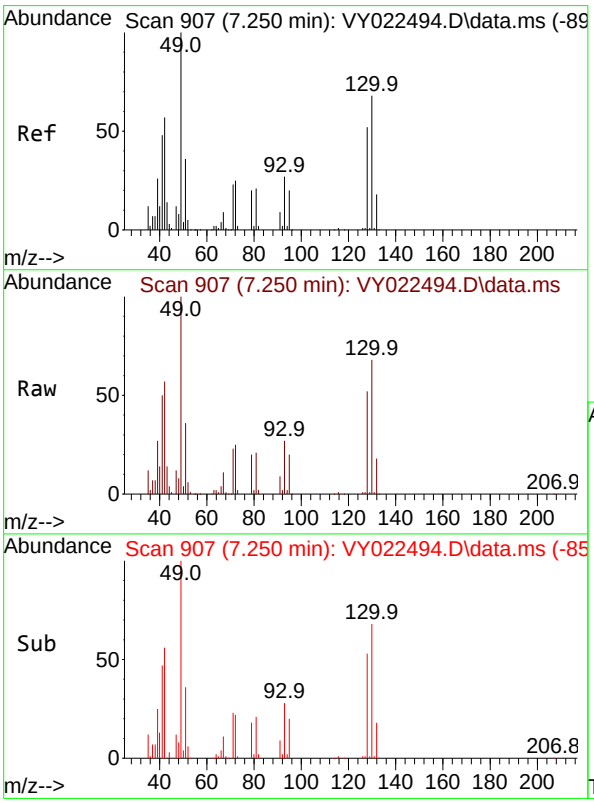
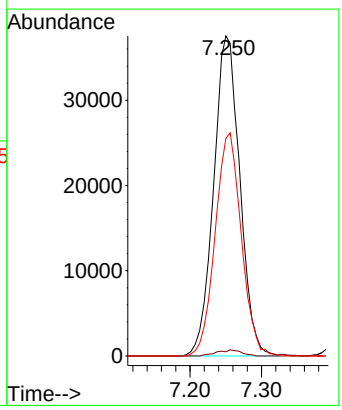
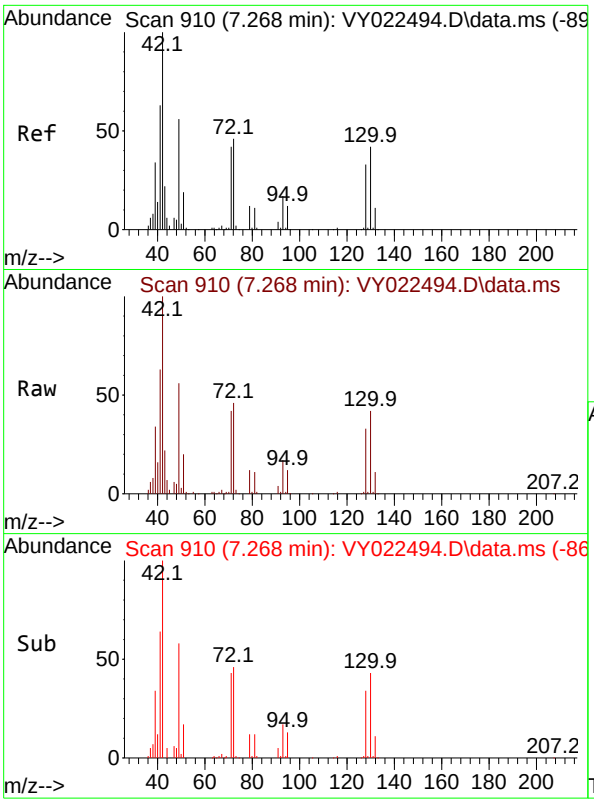


#28
Bromochloromethane
Concen: 50.015 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 49 Resp: 95397

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.6	55.7	83.5

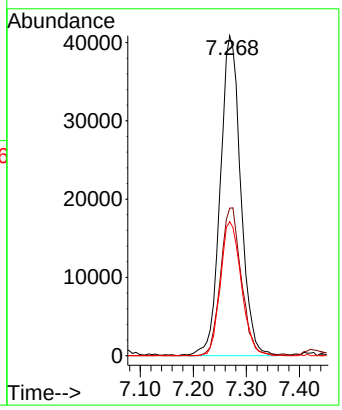




#29
Tetrahydrofuran
Concen: 255.247 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 42 Resp: 10969

Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.4	56.2
71	42.7	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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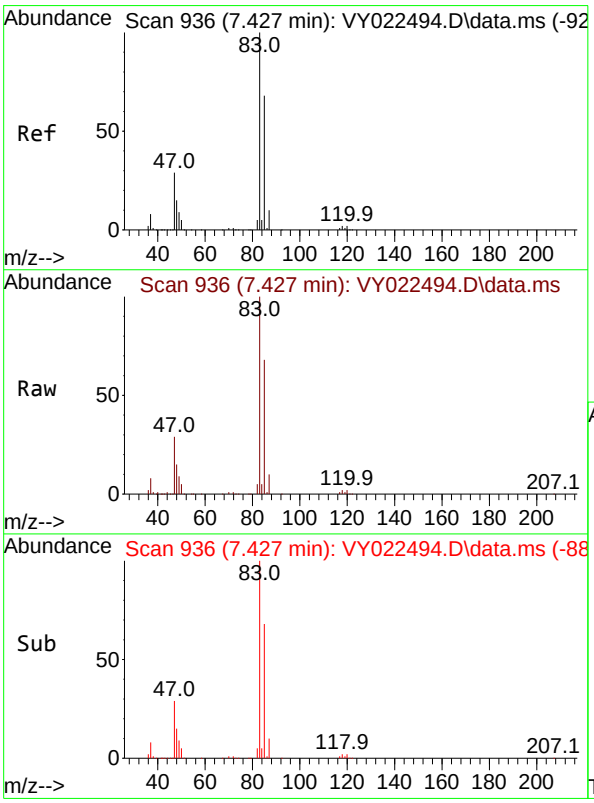
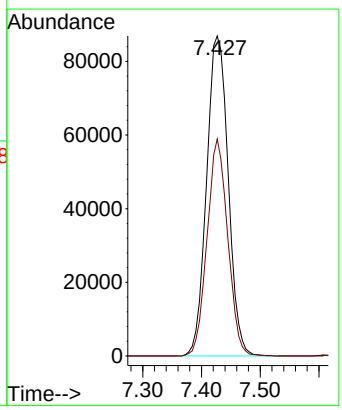
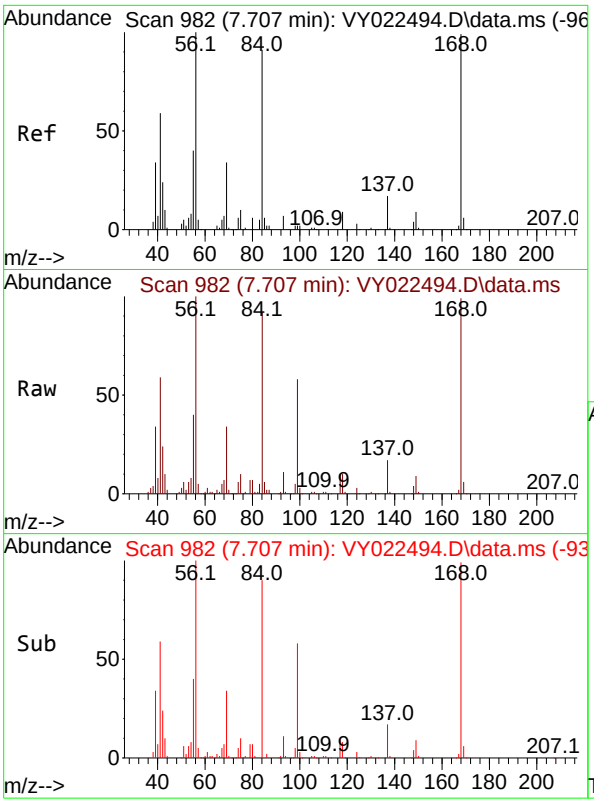


#30
Chloroform
Concen: 50.944 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 83 Resp: 222226

Ion	Ratio	Lower	Upper
83	100		
85	67.8	54.2	81.4

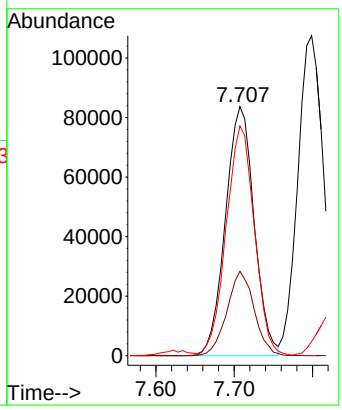




#31
Cyclohexane
Concen: 47.951 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 56 Resp: 21303

Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.0	40.6
84	90.8	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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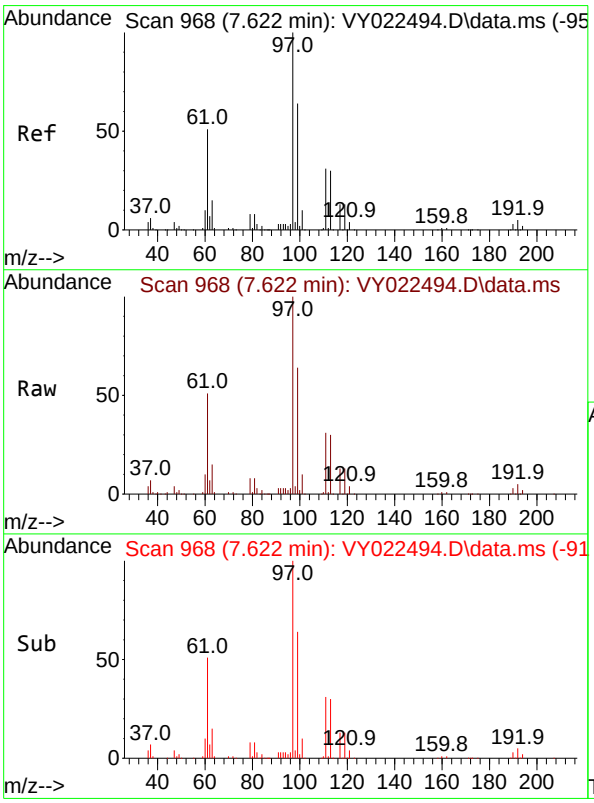
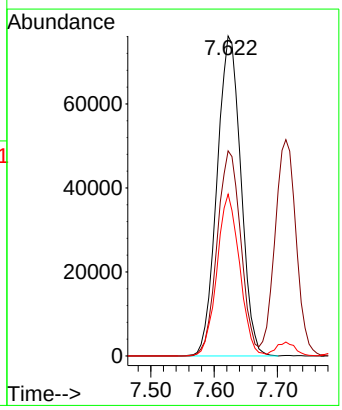
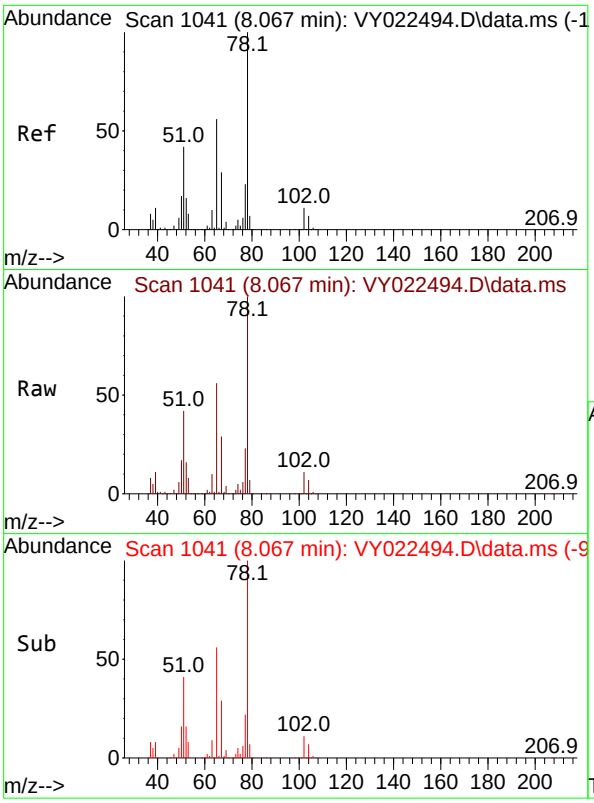


#32
1,1,1-Trichloroethane
Concen: 51.074 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 97 Resp: 199103

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	48.1	38.5	57.7

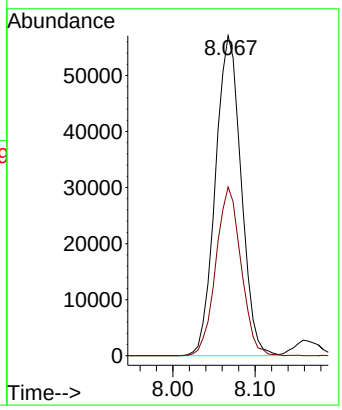




#33
1,2-Dichloroethane-d4
Concen: 54.320 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 65 Resp: 12409

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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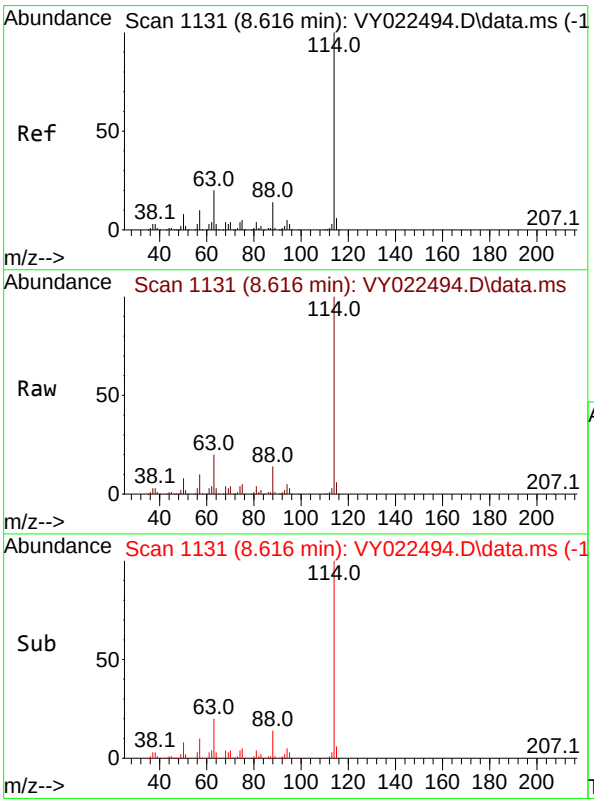
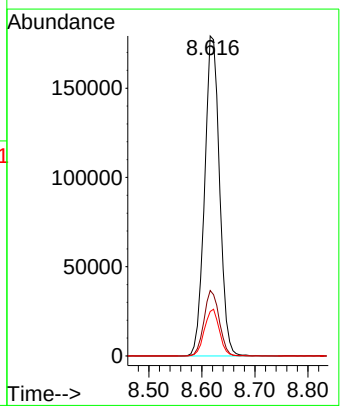
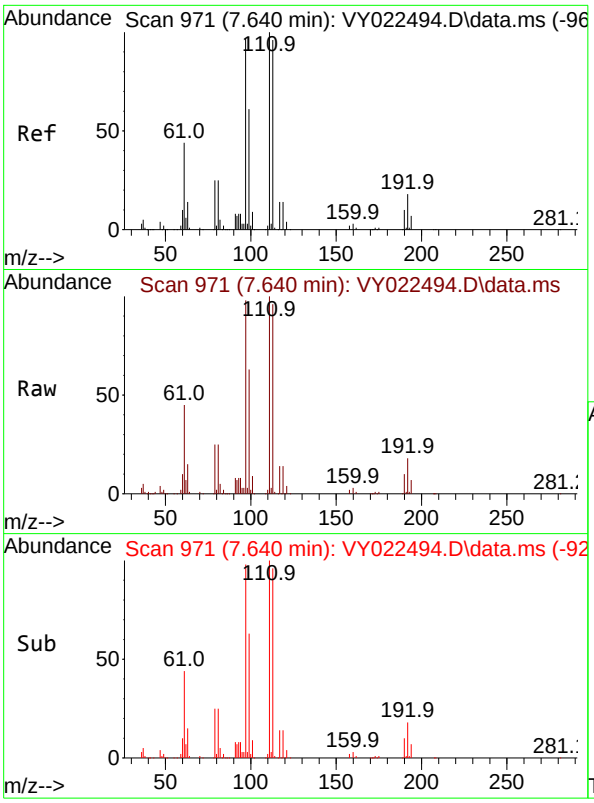


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:114 Resp: 350947

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	13.9	0.0	27.8

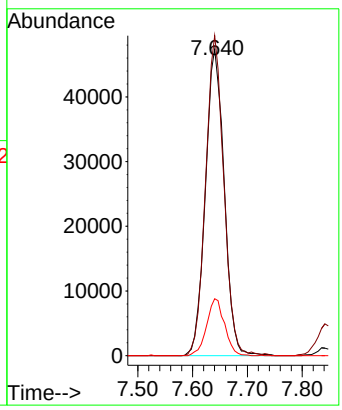




#35
Dibromofluoromethane
Concen: 54.514 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:113 Resp: 11262

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	17.7	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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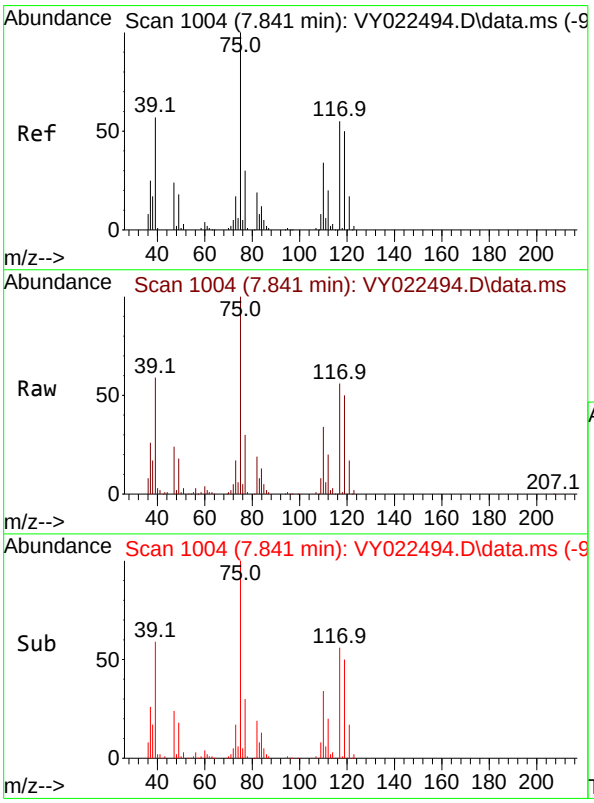
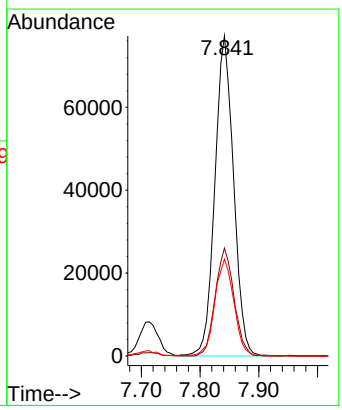
Supervised By :Mahesh Dadoda 06/03/2025

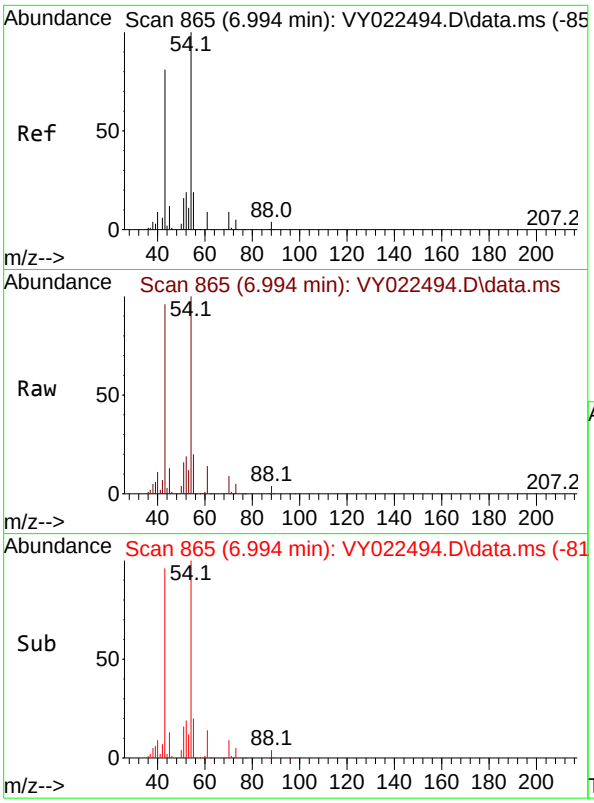


#36
1,1-Dichloropropene
Concen: 51.116 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 170708

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.7
77	31.0	24.8	37.2

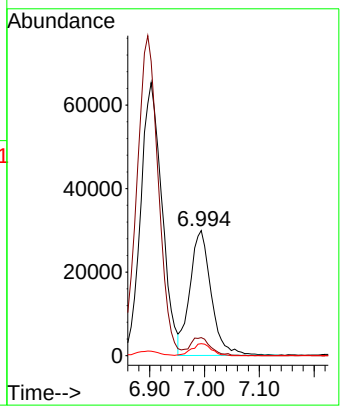




#37
Ethyl Acetate
Concen: 54.721 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 8042

Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	9.0	7.2	10.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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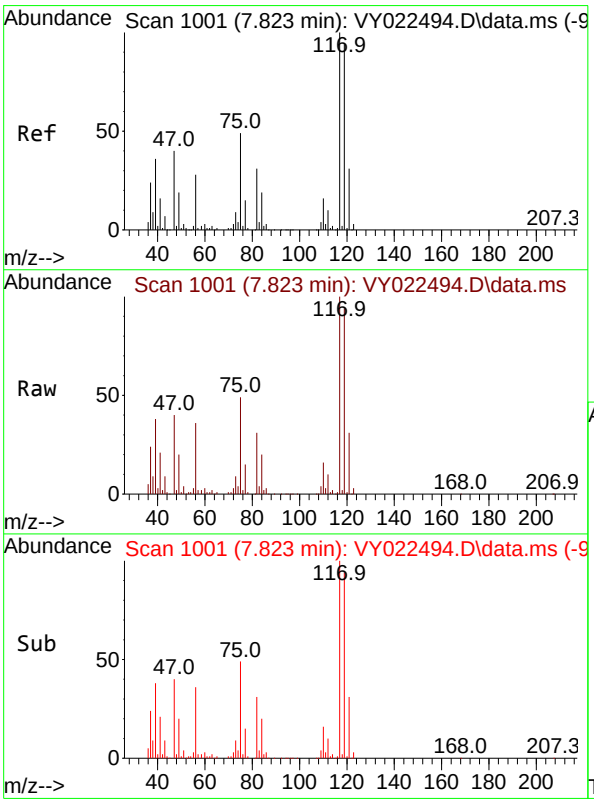
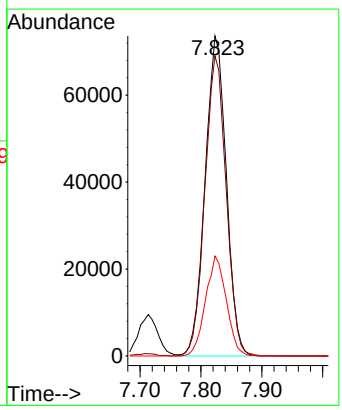
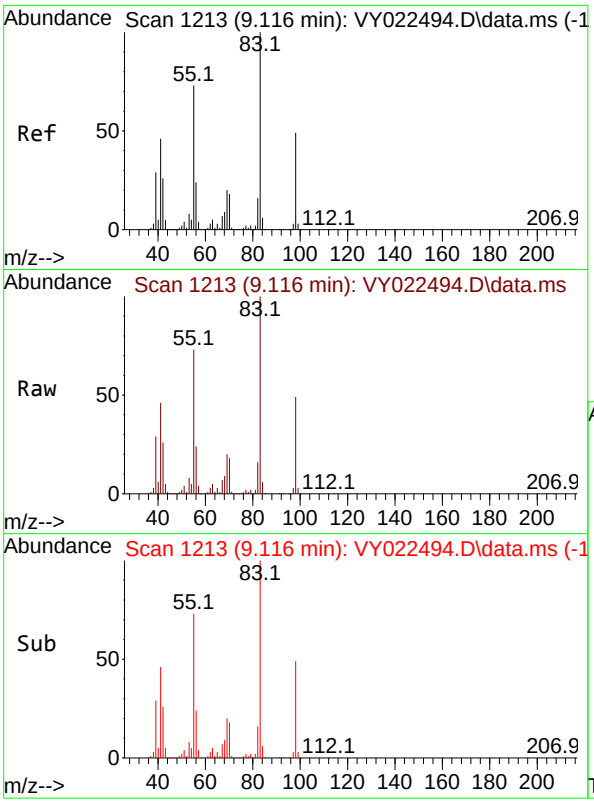


#38
Carbon Tetrachloride
Concen: 51.787 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:117 Resp: 178292

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	31.2	25.0	37.4

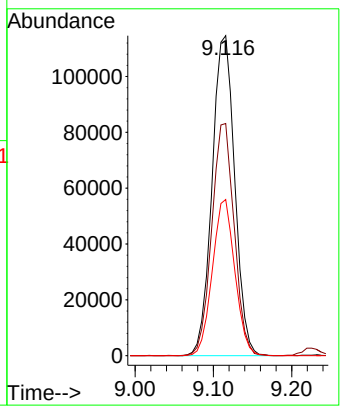




#39
Methylcyclohexane
Concen: 51.100 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 83 Resp: 23053

Ion	Ratio	Lower	Upper
83	100		
55	72.6	58.1	87.1
98	48.8	39.0	58.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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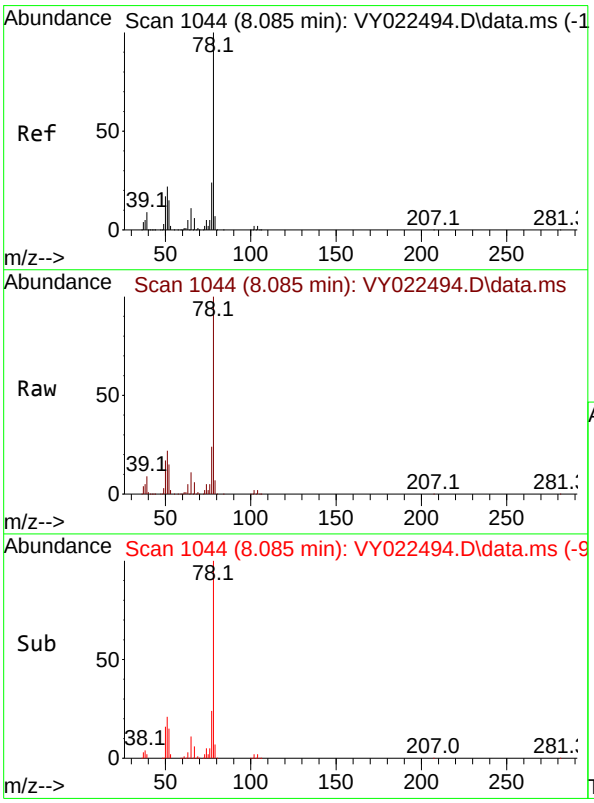
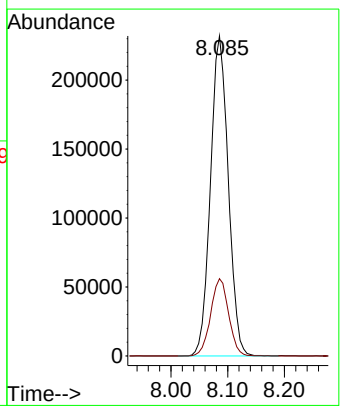
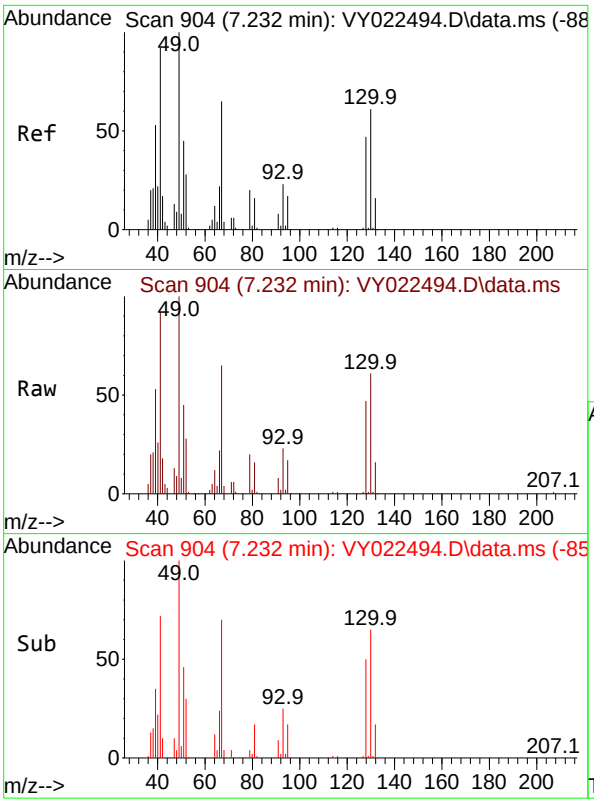


#40
Benzene
Concen: 51.376 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 78 Resp: 505749

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9

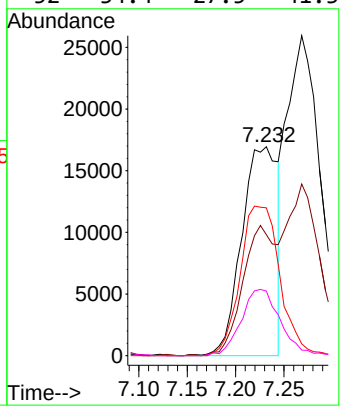




#41
Methacrylonitrile
Concen: 46.342 ug/l
RT: 7.232 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 4386

Ion	Ratio	Lower	Upper
41	100		
39	58.2	46.6	69.8
67	79.1	63.3	94.9
52	34.4	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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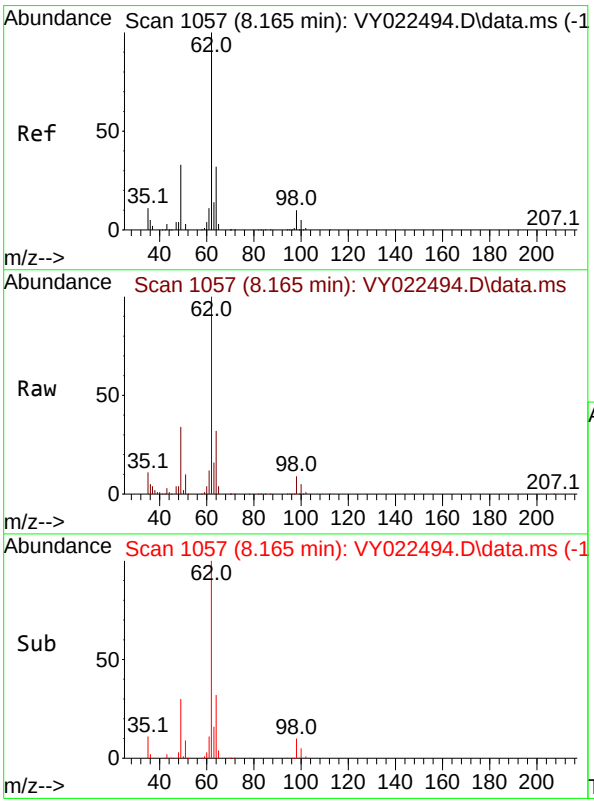
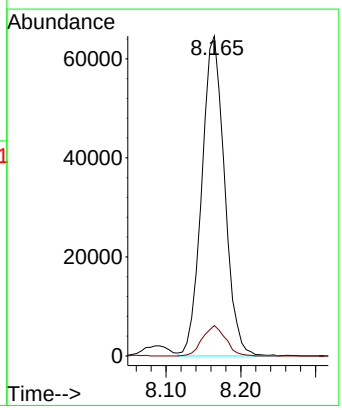
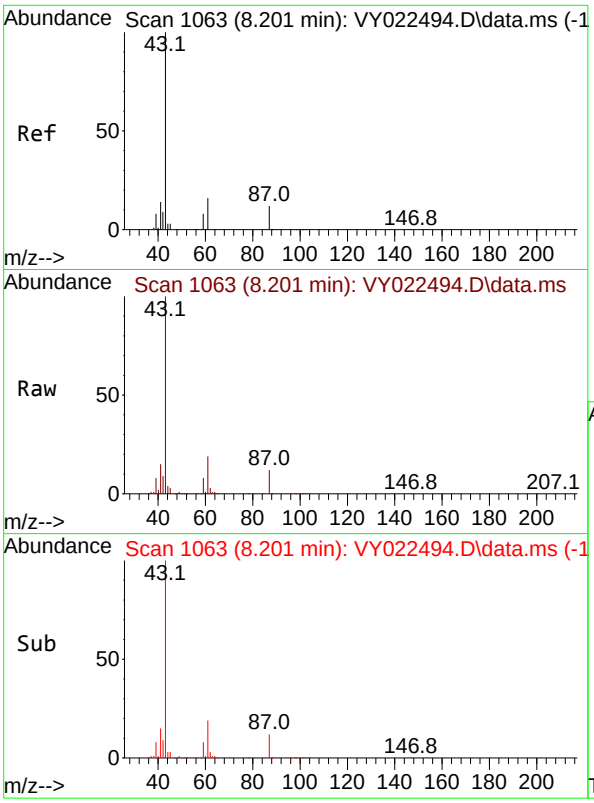


#42
1,2-Dichloroethane
Concen: 51.114 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 62 Resp: 136876

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43
Isopropyl Acetate
Concen: 52.237 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 16777

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	12.8	10.2	15.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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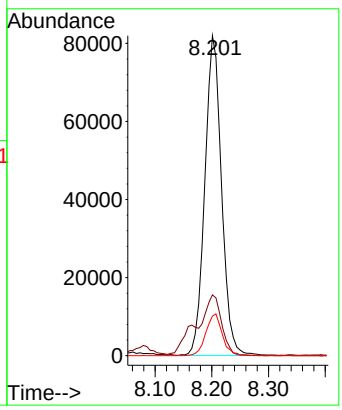
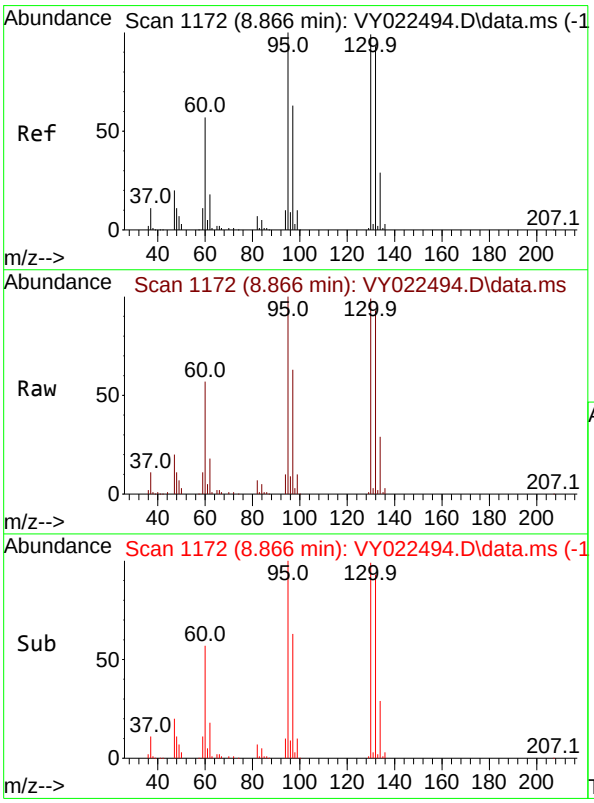
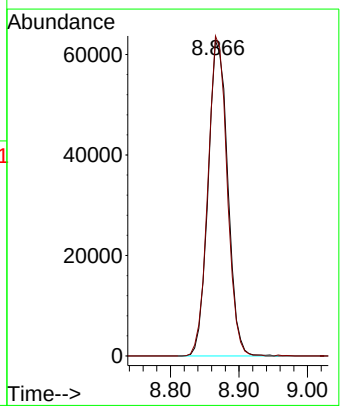


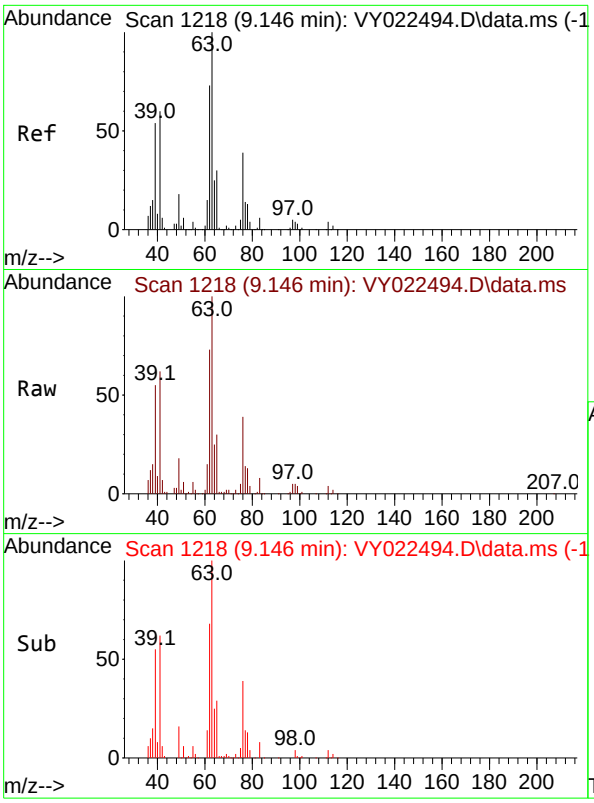


#44
Trichloroethene
Concen: 51.843 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:130 Resp: 124670

Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	203.0

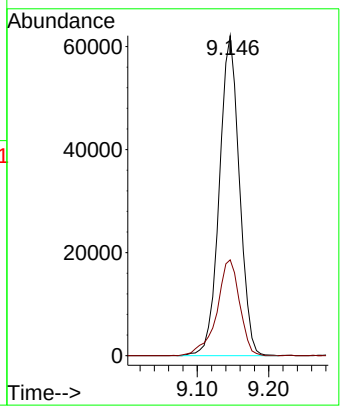




#45
1,2-Dichloropropane
Concen: 51.415 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 63 Resp: 12066

Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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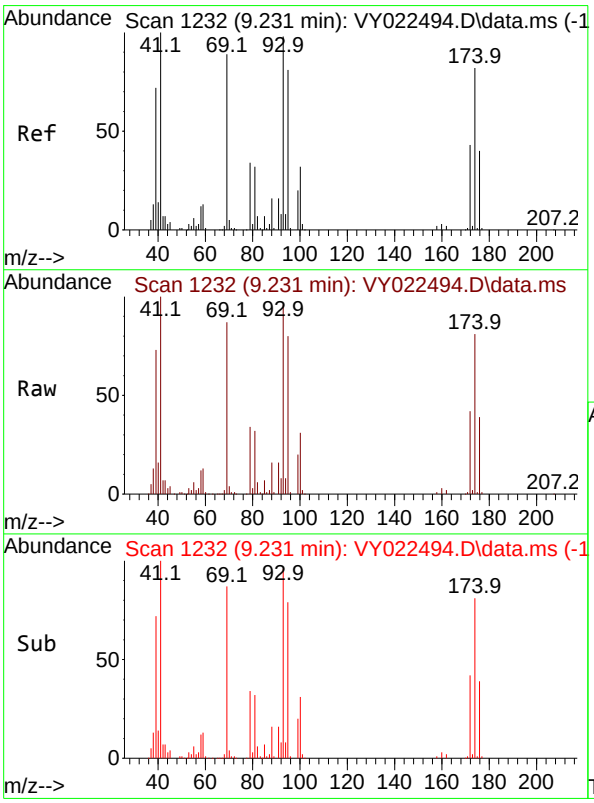
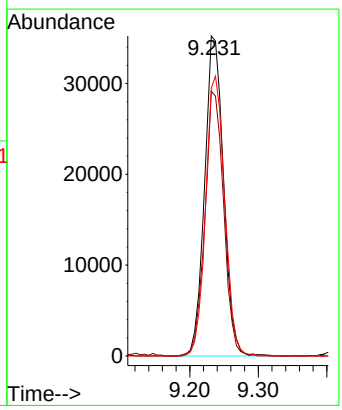
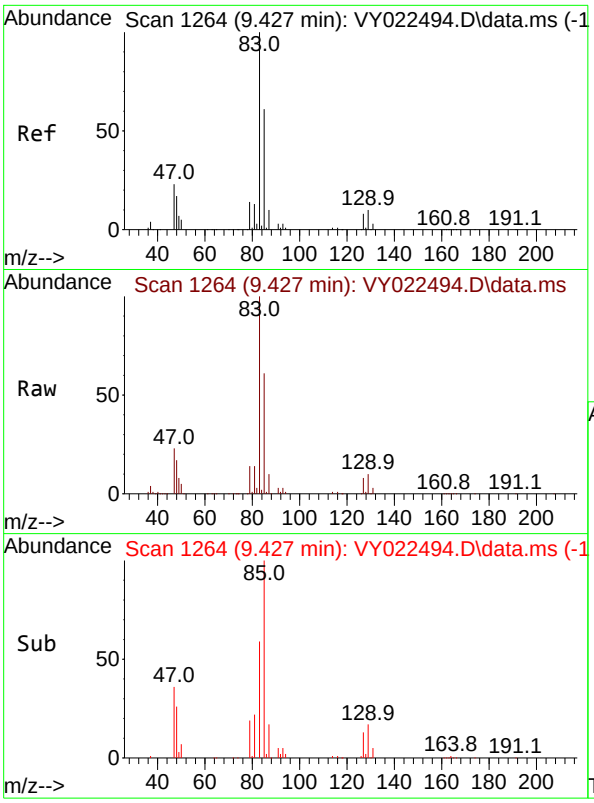


#46
Dibromomethane
Concen: 51.485 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 93 Resp: 67690

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.6	98.4
174	88.0	70.4	105.6

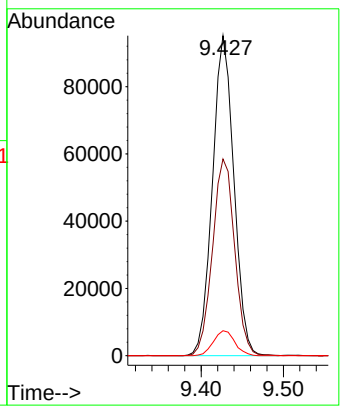




#47
Bromodichloromethane
Concen: 51.664 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 83 Resp: 17234

Ion	Ratio	Lower	Upper
83	100		
85	61.4	49.1	73.7
127	7.8	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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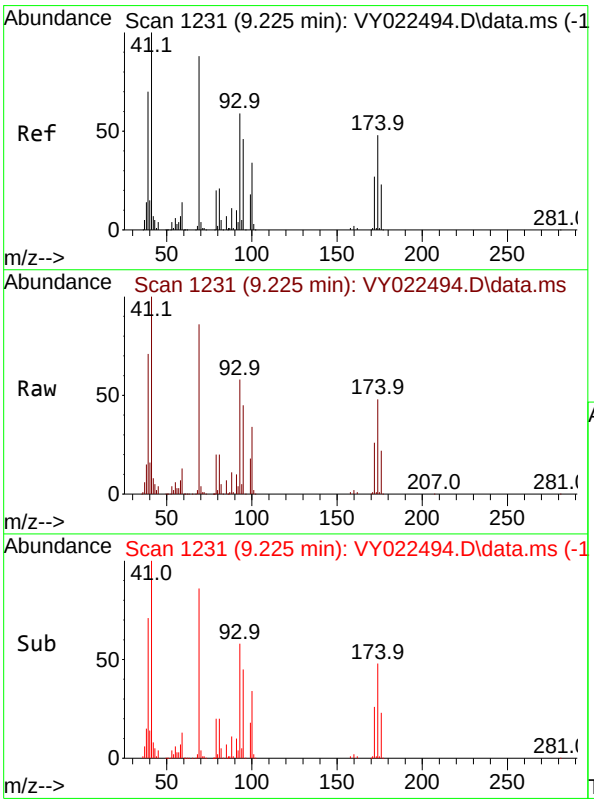
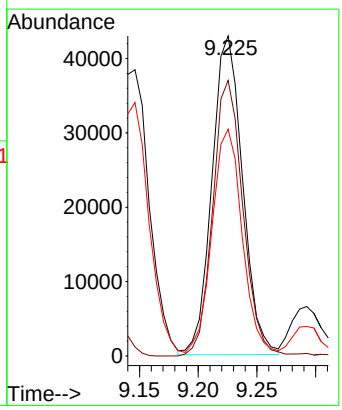
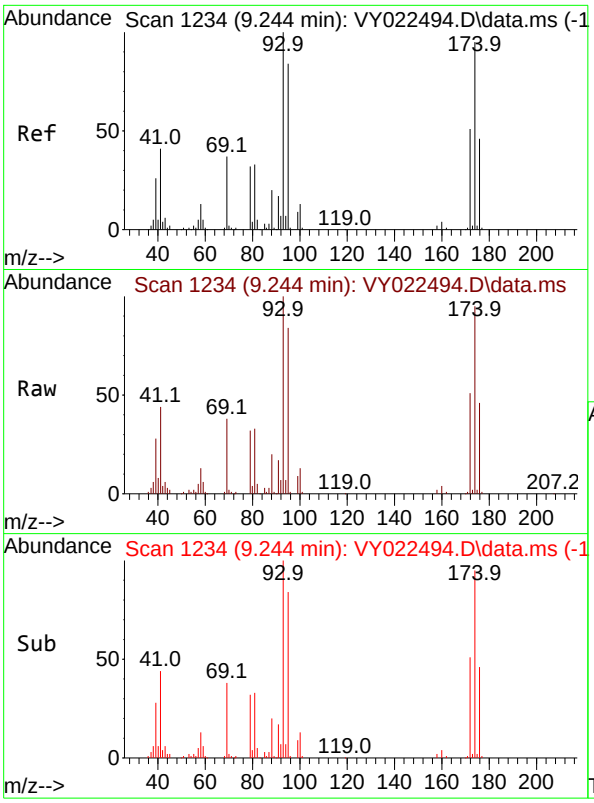


#48
Methyl methacrylate
Concen: 52.963 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 77885

Ion	Ratio	Lower	Upper
41	100		
69	84.8	67.8	101.8
39	68.7	55.0	82.4

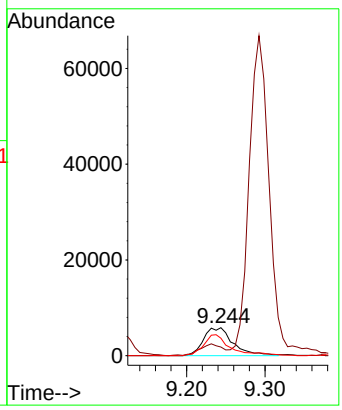




#49
1,4-Dioxane
Concen: 977.637 ug/l
RT: 9.244 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 88 Resp: 1533

Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.4	38.2
58	68.6	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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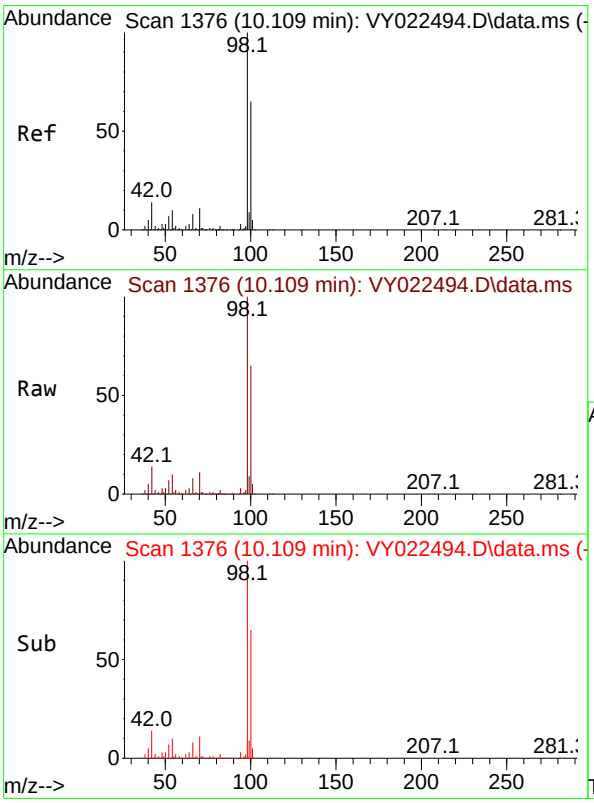
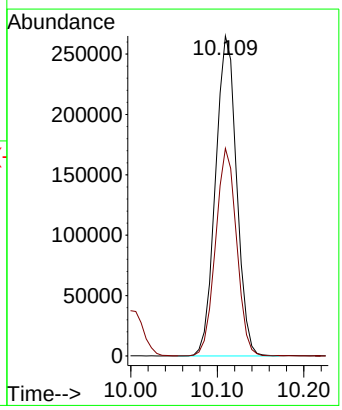
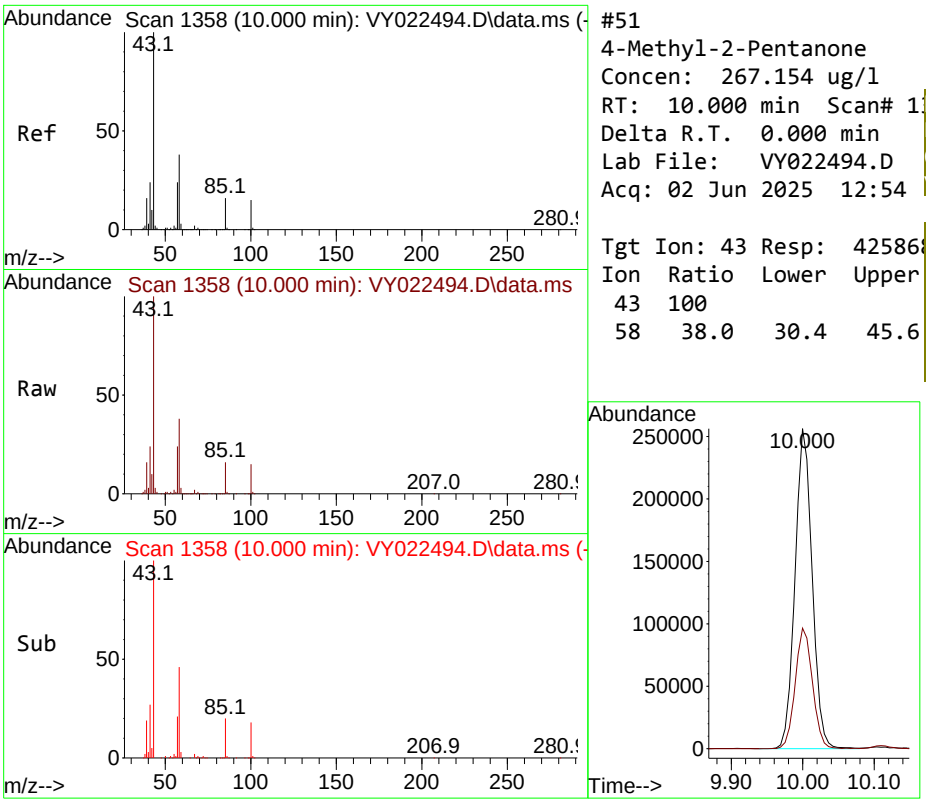


#50
Toluene-d8
Concen: 53.734 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 98 Resp: 448690

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 267.154 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 42586

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.4	45.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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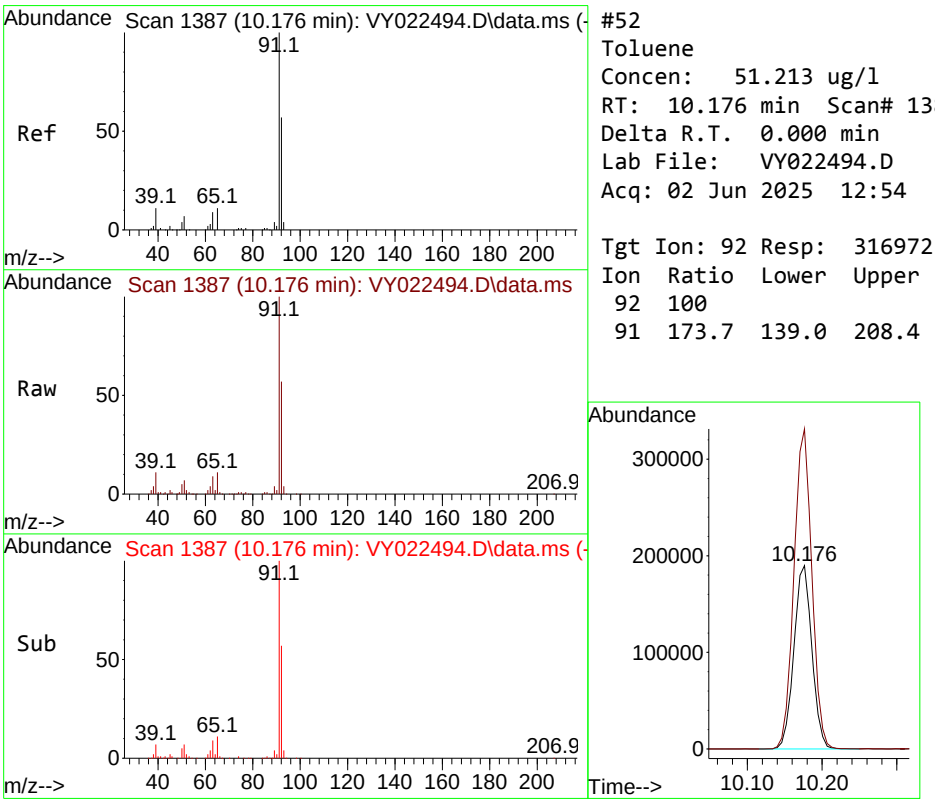
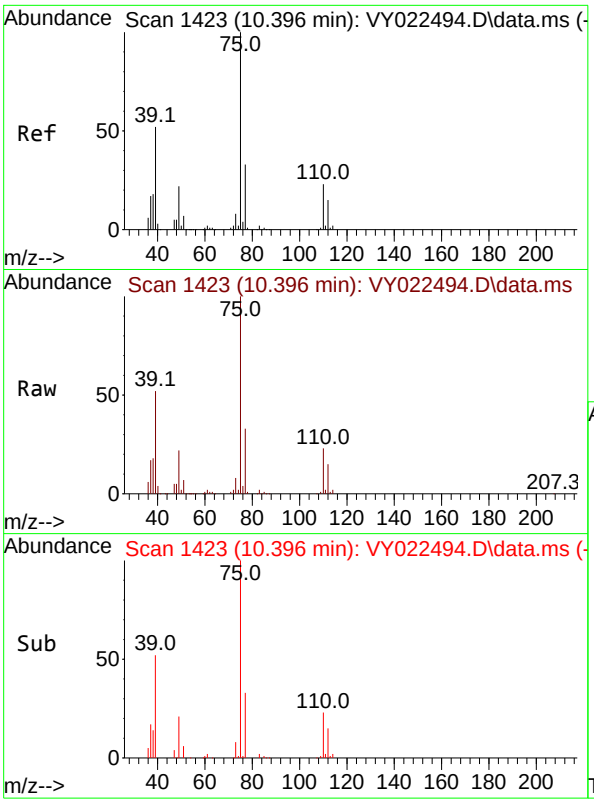


#52
Toluene
Concen: 51.213 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 92 Resp: 316972

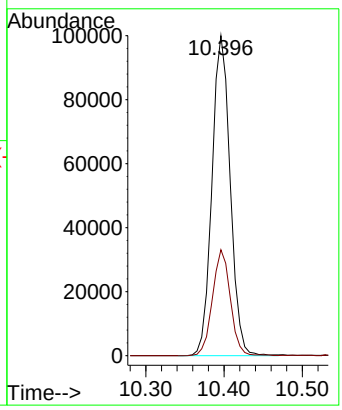
Ion	Ratio	Lower	Upper
92	100		
91	173.7	139.0	208.4



#53
t-1,3-Dichloropropene
Concen: 52.450 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 16185

Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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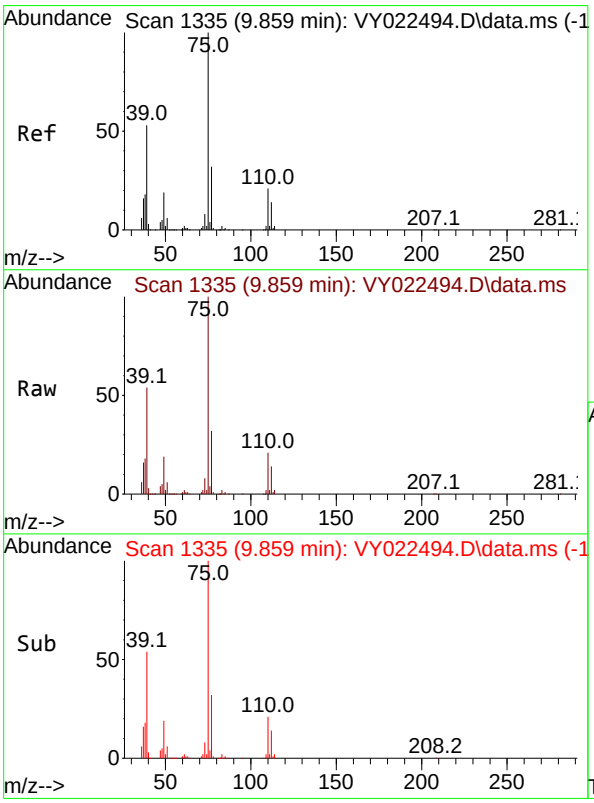
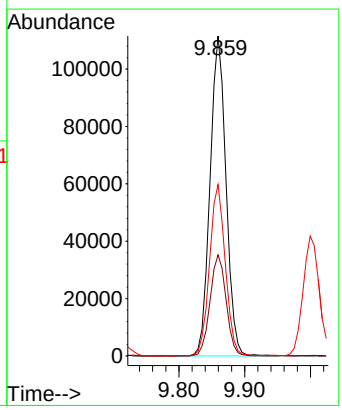
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

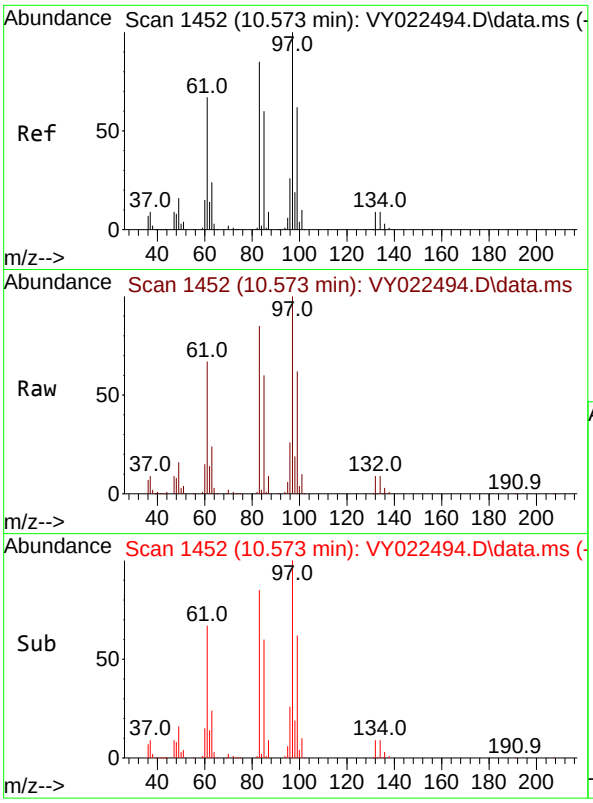


#54
cis-1,3-Dichloropropene
Concen: 52.108 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 188559

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	53.4	42.7	64.1

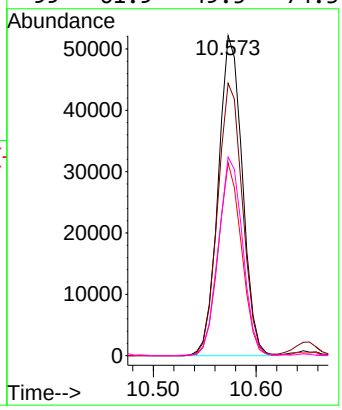




#55
1,1,2-Trichloroethane
Concen: 51.209 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 97 Resp: 8478

Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	60.2	48.2	72.2
99	61.9	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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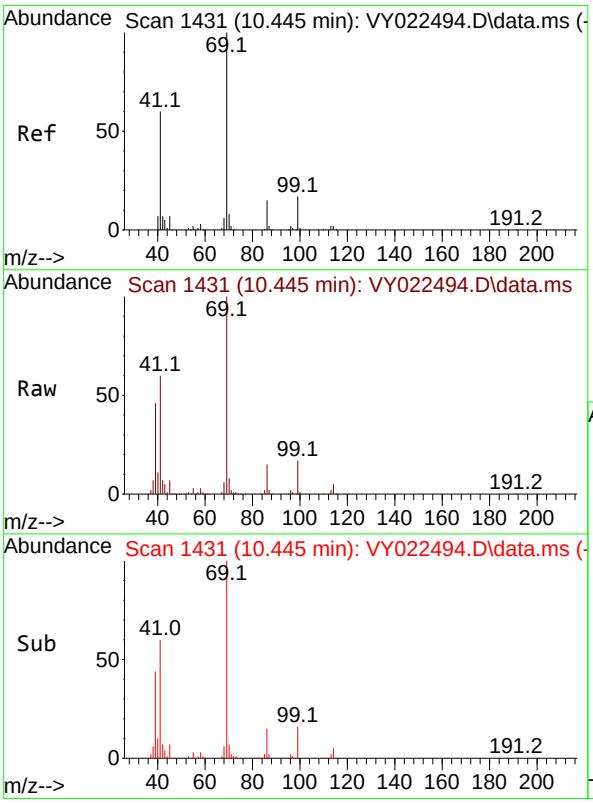
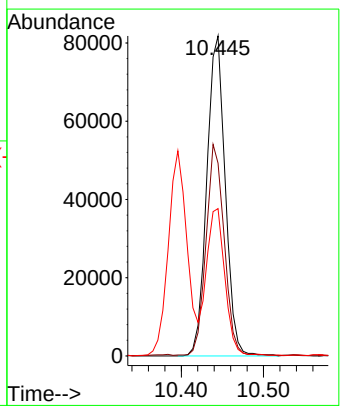
Supervised By :Mahesh Dadoda 06/03/2025

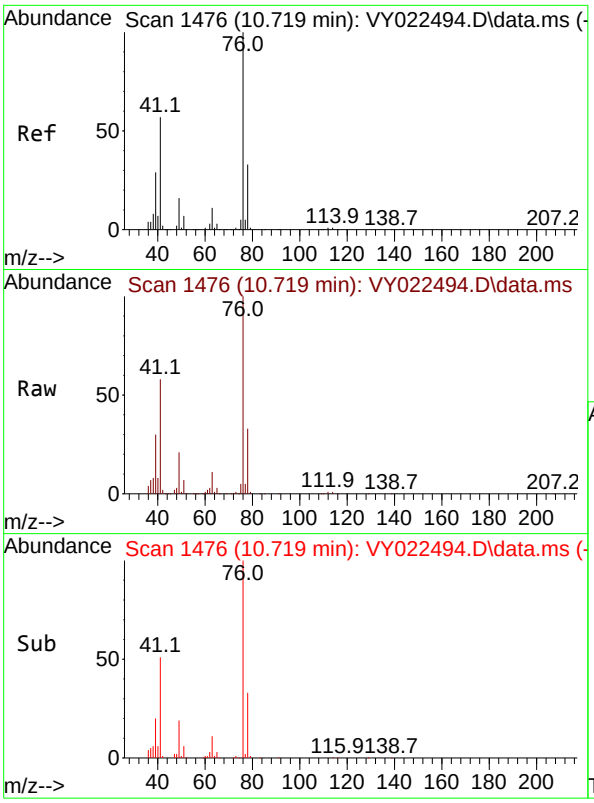


#56
Ethyl methacrylate
Concen: 52.930 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 69 Resp: 127271

Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.2	78.2
39	45.9	36.7	55.1

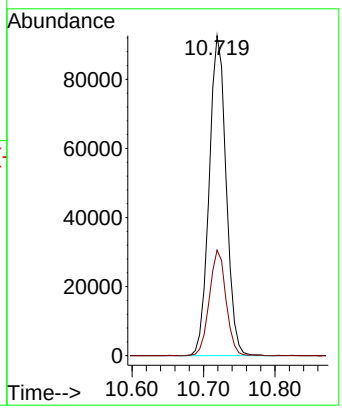




#57
1,3-Dichloropropane
Concen: 51.821 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 76 Resp: 15280

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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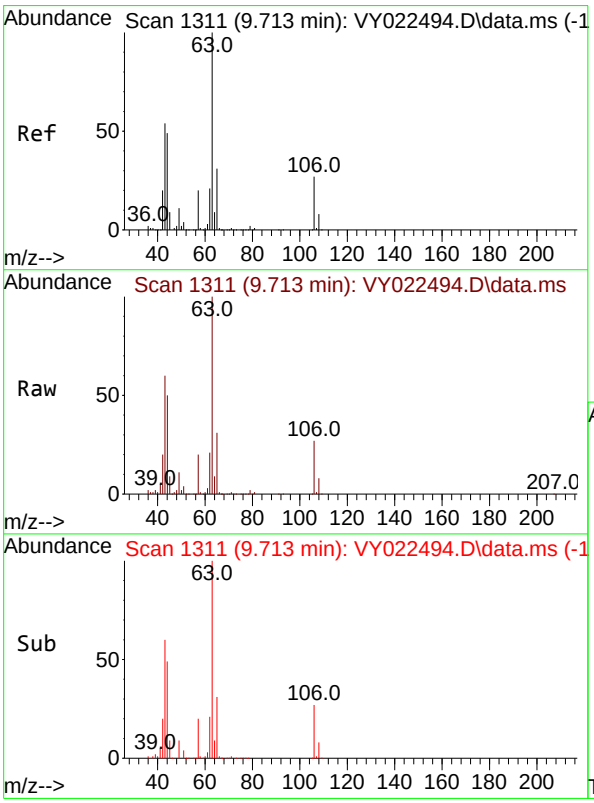
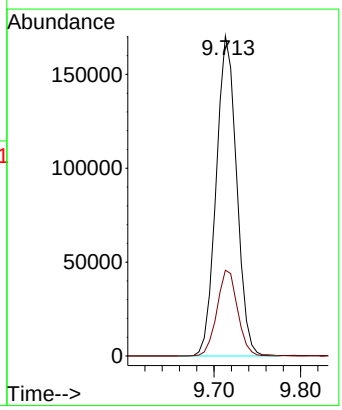
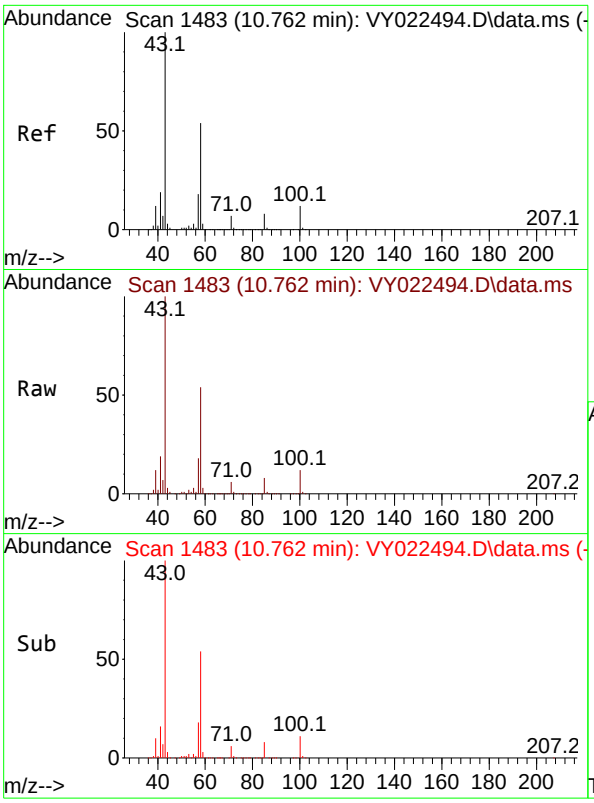


#58
2-Chloroethyl Vinyl ether
Concen: 260.896 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 63 Resp: 279669

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.6	32.4





#59
2-Hexanone
Concen: 266.885 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 28360

Ion	Ratio	Lower	Upper
43	100		
58	54.5	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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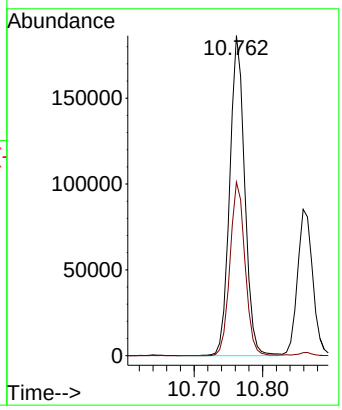
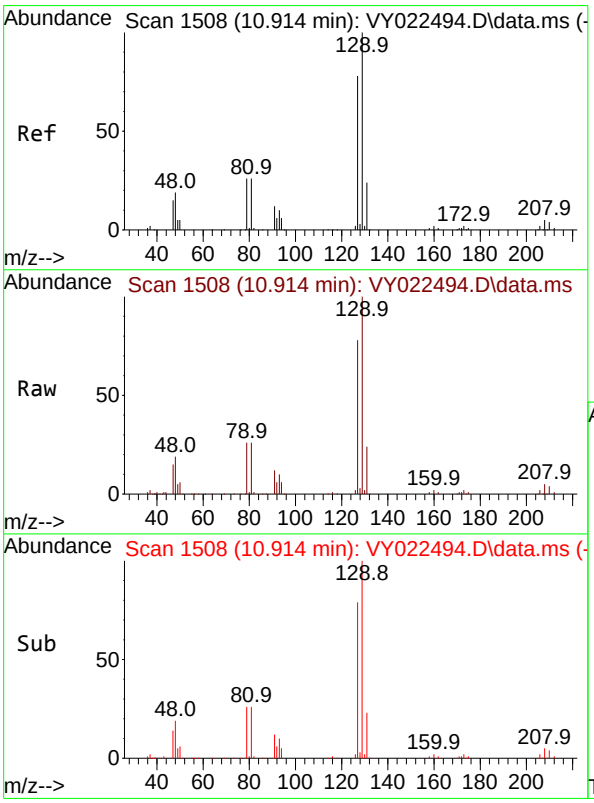
Supervised By :Mahesh Dadoda 06/03/2025

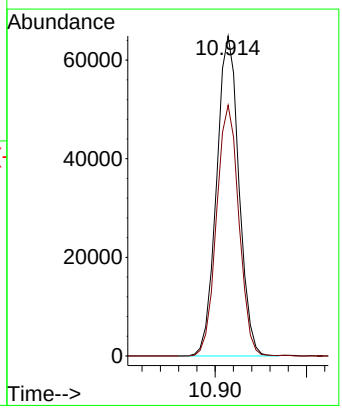


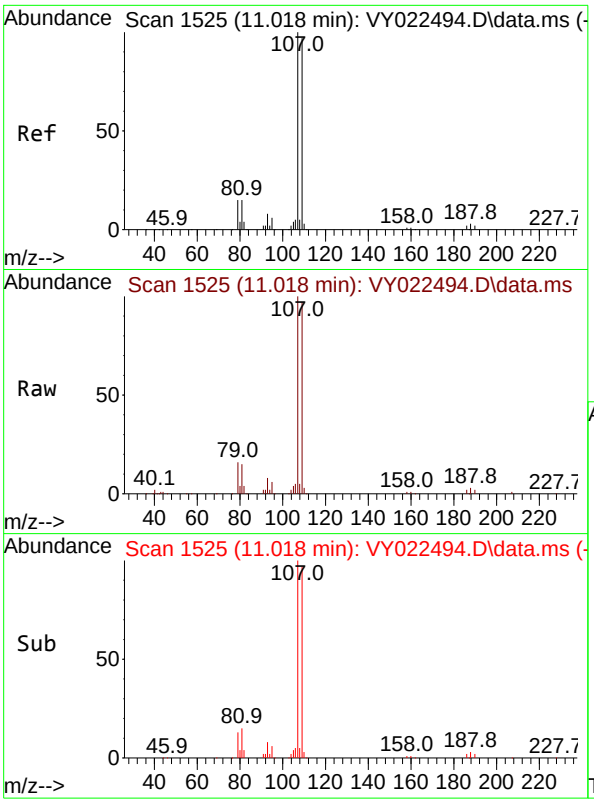


#60
Dibromochloromethane
Concen: 52.582 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:129 Resp: 110314

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.2

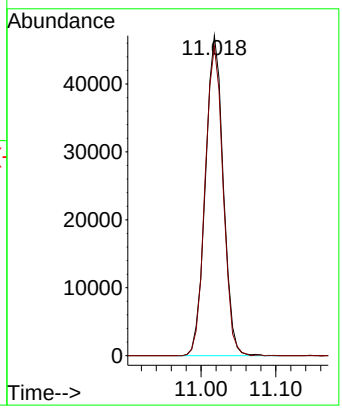




#61
1,2-Dibromoethane
Concen: 51.150 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:107 Resp: 7815

Ion	Ratio	Lower	Upper
107	100		
109	97.1	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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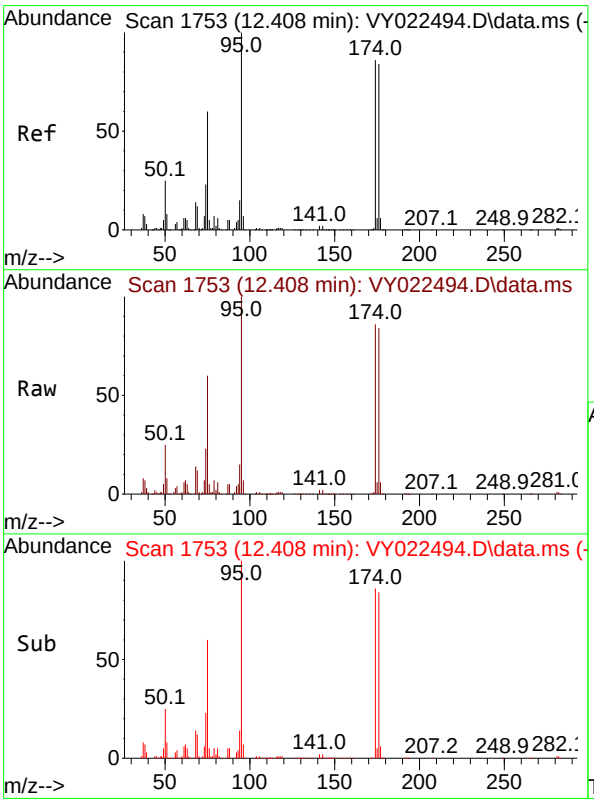
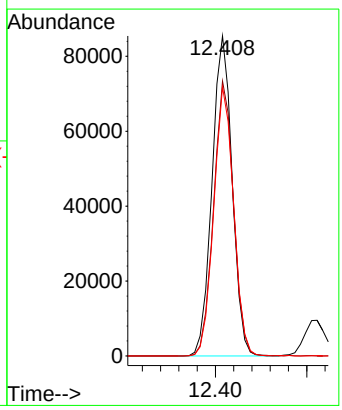
Supervised By :Mahesh Dadoda 06/03/2025

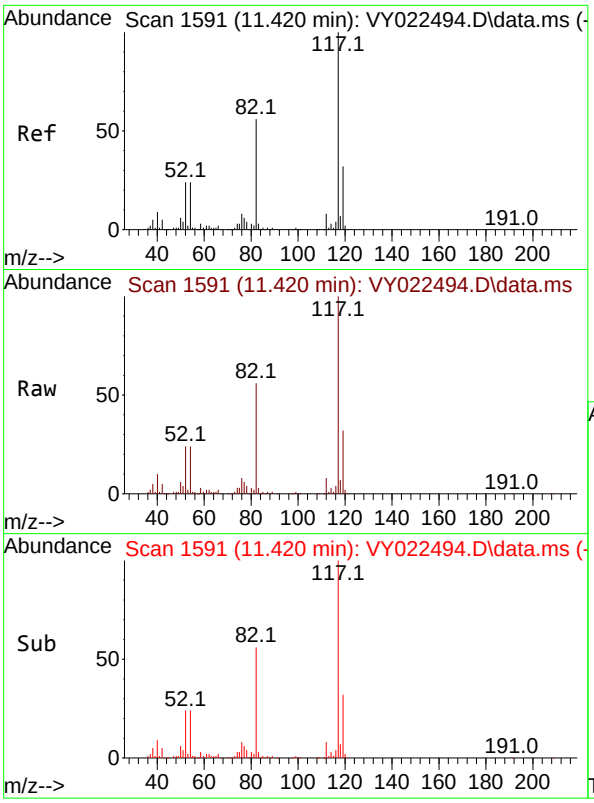


#62
4-Bromofluorobenzene
Concen: 51.503 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 95 Resp: 130393

Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	170.0
176	83.1	0.0	166.2

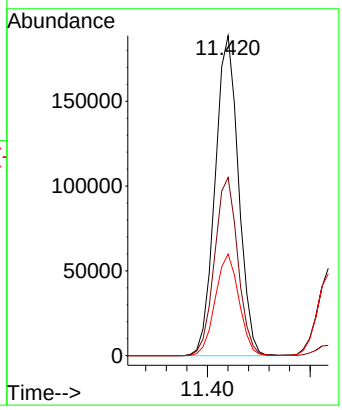




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:117 Resp: 29818

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	31.7	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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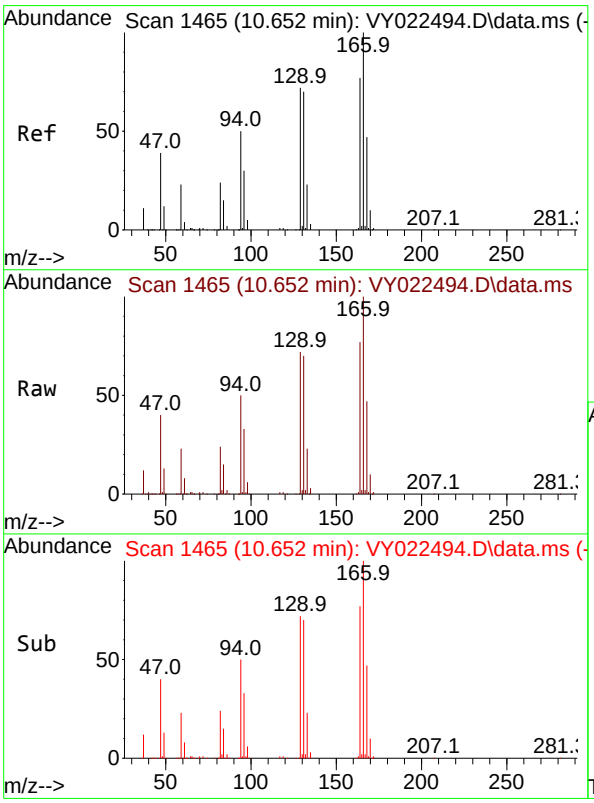
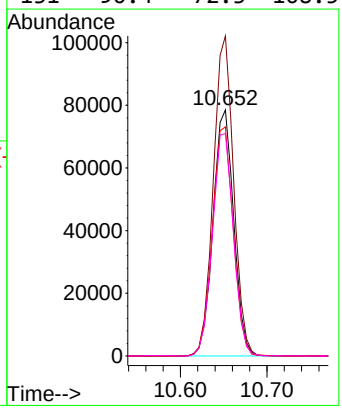
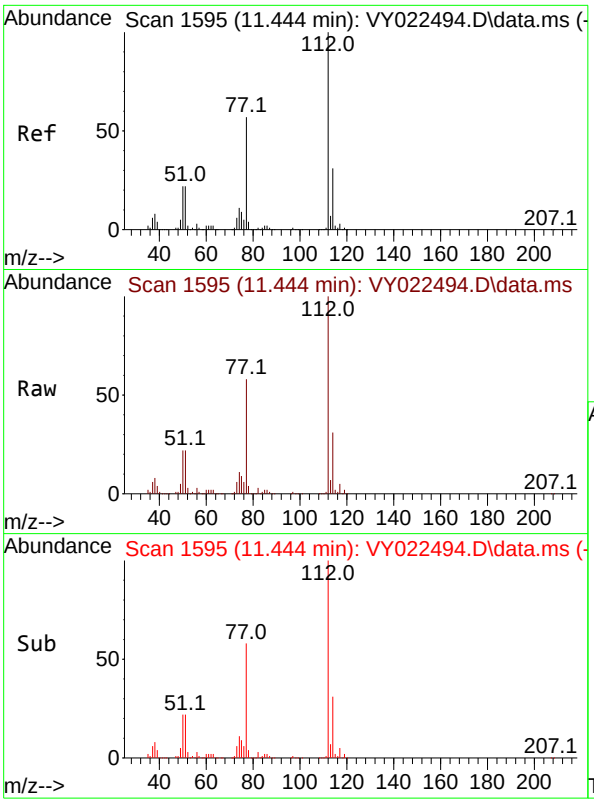


#64
Tetrachloroethene
Concen: 51.367 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:164 Resp: 130171

Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.0	156.0
129	93.1	74.5	111.7
131	90.4	72.3	108.5

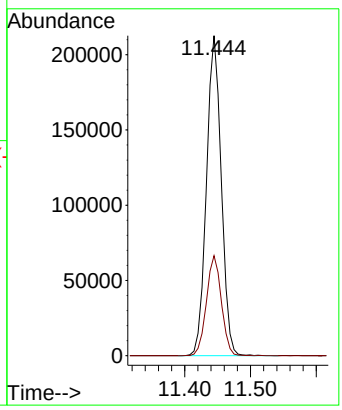




#65
Chlorobenzene
Concen: 51.447 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:112 Resp: 33264

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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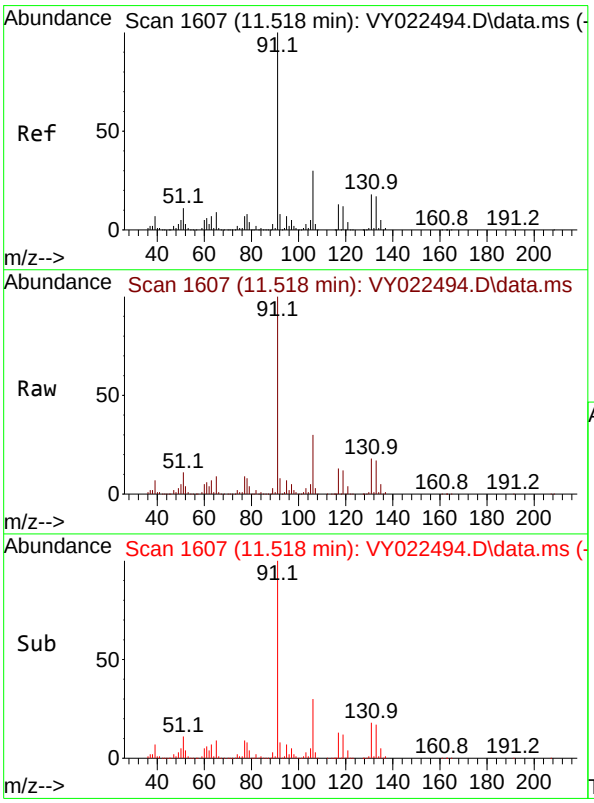
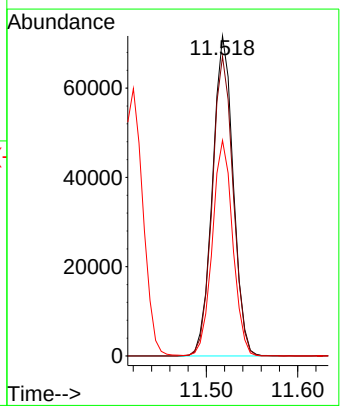
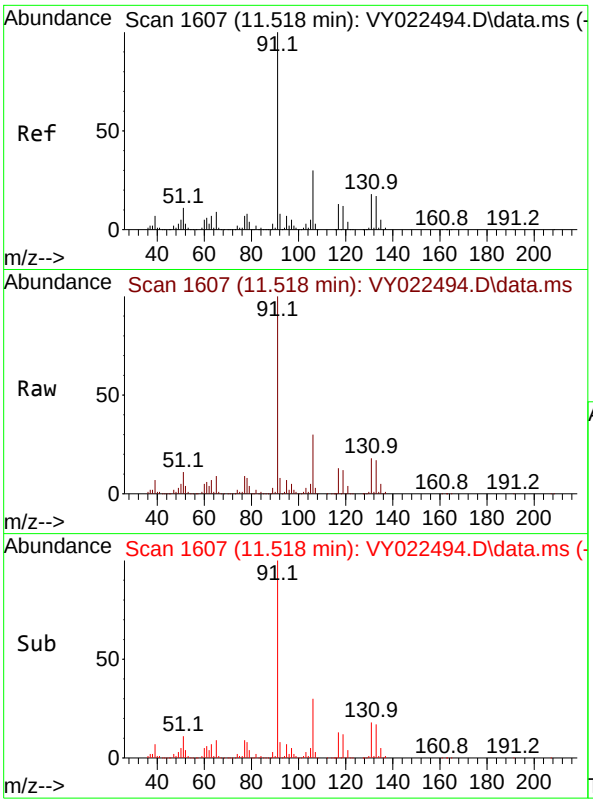


#66
1,1,1,2-Tetrachloroethane
Concen: 51.526 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:131 Resp: 112934

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	66.2	33.1	99.3





#67
Ethyl Benzene
Concen: 51.577 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 62103

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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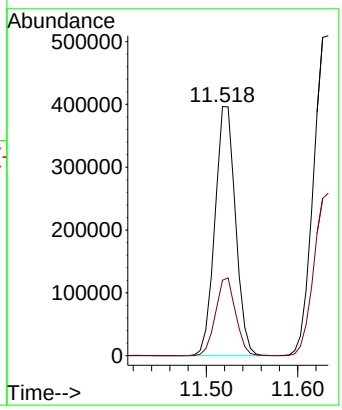
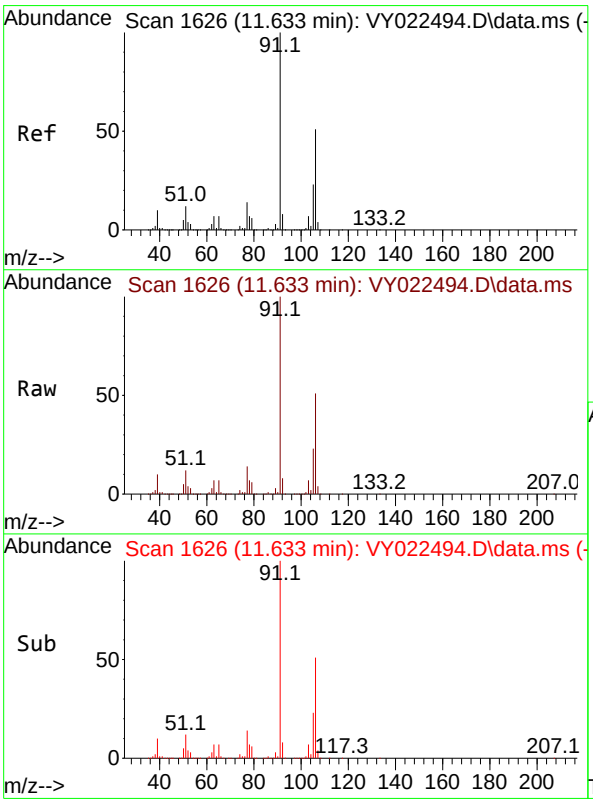
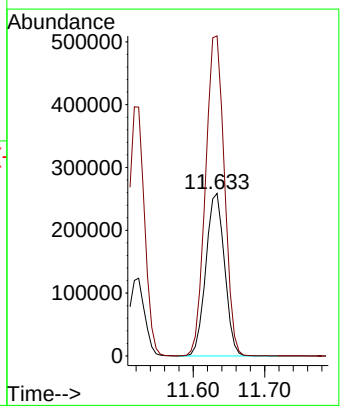


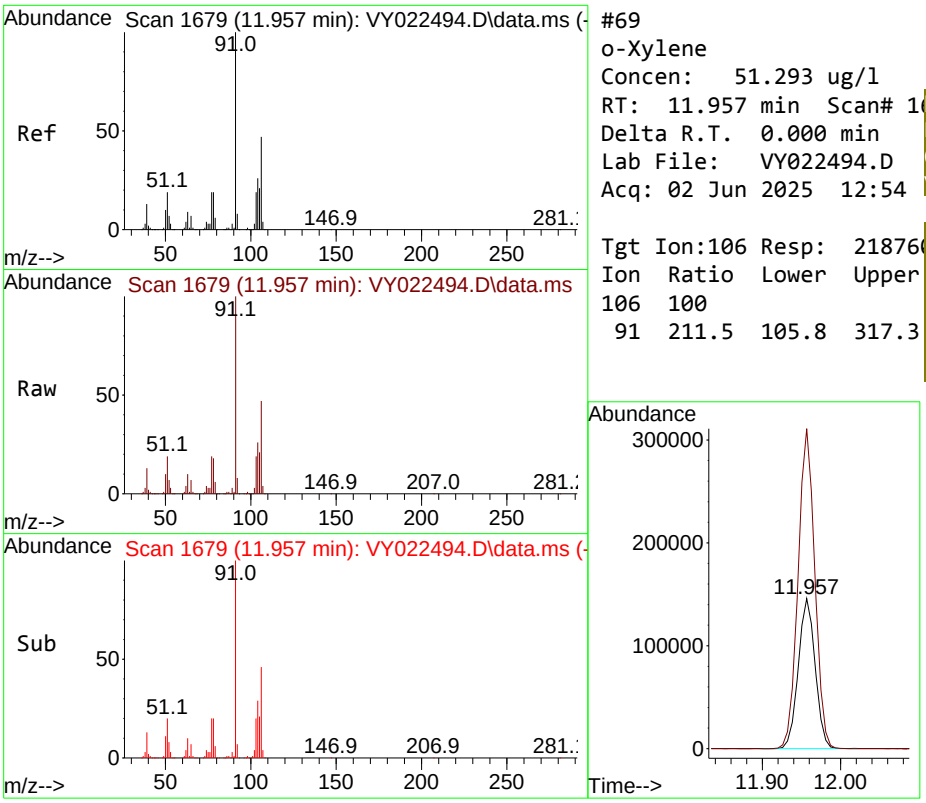


#68
m/p-Xylenes
Concen: 102.795 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:106 Resp: 468441

Ion	Ratio	Lower	Upper
106	100		
91	199.2	159.4	239.0





#69
o-Xylene
Concen: 51.293 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:106 Resp: 21876

Ion	Ratio	Lower	Upper
106	100		
91	211.5	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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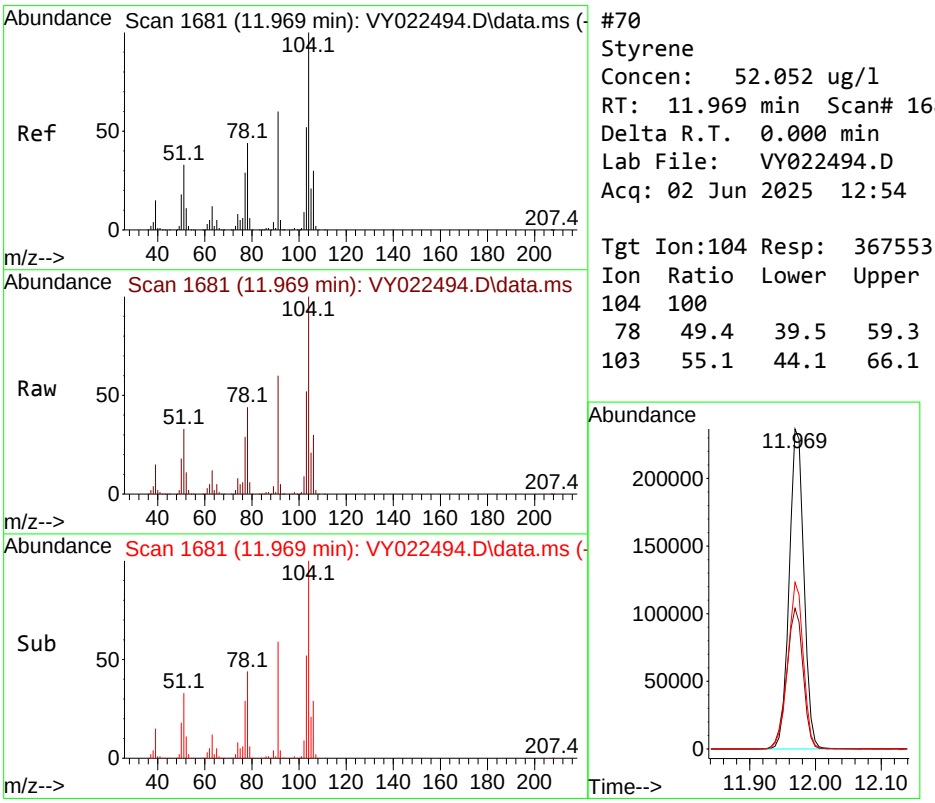
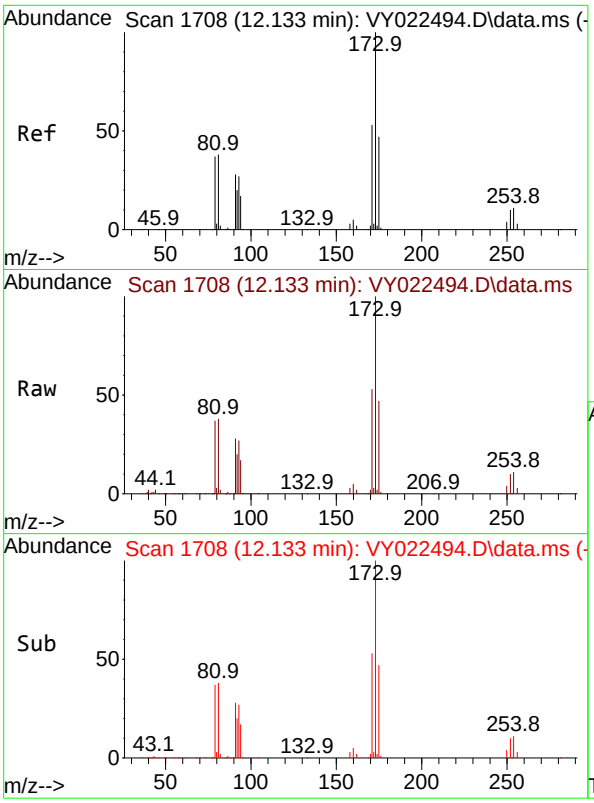


#70
Styrene
Concen: 52.052 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:104 Resp: 367553

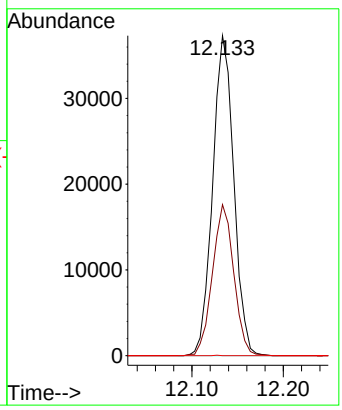
Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.5	59.3
103	55.1	44.1	66.1



#71
Bromoform
Concen: 51.996 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:173 Resp: 5988

Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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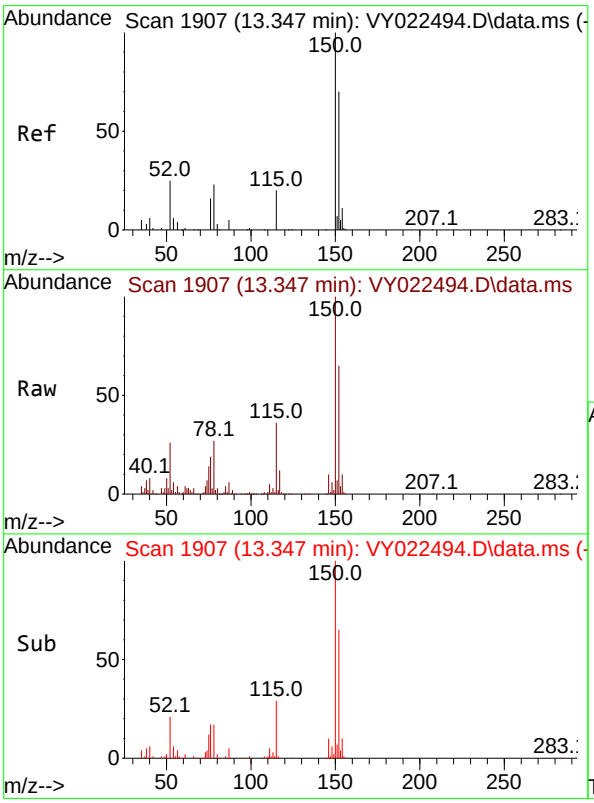
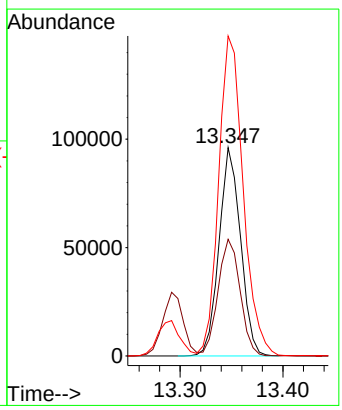
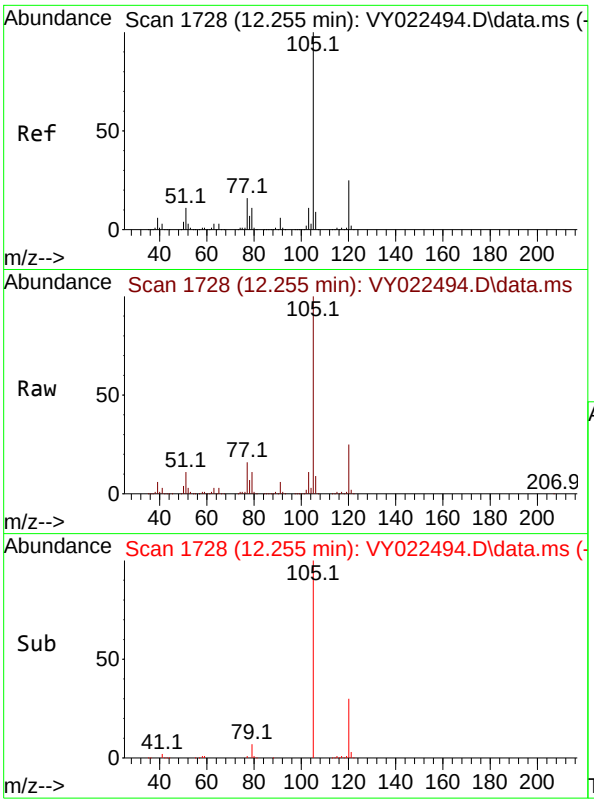


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:152 Resp: 139554

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.7
150	174.8	0.0	349.6

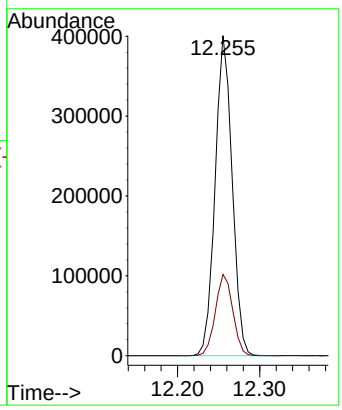




#73
Isopropylbenzene
Concen: 51.329 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 57713

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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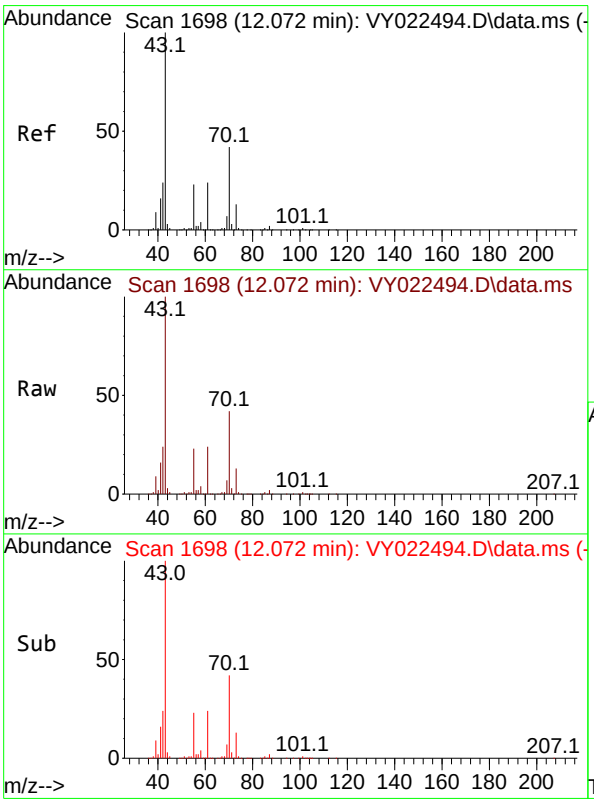
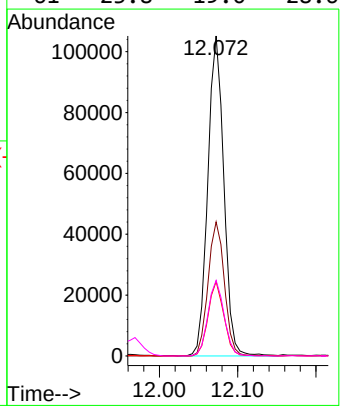
Supervised By :Mahesh Dadoda 06/03/2025

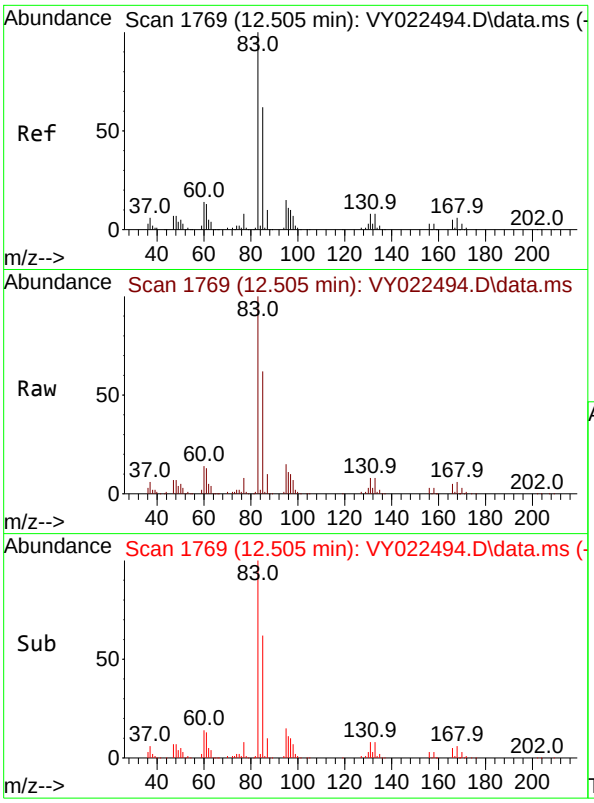


#74
N-amyl acetate
Concen: 52.627 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 149637

Ion	Ratio	Lower	Upper
43	100		
70	42.7	34.2	51.2
55	22.8	18.2	27.4
61	23.8	19.0	28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 52.145 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 83 Resp: 9521

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	65.2	32.6	97.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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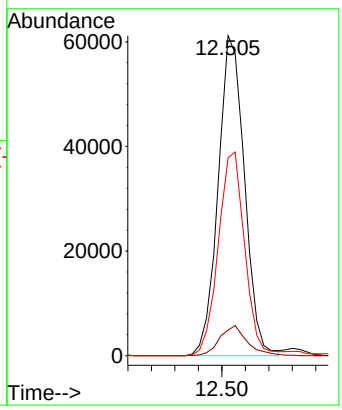
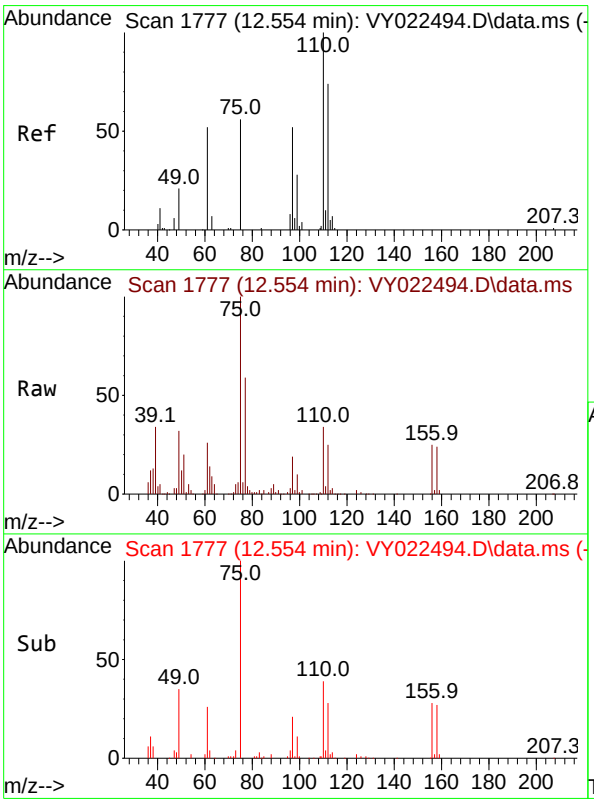
Supervised By :Mahesh Dadoda 06/03/2025

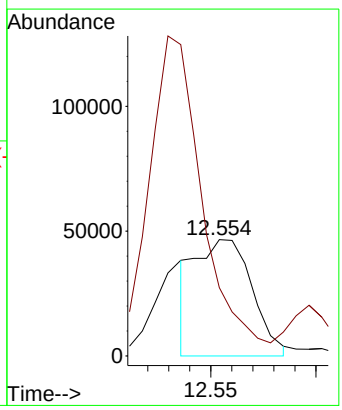


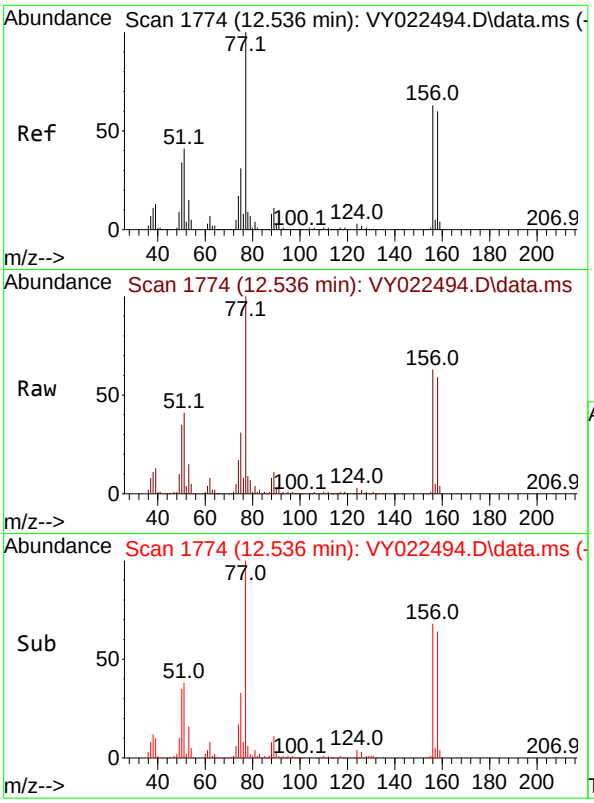


#76
1,2,3-Trichloropropane
Concen: 47.747 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 87965

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

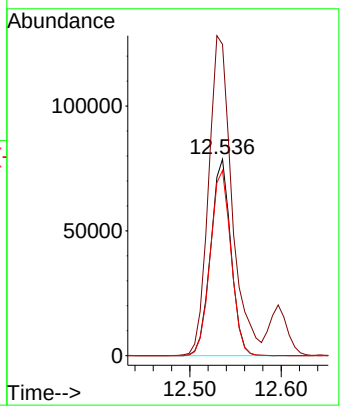




#77
Bromobenzene
Concen: 50.812 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:156 Resp: 12109

Ion	Ratio	Lower	Upper
156	100		
77	188.1	94.0	282.1
158	96.4	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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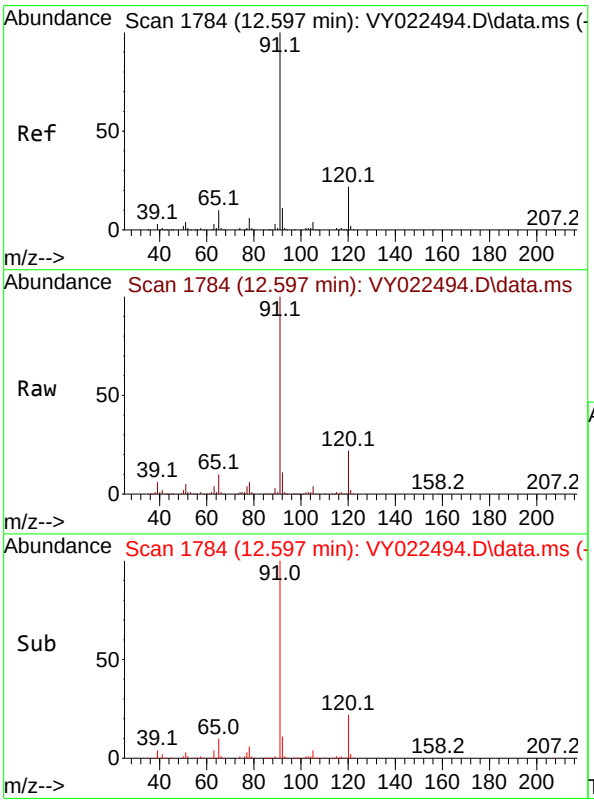
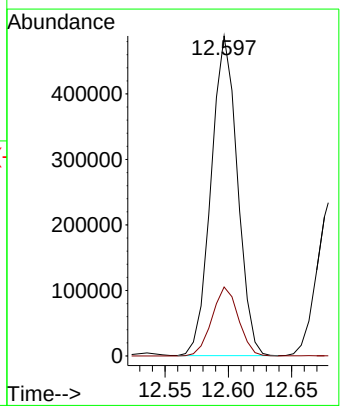
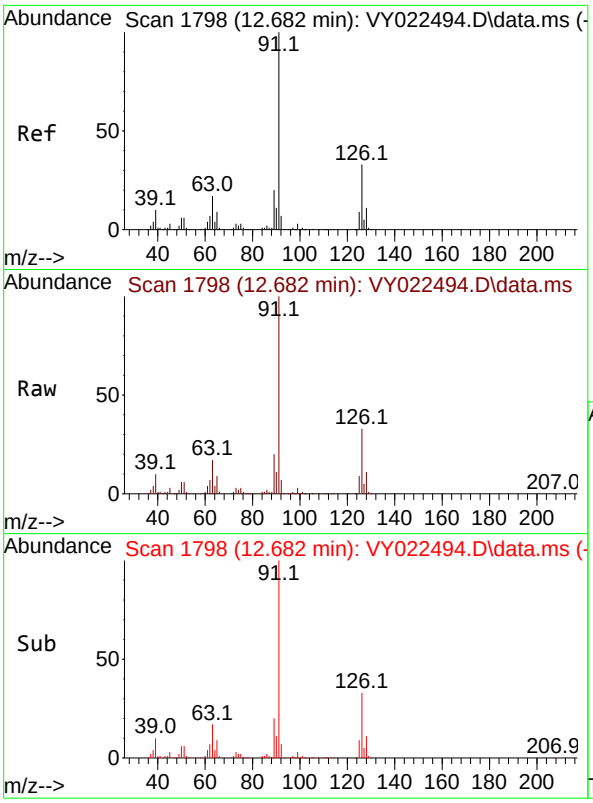


#78
n-propylbenzene
Concen: 51.667 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 707143

Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.4

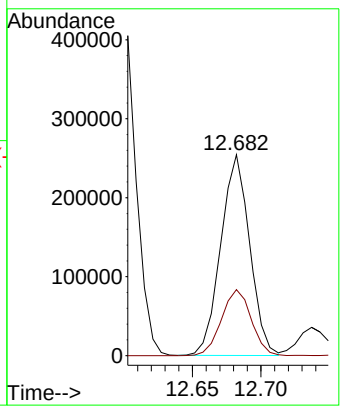




#79
2-Chlorotoluene
Concen: 51.670 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 37340

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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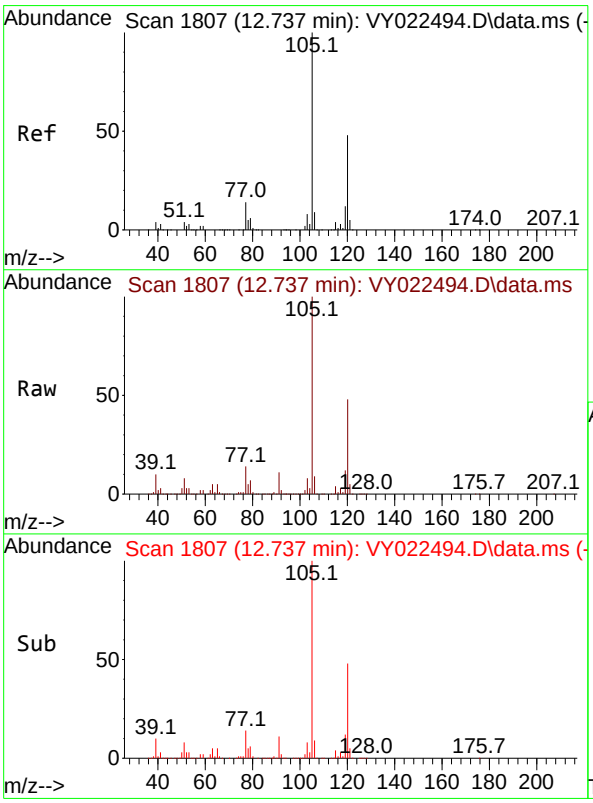
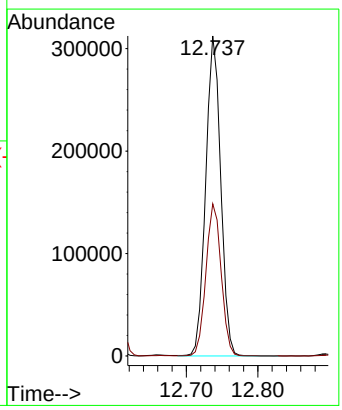
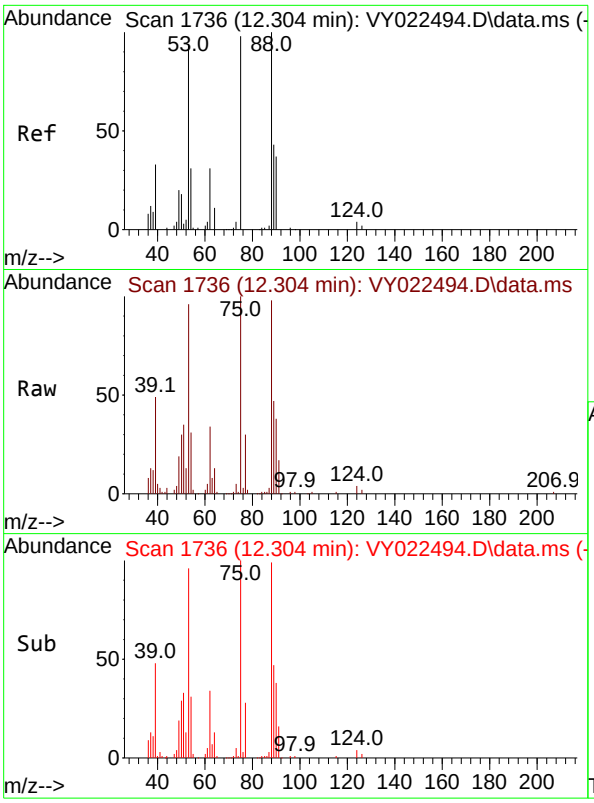


#80
1,3,5-Trimethylbenzene
Concen: 51.754 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 455006

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.4

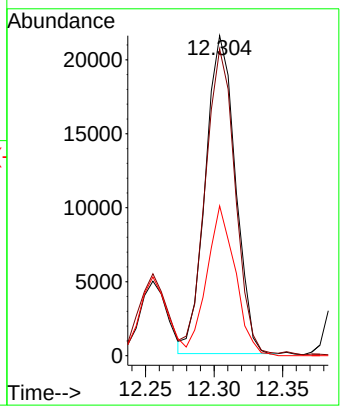




#81
trans-1,4-Dichloro-2-butene
Concen: 50.780 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 3263

Ion	Ratio	Lower	Upper
75	100		
53	98.1	78.5	117.7
89	44.6	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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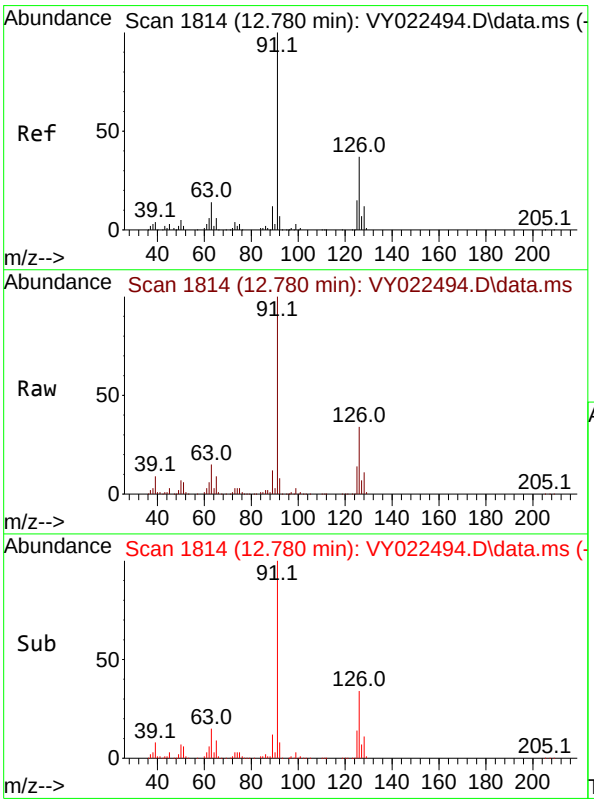
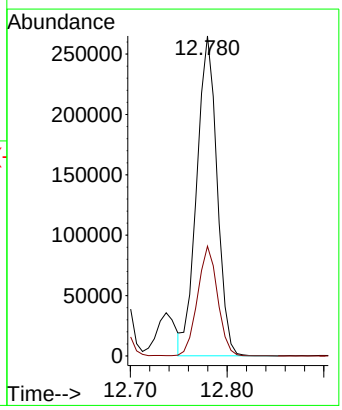
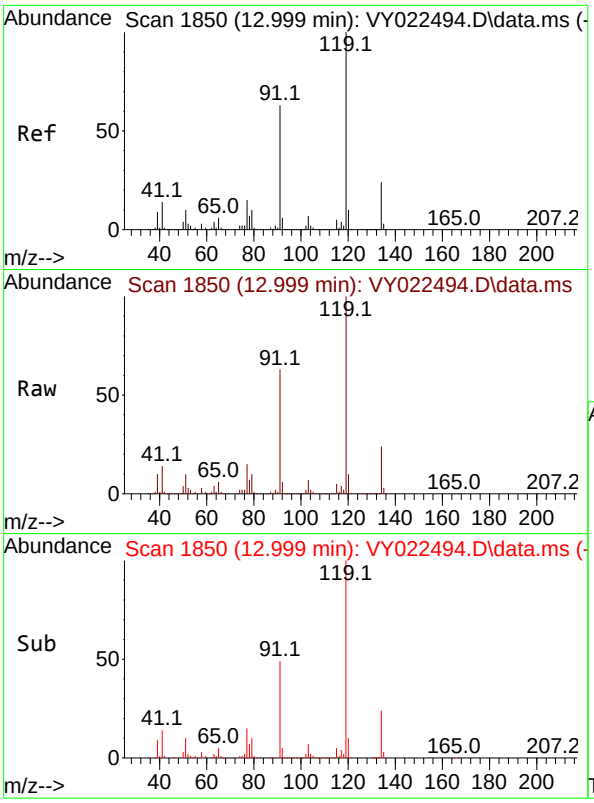


#82
4-Chlorotoluene
Concen: 51.710 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 387296

Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.0	50.9

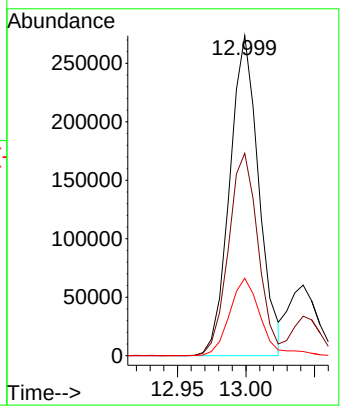




#83
tert-Butylbenzene
Concen: 50.438 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:119 Resp: 40451

Ion	Ratio	Lower	Upper
119	100		
91	64.2	32.1	96.3
134	25.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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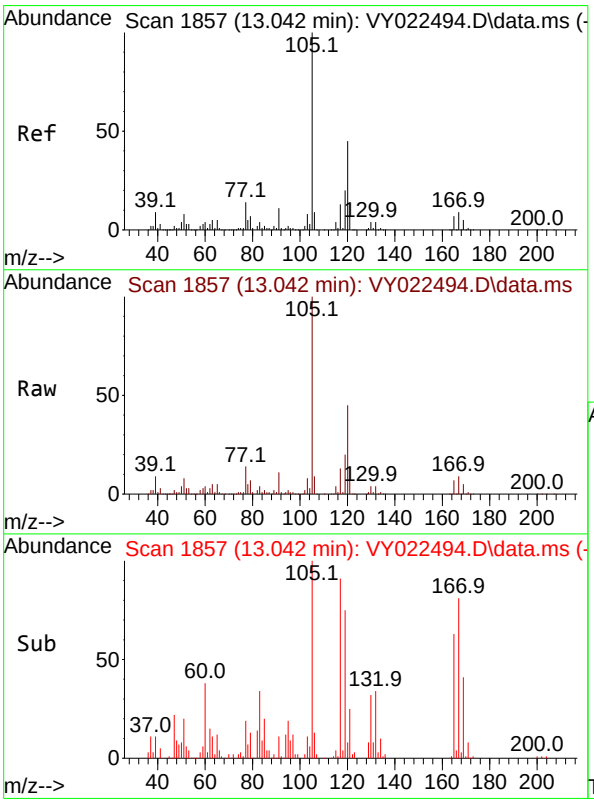
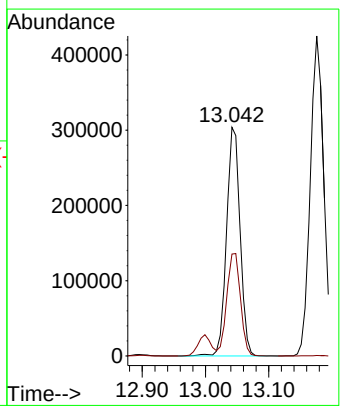
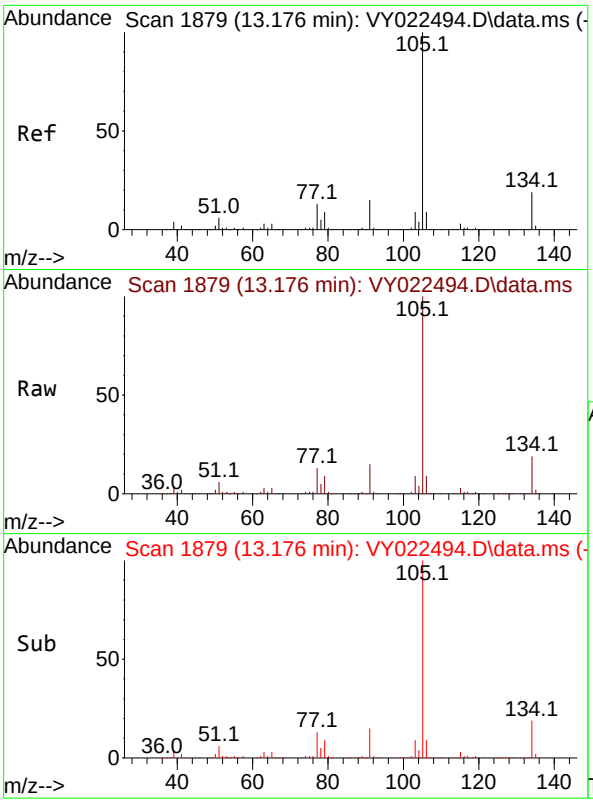


#84
1,2,4-Trimethylbenzene
Concen: 51.088 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 449372

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1





#85
sec-Butylbenzene
Concen: 51.250 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 62318

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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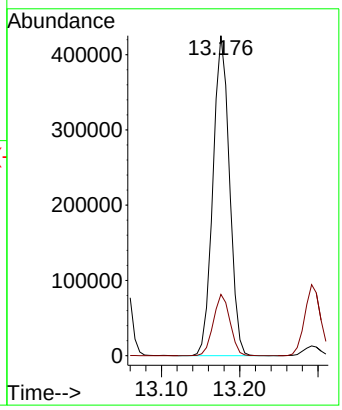
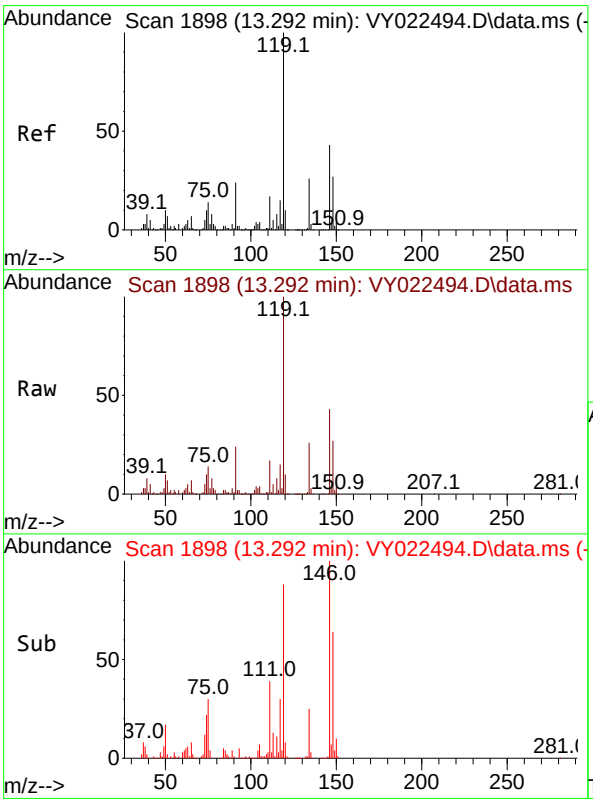
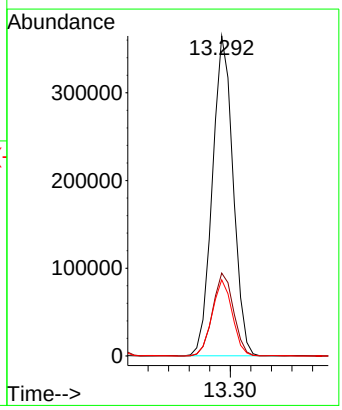


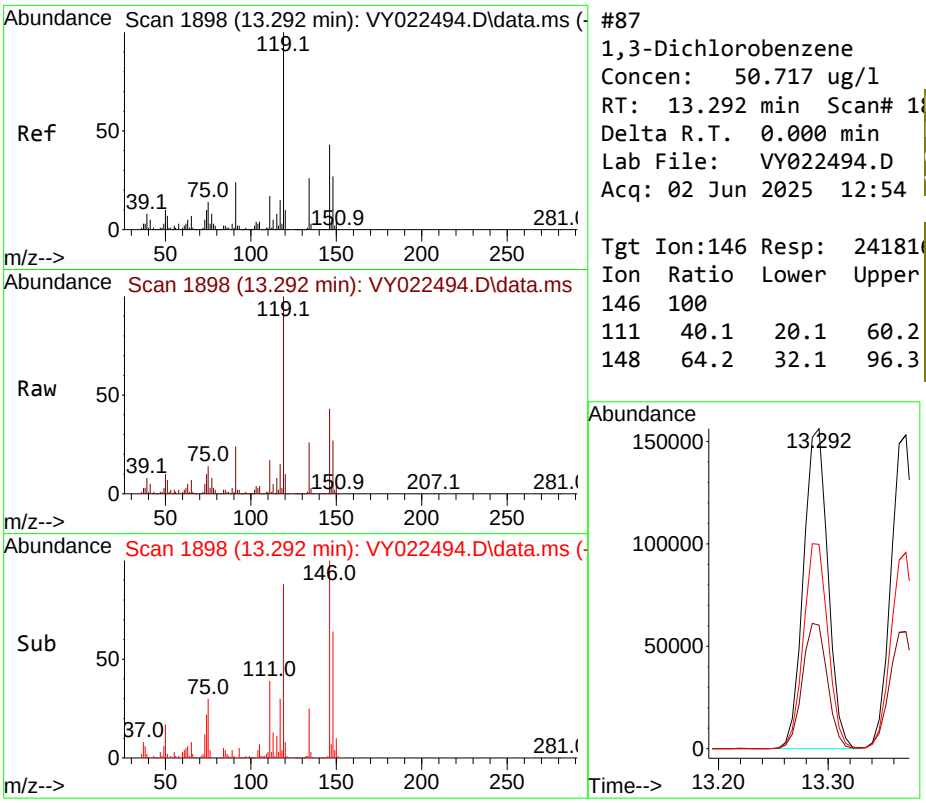


#86
p-Isopropyltoluene
Concen: 51.018 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:119 Resp: 510026

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	23.2	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 50.717 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:146 Resp: 24181

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	64.2	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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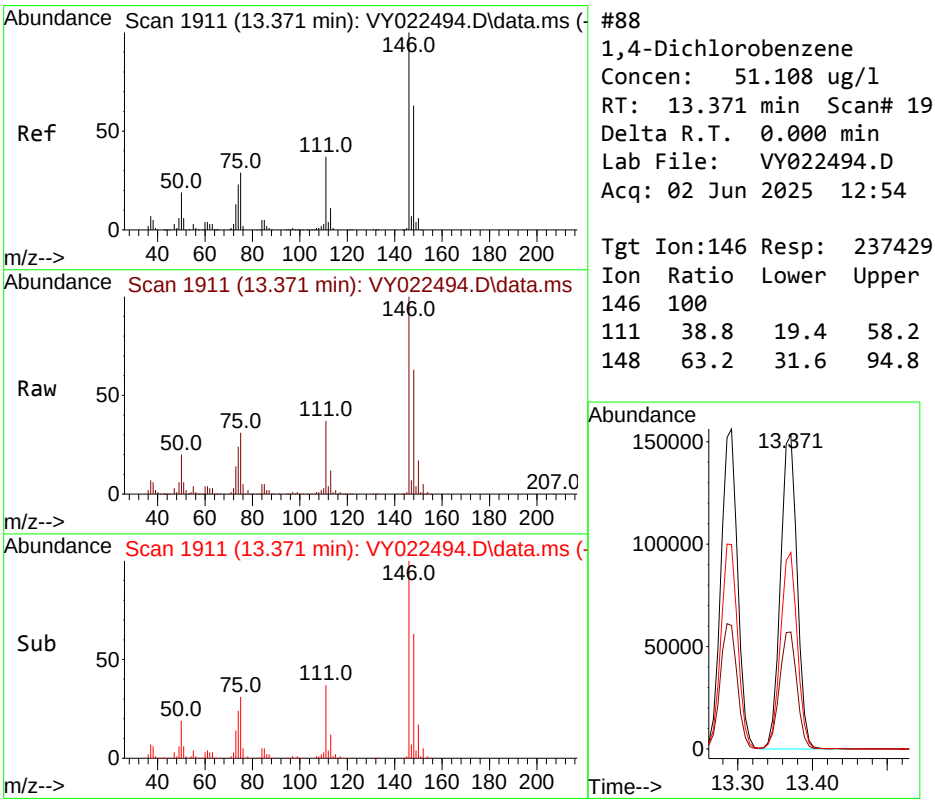
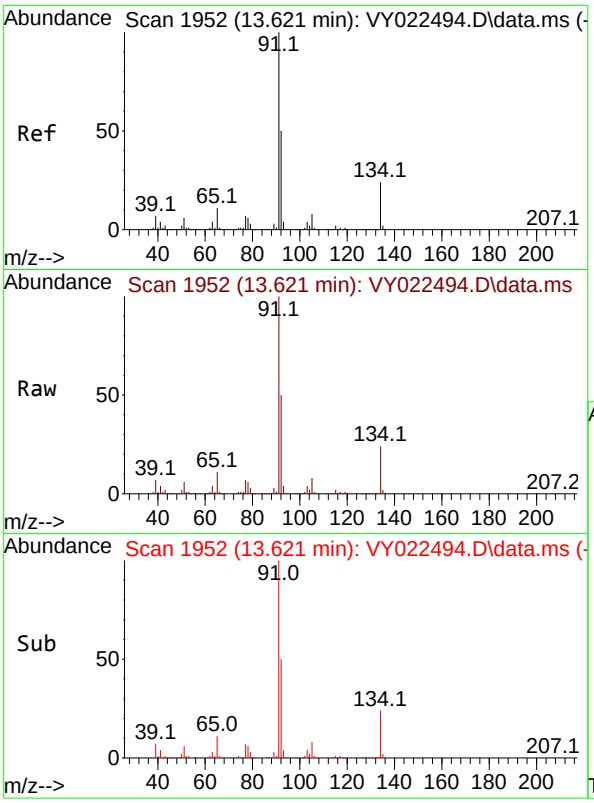


#88
1,4-Dichlorobenzene
Concen: 51.108 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:146 Resp: 237429

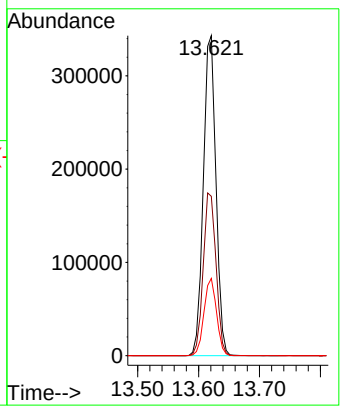
Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	63.2	31.6	94.8



#89
n-Butylbenzene
Concen: 51.811 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 49315

Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	24.1	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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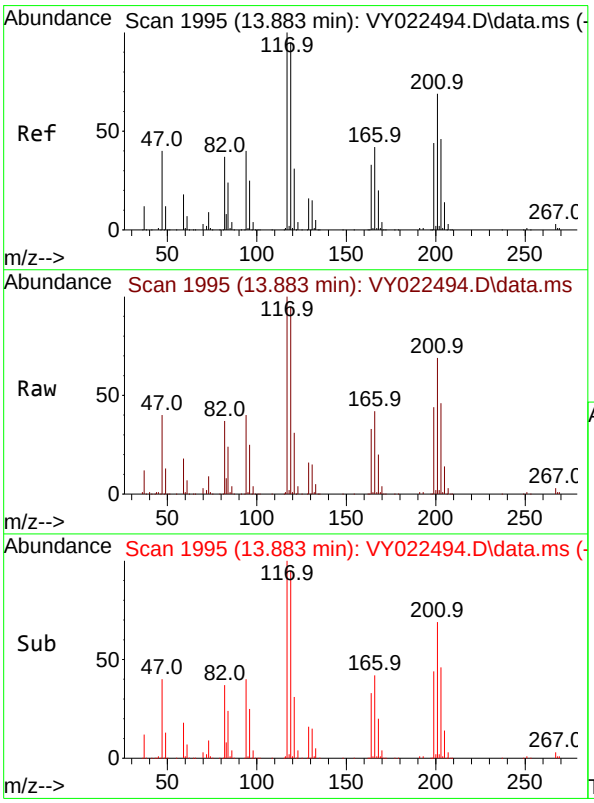
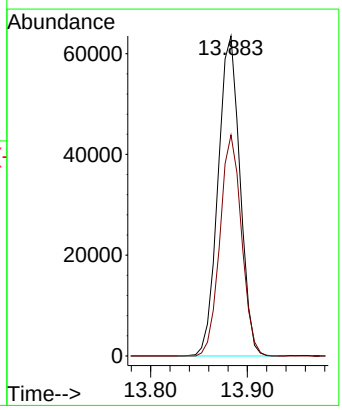
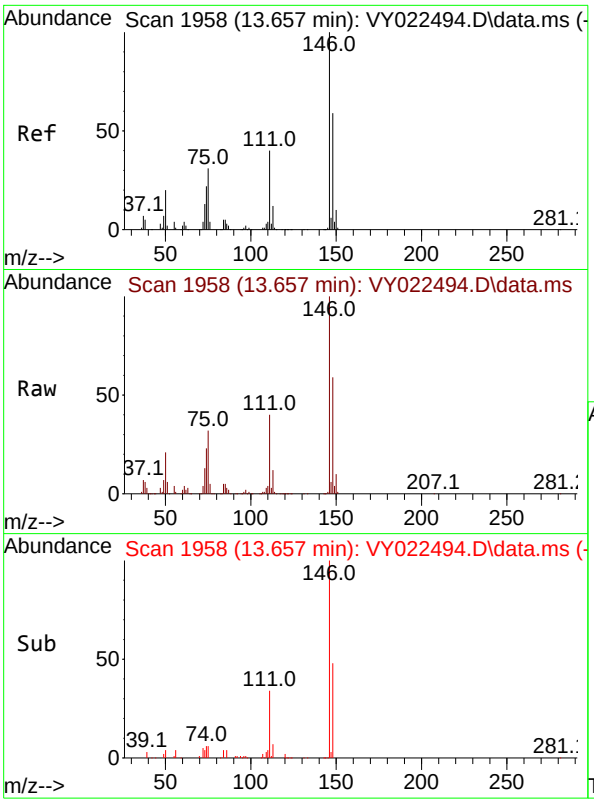


#90
Hexachloroethane
Concen: 51.068 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:117 Resp: 99901

Ion	Ratio	Lower	Upper
117	100		
201	68.0	34.0	102.0

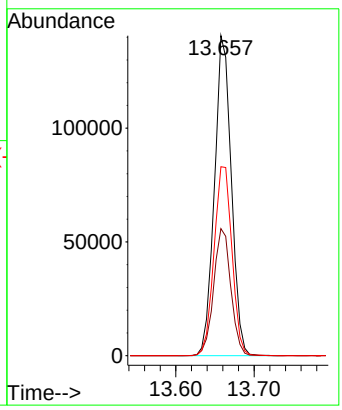




#91
1,2-Dichlorobenzene
Concen: 51.528 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:146 Resp: 21106

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	62.7	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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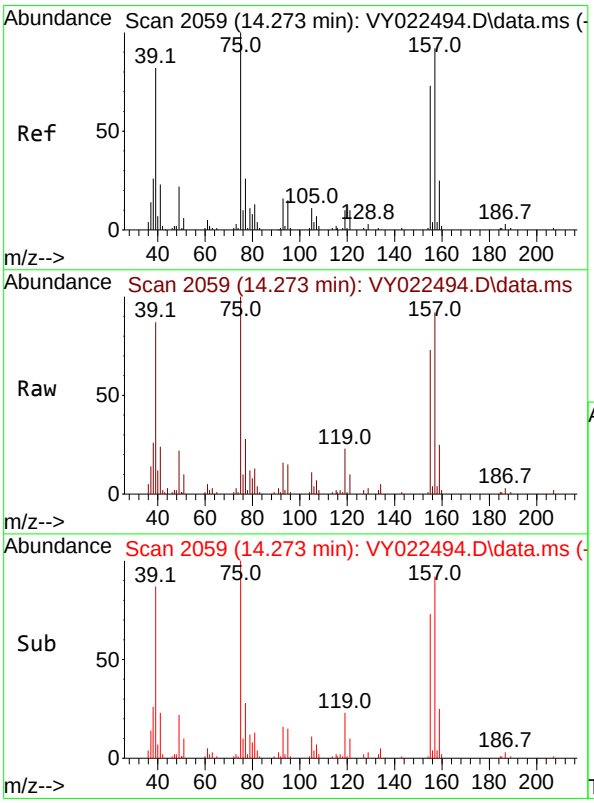
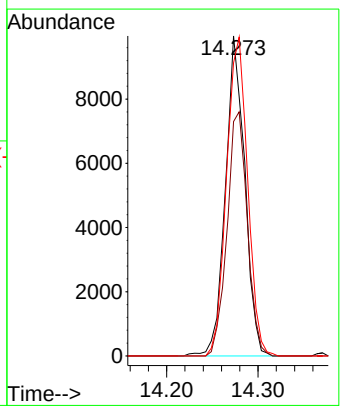
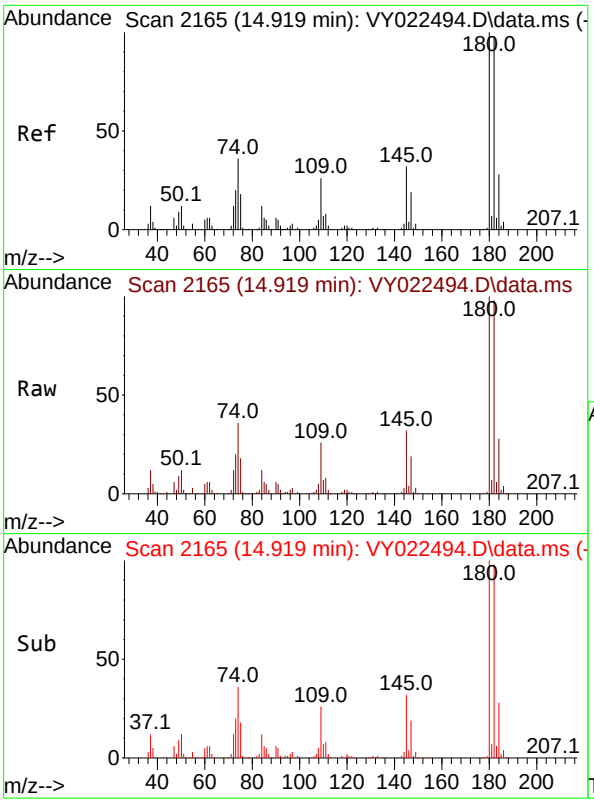


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.244 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 14697

Ion	Ratio	Lower	Upper
75	100		
155	79.7	39.9	119.6
157	108.0	54.0	162.0

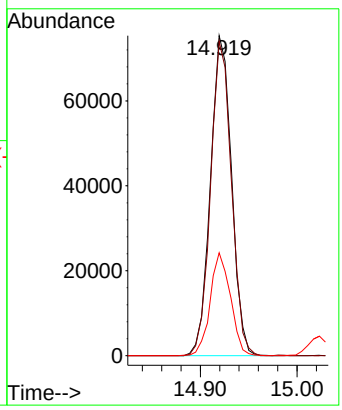




#93
1,2,4-Trichlorobenzene
Concen: 50.919 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:180 Resp: 11400

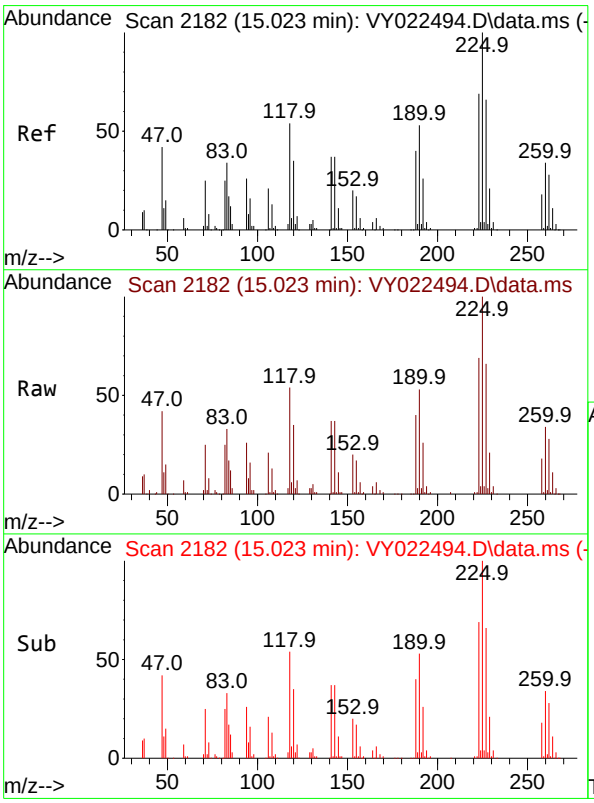
Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.3
145	31.0	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

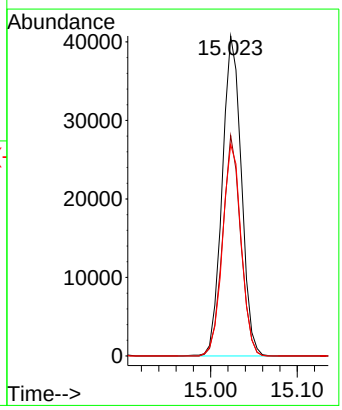
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

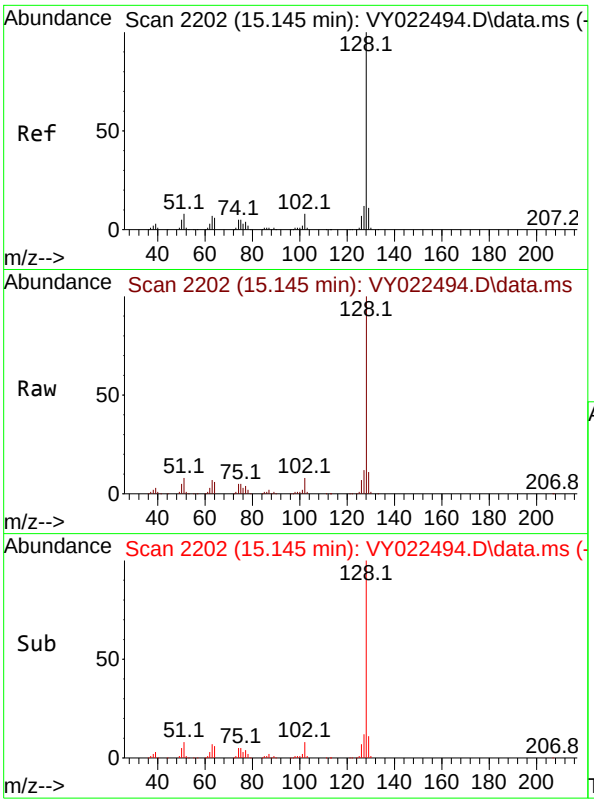


#94
Hexachlorobutadiene
Concen: 51.054 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:225 Resp: 62434

Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.5	97.4
227	64.6	32.3	96.9

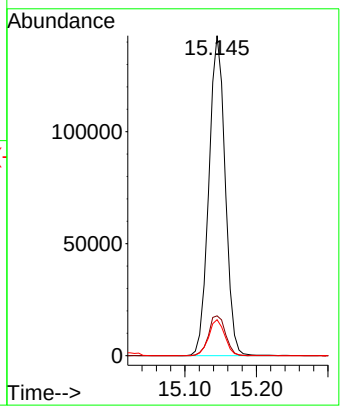




#95
Naphthalene
Concen: 52.686 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:128 Resp: 22607

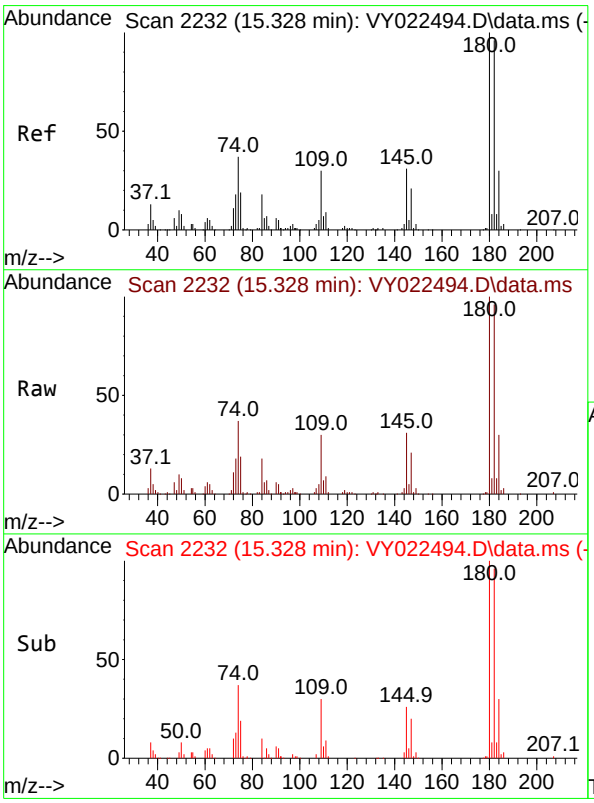
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

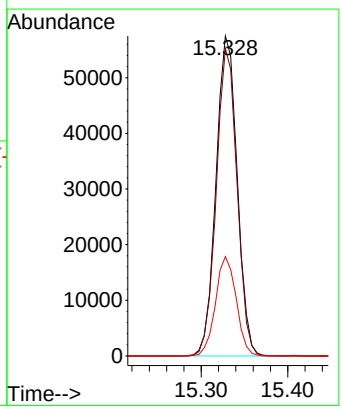
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.295 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:180 Resp: 97609

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.3
145	30.4	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.713	168	220566	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.615	114	362519	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.420	117	312741	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150217	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.067	65	243724	101.553	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 203.100%#				
35) Dibromofluoromethane	7.634	113	222443	104.234	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 208.460%#				
50) Toluene-d8	10.109	98	908424	105.318	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 210.640%#				
62) 4-Bromofluorobenzene	12.407	95	270310	103.359	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 206.720%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.867	85	175145	90.872	ug/l		97
3) Chloromethane	2.068	50	519859	91.429	ug/l		99
4) Vinyl Chloride	2.202	62	636843	95.695	ug/l		100
5) Bromomethane	2.592	94	591589	93.980	ug/l		99
6) Chloroethane	2.732	64	414935	91.070	ug/l		96
7) Trichlorofluoromethane	3.049	101	539323	95.384	ug/l		97
8) Diethyl Ether	3.458	74	122923	98.428	ug/l		99
9) 1,1,2-Trichlorotrifluo...	3.817	101	230240	97.074	ug/l		99
10) Methyl Iodide	4.006	142	278576	109.525	ug/l		99
11) Tert butyl alcohol	4.878	59	83900	489.395	ug/l	#	87
12) 1,1-Dichloroethene	3.793	96	224855	99.317	ug/l		97
13) Acrolein	3.653	56	109392	522.746	ug/l		100
14) Allyl chloride	4.390	41	354774	100.560	ug/l		98
15) Acrylonitrile	5.067	53	269411	507.168	ug/l		100
16) Acetone	3.872	43	231202	487.310	ug/l		100
17) Carbon Disulfide	4.110	76	722508	99.952	ug/l		99
18) Methyl Acetate	4.390	43	132608	92.907	ug/l		98
19) Methyl tert-butyl Ether	5.122	73	632873	100.187	ug/l		99
20) Methylene Chloride	4.622	84	241903	91.318	ug/l		97
21) trans-1,2-Dichloroethene	5.122	96	253184	100.103	ug/l		95
22) Diisopropyl ether	6.024	45	794164	101.232	ug/l		98
23) Vinyl Acetate	5.963	43	2424134	520.866	ug/l		99
24) 1,1-Dichloroethane	5.915	63	463641	99.980	ug/l		99
25) 2-Butanone	6.896	43	358881	512.798	ug/l		99
26) 2,2-Dichloropropane	6.890	77	420323	101.961	ug/l		99
27) cis-1,2-Dichloroethene	6.890	96	294837	100.858	ug/l		98
28) Bromochloromethane	7.250	49	206906	103.263	ug/l		100
29) Tetrahydrofuran	7.268	42	226299	501.243	ug/l		99
30) Chloroform	7.426	83	459957	100.373	ug/l		96
31) Cyclohexane	7.707	56	428074	91.723	ug/l		98
32) 1,1,1-Trichloroethane	7.622	97	419389	102.410	ug/l		99
36) 1,1-Dichloropropene	7.841	75	355563	103.070	ug/l		99
37) Ethyl Acetate	6.988	43	159922	105.336	ug/l		98
38) Carbon Tetrachloride	7.823	117	368617	103.651	ug/l		96
39) Methylcyclohexane	9.109	83	481512	103.323	ug/l		99
40) Benzene	8.085	78	1052881	103.542	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	97672m	99.893	ug/l		
42) 1,2-Dichloroethane	8.158	62	286305	103.504	ug/l		98
43) Isopropyl Acetate	8.201	43	344110	103.721	ug/l		98
44) Trichloroethene	8.865	130	253632	102.104	ug/l		100
45) 1,2-Dichloropropane	9.146	63	249363	102.865	ug/l		100
46) Dibromomethane	9.231	93	139349	102.605	ug/l		98
47) Bromodichloromethane	9.426	83	356025	103.321	ug/l		99
48) Methyl methacrylate	9.225	41	163867	107.875	ug/l		99
49) 1,4-Dioxane	9.237	88	31675	1955.012	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	884897	537.390	ug/l		98
52) Toluene	10.170	92	676554	105.821	ug/l		100
53) t-1,3-Dichloropropene	10.395	75	339647	106.548	ug/l		96
54) cis-1,3-Dichloropropene	9.859	75	394647	105.579	ug/l		100
55) 1,1,2-Trichloroethane	10.572	97	176386	103.130	ug/l		97
56) Ethyl methacrylate	10.438	69	270253	108.807	ug/l		99
57) 1,3-Dichloropropane	10.719	76	314882	103.374	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	631985	570.744	ug/l		99
59) 2-Hexanone	10.761	43	599356	546.025	ug/l		99
60) Dibromochloromethane	10.914	129	231582	106.862	ug/l		99
61) 1,2-Dibromoethane	11.017	107	162846	103.182	ug/l		97
64) Tetrachloroethene	10.645	164	260085	97.857	ug/l		98
65) Chlorobenzene	11.444	112	700365	103.277	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	241080	104.874	ug/l		99
67) Ethyl Benzene	11.517	91	1343424	106.379	ug/l		100
68) m/p-Xylenes	11.627	106	1027669	215.017	ug/l		99
69) o-Xylene	11.956	106	478106	106.884	ug/l		100
70) Styrene	11.968	104	807331	109.011	ug/l		99
71) Bromoform	12.133	173	129134	106.900	ug/l	#	98
73) Isopropylbenzene	12.255	105	1251781	103.429	ug/l		100
74) N-amyl acetate	12.072	43	331256	108.232	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	201554	102.543	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	153645m	77.478	ug/l		
77) Bromobenzene	12.535	156	260522	101.560	ug/l		99
78) n-propylbenzene	12.596	91	1517453	103.002	ug/l		99
79) 2-Chlorotoluene	12.682	91	801096	102.984	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	983812	103.959	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	72518	104.845	ug/l		97
82) 4-Chlorotoluene	12.779	91	836500	103.758	ug/l		99
83) tert-Butylbenzene	12.999	119	886942	102.740	ug/l		100
84) 1,2,4-Trimethylbenzene	13.041	105	992770	104.854	ug/l		100
85) sec-Butylbenzene	13.175	105	1348209	103.006	ug/l		100
86) p-Isopropyltoluene	13.291	119	1148821	106.760	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	543396	105.879	ug/l		99
88) 1,4-Dichlorobenzene	13.364	146	503842	100.757	ug/l		98
89) n-Butylbenzene	13.621	91	1062595	103.713	ug/l		99
90) Hexachloroethane	13.883	117	213148	101.224	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	447574	101.511	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	29357	98.805	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	255752	106.117	ug/l		97
94) Hexachlorobutadiene	15.023	225	132452	100.622	ug/l		99
95) Naphthalene	15.145	128	499554	108.155	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	213300	104.136	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

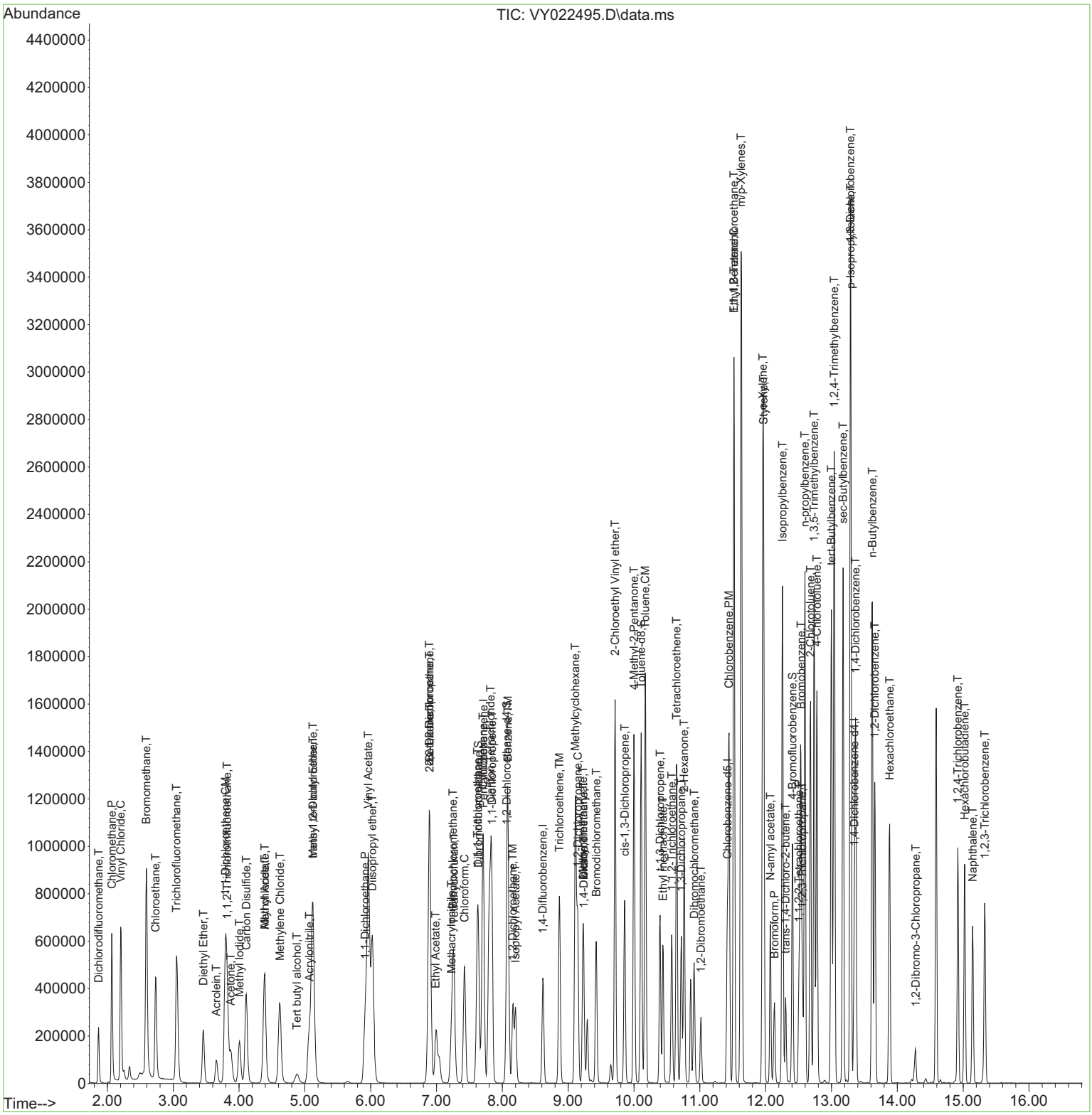
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

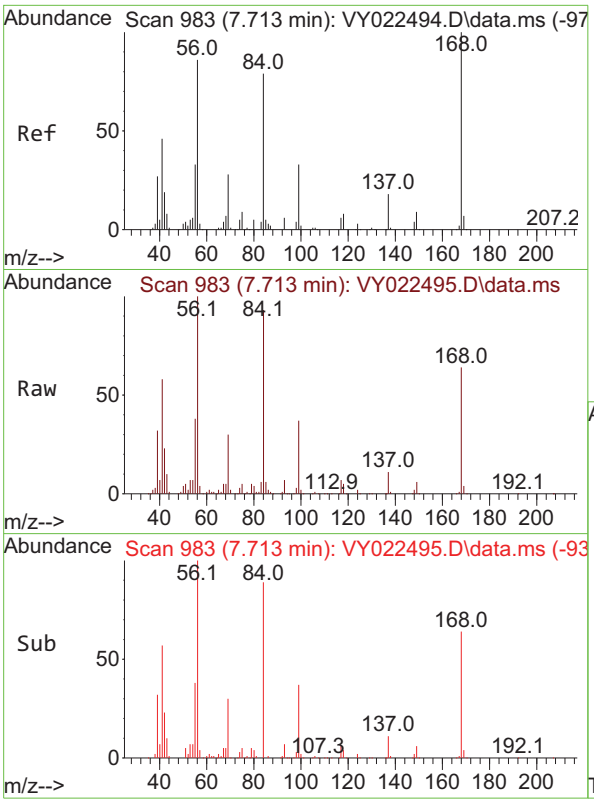
Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

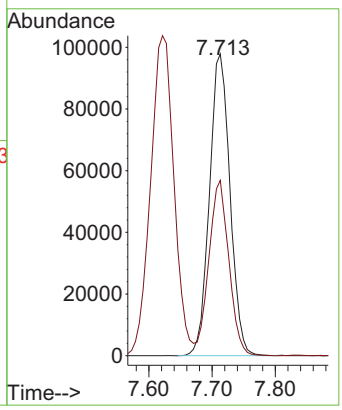




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:168 Resp: 22056

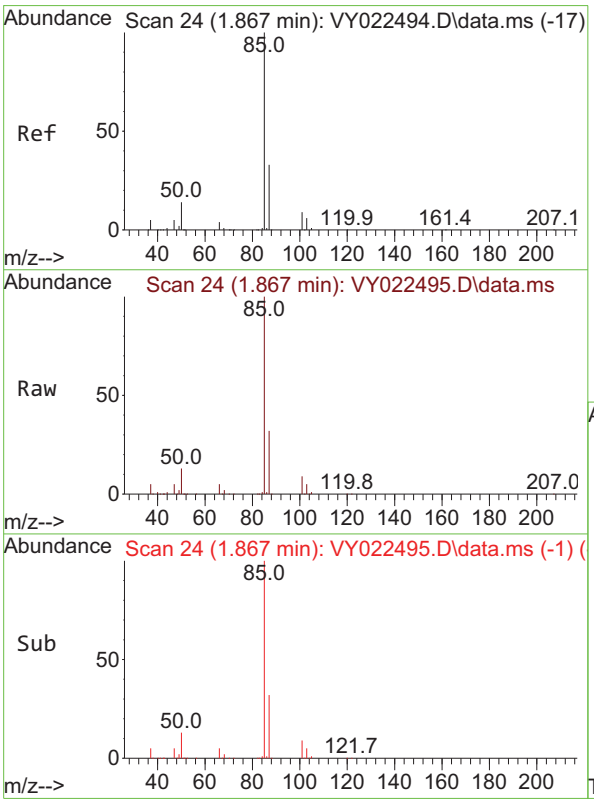
Ion	Ratio	Lower	Upper
168	100		
99	58.1	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

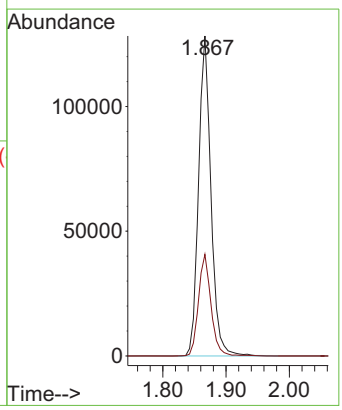
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

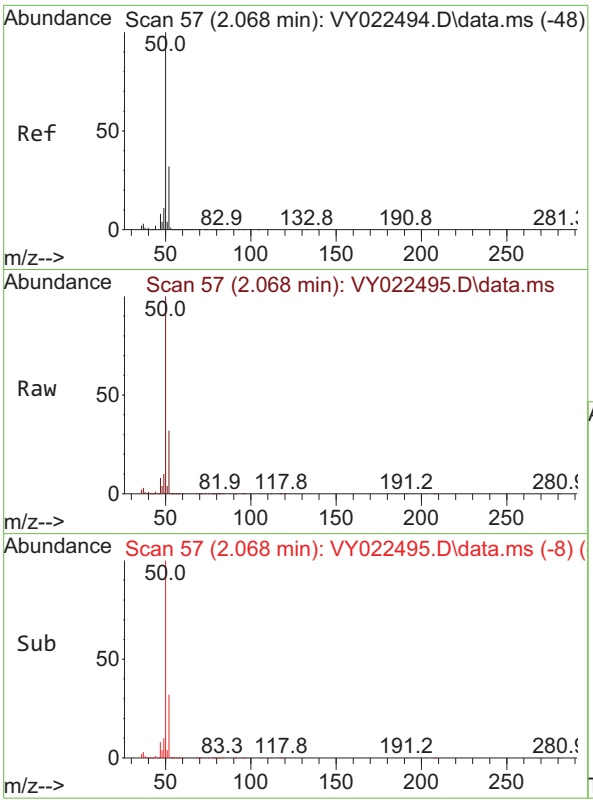


#2
Dichlorodifluoromethane
Concen: 90.872 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 85 Resp: 175145

Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.7	50.0

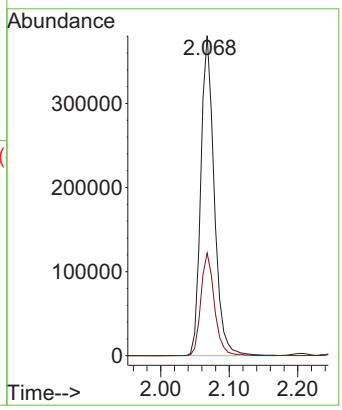




#3
Chloromethane
Concen: 91.429 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 50 Resp: 51985

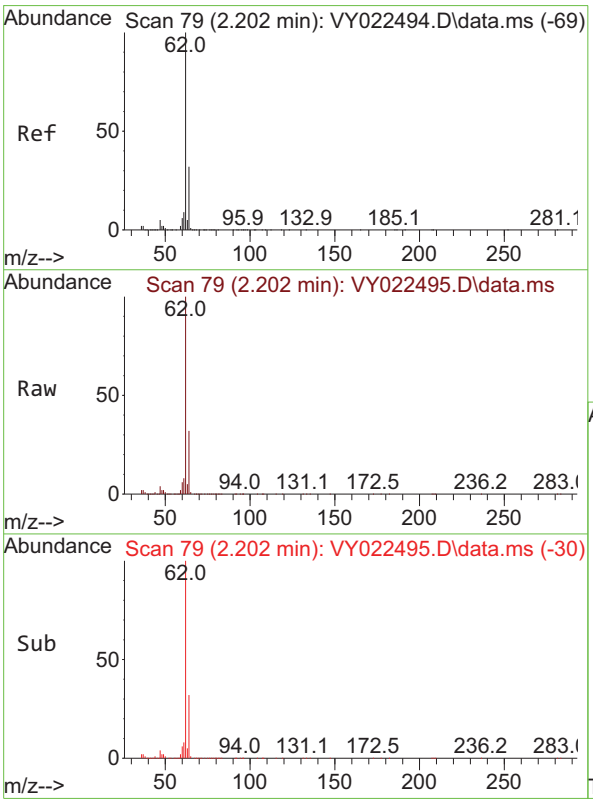
Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

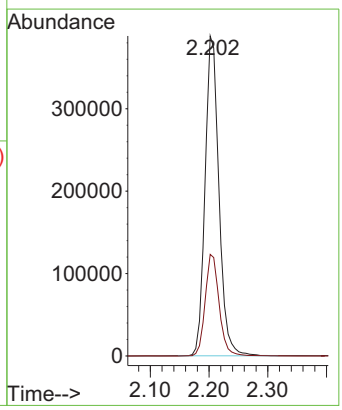
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

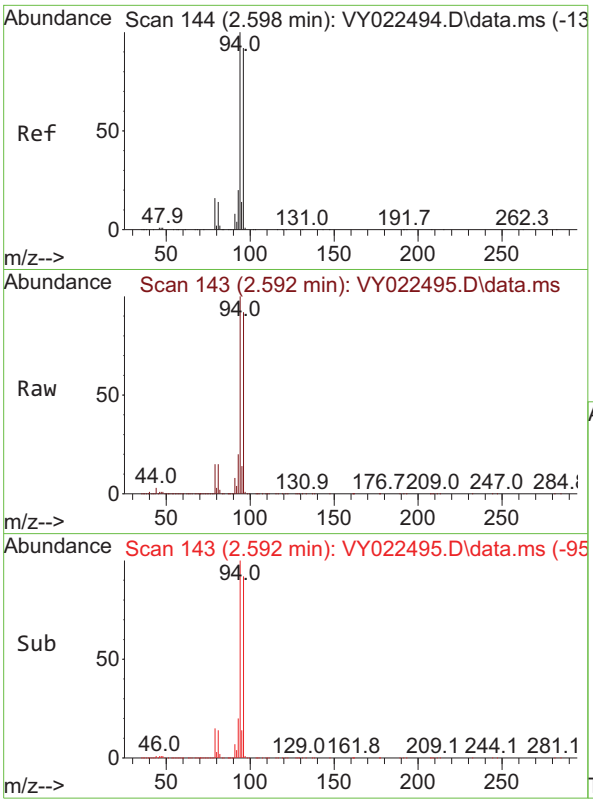


#4
Vinyl Chloride
Concen: 95.695 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 62 Resp: 636843

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.3	37.9





#5
Bromomethane
Concen: 93.980 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 94 Resp: 59158

Ion	Ratio	Lower	Upper
94	100		
96	91.7	74.0	111.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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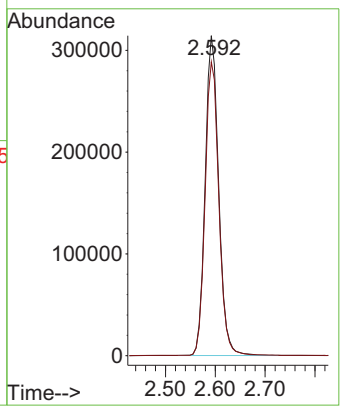
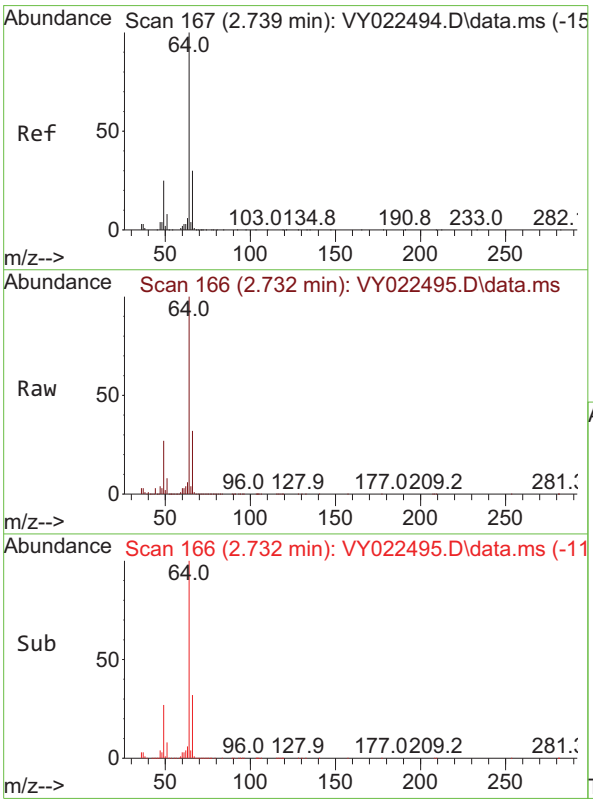
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

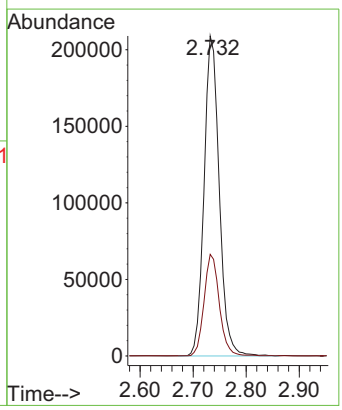


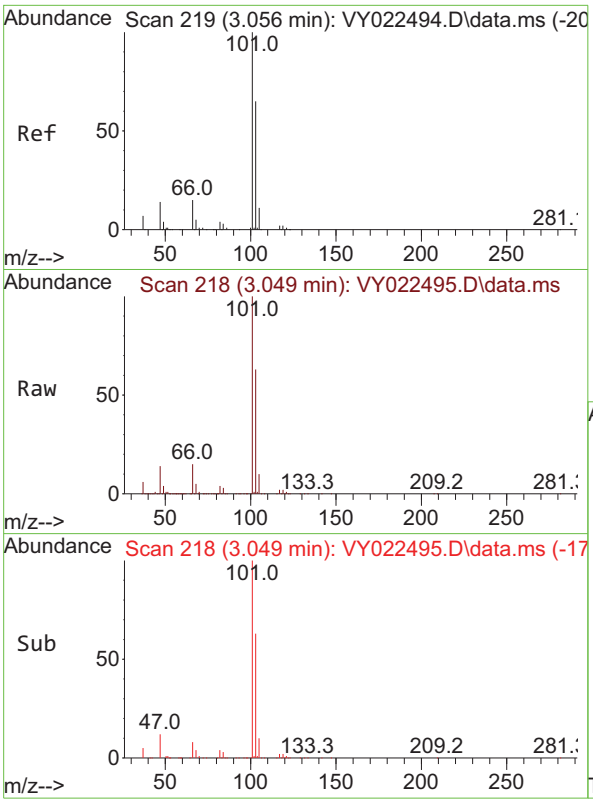


#6
Chloroethane
Concen: 91.070 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 64 Resp: 414935

Ion	Ratio	Lower	Upper
64	100		
66	31.7	23.8	35.6

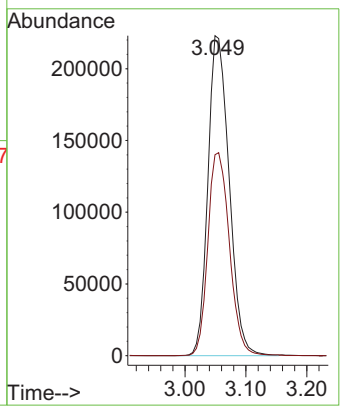




#7
Trichlorofluoromethane
Concen: 95.384 ug/l
RT: 3.049 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:101 Resp: 53932

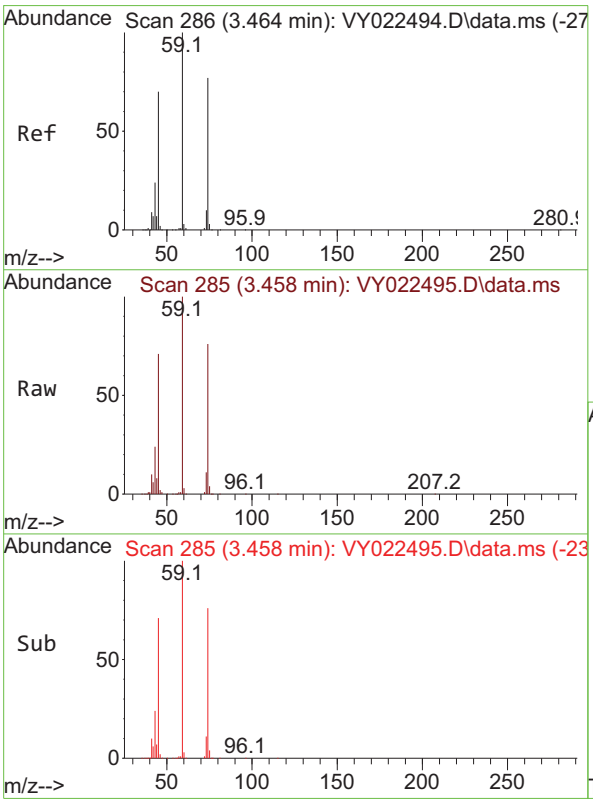
Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

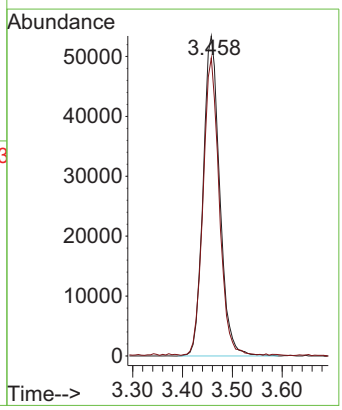
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

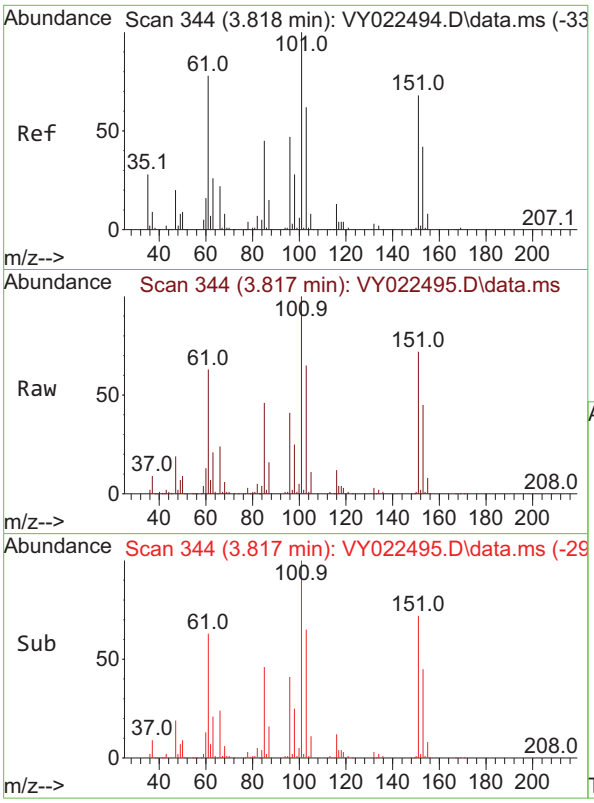


#8
Diethyl Ether
Concen: 98.428 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 74 Resp: 122923

Ion	Ratio	Lower	Upper
74	100		
45	90.6	45.9	137.6

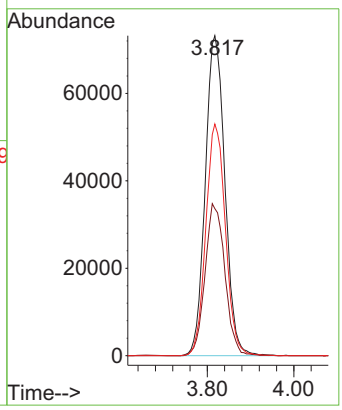




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.074 ug/l
RT: 3.817 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:101 Resp: 23024

Ion	Ratio	Lower	Upper
101	100		
85	48.1	39.3	58.9
151	72.4	57.8	86.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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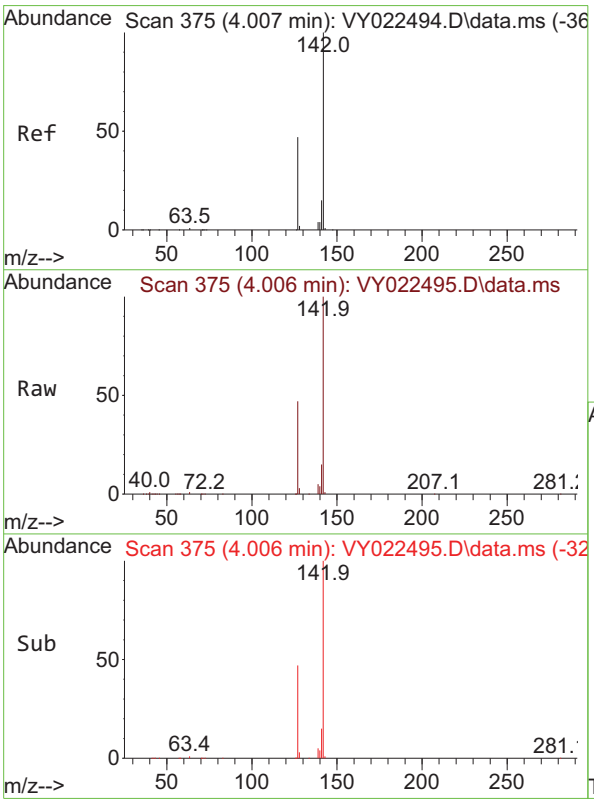
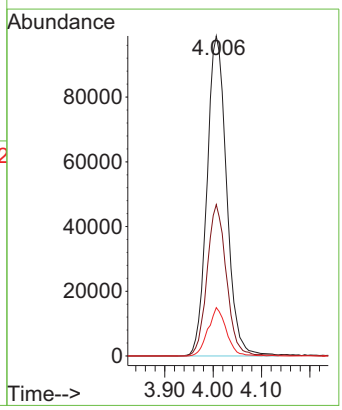
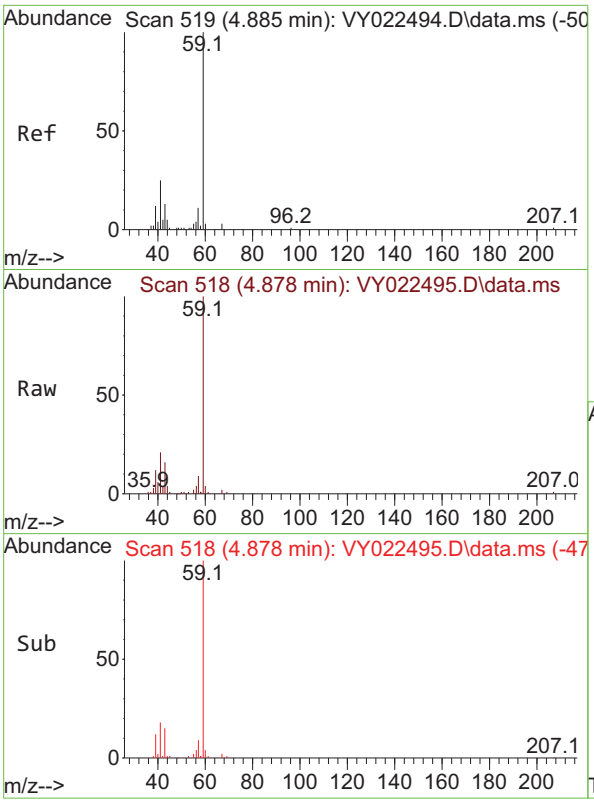


#10
Methyl Iodide
Concen: 109.525 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:142 Resp: 278576

Ion	Ratio	Lower	Upper
142	100		
127	47.0	37.1	55.7
141	14.2	11.4	17.2





#11
Tert butyl alcohol
Concen: 489.395 ug/l
RT: 4.878 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 59 Resp: 8390

Ion	Ratio	Lower	Upper
59	100		
57	5.4	8.0	12.0#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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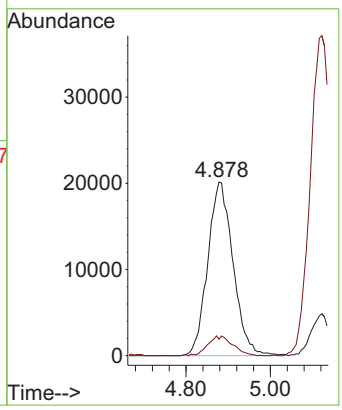
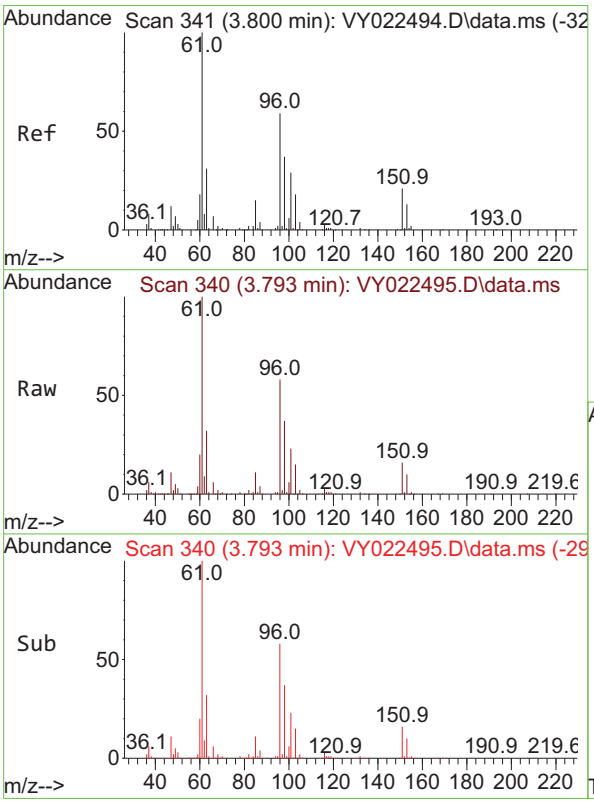
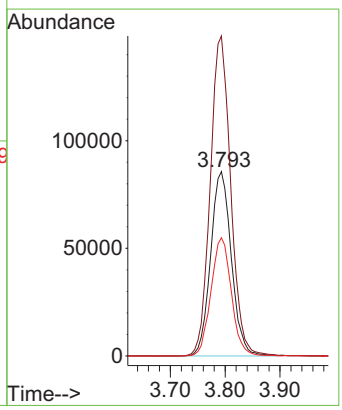


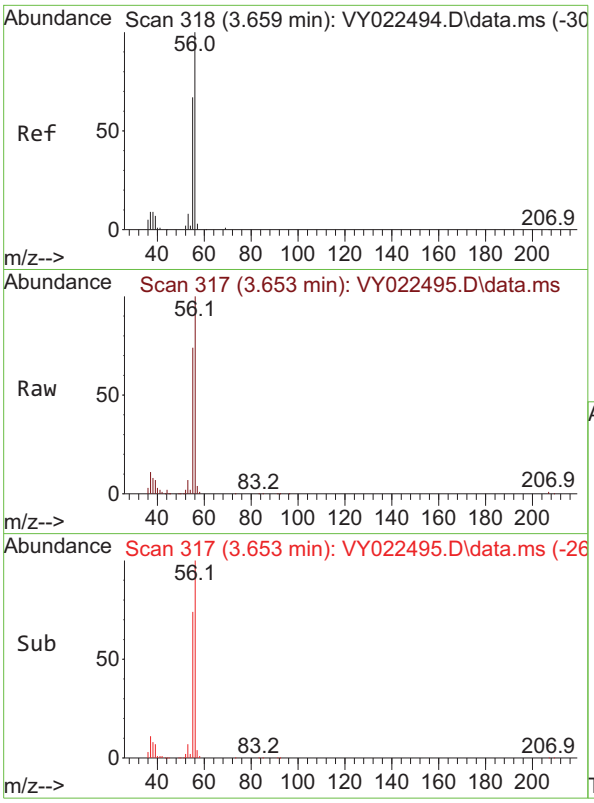


#12
1,1-Dichloroethene
Concen: 99.317 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 96 Resp: 224855

Ion	Ratio	Lower	Upper
96	100		
61	173.6	134.6	201.8
98	64.1	50.2	75.4

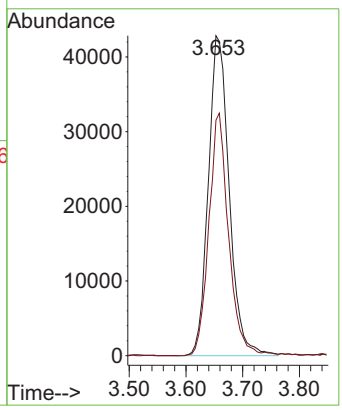




#13
Acrolein
Concen: 522.746 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 56 Resp: 10939

Ion	Ratio	Lower	Upper
56	100		
55	71.1	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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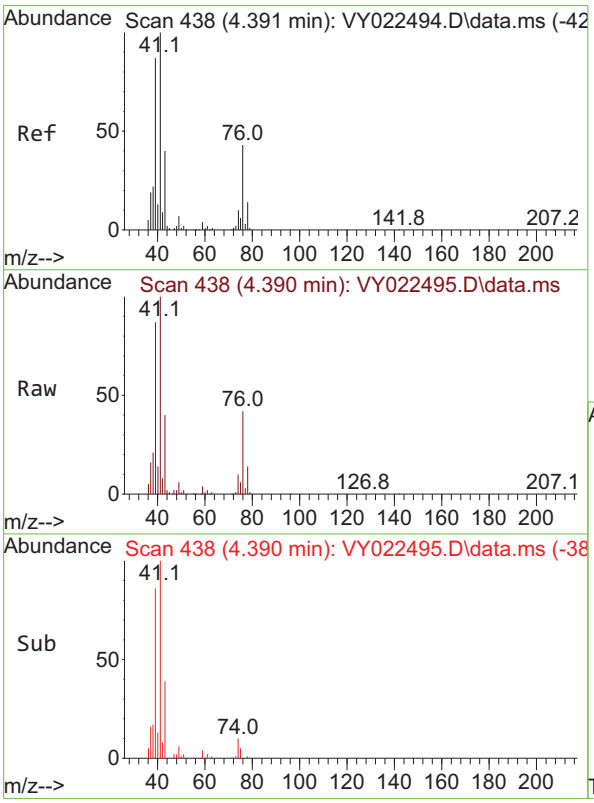
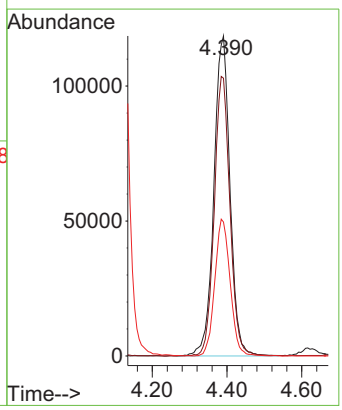
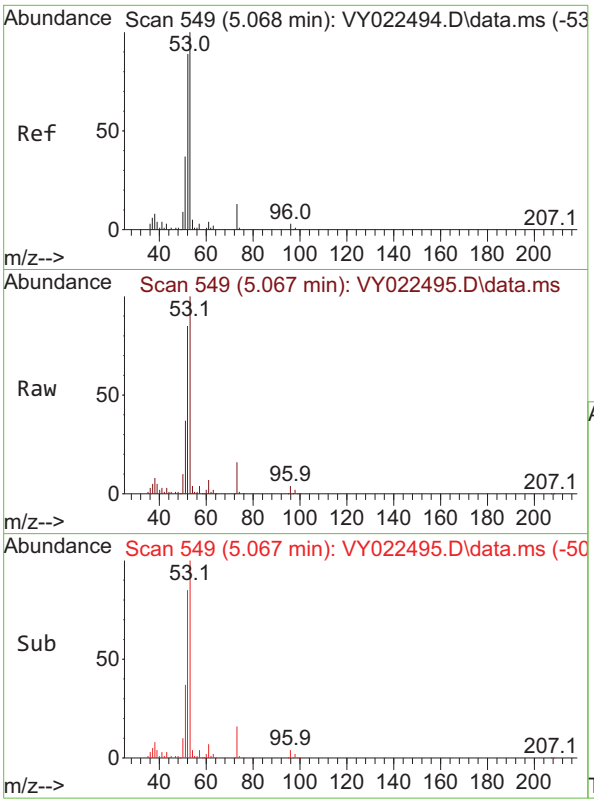


#14
Allyl chloride
Concen: 100.560 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 354774

Ion	Ratio	Lower	Upper
41	100		
39	85.0	69.1	103.7
76	40.8	33.5	50.3





#15
Acrylonitrile
Concen: 507.168 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 53 Resp: 26941

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.7	98.5
51	37.8	30.1	45.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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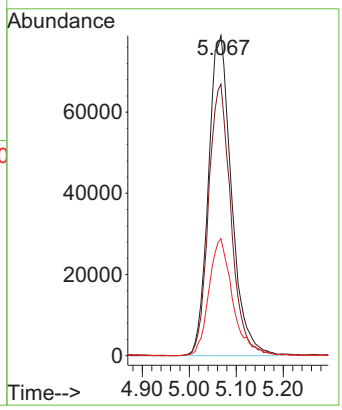
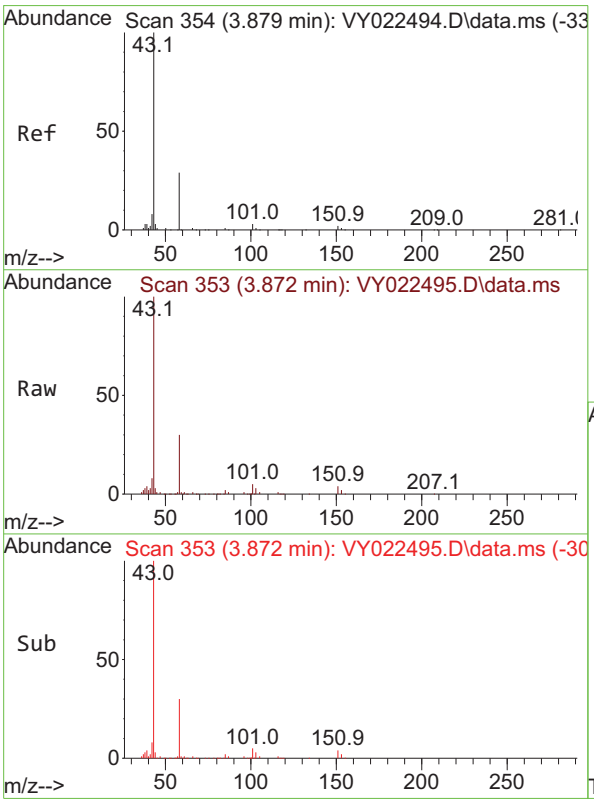
Supervised By :Mahesh Dadoda 06/03/2025

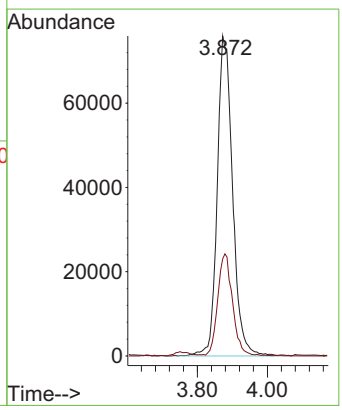


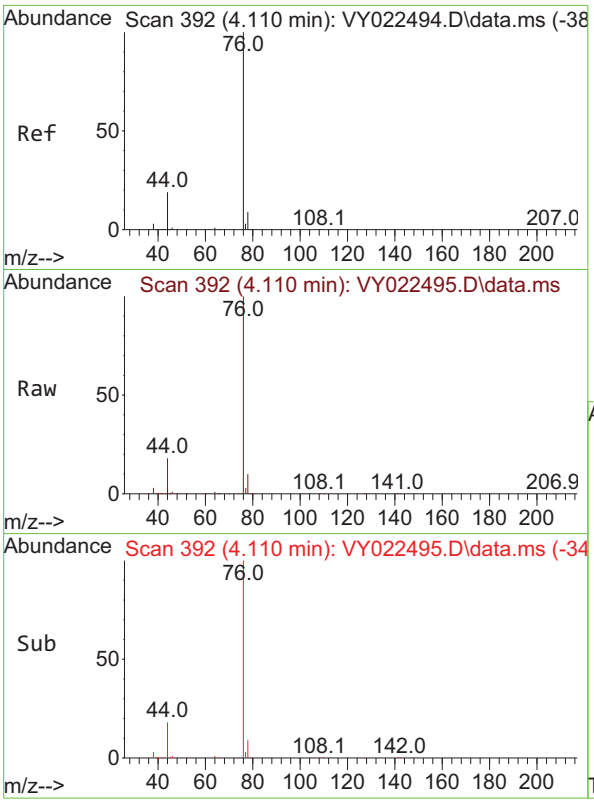


#16
Acetone
Concen: 487.310 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 231202

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.0	36.0





#17
Carbon Disulfide
Concen: 99.952 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 76 Resp: 72250

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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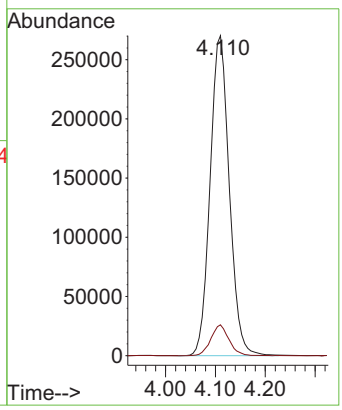
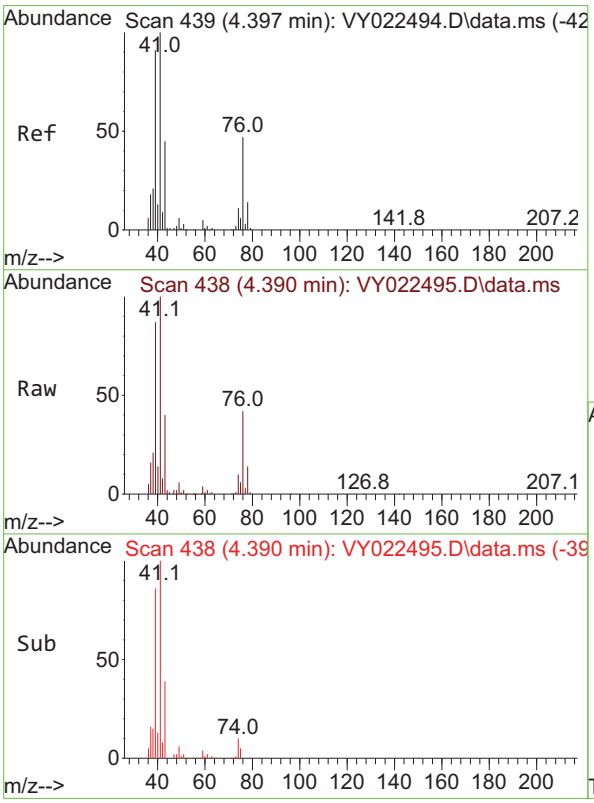
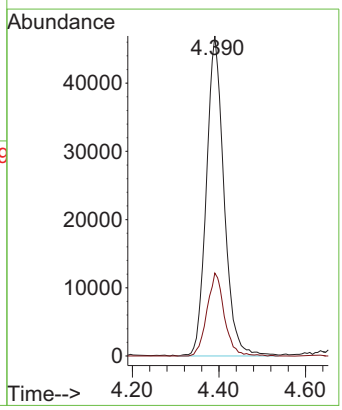


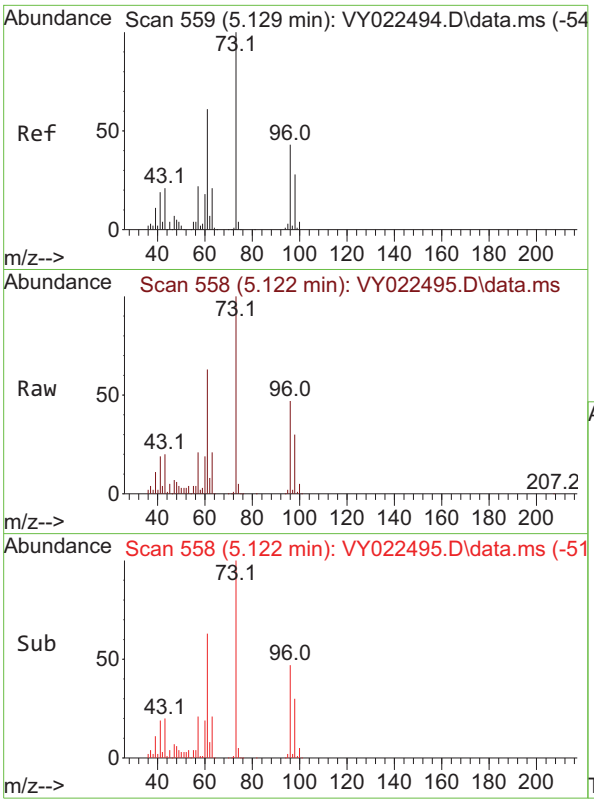


#18
Methyl Acetate
Concen: 92.907 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 132608

Ion	Ratio	Lower	Upper
43	100		
74	25.5	19.8	29.6

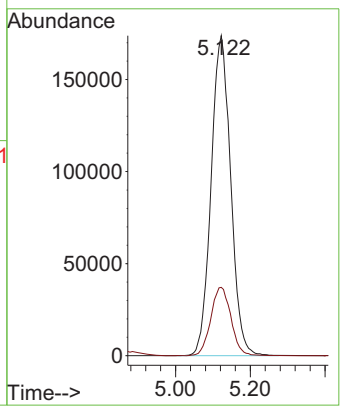




#19
Methyl tert-butyl Ether
Concen: 100.187 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 73 Resp: 63287

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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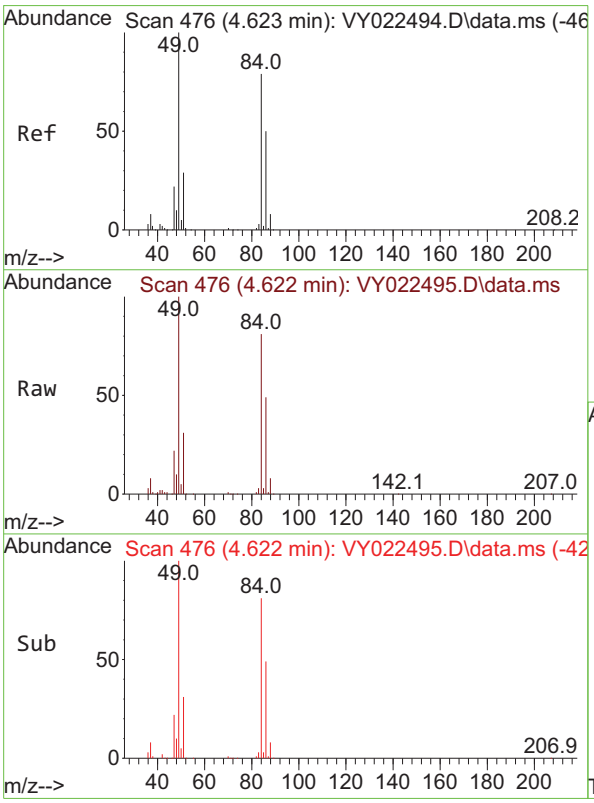
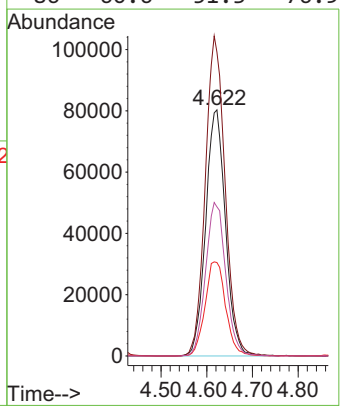
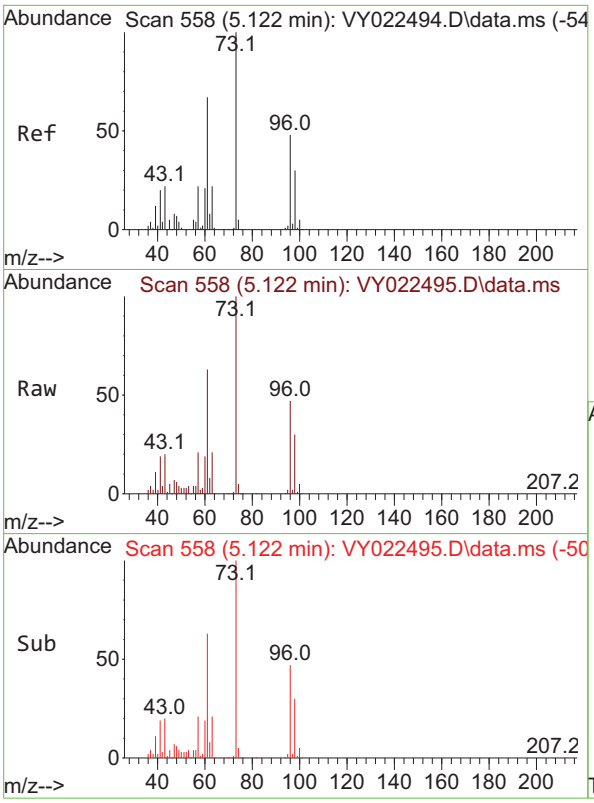


#20
Methylene Chloride
Concen: 91.318 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 84 Resp: 241903

Ion	Ratio	Lower	Upper
84	100		
49	123.5	101.9	152.9
51	38.0	29.8	44.8
86	60.6	51.3	76.9

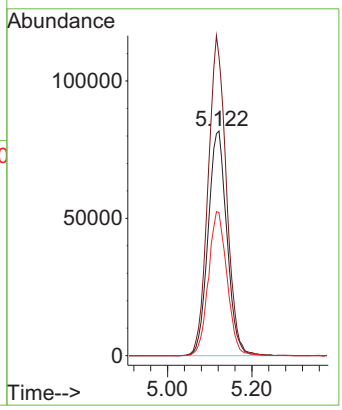




#21
trans-1,2-Dichloroethene
Concen: 100.103 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 96 Resp: 25318

Ion	Ratio	Lower	Upper
96	100		
61	132.9	112.6	169.0
98	63.7	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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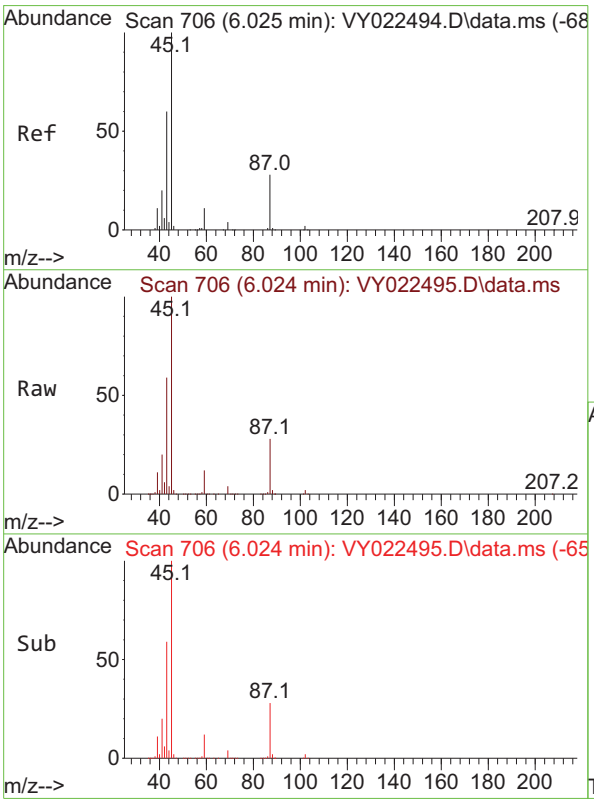
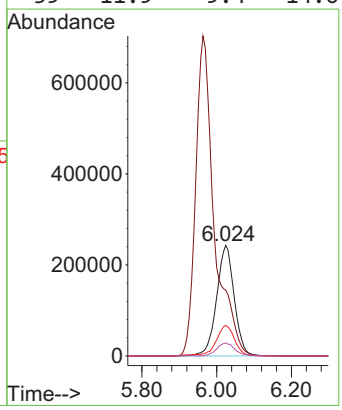
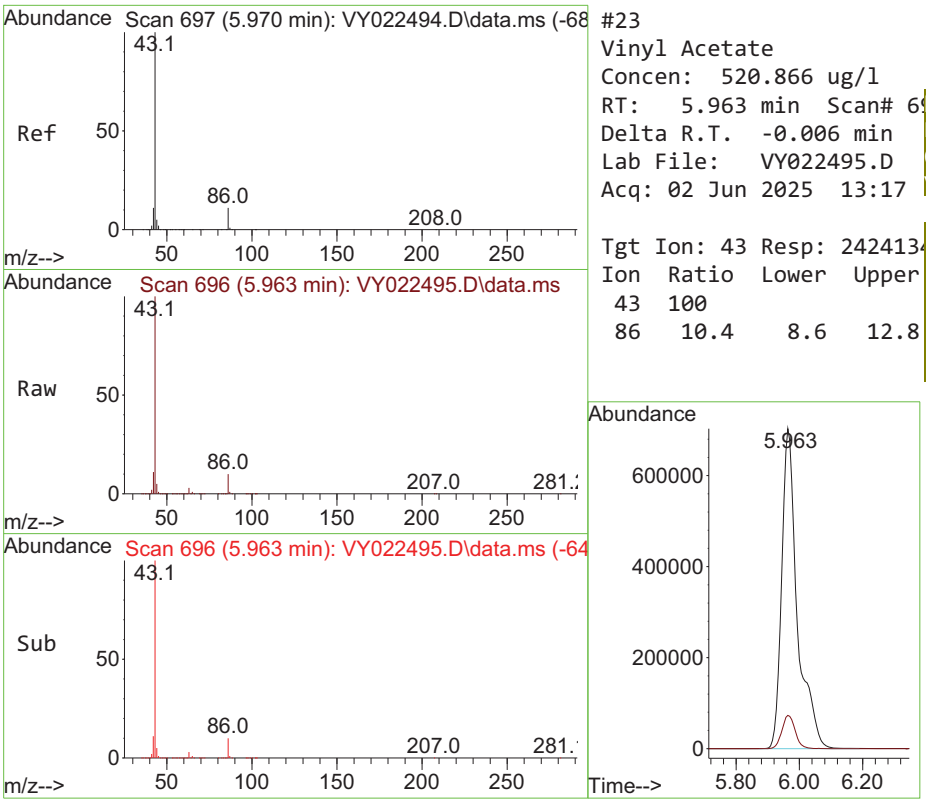


#22
Diisopropyl ether
Concen: 101.232 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 45 Resp: 794164

Ion	Ratio	Lower	Upper
45	100		
43	59.3	48.3	72.5
87	27.6	23.0	34.6
59	11.9	9.4	14.0





#23
Vinyl Acetate
Concen: 520.866 ug/l
RT: 5.963 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 242413

Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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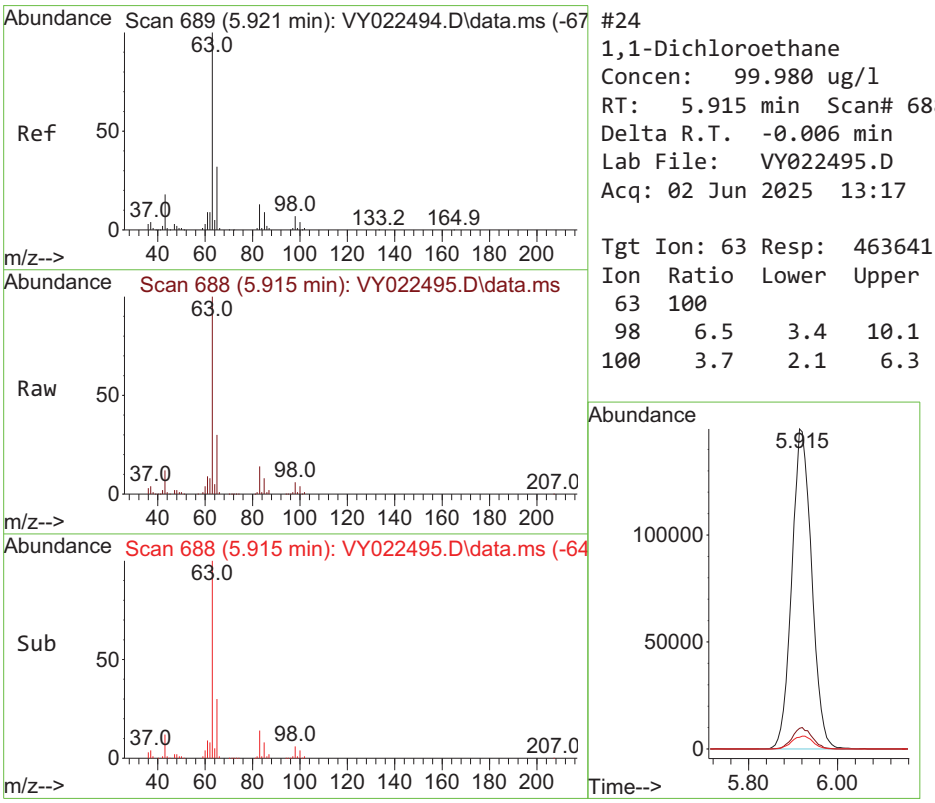
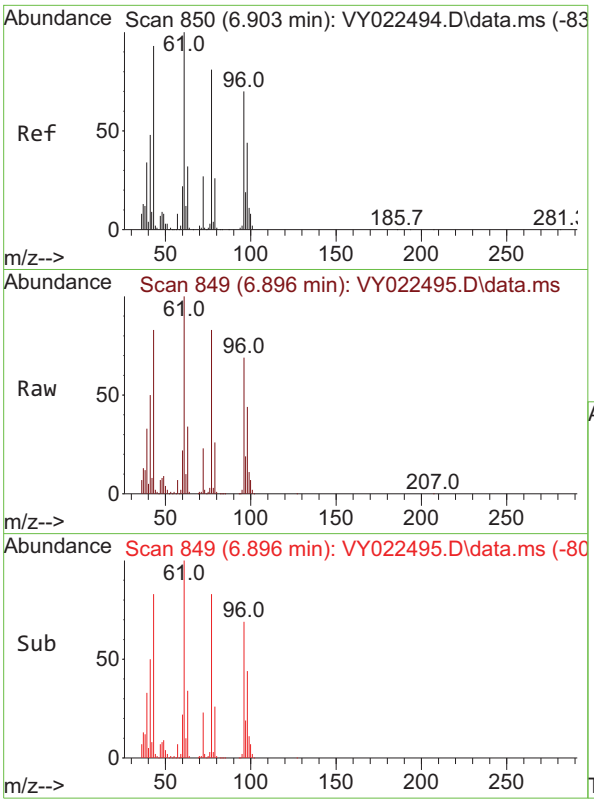


#24
1,1-Dichloroethane
Concen: 99.980 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 63 Resp: 463641

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.4	10.1
100	3.7	2.1	6.3



#25
2-Butanone
Concen: 512.798 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 35888

Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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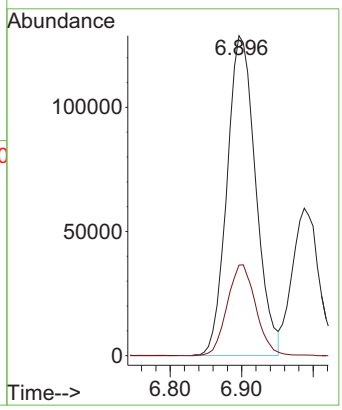
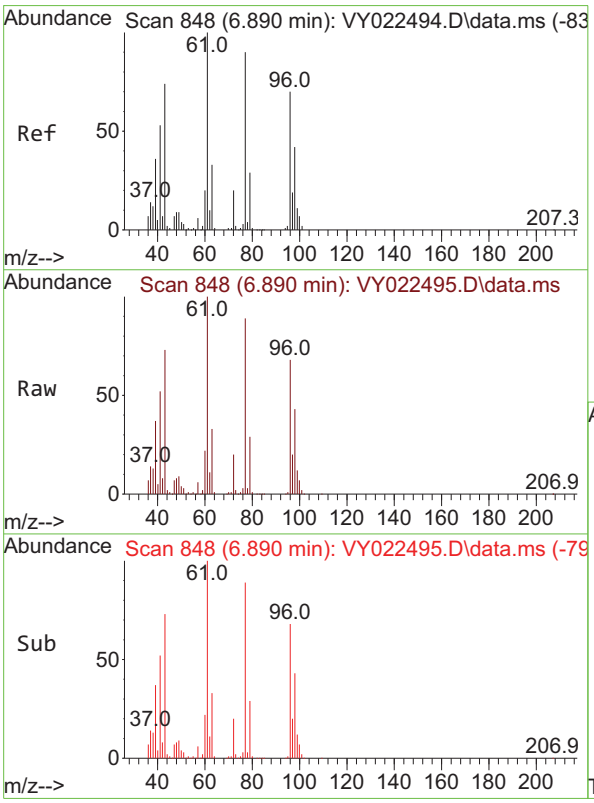
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

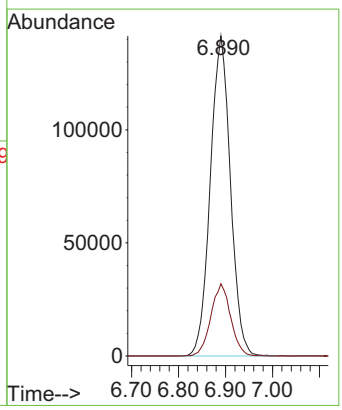


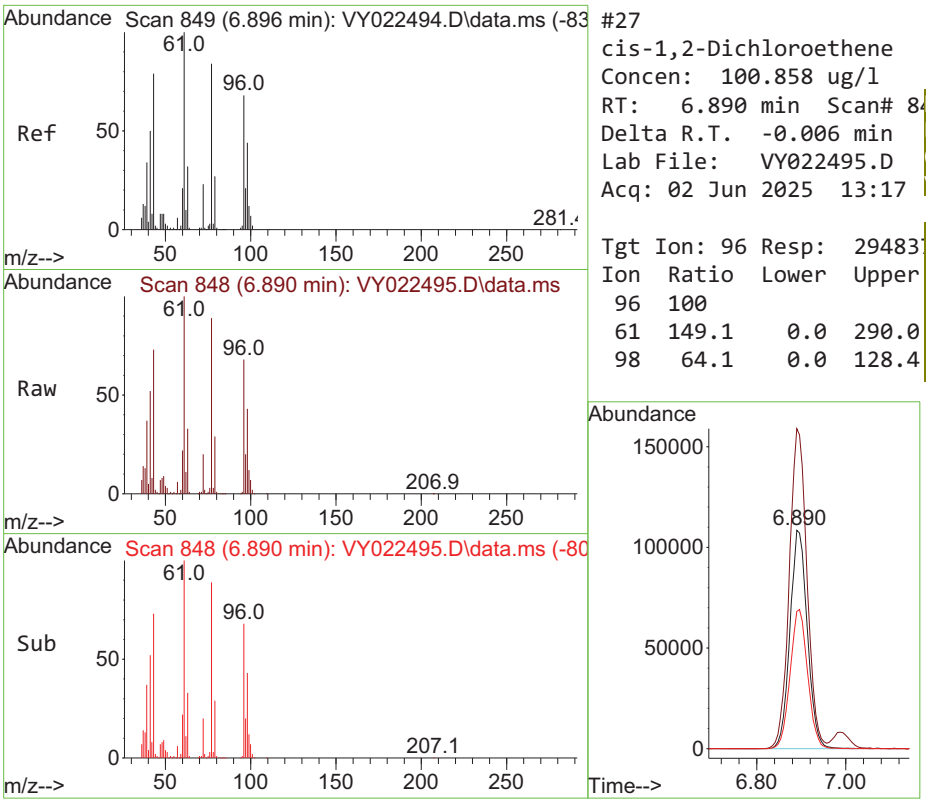


#26
2,2-Dichloropropane
Concen: 101.961 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 77 Resp: 420323

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2





#27
cis-1,2-Dichloroethene
Concen: 100.858 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 96 Resp: 29483

Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	290.0
98	64.1	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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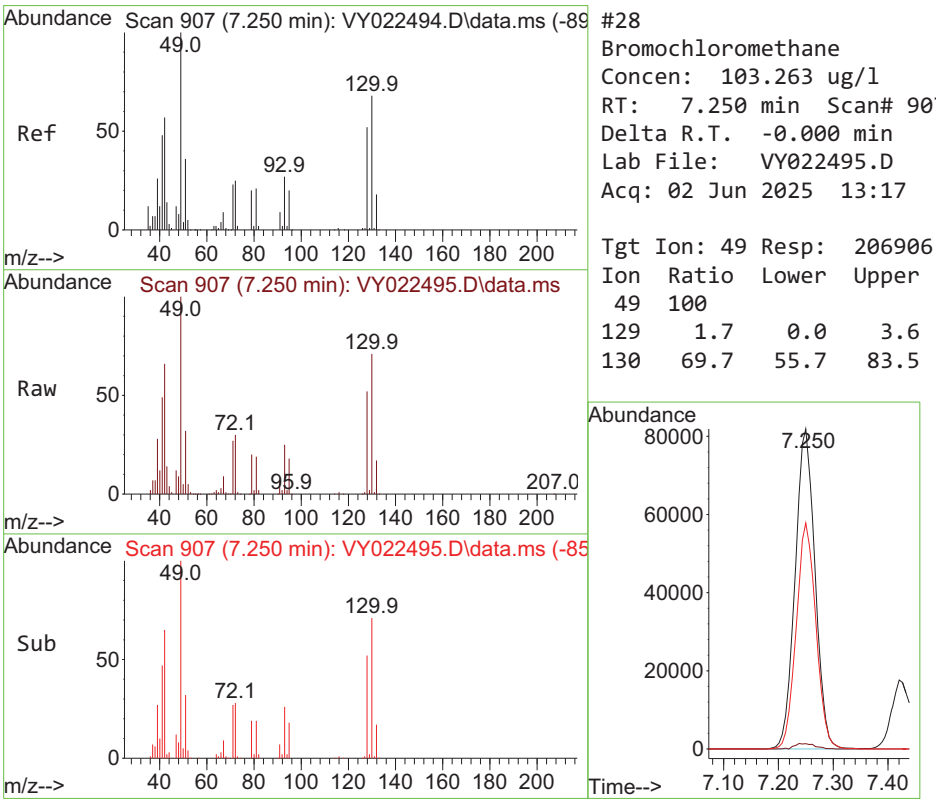
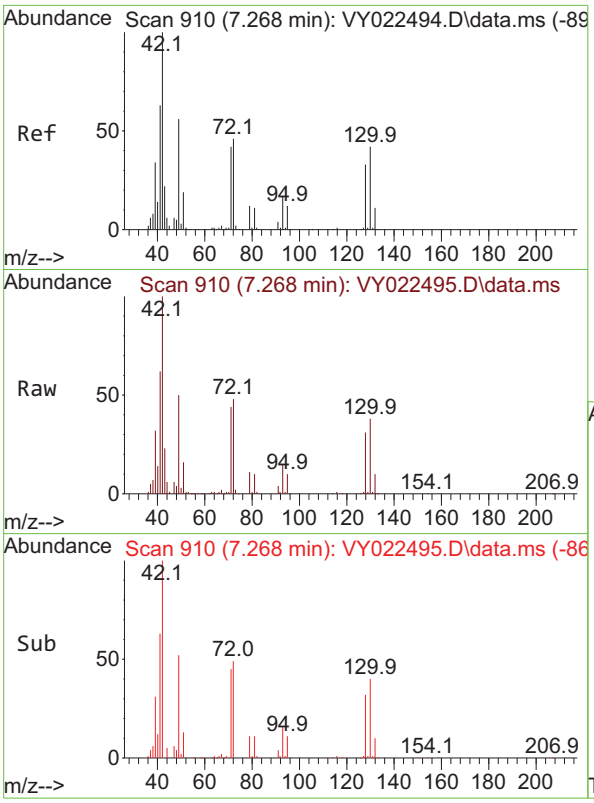
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#28
Bromochloromethane
Concen: 103.263 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 49 Resp: 206906

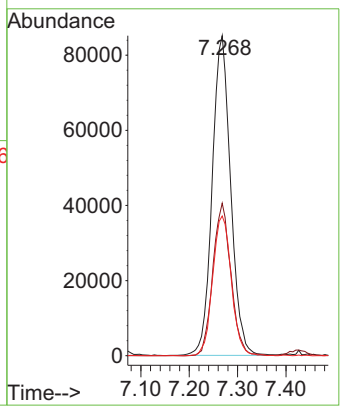
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	69.7	55.7	83.5



#29
Tetrahydrofuran
Concen: 501.243 ug/l
RT: 7.268 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 42 Resp: 22629

Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.4	56.2
71	44.1	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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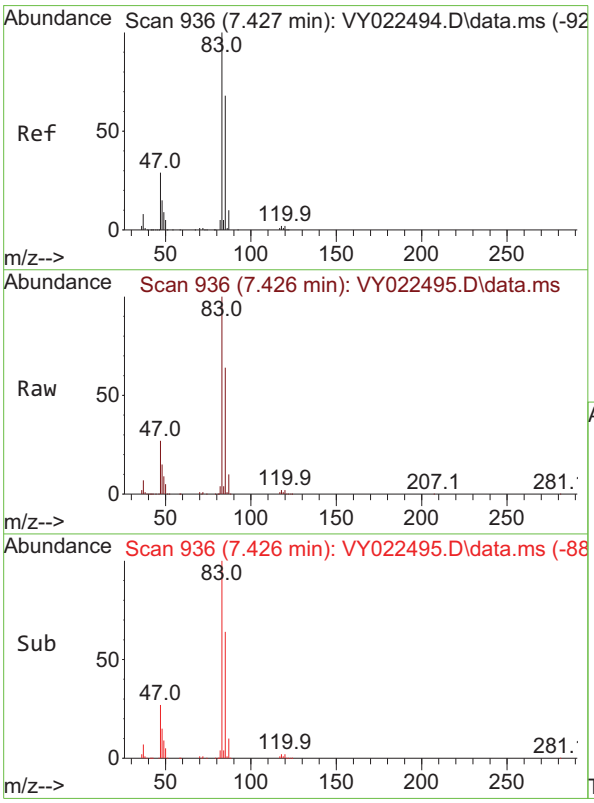
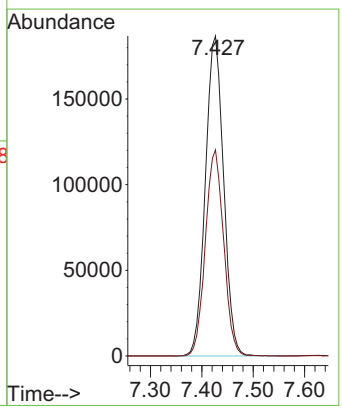
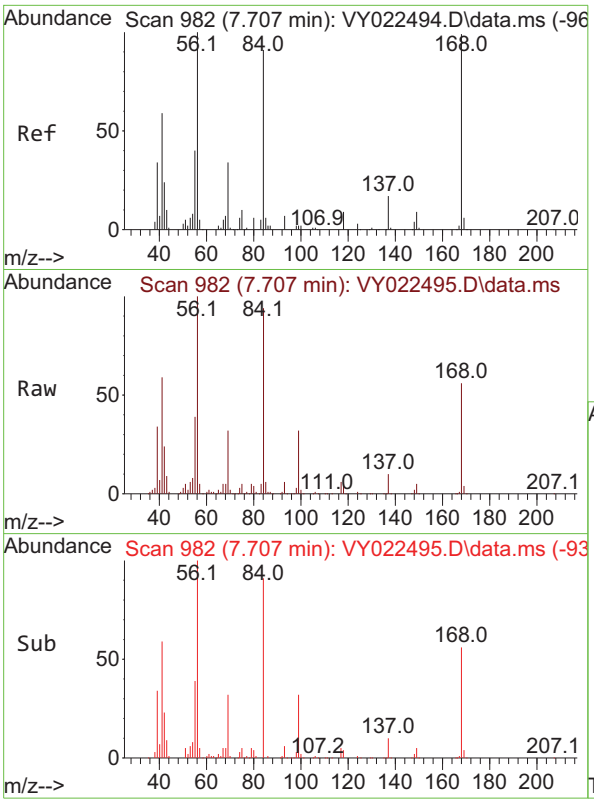


#30
Chloroform
Concen: 100.373 ug/l
RT: 7.426 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 83 Resp: 459957

Ion	Ratio	Lower	Upper
83	100		
85	64.4	54.2	81.4

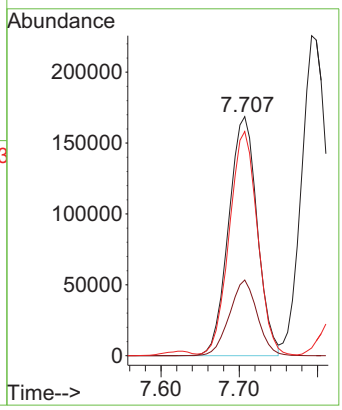




#31
Cyclohexane
Concen: 91.723 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 56 Resp: 42807

Ion	Ratio	Lower	Upper
56	100		
69	31.6	27.0	40.6
84	91.9	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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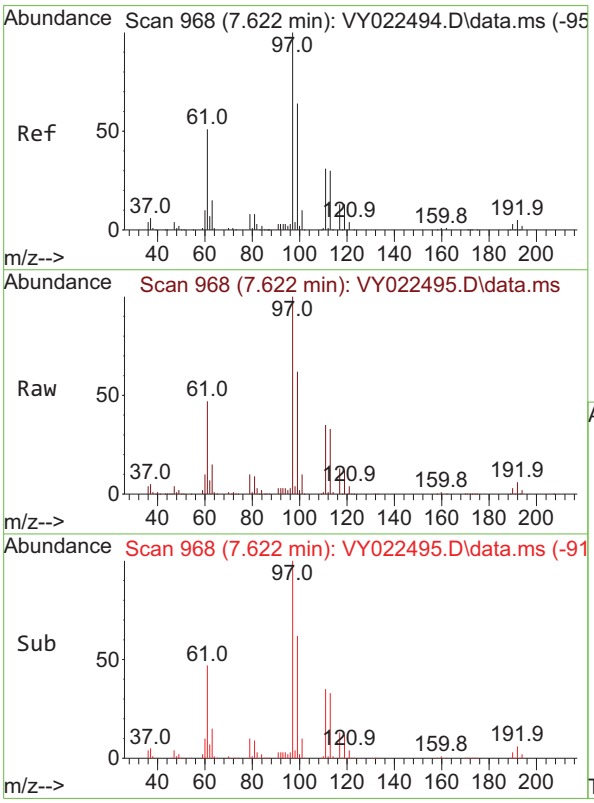
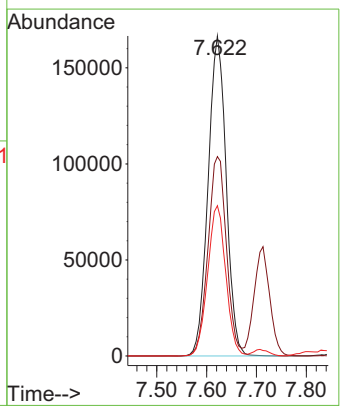
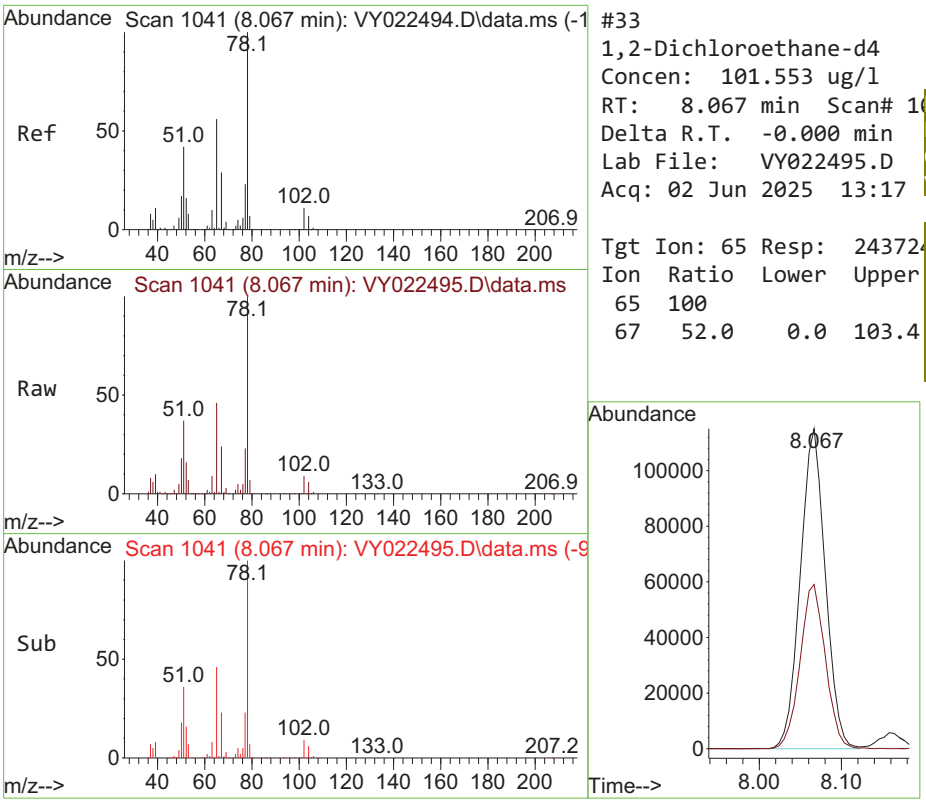


#32
1,1,1-Trichloroethane
Concen: 102.410 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 97 Resp: 419389

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.9	76.3
61	47.3	38.5	57.7





#33
1,2-Dichloroethane-d4
Concen: 101.553 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 65 Resp: 24372

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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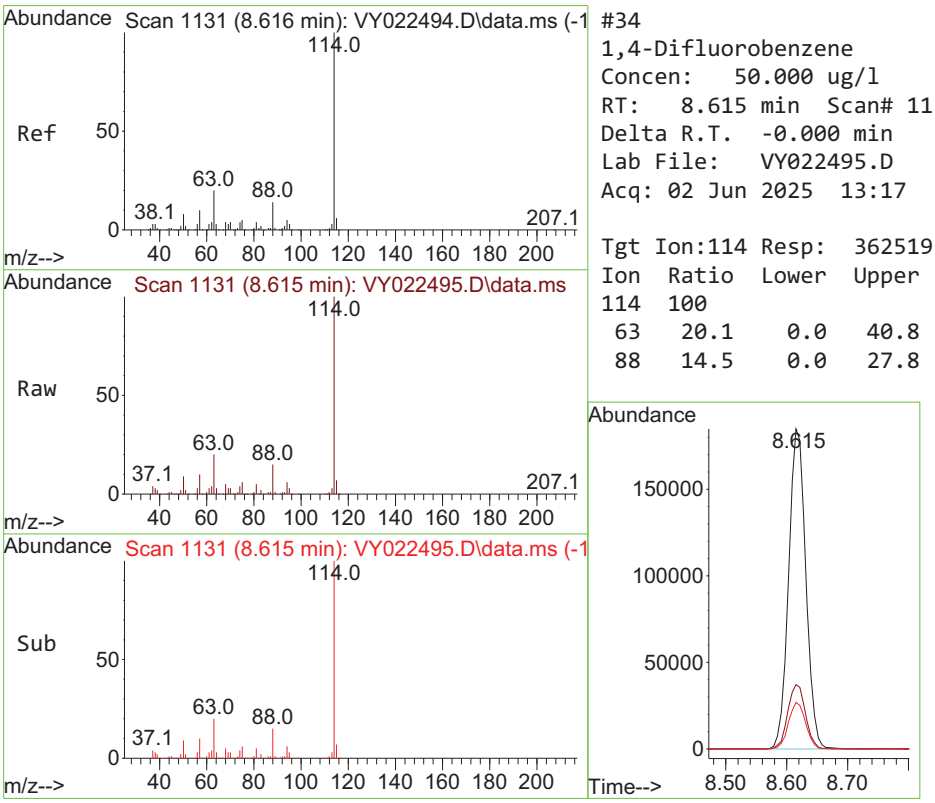
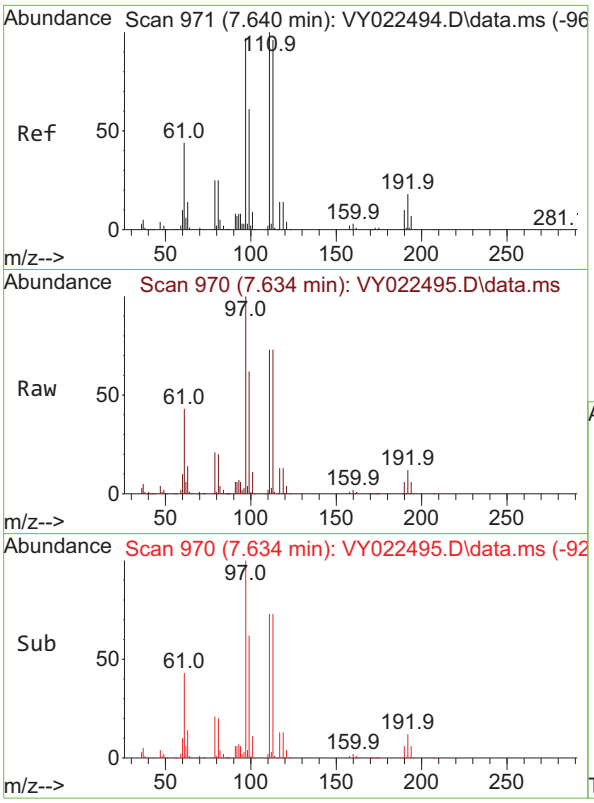
Supervised By :Mahesh Dadoda 06/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:114 Resp: 362519

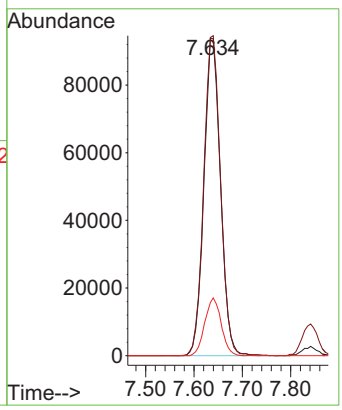
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	14.5	0.0	27.8



#35
Dibromofluoromethane
Concen: 104.234 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:113 Resp: 22244

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	18.2	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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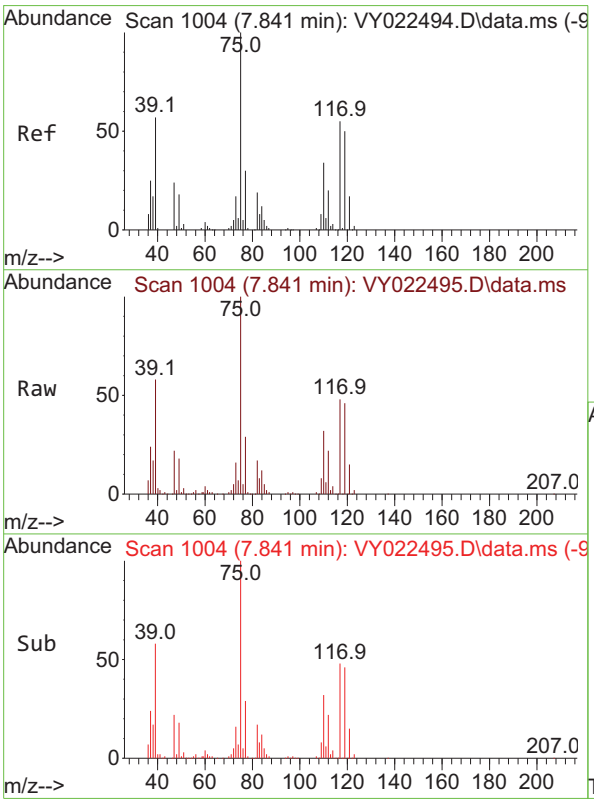
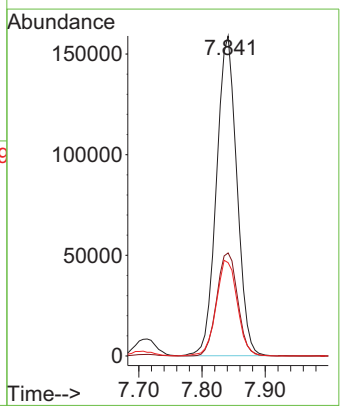
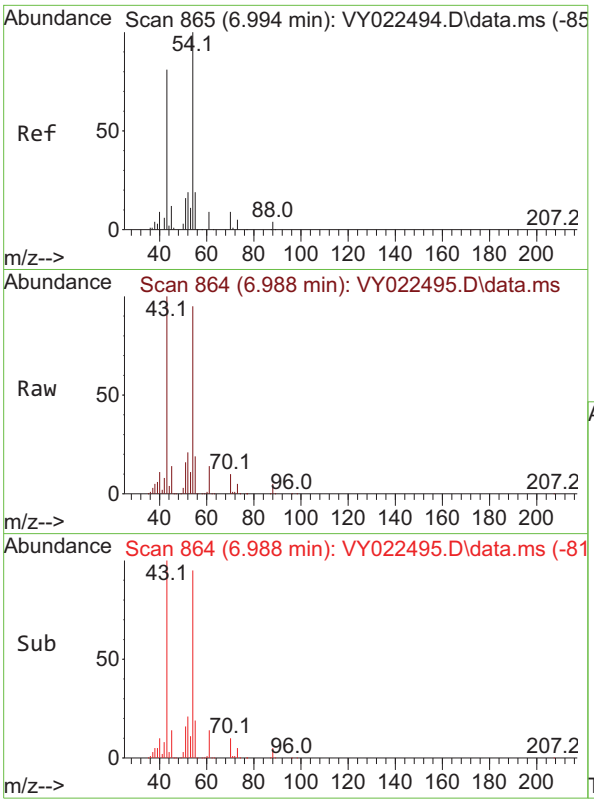


#36
1,1-Dichloropropene
Concen: 103.070 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 355563

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.9	50.7
77	31.1	24.8	37.2





#37
Ethyl Acetate
Concen: 105.336 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 15992

Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.5	17.3
70	9.3	7.2	10.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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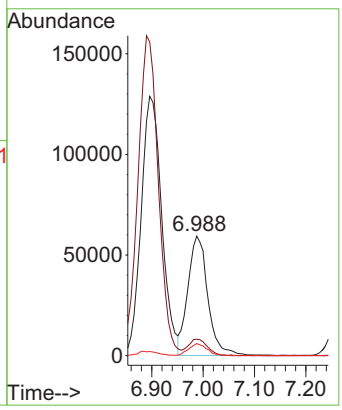
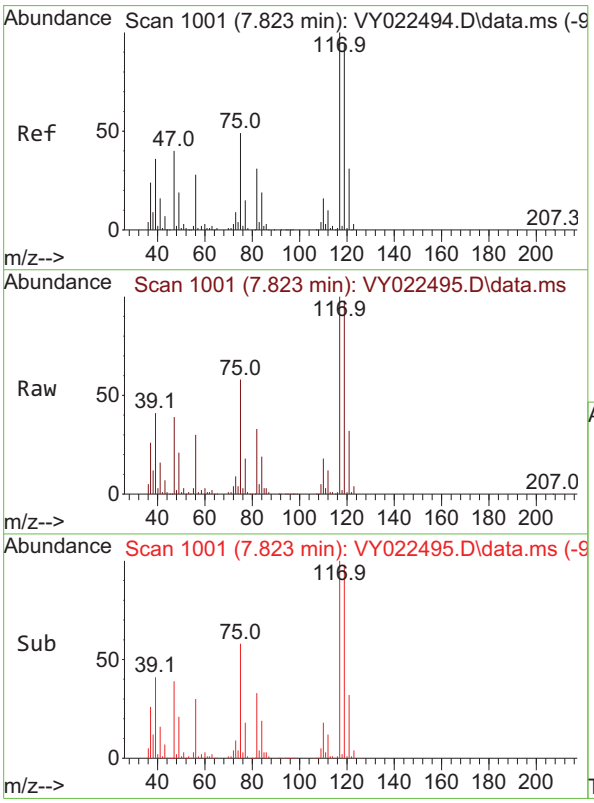
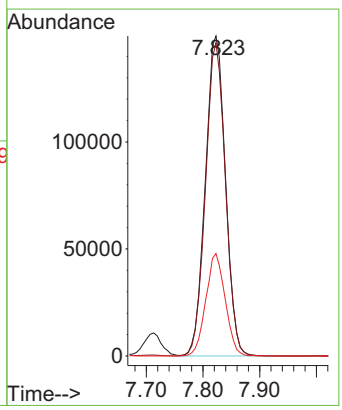


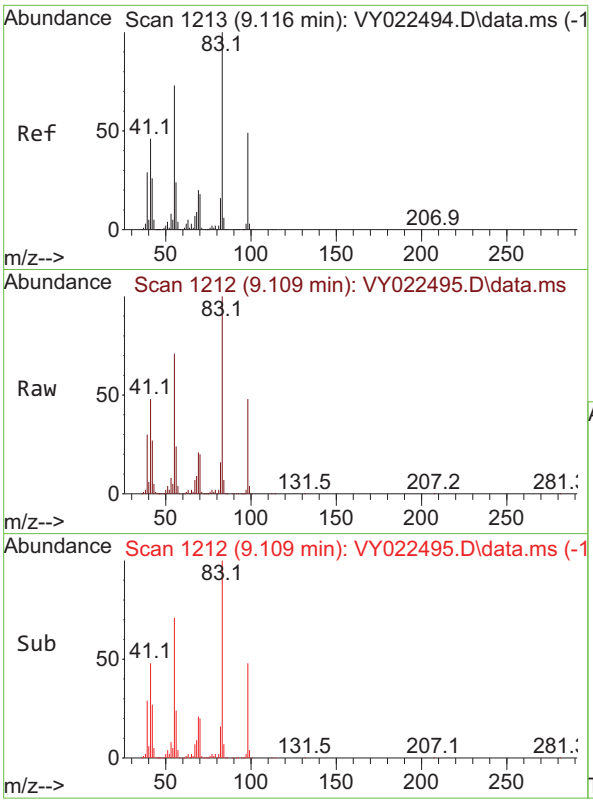


#38
Carbon Tetrachloride
Concen: 103.651 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:117 Resp: 368617

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.0	112.6
121	32.0	25.0	37.4

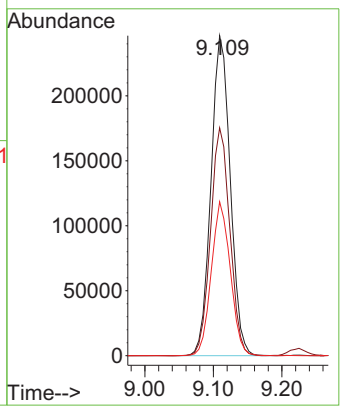




#39
Methylcyclohexane
Concen: 103.323 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 83 Resp: 48151

Ion	Ratio	Lower	Upper
83	100		
55	71.2	58.1	87.1
98	48.1	39.0	58.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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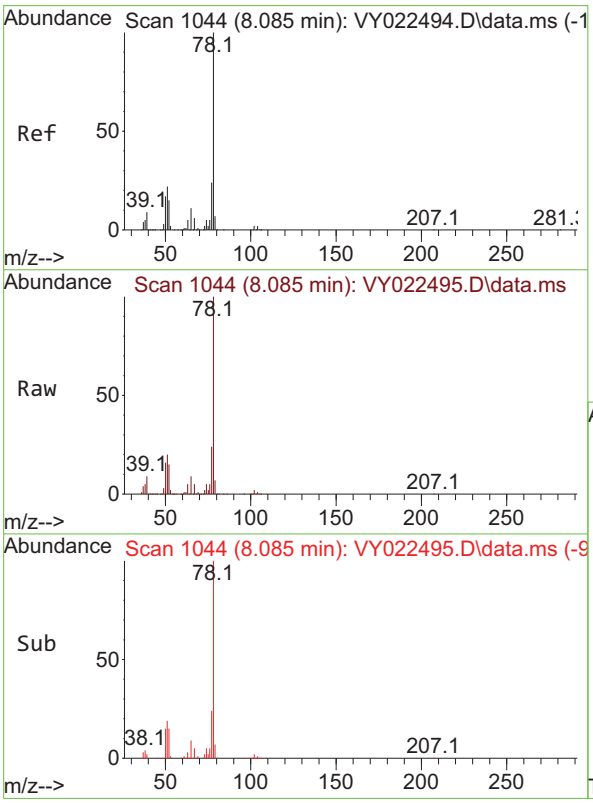
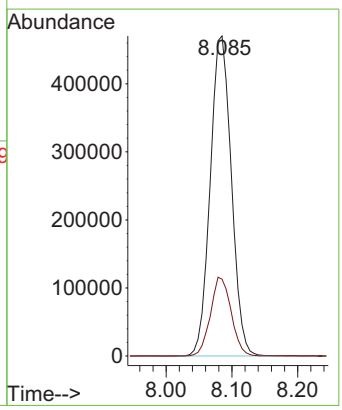
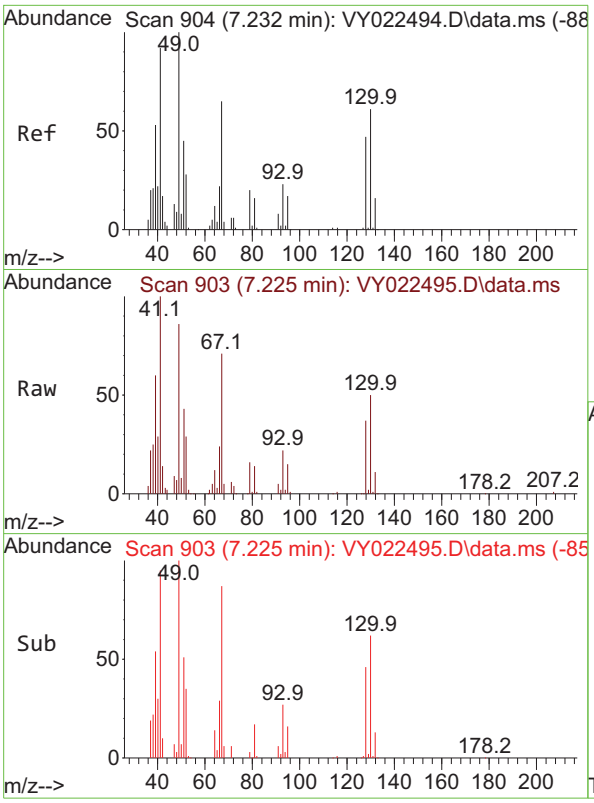


#40
Benzene
Concen: 103.542 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 78 Resp: 1052881

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9

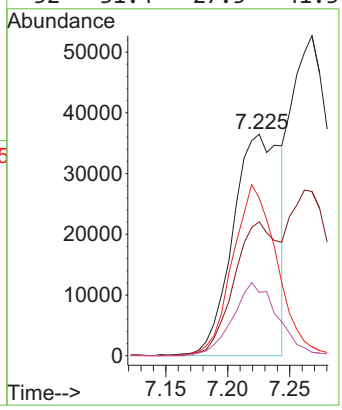




#41
Methacrylonitrile
Concen: 99.893 ug/l m
RT: 7.225 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 9767

Ion	Ratio	Lower	Upper
41	100		
39	57.6	46.6	69.8
67	72.4	63.3	94.9
52	31.4	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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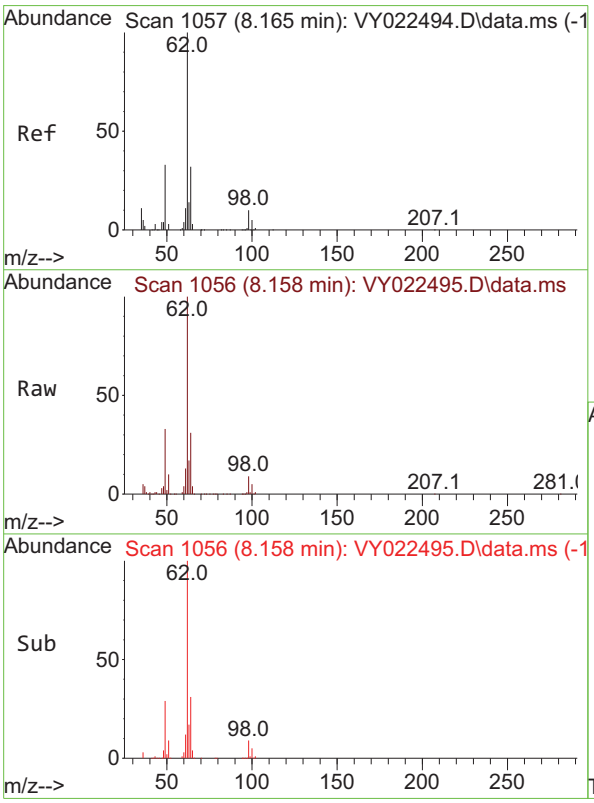
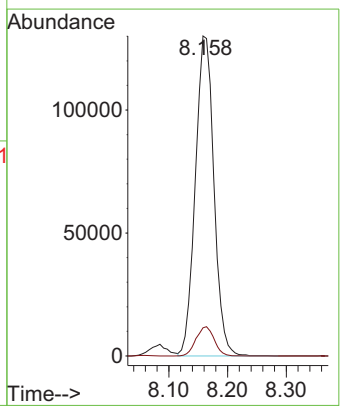
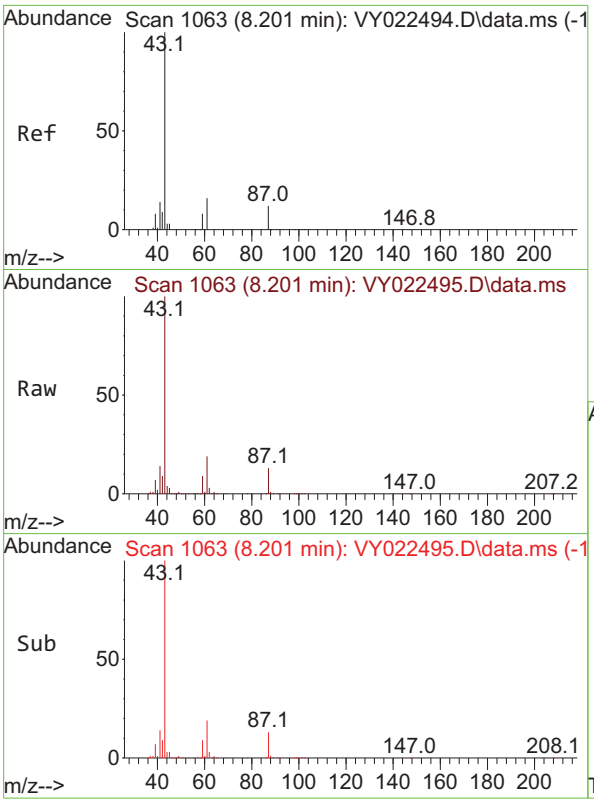


#42
1,2-Dichloroethane
Concen: 103.504 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 62 Resp: 286305

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2

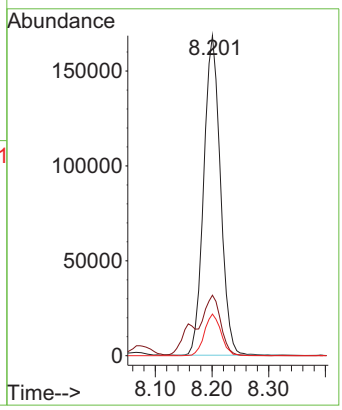




#43
Isopropyl Acetate
Concen: 103.721 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 34411

Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.6	23.4
87	13.0	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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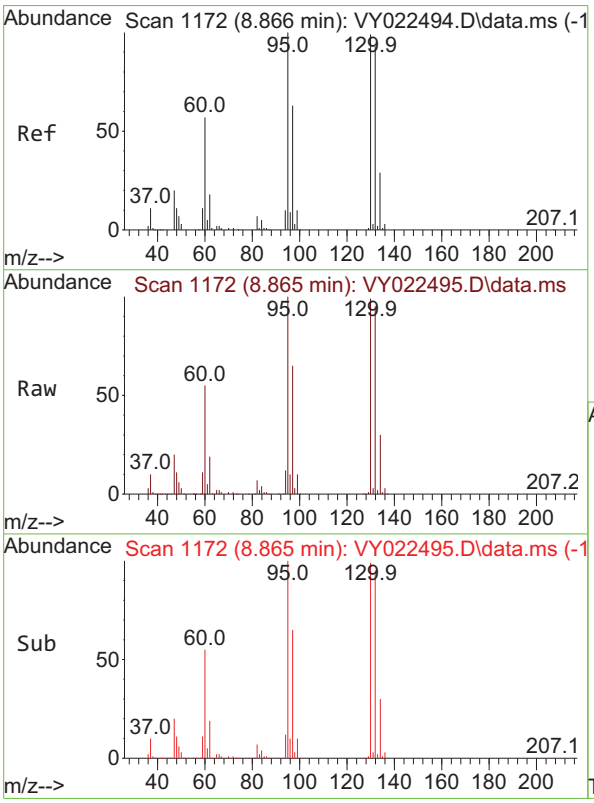
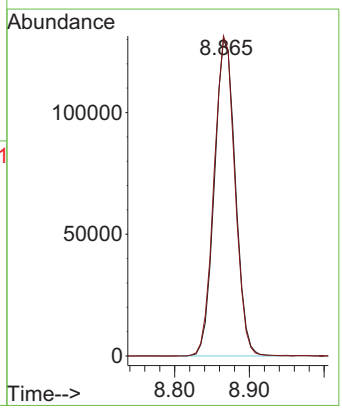
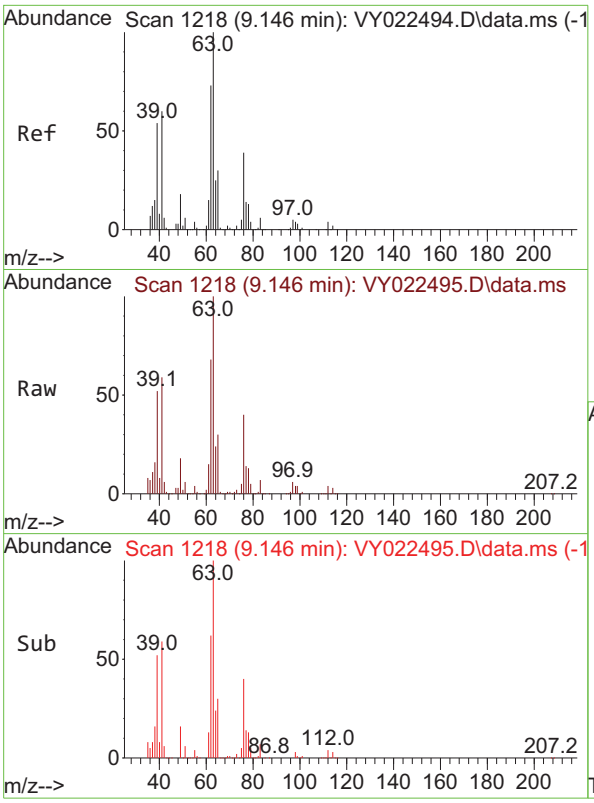


#44
Trichloroethene
Concen: 102.104 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:130 Resp: 253632

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	203.0

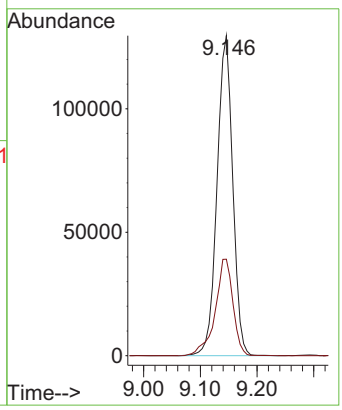




#45
1,2-Dichloropropane
Concen: 102.865 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 63 Resp: 24936

Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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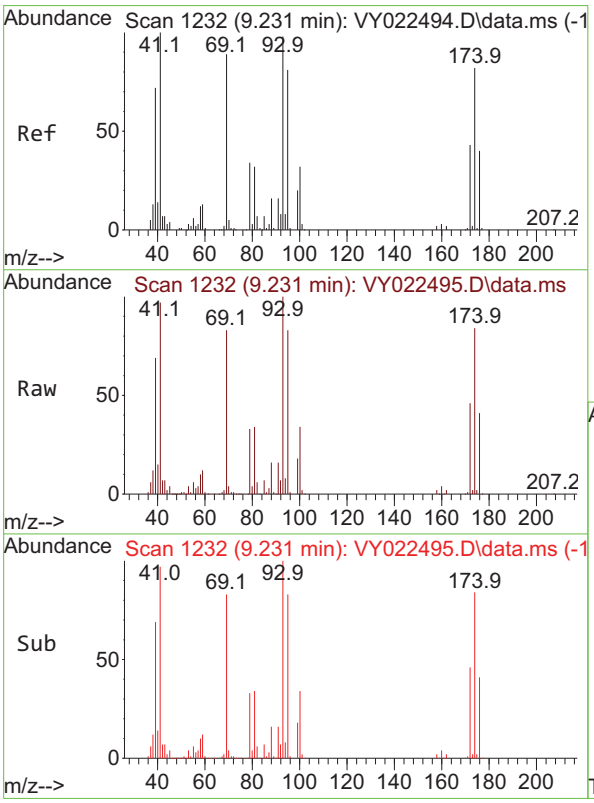
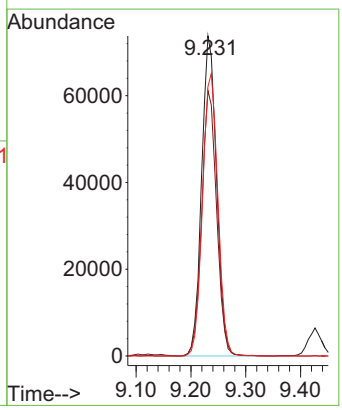
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

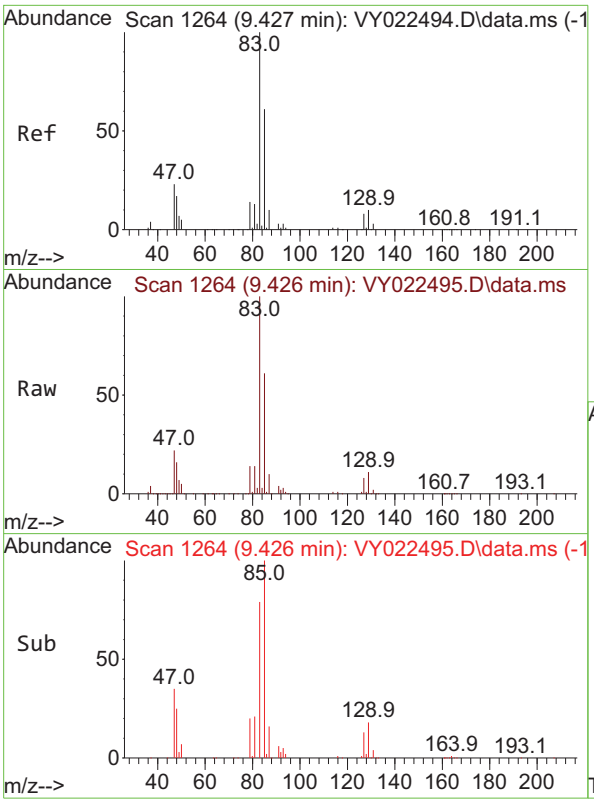


#46
Dibromomethane
Concen: 102.605 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 93 Resp: 139349

Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.6	98.4
174	90.4	70.4	105.6

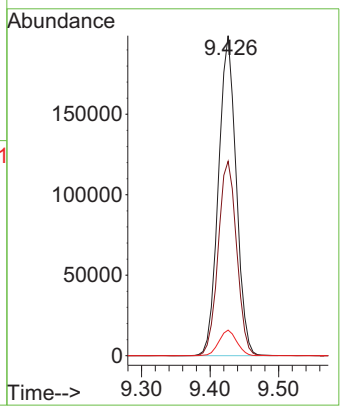




#47
Bromodichloromethane
Concen: 103.321 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 83 Resp: 35602

Ion	Ratio	Lower	Upper
83	100		
85	60.7	49.1	73.7
127	8.0	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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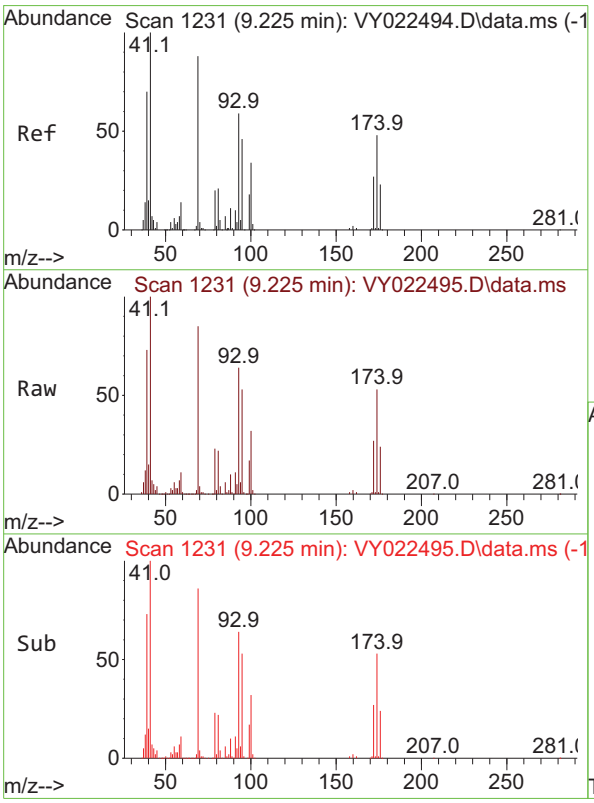
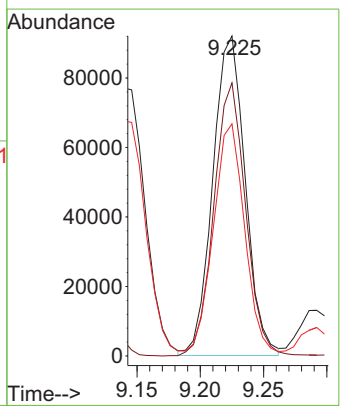
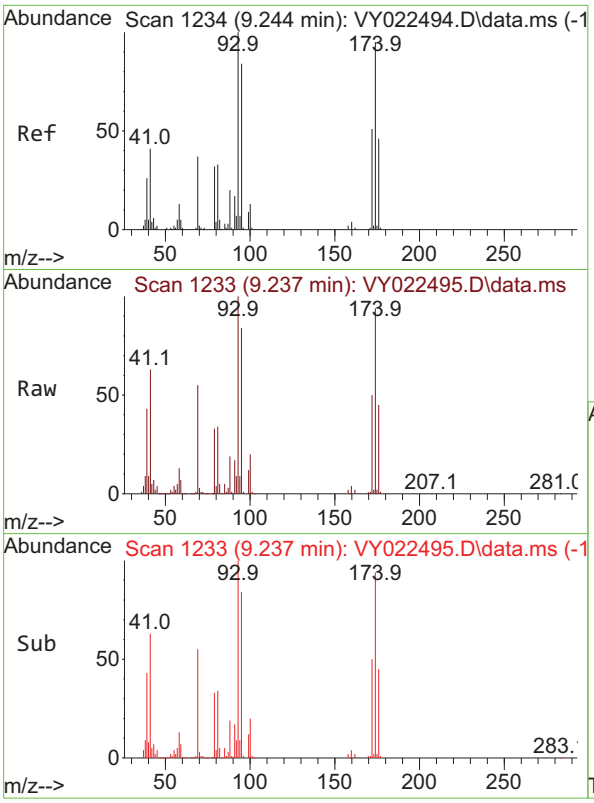


#48
Methyl methacrylate
Concen: 107.875 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 163867

Ion	Ratio	Lower	Upper
41	100		
69	84.0	67.8	101.8
39	68.0	55.0	82.4

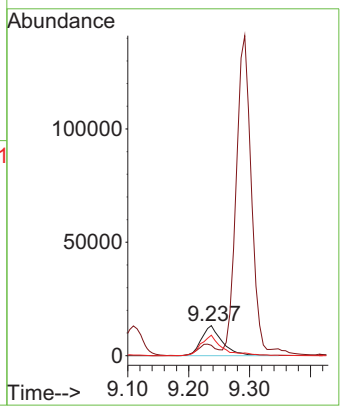




#49
1,4-Dioxane
Concen: 1955.012 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 88 Resp: 3167

Ion	Ratio	Lower	Upper
88	100		
43	35.0	25.4	38.2
58	69.1	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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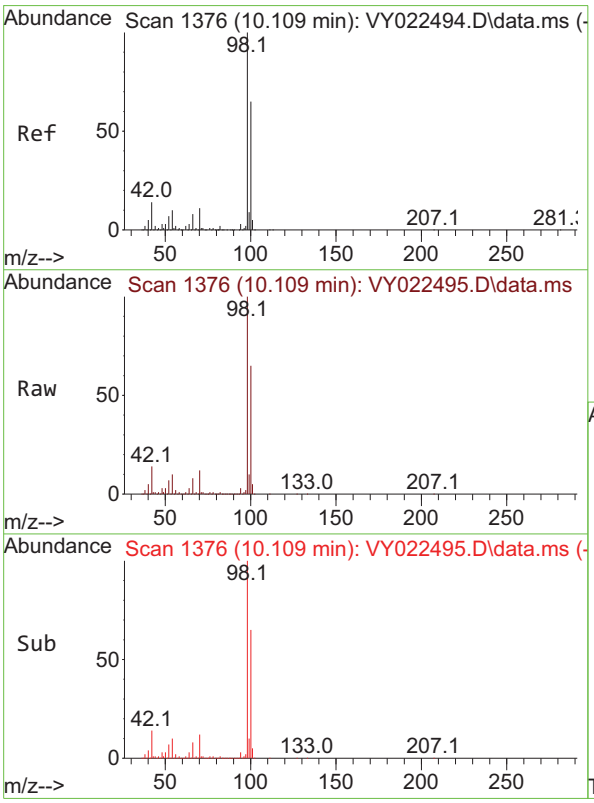
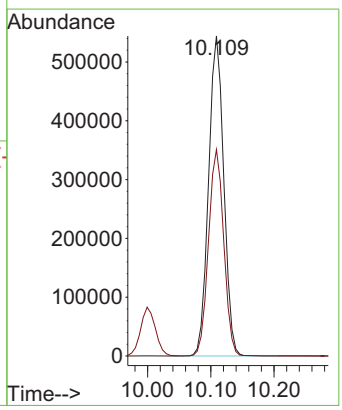
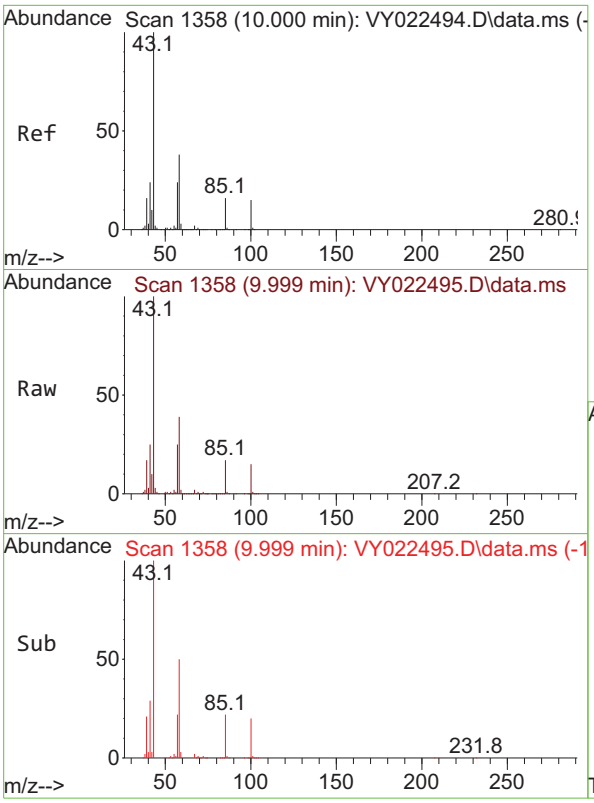


#50
Toluene-d8
Concen: 105.318 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 98 Resp: 908424

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 537.390 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 88489

Ion	Ratio	Lower	Upper
43	100		
58	39.3	30.4	45.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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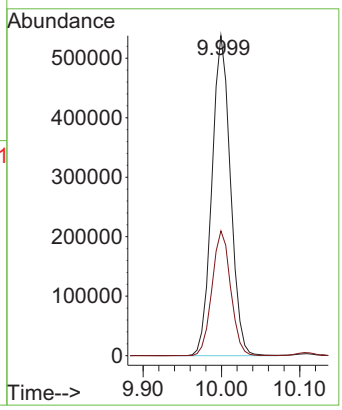
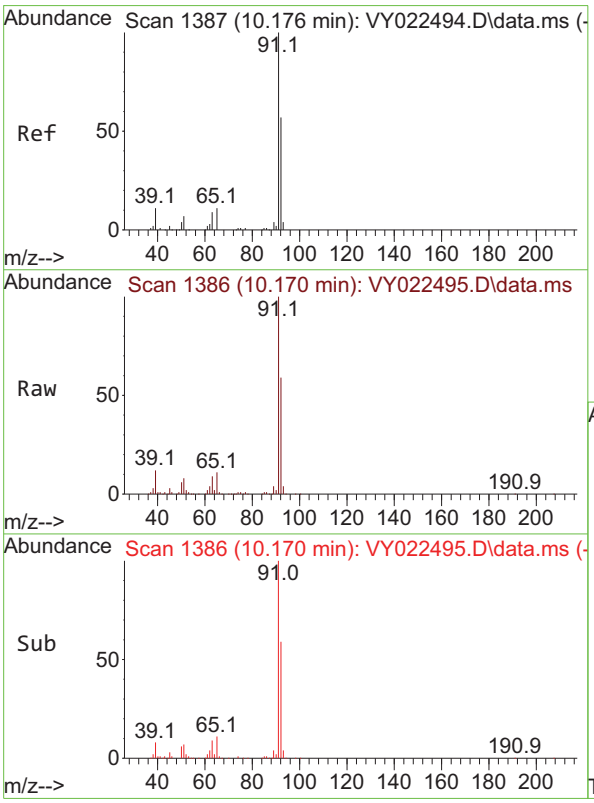
Supervised By :Mahesh Dadoda 06/03/2025

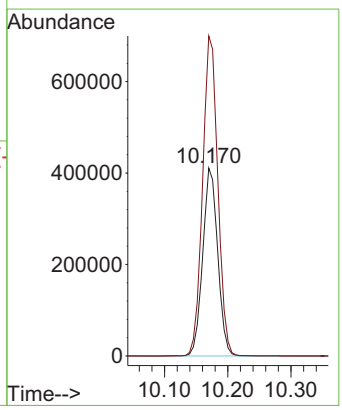


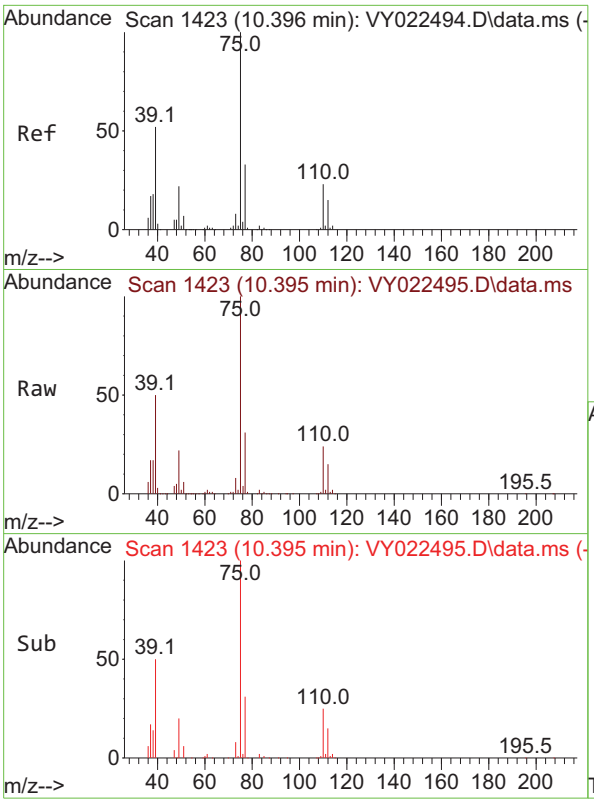


#52
Toluene
Concen: 105.821 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 92 Resp: 676554

Ion	Ratio	Lower	Upper
92	100		
91	173.1	139.0	208.4

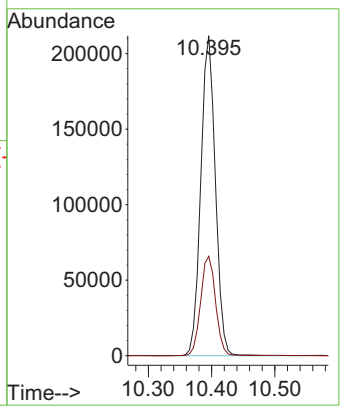




#53
t-1,3-Dichloropropene
Concen: 106.548 ug/l
RT: 10.395 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 33964

Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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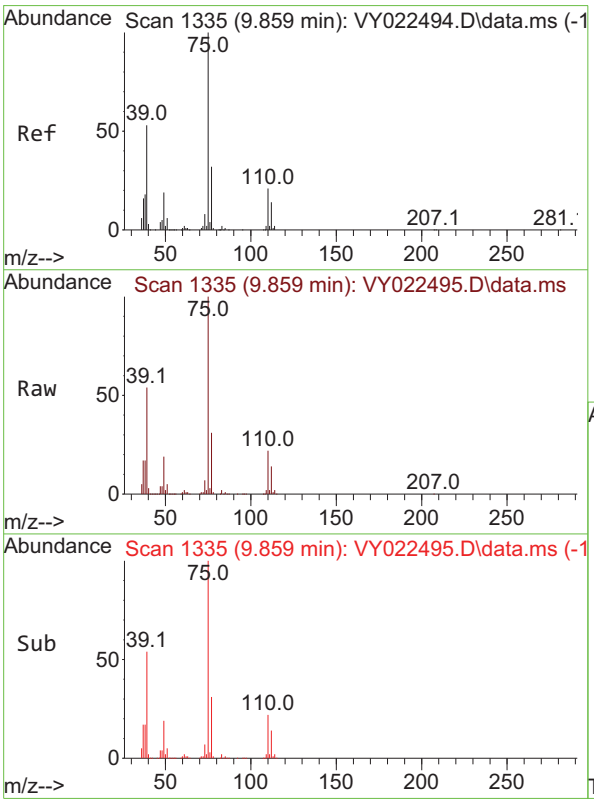
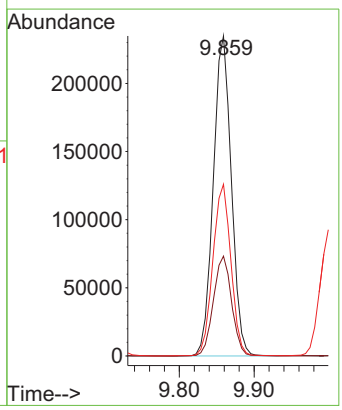
Supervised By :Mahesh Dadoda 06/03/2025

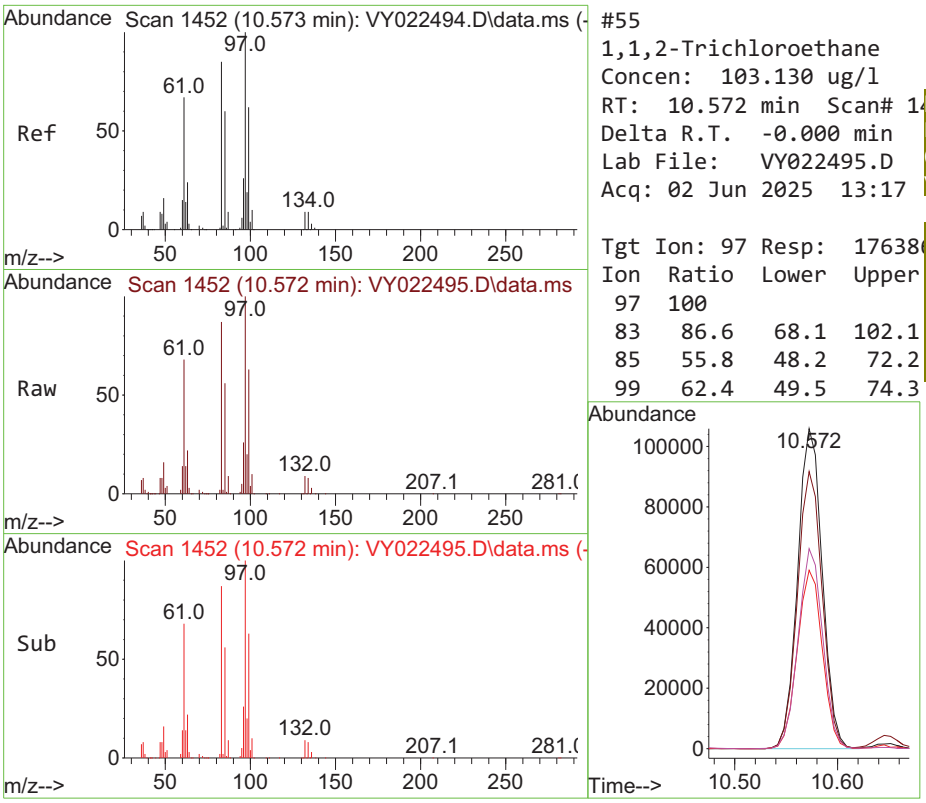


#54
cis-1,3-Dichloropropene
Concen: 105.579 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 394647

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9
39	53.6	42.7	64.1





#55
1,1,2-Trichloroethane
Concen: 103.130 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 97 Resp: 17638

Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.1	102.1
85	55.8	48.2	72.2
99	62.4	49.5	74.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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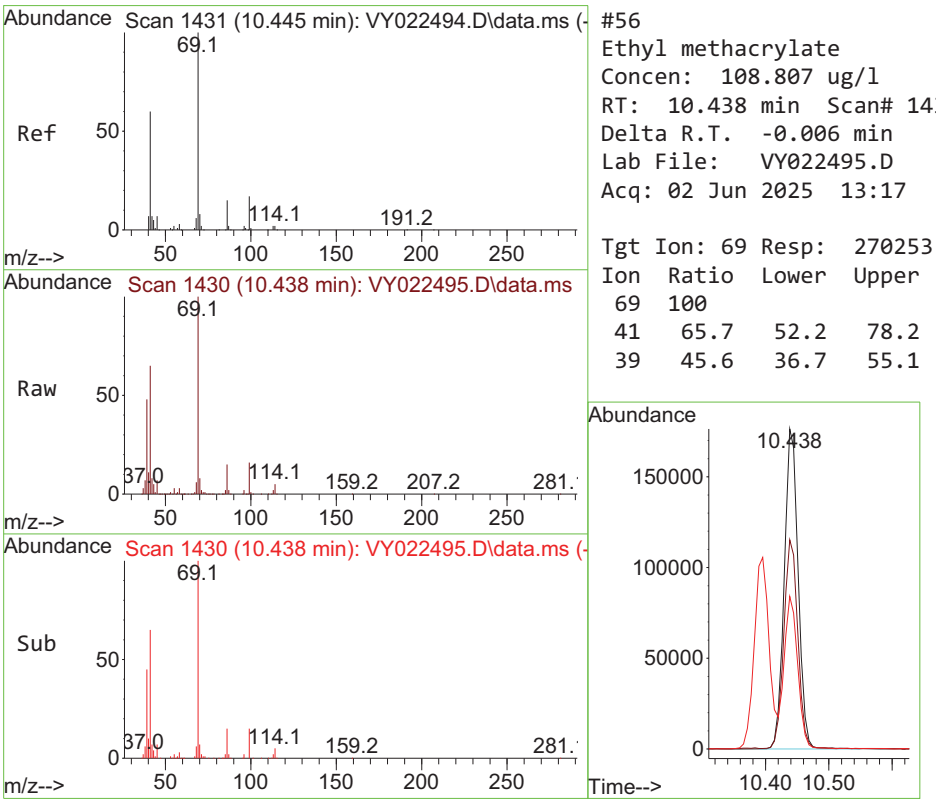
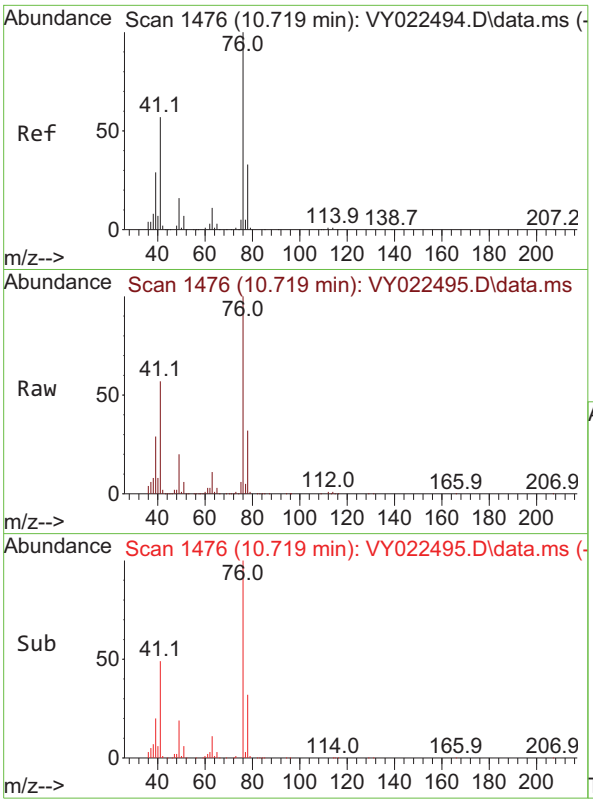
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#56
Ethyl methacrylate
Concen: 108.807 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 69 Resp: 270253

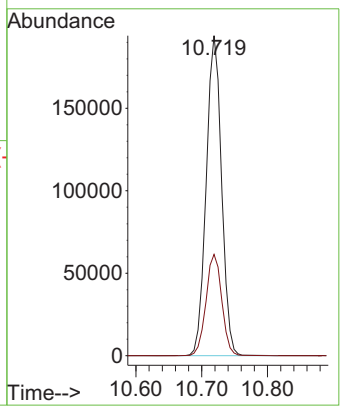
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	45.6	36.7	55.1



#57
1,3-Dichloropropane
Concen: 103.374 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 76 Resp: 31488

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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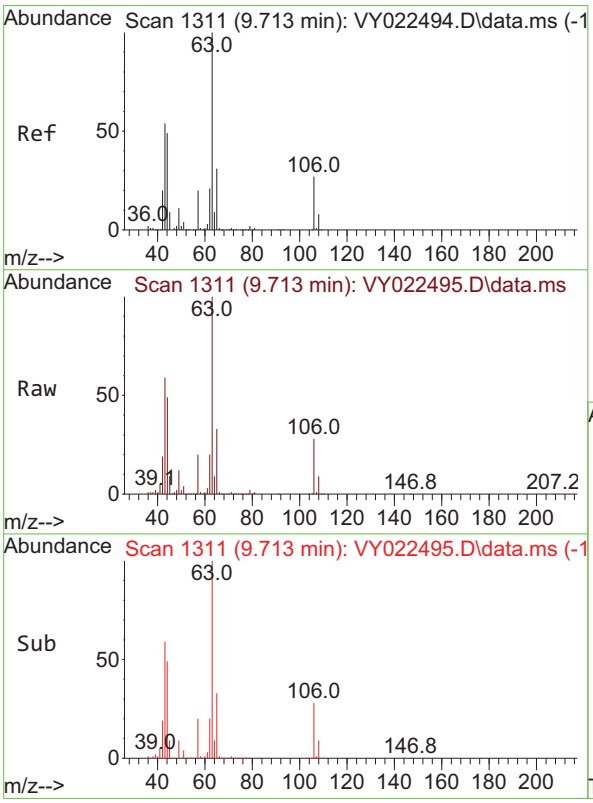
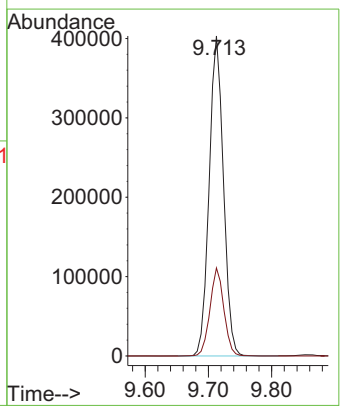
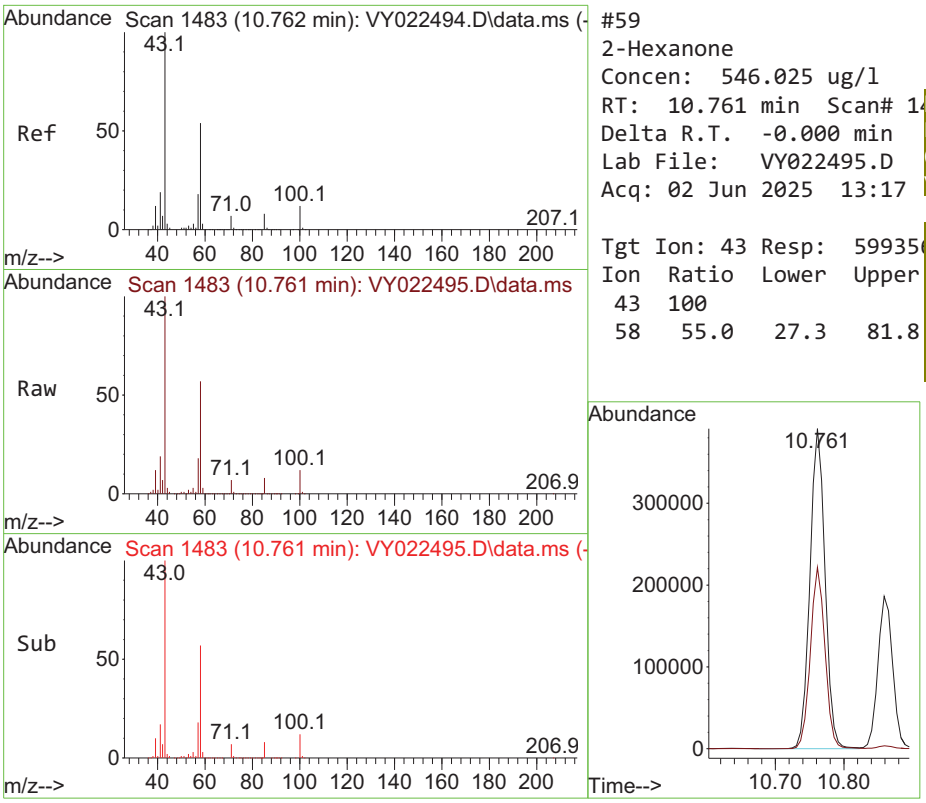


#58
2-Chloroethyl Vinyl ether
Concen: 570.744 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 63 Resp: 631985

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4





#59
2-Hexanone
Concen: 546.025 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 59935

Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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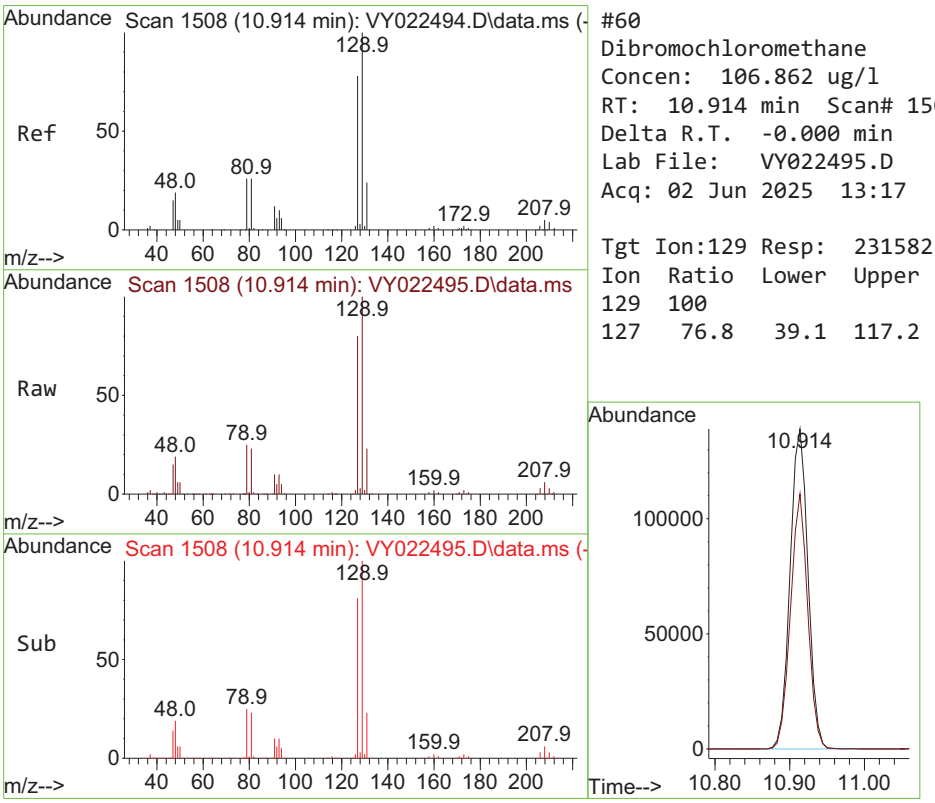
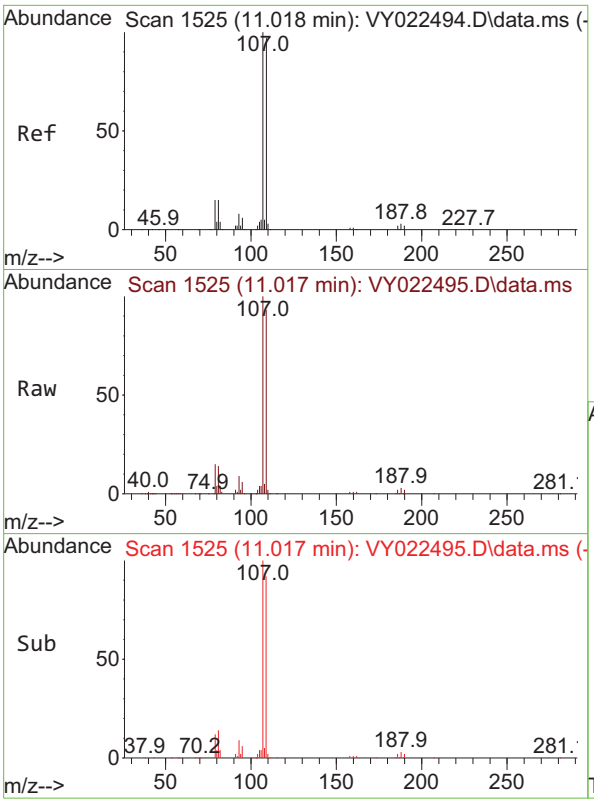
Supervised By :Mahesh Dadoda 06/03/2025



#60
Dibromochloromethane
Concen: 106.862 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:129 Resp: 231582

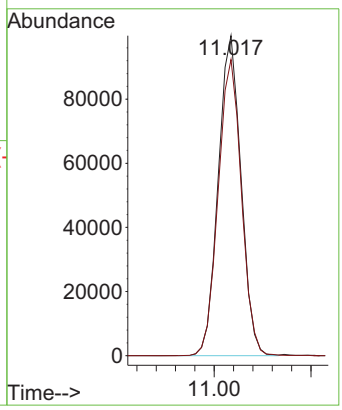
Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.1	117.2



#61
1,2-Dibromoethane
Concen: 103.182 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:107 Resp: 16284

Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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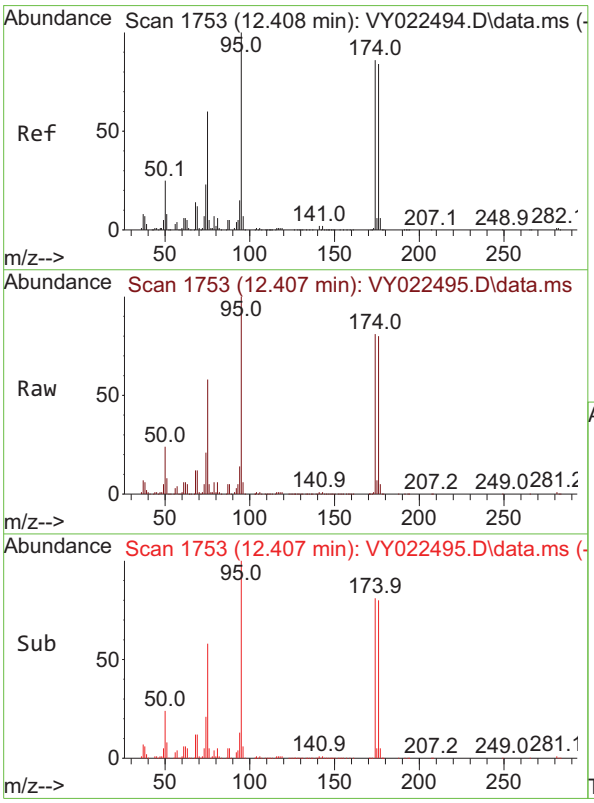
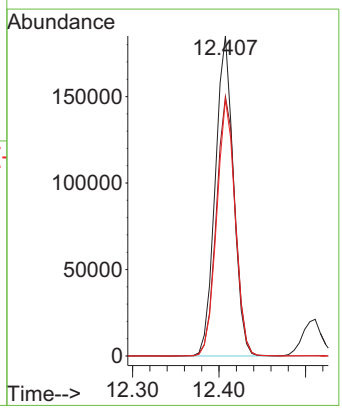
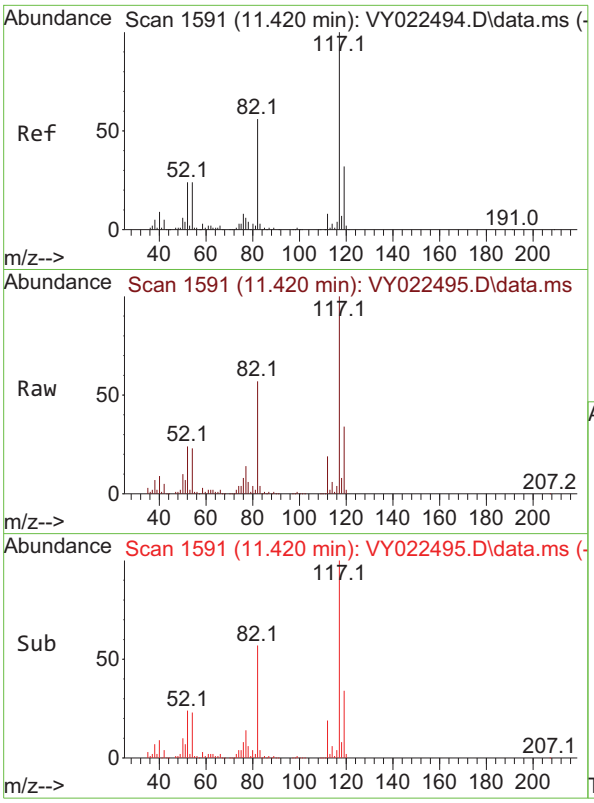


#62
4-Bromofluorobenzene
Concen: 103.359 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 95 Resp: 270310

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	170.0
176	80.8	0.0	166.2

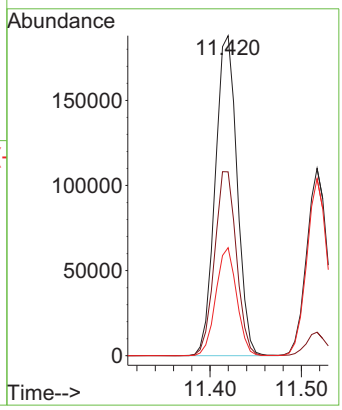




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:117 Resp: 31274

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	66.8
119	33.8	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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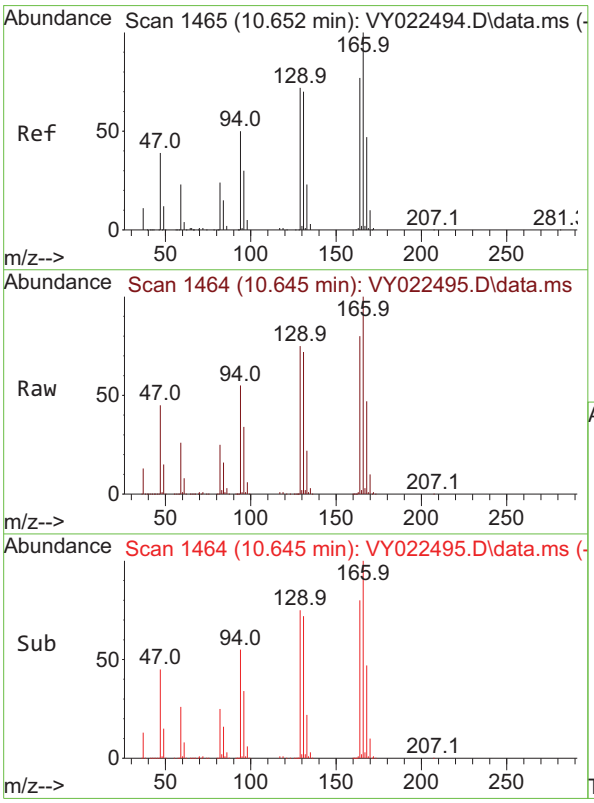
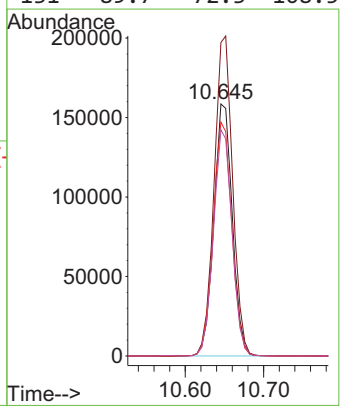
Supervised By :Mahesh Dadoda 06/03/2025

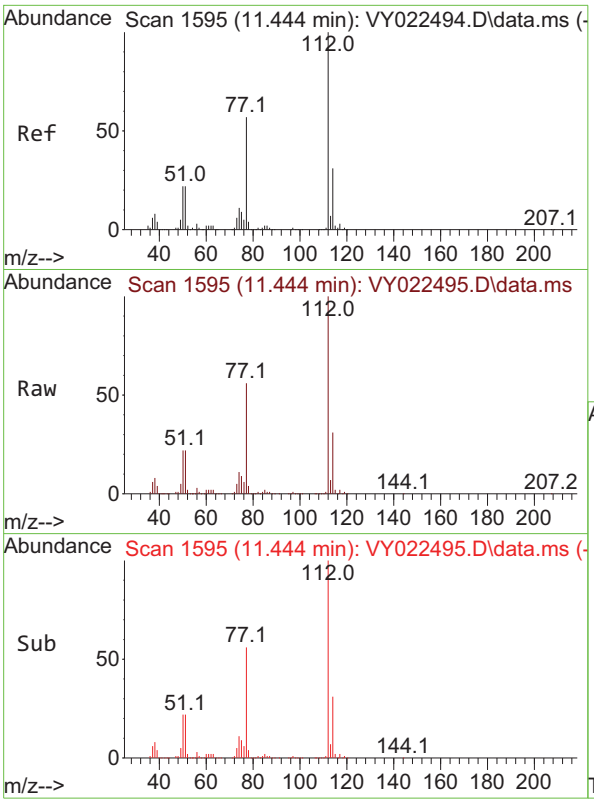


#64
Tetrachloroethene
Concen: 97.857 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:164 Resp: 260085

Ion	Ratio	Lower	Upper
164	100		
166	124.4	104.0	156.0
129	92.8	74.5	111.7
131	89.7	72.3	108.5

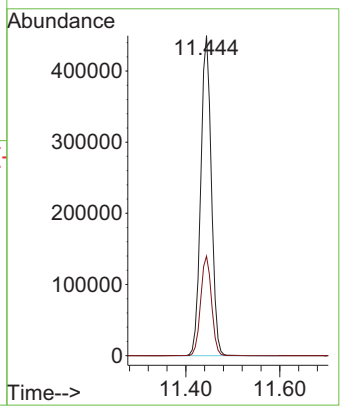




#65
Chlorobenzene
Concen: 103.277 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:112 Resp: 70036

Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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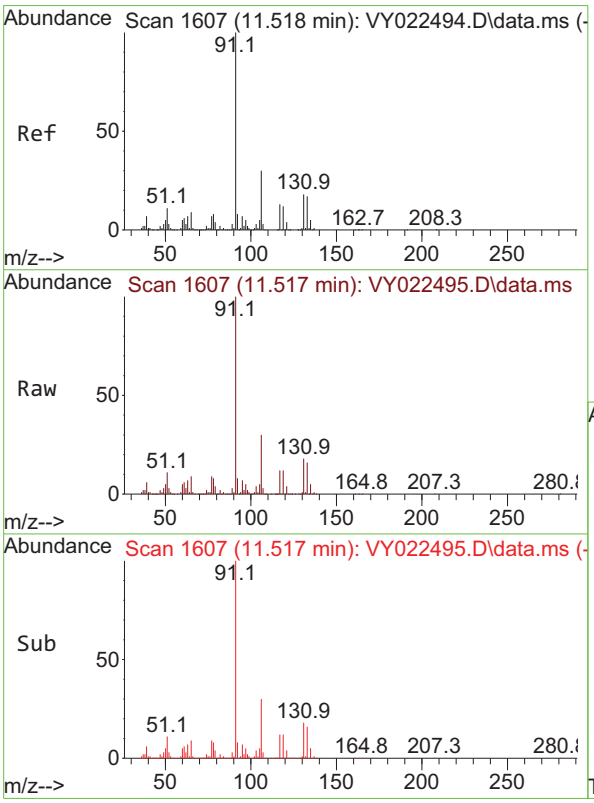
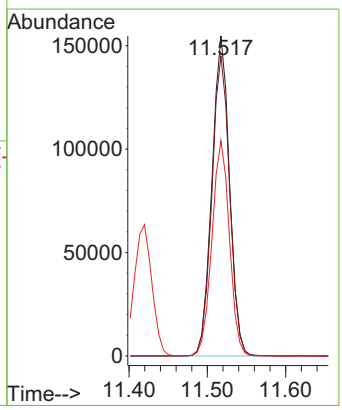
Supervised By :Mahesh Dadoda 06/03/2025

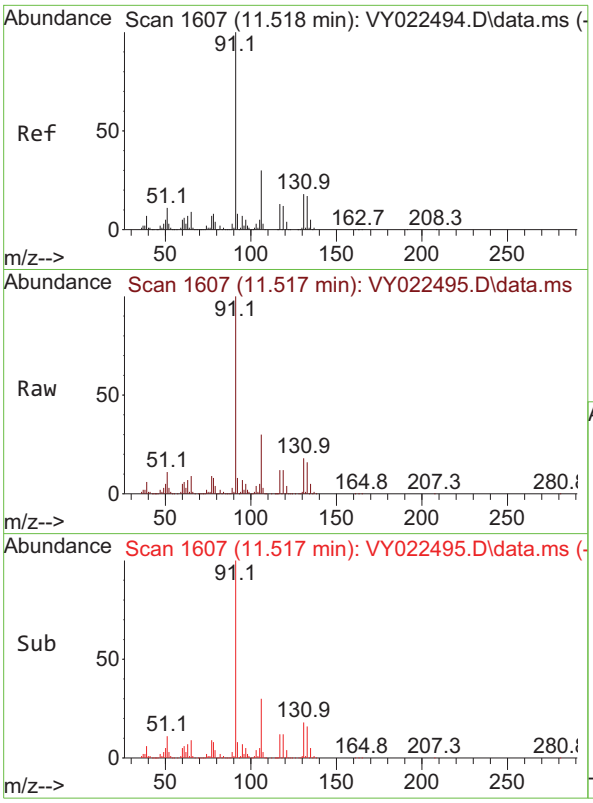


#66
1,1,1,2-Tetrachloroethane
Concen: 104.874 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:131 Resp: 241080

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	141.8
119	66.9	33.1	99.3

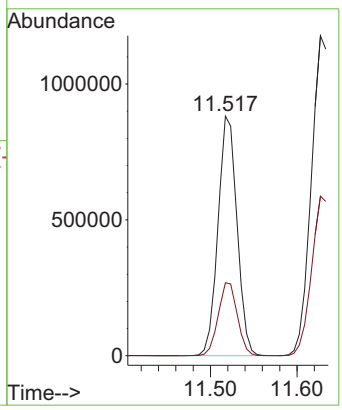




#67
Ethyl Benzene
Concen: 106.379 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 134342

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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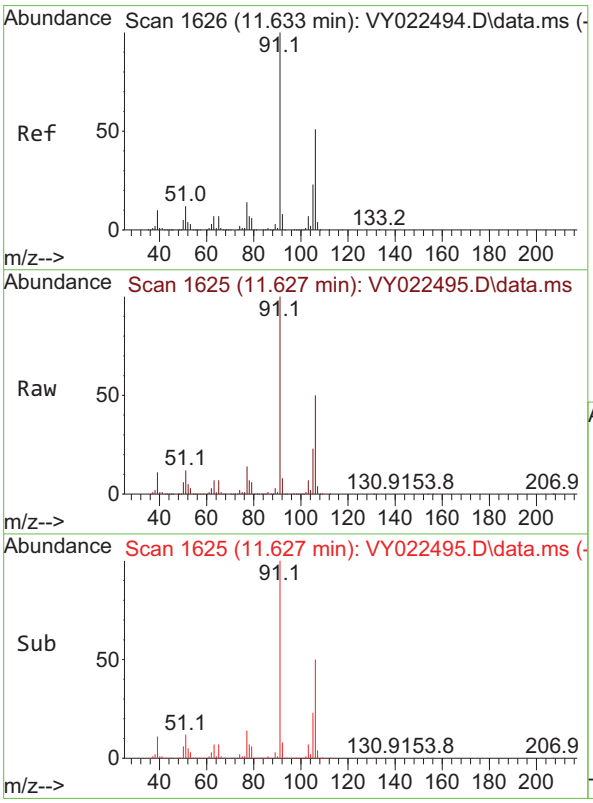
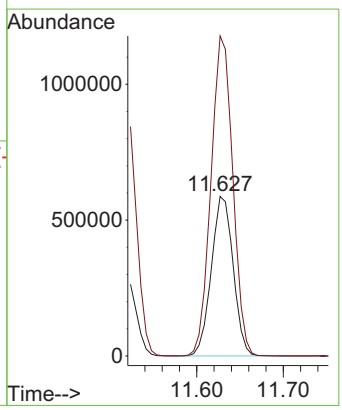
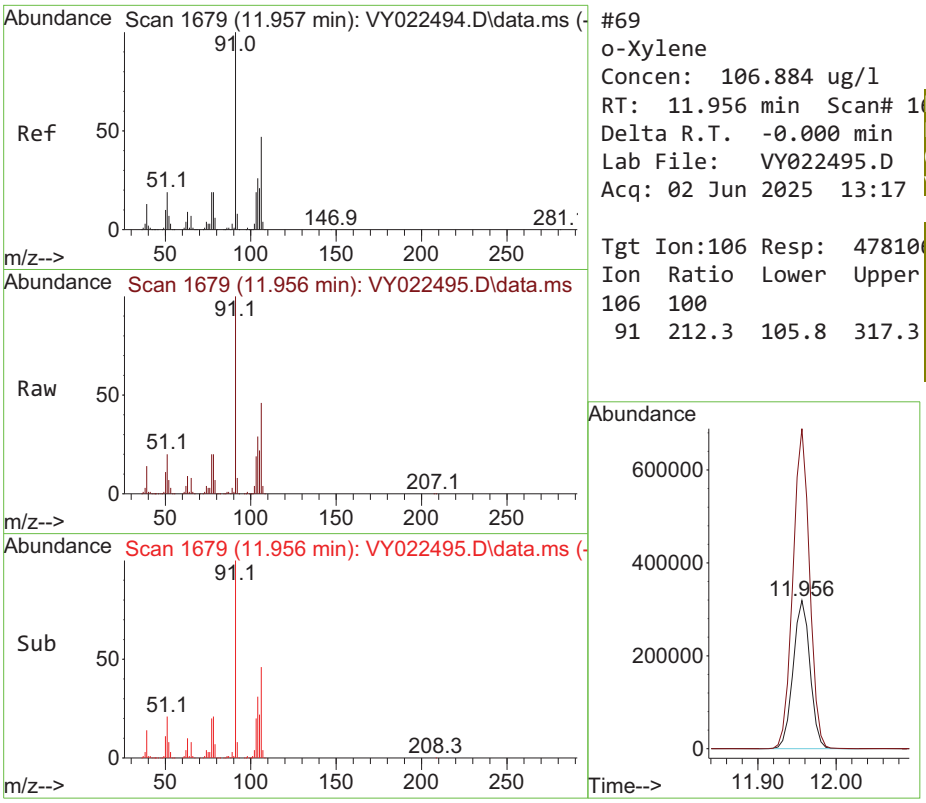


#68
m/p-Xylenes
Concen: 215.017 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:106 Resp: 1027669

Ion	Ratio	Lower	Upper
106	100		
91	200.6	159.4	239.0





#69
o-Xylene
Concen: 106.884 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:106 Resp: 47810

Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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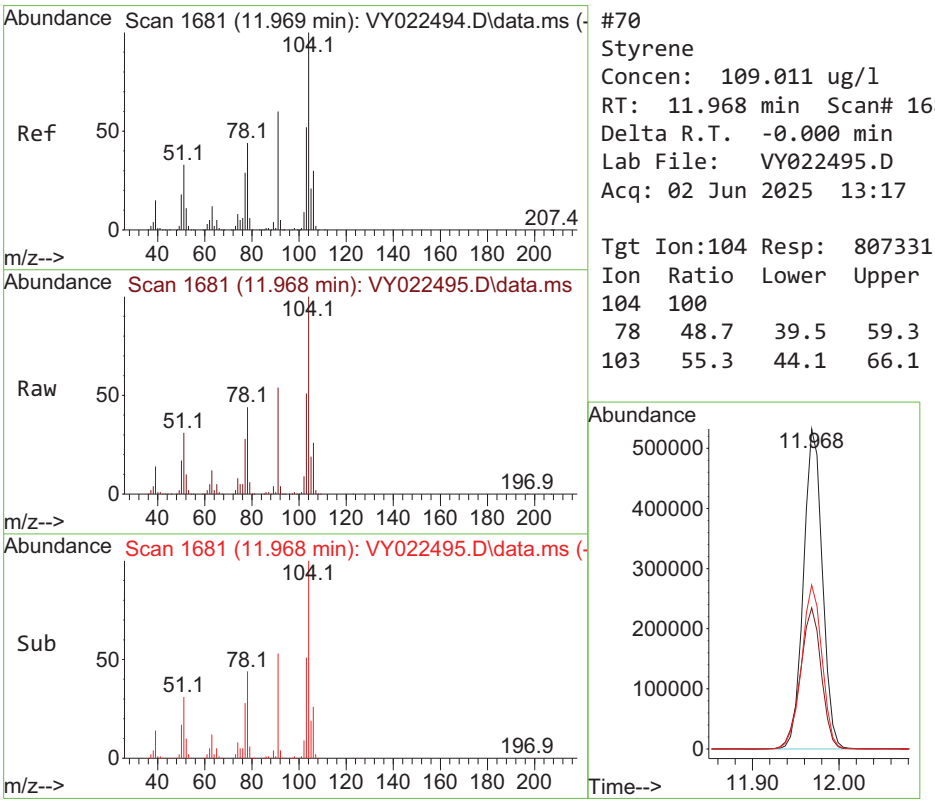
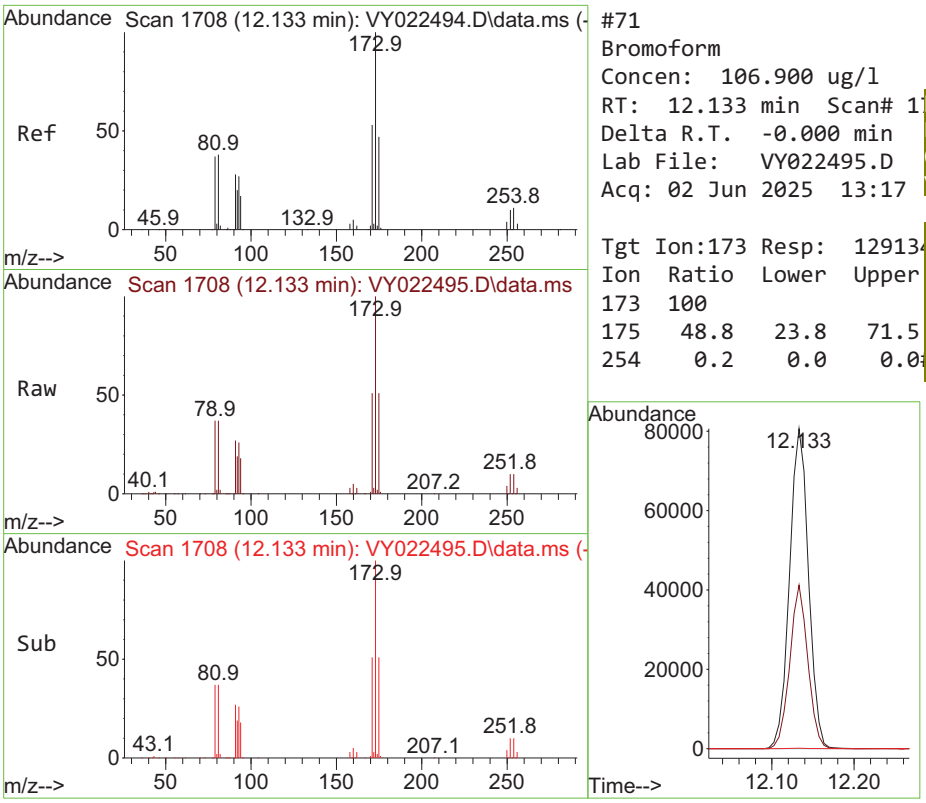


#70
Styrene
Concen: 109.011 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:104 Resp: 807331

Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.5	59.3
103	55.3	44.1	66.1



#71
Bromoform
Concen: 106.900 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:173 Resp: 12913

Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.8	71.5
254	0.2	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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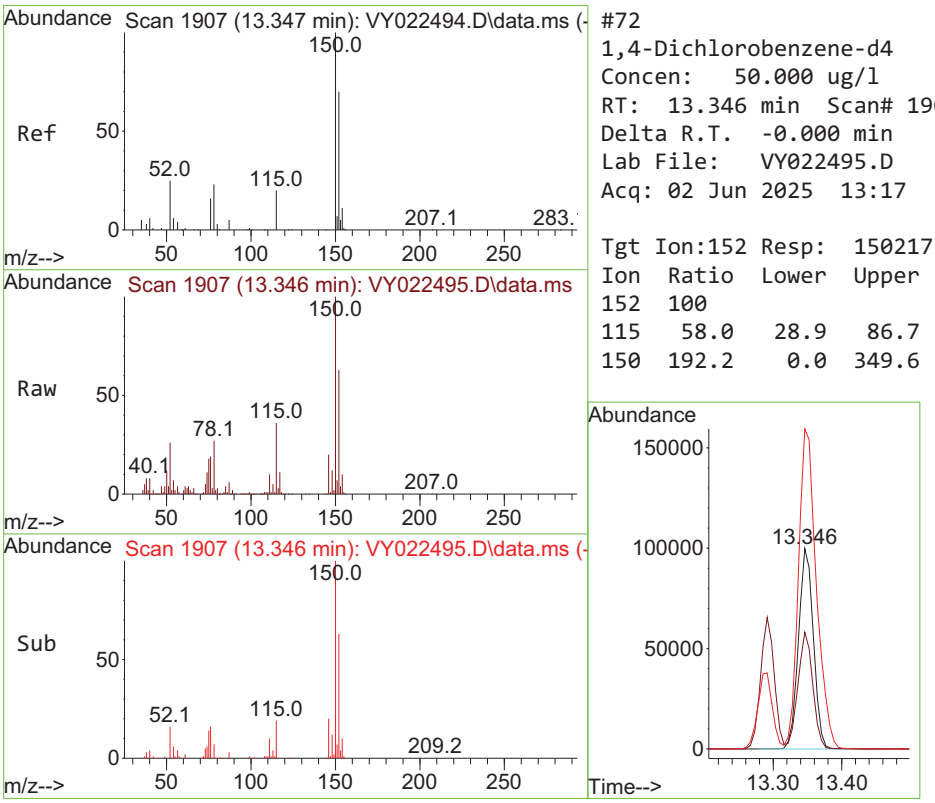
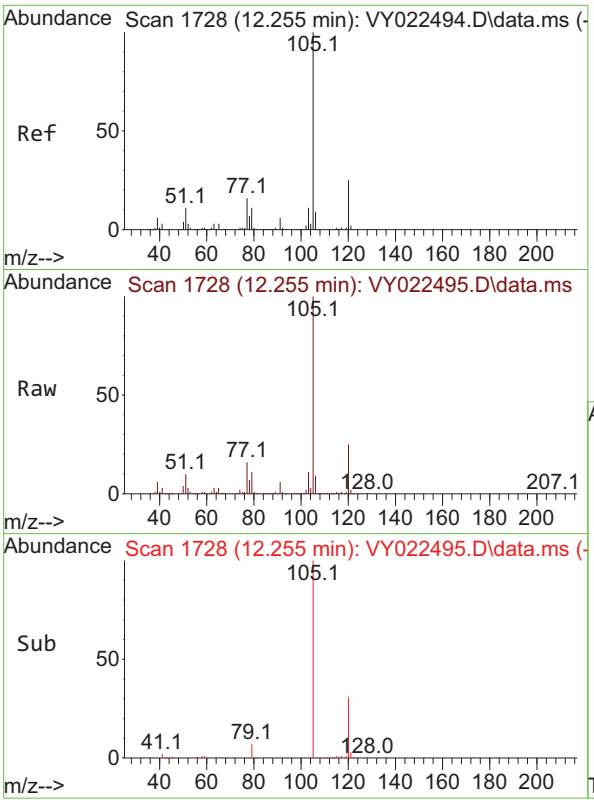


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:152 Resp: 150217

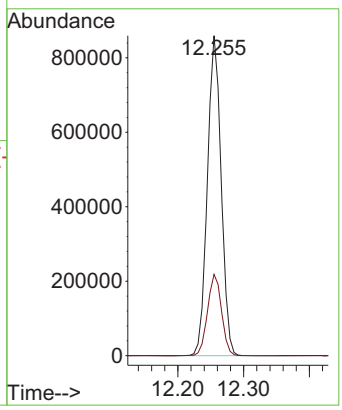
Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.9	86.7
150	192.2	0.0	349.6



#73
Isopropylbenzene
Concen: 103.429 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 125178

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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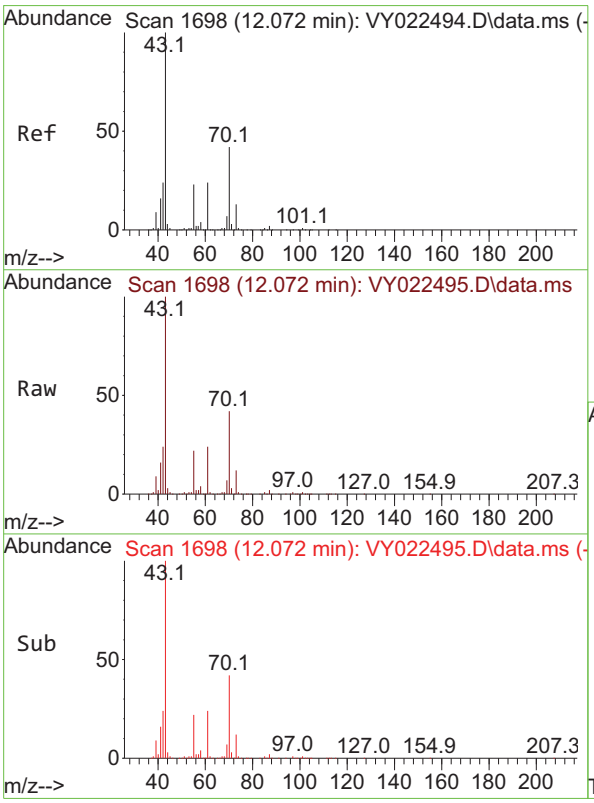
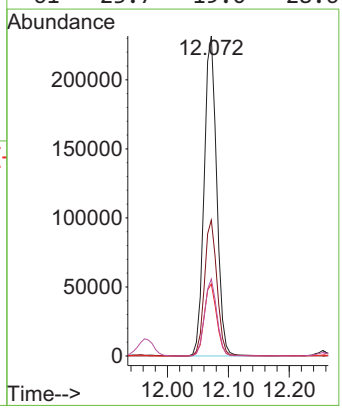
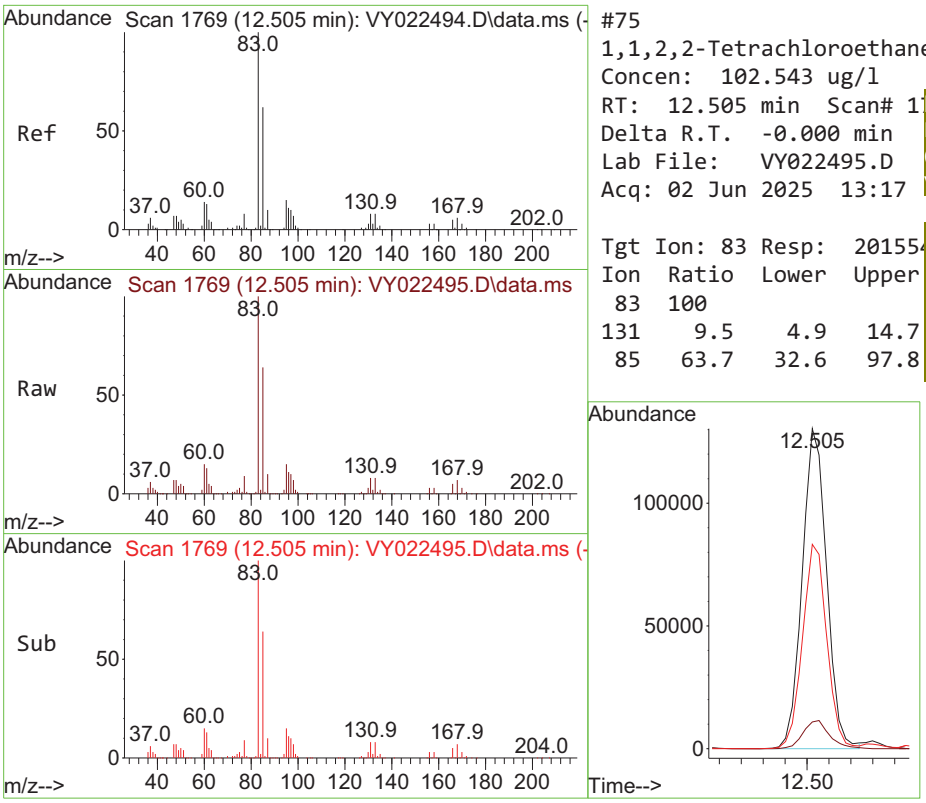


#74
N-amyl acetate
Concen: 108.232 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 331256

Ion	Ratio	Lower	Upper
43	100		
70	42.4	34.2	51.2
55	22.5	18.2	27.4
61	23.7	19.0	28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 102.543 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 83 Resp: 20155

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	63.7	32.6	97.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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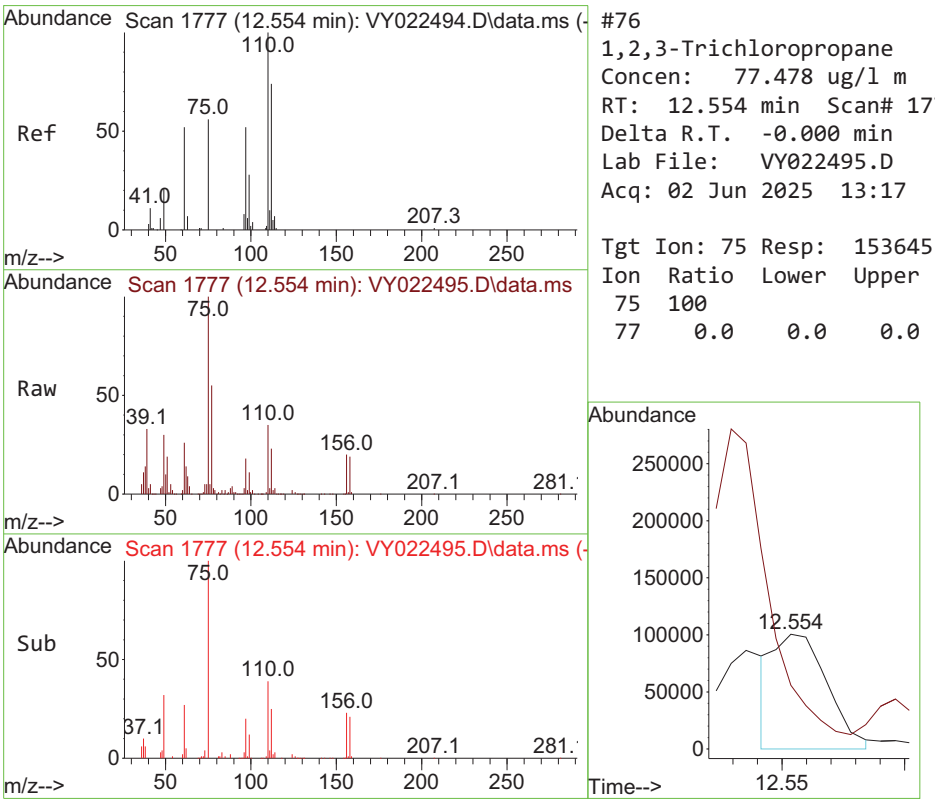
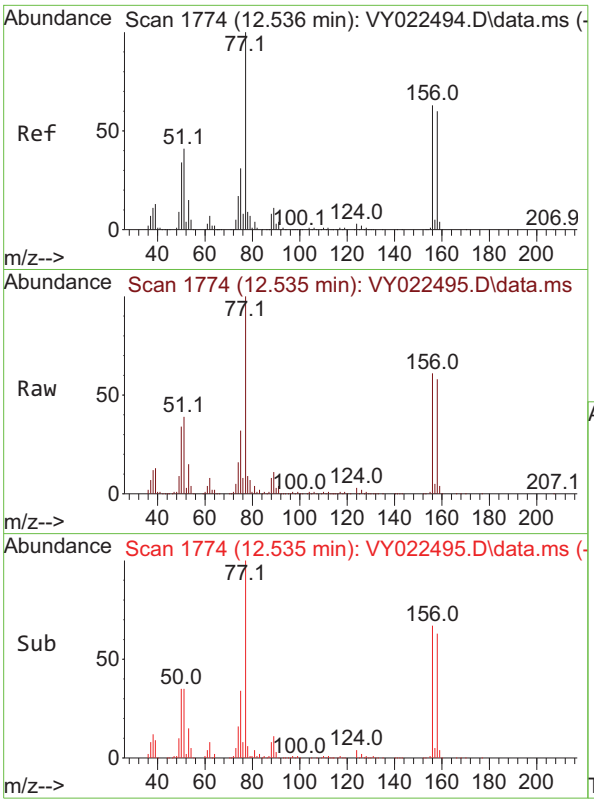


#76
1,2,3-Trichloropropane
Concen: 77.478 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 153645

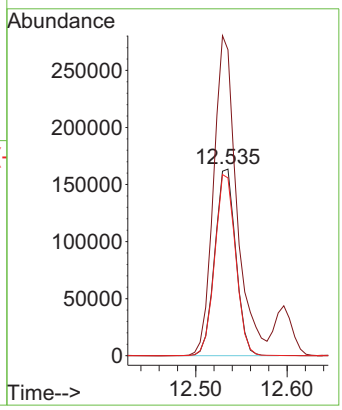
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



#77
Bromobenzene
Concen: 101.560 ug/l
RT: 12.535 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:156 Resp: 26052

Ion	Ratio	Lower	Upper
156	100		
77	189.8	94.0	282.1
158	97.1	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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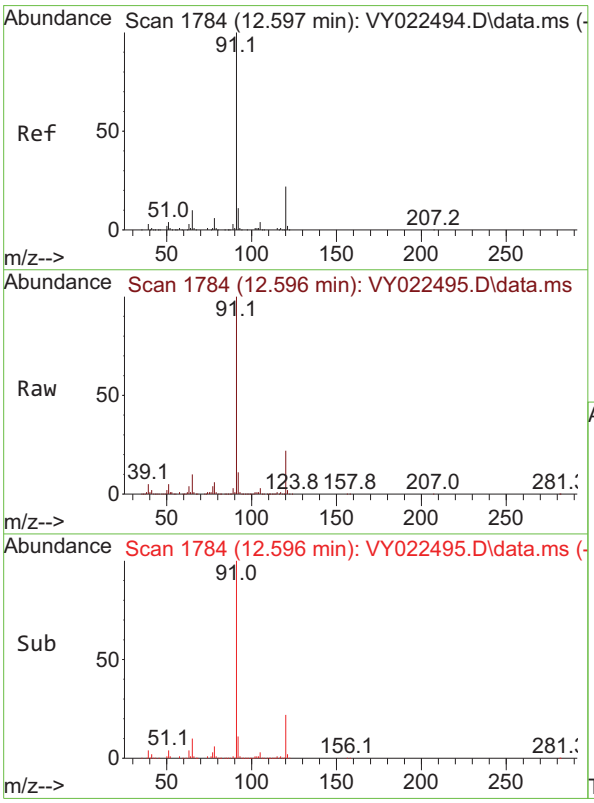
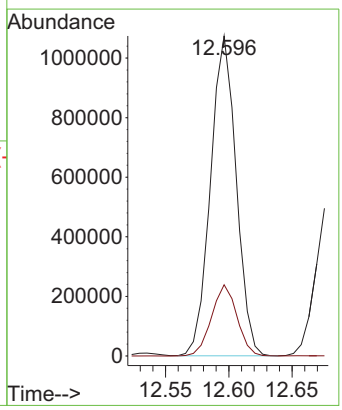
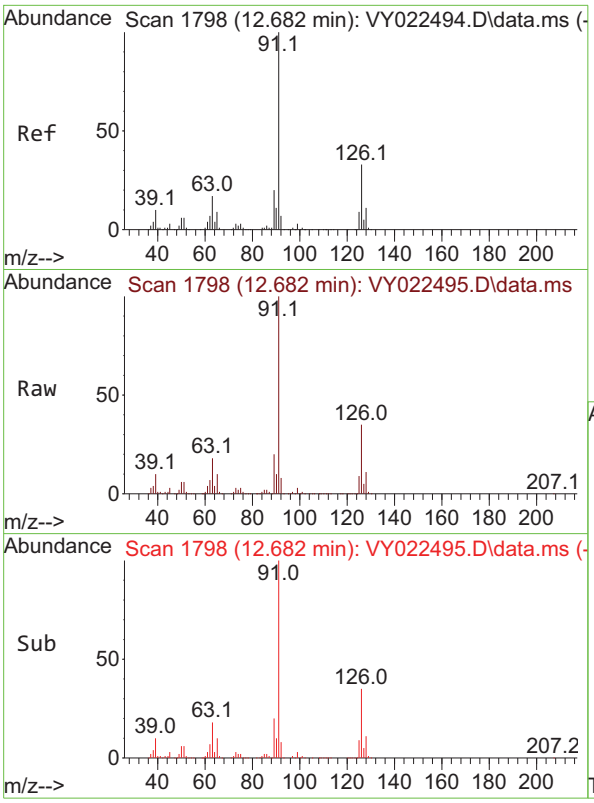


#78
n-propylbenzene
Concen: 103.002 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 1517453

Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.8	32.4

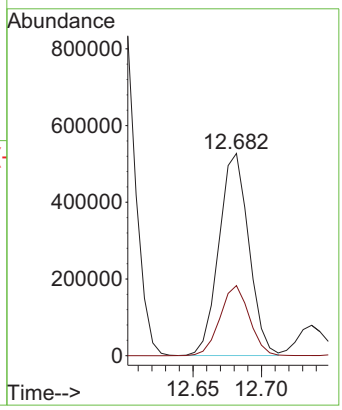




#79
2-Chlorotoluene
Concen: 102.984 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 80109

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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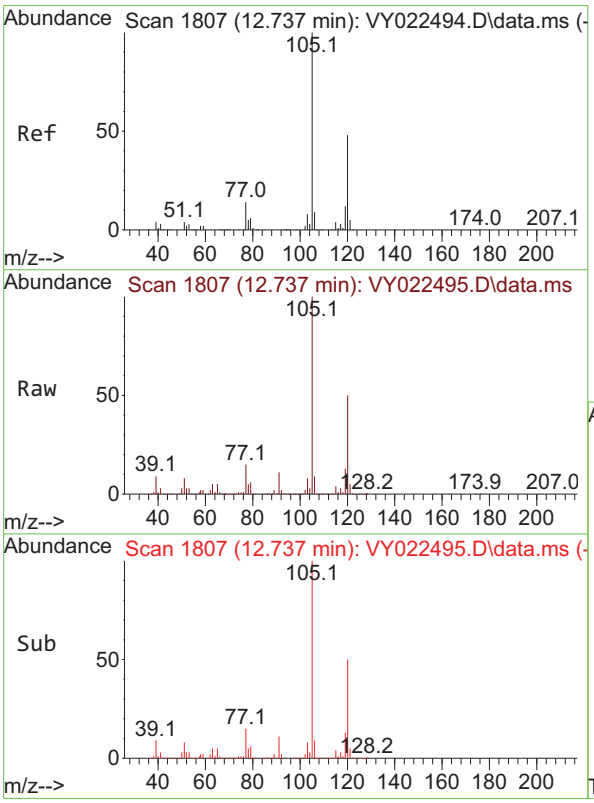
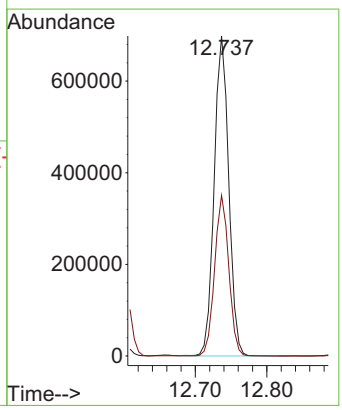
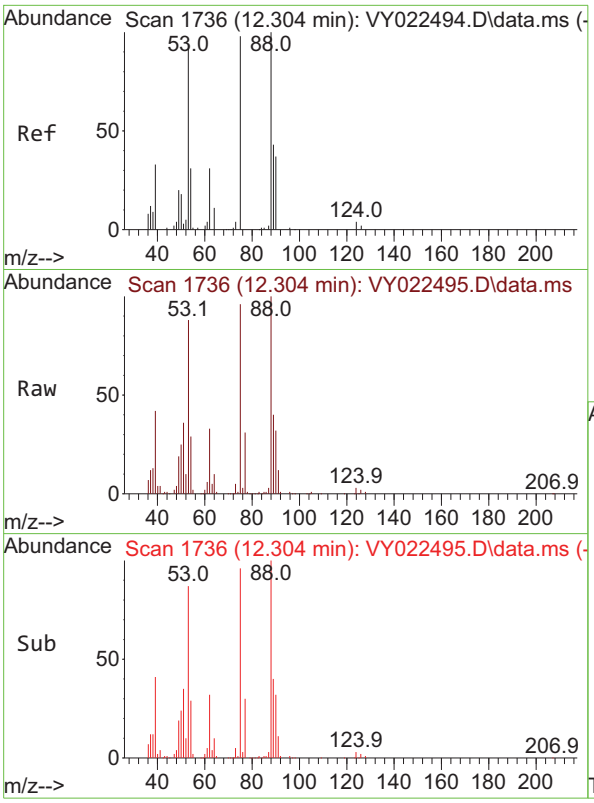


#80
1,3,5-Trimethylbenzene
Concen: 103.959 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 983812

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.1	72.4

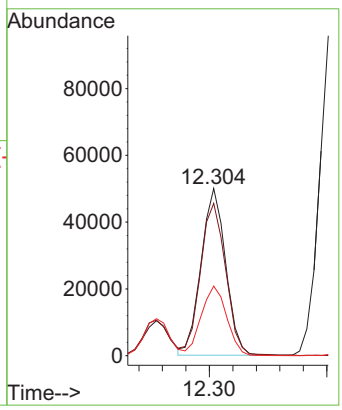




#81
trans-1,4-Dichloro-2-butene
Concen: 104.845 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 7251

Ion	Ratio	Lower	Upper
75	100		
53	94.6	78.5	117.7
89	43.2	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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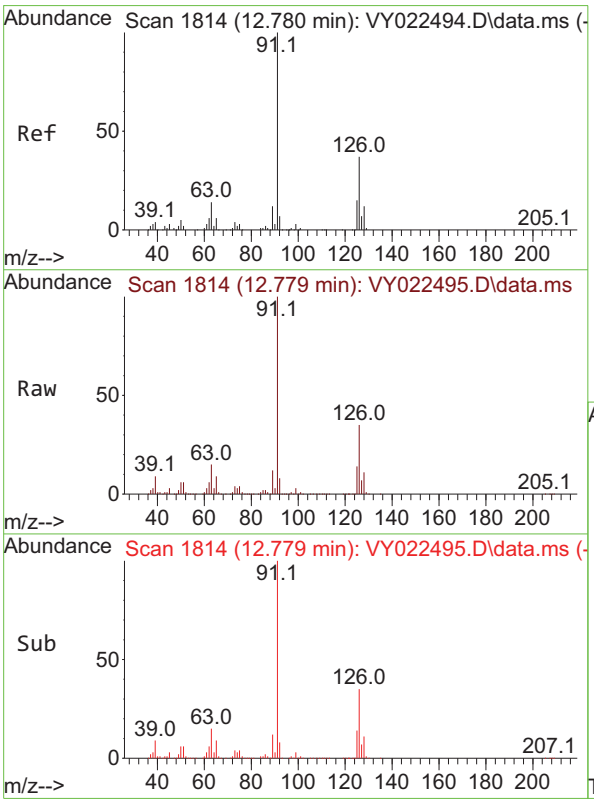
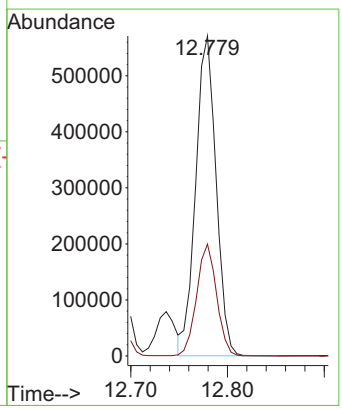
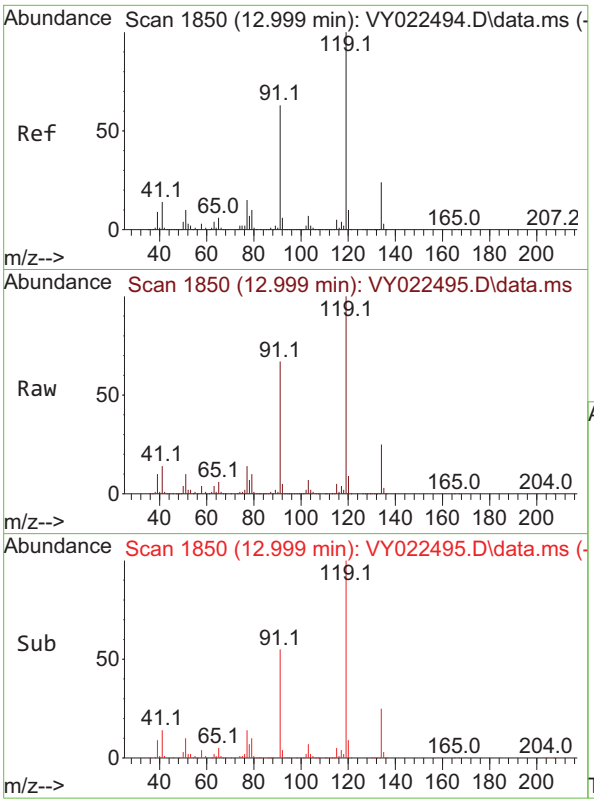


#82
4-Chlorotoluene
Concen: 103.758 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 836500

Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.0	50.9

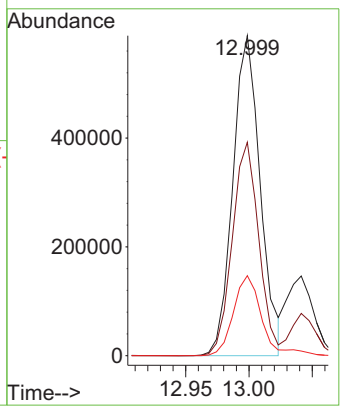




#83
tert-Butylbenzene
Concen: 102.740 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:119 Resp: 88694

Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.1	96.3
134	25.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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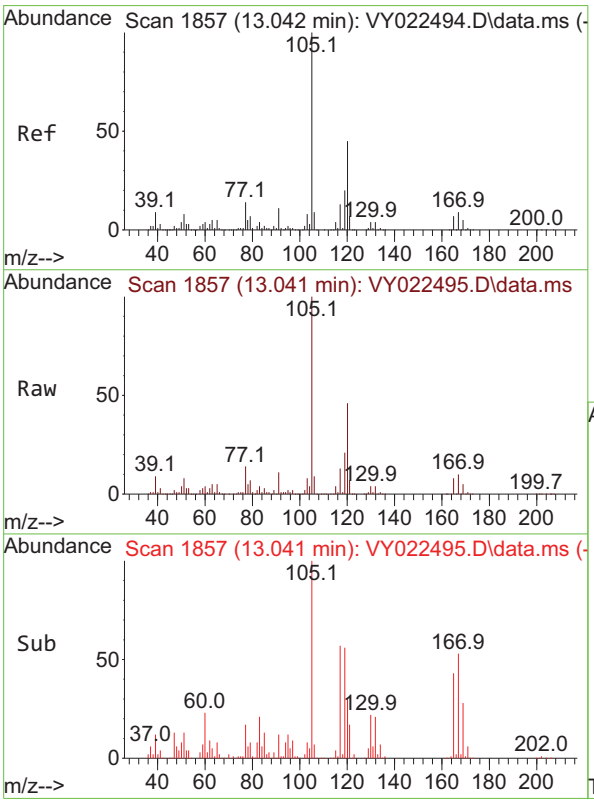
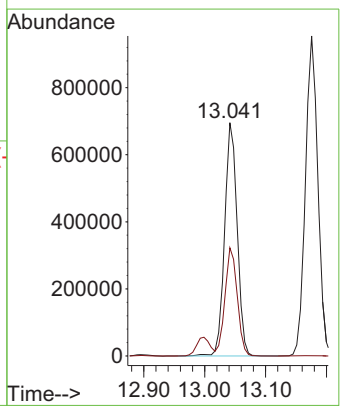
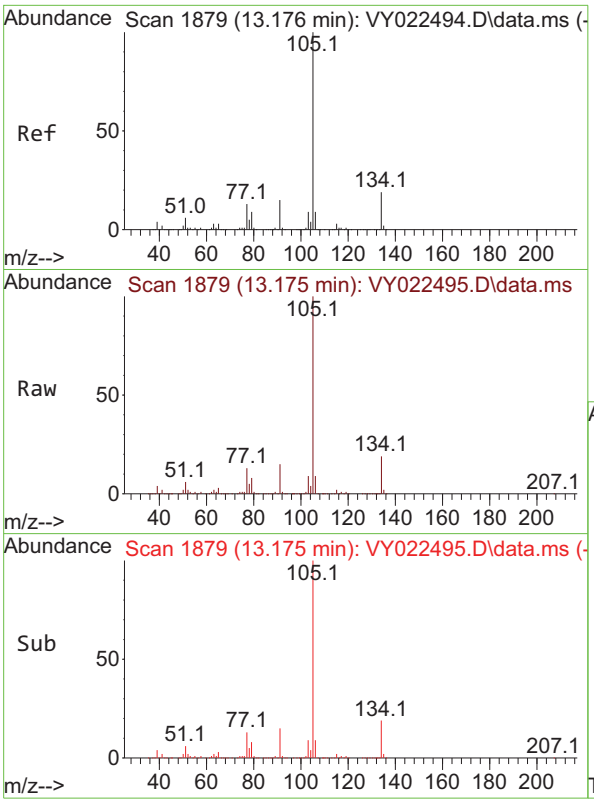


#84
1,2,4-Trimethylbenzene
Concen: 104.854 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 992770

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1

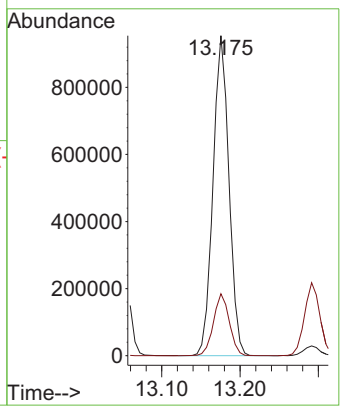




#85
sec-Butylbenzene
Concen: 103.006 ug/l
RT: 13.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 134820

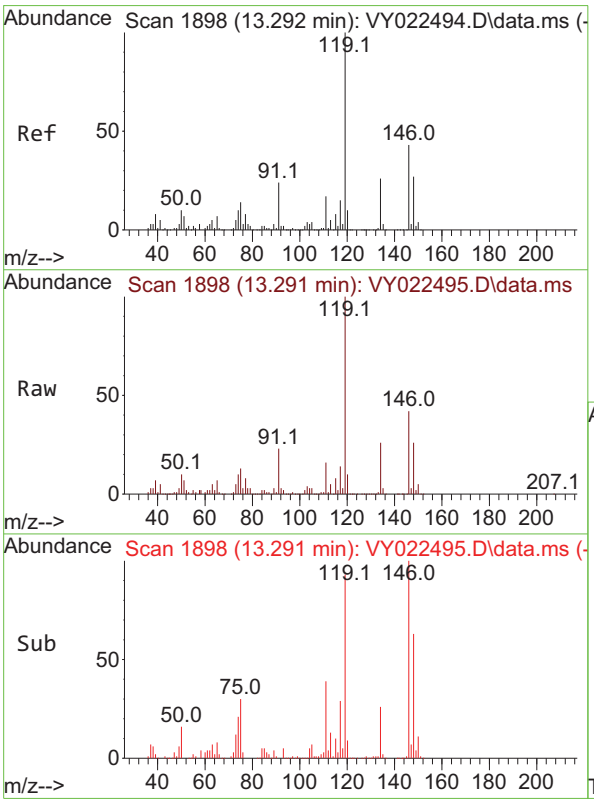
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

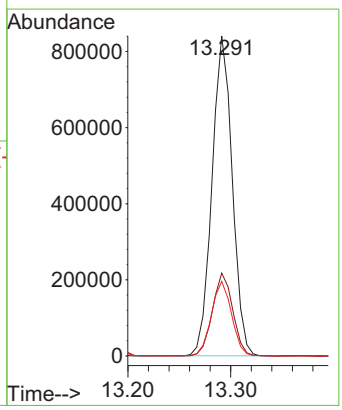
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

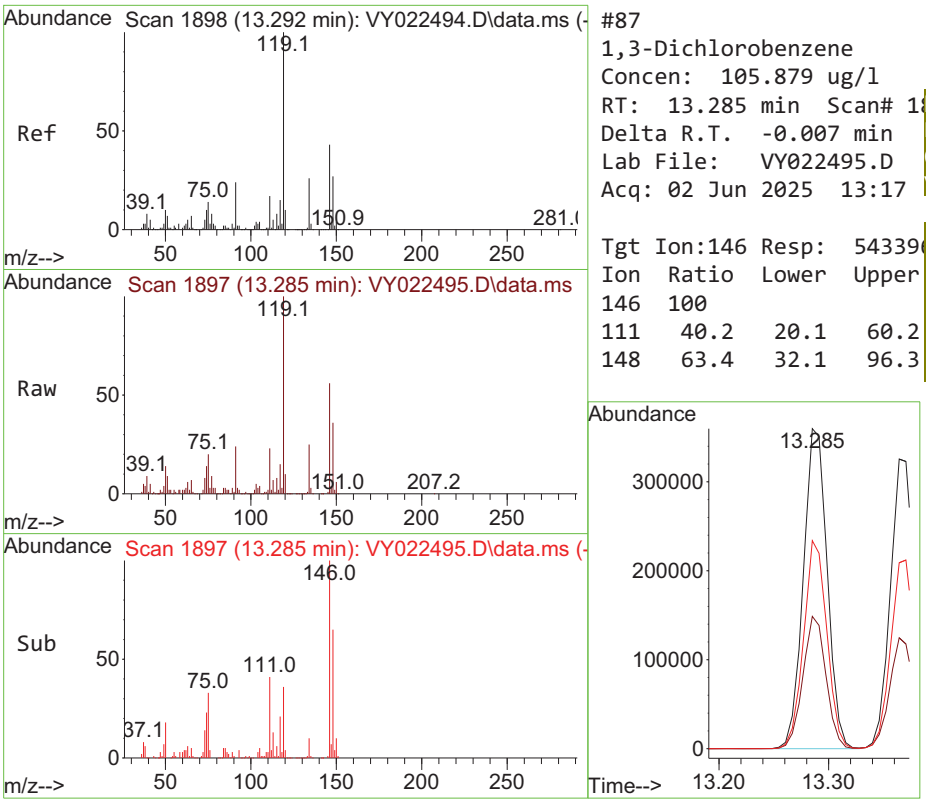


#86
p-Isopropyltoluene
Concen: 106.760 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:119 Resp: 1148821

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	23.2	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 105.879 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

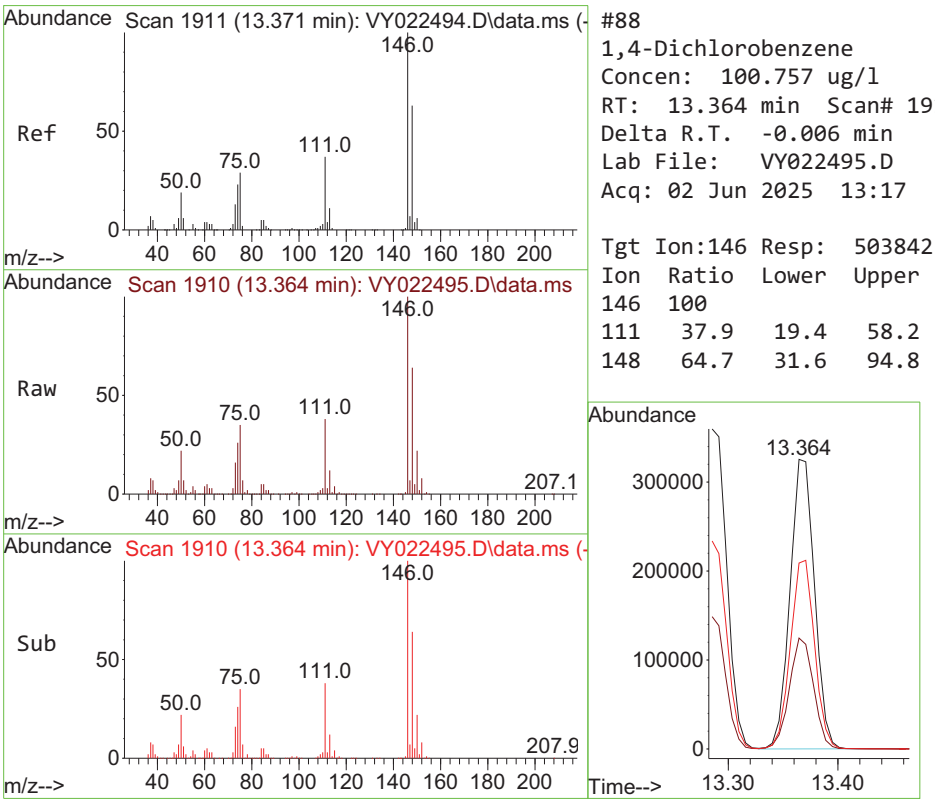
Tgt Ion:146 Resp: 54339

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	63.4	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

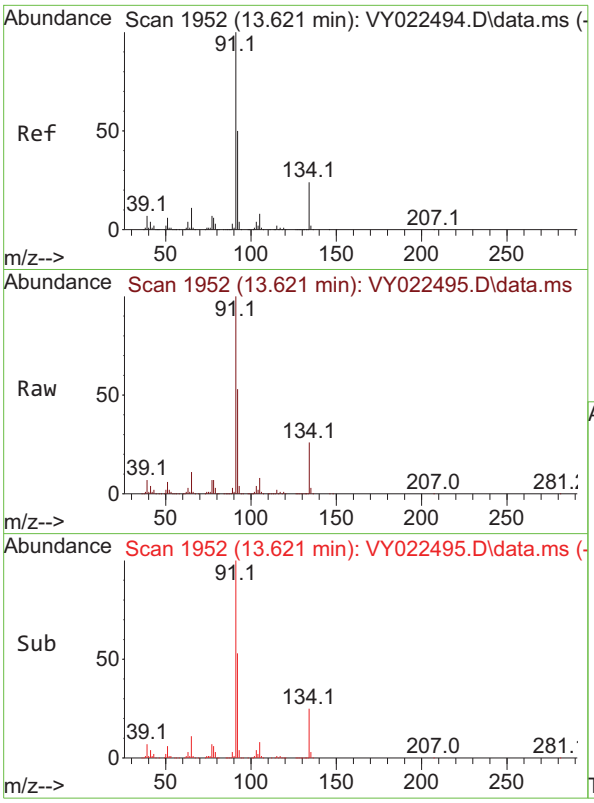
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#88
1,4-Dichlorobenzene
Concen: 100.757 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:146 Resp: 503842

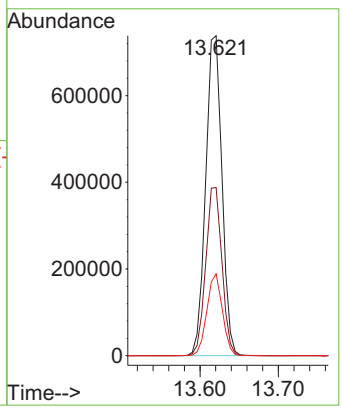
Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.2
148	64.7	31.6	94.8



#89
n-Butylbenzene
Concen: 103.713 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 106259

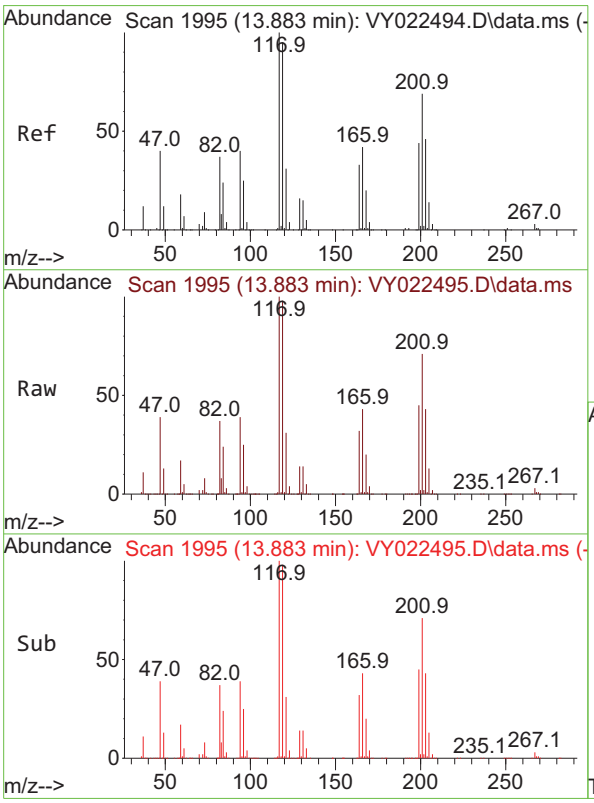
Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.9	77.8
134	24.4	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

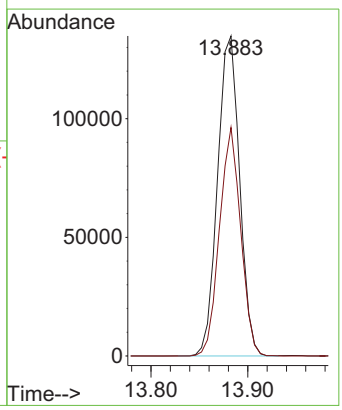
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

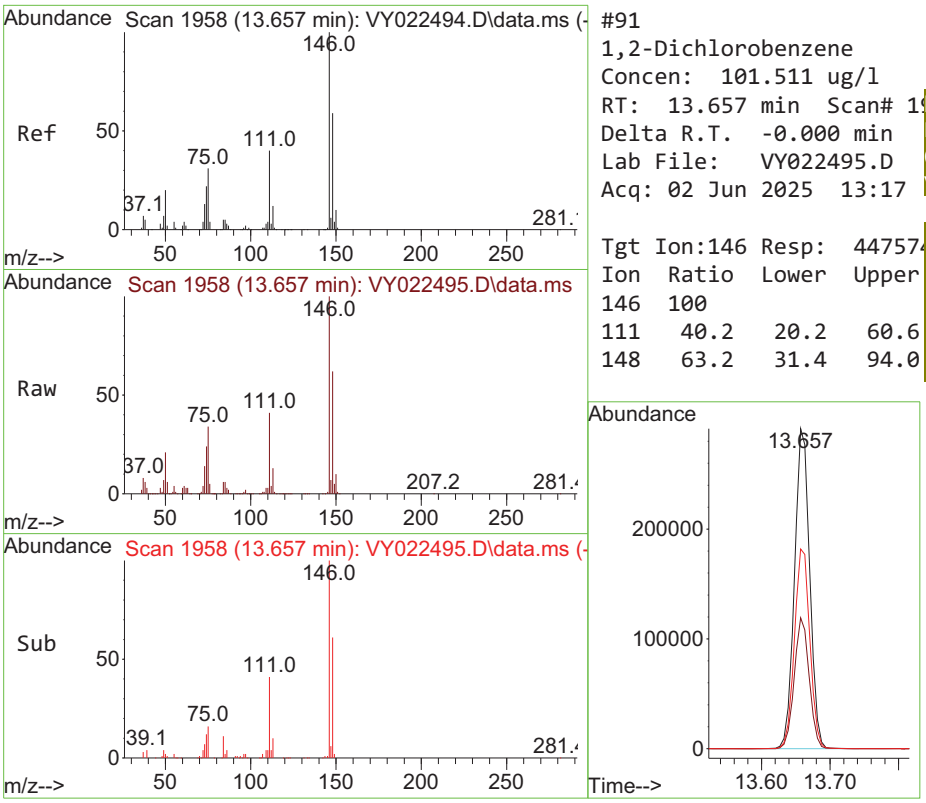


#90
Hexachloroethane
Concen: 101.224 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:117 Resp: 213148

Ion	Ratio	Lower	Upper
117	100		
201	68.6	34.0	102.0





#91
1,2-Dichlorobenzene
Concen: 101.511 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

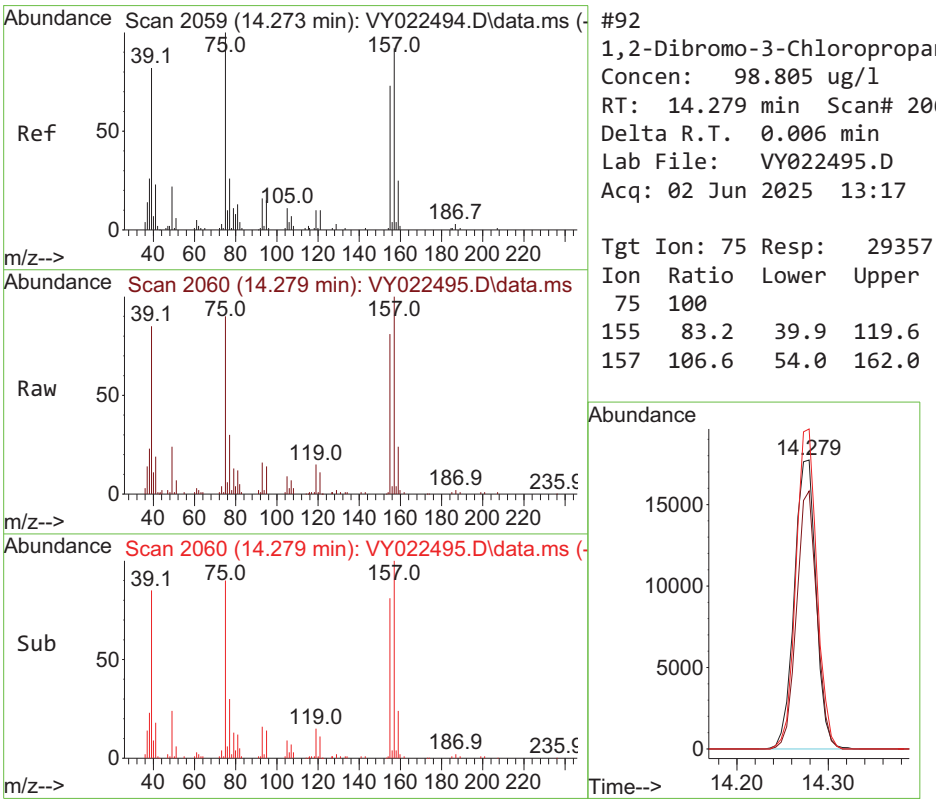
Tgt Ion:146 Resp: 44757

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	63.2	31.4	94.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

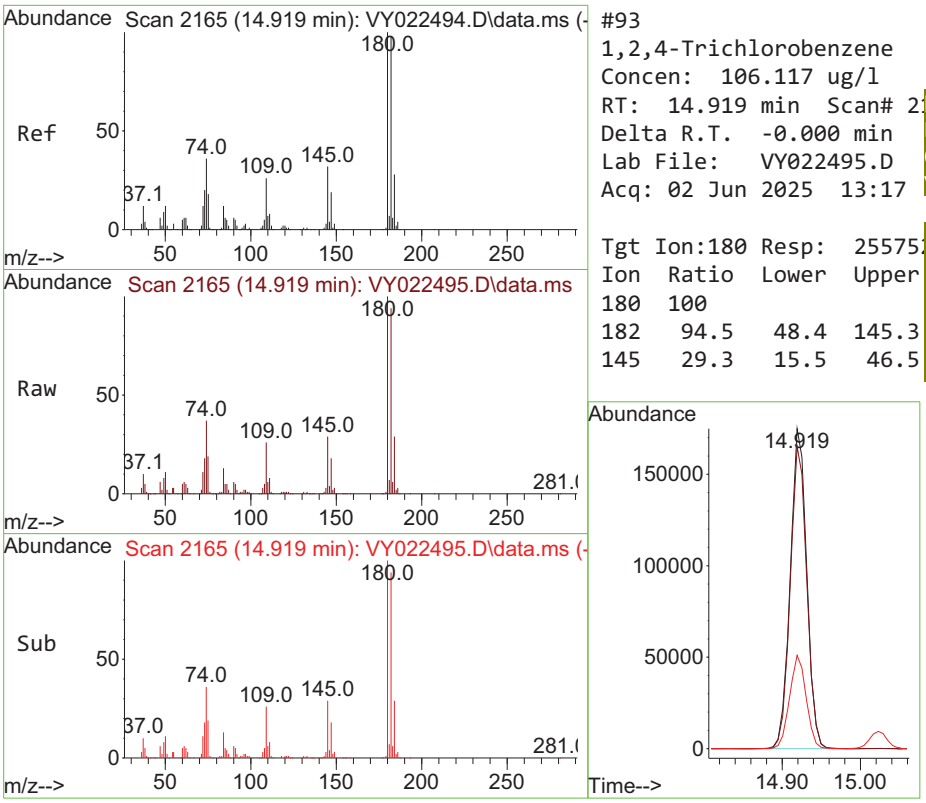
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 98.805 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 29357

Ion	Ratio	Lower	Upper
75	100		
155	83.2	39.9	119.6
157	106.6	54.0	162.0



#93
1,2,4-Trichlorobenzene
Concen: 106.117 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

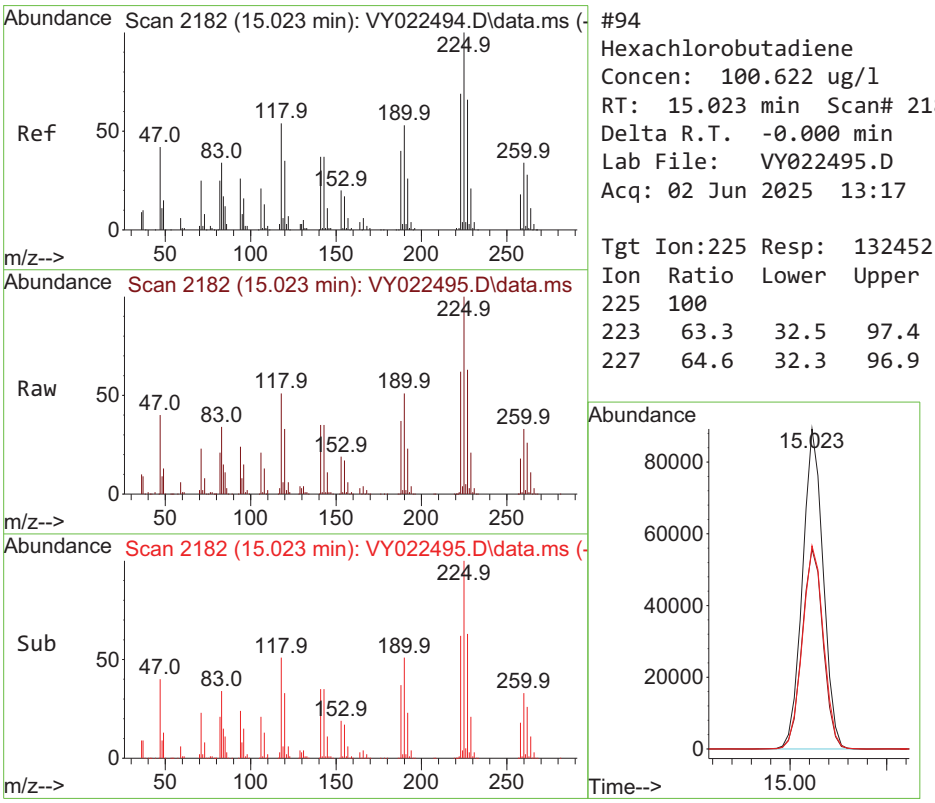
Tgt Ion:180 Resp: 25575

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.3
145	29.3	15.5	46.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

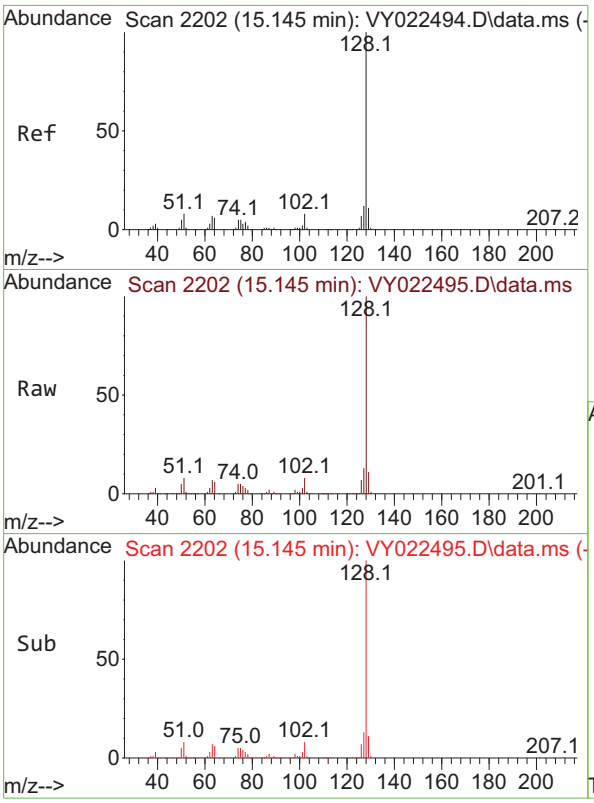
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#94
Hexachlorobutadiene
Concen: 100.622 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:225 Resp: 132452

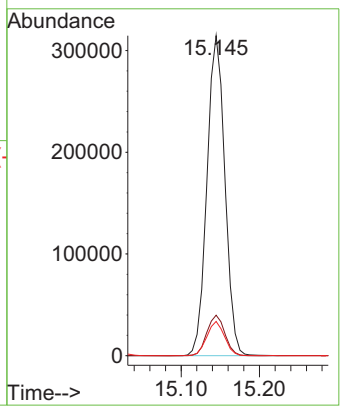
Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.5	97.4
227	64.6	32.3	96.9



#95
Naphthalene
Concen: 108.155 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:128 Resp: 49955

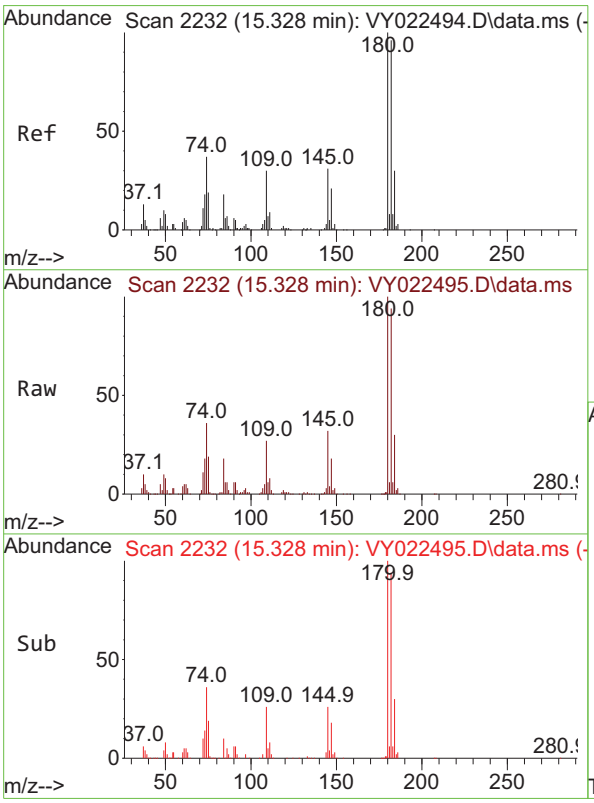
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.6	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

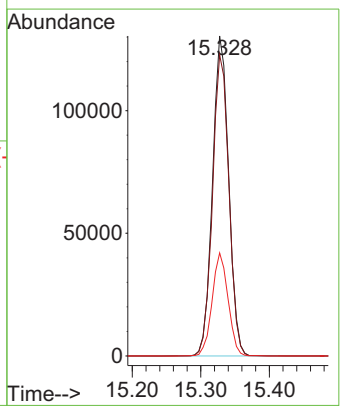
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 104.136 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:180 Resp: 213300

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	31.7	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	225293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	367991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	150326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	377706	154.078	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 308.160%#			
35) Dibromofluoromethane	7.634	113	348038	160.661	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 321.320%#			
50) Toluene-d8	10.109	98	1432587	163.617	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 327.240%#			
62) 4-Bromofluorobenzene	12.408	95	426573	160.684	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 321.360%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	273817	139.086	ug/l	96
3) Chloromethane	2.068	50	800733	137.873	ug/l	99
4) Vinyl Chloride	2.202	62	967746	142.366	ug/l	99
5) Bromomethane	2.586	94	970833	150.991	ug/l	99
6) Chloroethane	2.733	64	651603	140.013	ug/l	95
7) Trichlorofluoromethane	3.050	101	885391	153.303	ug/l	98
8) Diethyl Ether	3.458	74	191391	150.036	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	360800	148.929	ug/l	100
10) Methyl Iodide	4.007	142	416014	160.129	ug/l	100
11) Tert butyl alcohol	4.879	59	128018	731.071	ug/l	100
12) 1,1-Dichloroethene	3.793	96	353193	152.730	ug/l	98
13) Acrolein	3.653	56	156417	731.778	ug/l	100
14) Allyl chloride	4.385	41	551896	153.152	ug/l	100
15) Acrylonitrile	5.061	53	406745	749.634	ug/l	99
16) Acetone	3.879	43	311886	643.577	ug/l	95
17) Carbon Disulfide	4.104	76	1126077	152.513	ug/l	99
18) Methyl Acetate	4.391	43	203507	139.589	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	988071	153.134	ug/l	99
20) Methylene Chloride	4.616	84	371818	137.416	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	399937	154.808	ug/l	99
22) Diisopropyl ether	6.025	45	1244804	155.346	ug/l	99
23) Vinyl Acetate	5.964	43	3806024	800.629	ug/l	100
24) 1,1-Dichloroethane	5.921	63	730276	154.173	ug/l	100
25) 2-Butanone	6.896	43	530692	742.386	ug/l	99
26) 2,2-Dichloropropane	6.890	77	664024	157.698	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	466804	156.334	ug/l	98
28) Bromochloromethane	7.250	49	320509	156.605	ug/l	100
29) Tetrahydrofuran	7.268	42	342435	742.566	ug/l	100
30) Chloroform	7.421	83	717477	153.285	ug/l	94
31) Cyclohexane	7.701	56	667836	140.095	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	660456	157.892	ug/l	99
36) 1,1-Dichloropropene	7.841	75	562935	160.756	ug/l	100
37) Ethyl Acetate	6.988	43	238966	155.059	ug/l	98
38) Carbon Tetrachloride	7.823	117	593167	164.311	ug/l	99
39) Methylcyclohexane	9.109	83	770382	162.851	ug/l	100
40) Benzene	8.085	78	1675603	162.332	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	136495	137.523	ug/l		98
42) 1,2-Dichloroethane	8.158	62	442216	157.491	ug/l		98
43) Isopropyl Acetate	8.201	43	522842	155.250	ug/l		98
44) Trichloroethene	8.866	130	394832	156.583	ug/l		97
45) 1,2-Dichloropropane	9.140	63	385206	156.539	ug/l		99
46) Dibromomethane	9.231	93	218014	158.140	ug/l		100
47) Bromodichloromethane	9.426	83	560425	160.221	ug/l		97
48) Methyl methacrylate	9.225	41	252724	163.897	ug/l		99
49) 1,4-Dioxane	9.231	88	50874	3093.301	ug/l		95
51) 4-Methyl-2-Pentanone	10.000	43	1358512	812.744	ug/l		98
52) Toluene	10.170	92	1093200	168.447	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	537922	166.237	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	615667	162.259	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	274460	158.086	ug/l		97
56) Ethyl methacrylate	10.438	69	423233	167.865	ug/l		99
57) 1,3-Dichloropropane	10.719	76	488570	158.010	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	1000760	890.345	ug/l		100
59) 2-Hexanone	10.762	43	896627	804.699	ug/l		100
60) Dibromochloromethane	10.914	129	356873	162.227	ug/l		100
61) 1,2-Dibromoethane	11.018	107	254128	158.625	ug/l		96
64) Tetrachloroethene	10.646	164	406758	152.453	ug/l		98
65) Chlorobenzene	11.444	112	1113347	163.544	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	395046	171.190	ug/l		99
67) Ethyl Benzene	11.518	91	2196819	173.285	ug/l		100
68) m/p-Xylenes	11.627	106	1694177	353.103	ug/l		100
69) o-Xylene	11.957	106	777688	173.188	ug/l		99
70) Styrene	11.969	104	1334986	179.564	ug/l		99
71) Bromoform	12.133	173	201469	166.138	ug/l	#	99
73) Isopropylbenzene	12.255	105	2011262	166.060	ug/l		100
74) N-amyl acetate	12.072	43	508301	165.957	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	310641	157.927	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	231729m	116.768	ug/l		
77) Bromobenzene	12.530	156	417122	162.489	ug/l		100
78) n-propylbenzene	12.597	91	2416013	163.876	ug/l		98
79) 2-Chlorotoluene	12.682	91	1275581	163.862	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	1576906	166.511	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	111432	160.989	ug/l		96
82) 4-Chlorotoluene	12.780	91	1334965	165.467	ug/l		99
83) tert-Butylbenzene	12.999	119	1434641	166.064	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	1623289	171.323	ug/l		99
85) sec-Butylbenzene	13.176	105	2140445	163.415	ug/l		100
86) p-Isopropyltoluene	13.292	119	1877539	174.353	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	885058	172.326	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	803022	160.470	ug/l		99
89) n-Butylbenzene	13.615	91	1691118	164.939	ug/l		99
90) Hexachloroethane	13.877	117	338845	160.801	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	705129	159.809	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	44514	149.709	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	390170	161.773	ug/l		97
94) Hexachlorobutadiene	15.023	225	199423	151.389	ug/l		98
95) Naphthalene	15.145	128	753279	162.970	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	321960	157.072	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

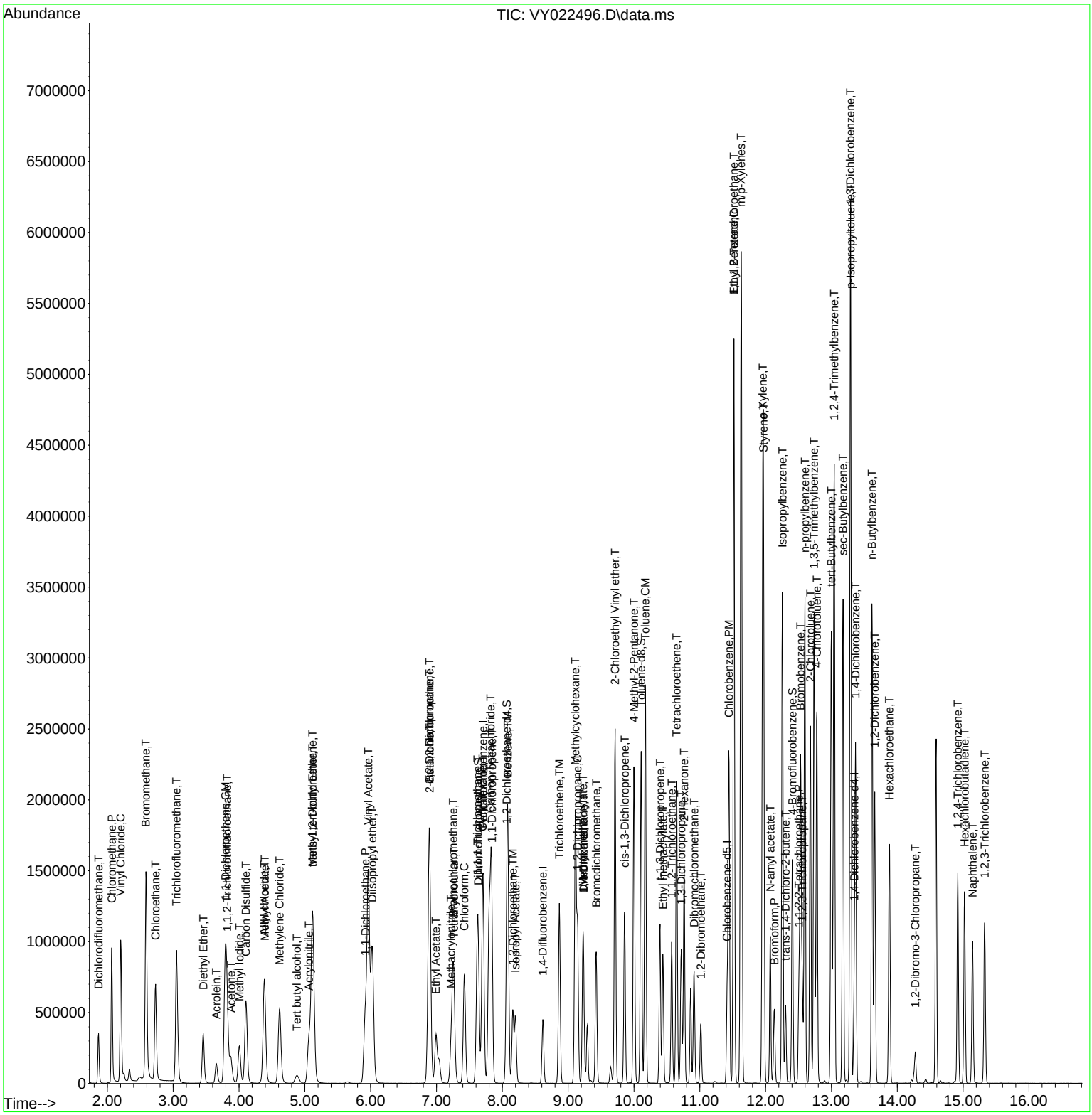
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

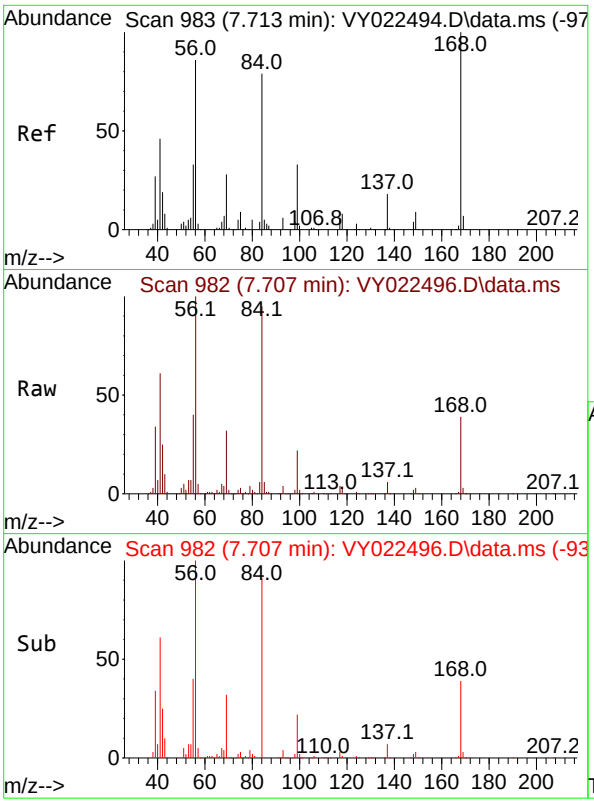
Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

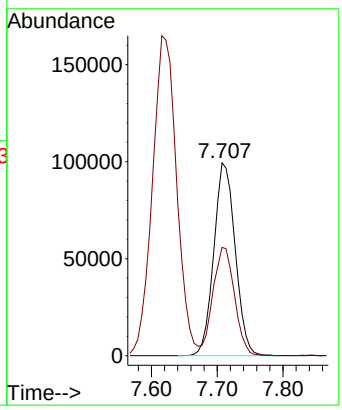




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:168 Resp: 22529

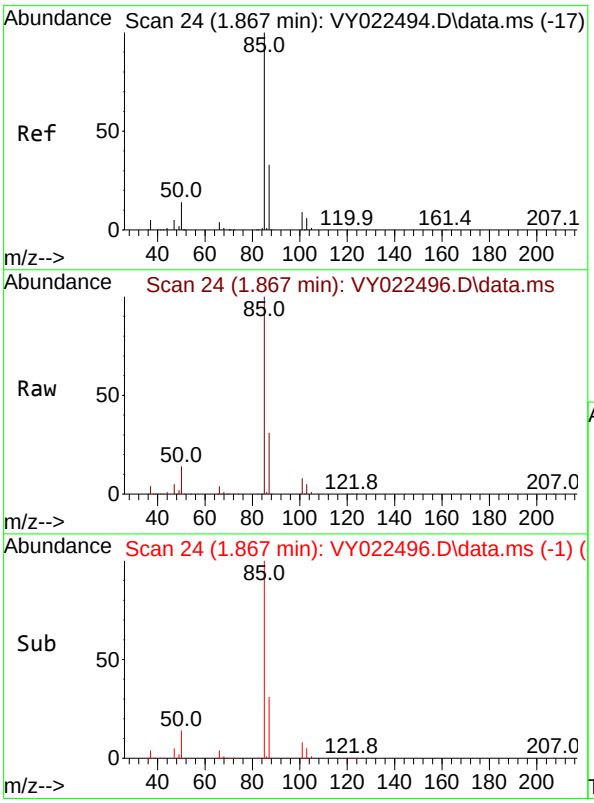
Ion	Ratio	Lower	Upper
168	100		
99	56.1	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

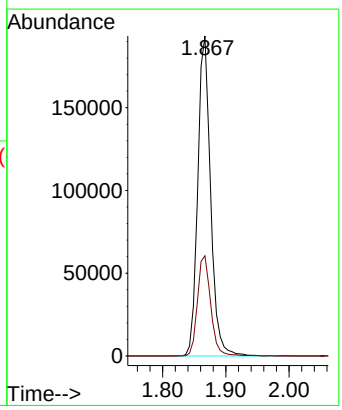
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

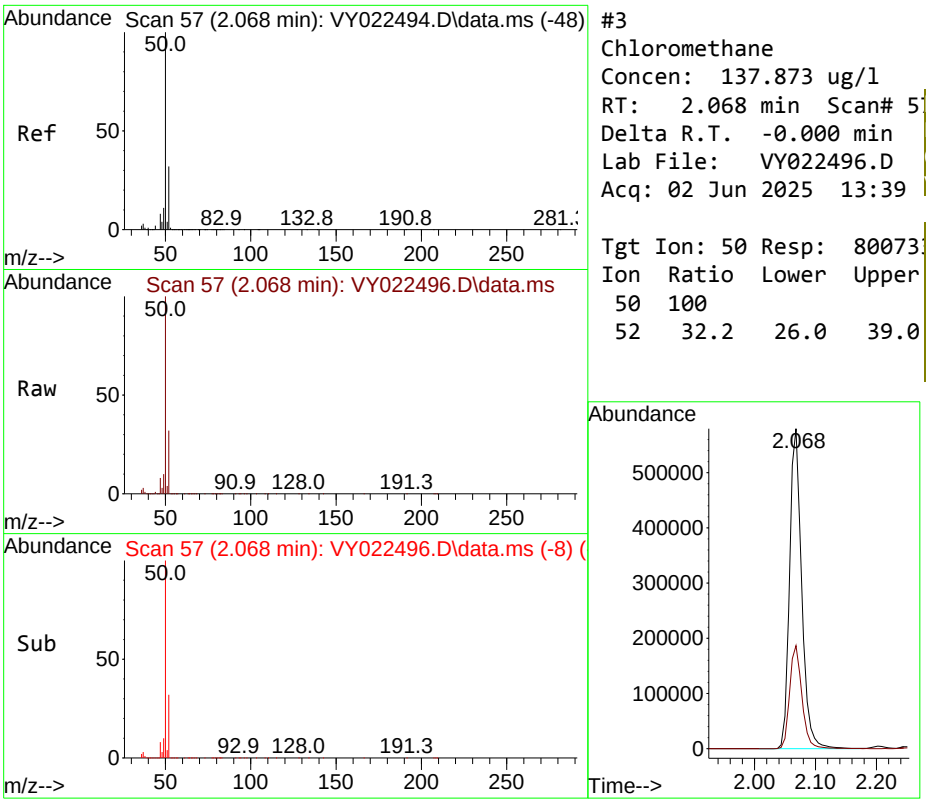


#2
Dichlorodifluoromethane
Concen: 139.086 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 85 Resp: 273817

Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.7	50.0





#3
Chloromethane
Concen: 137.873 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

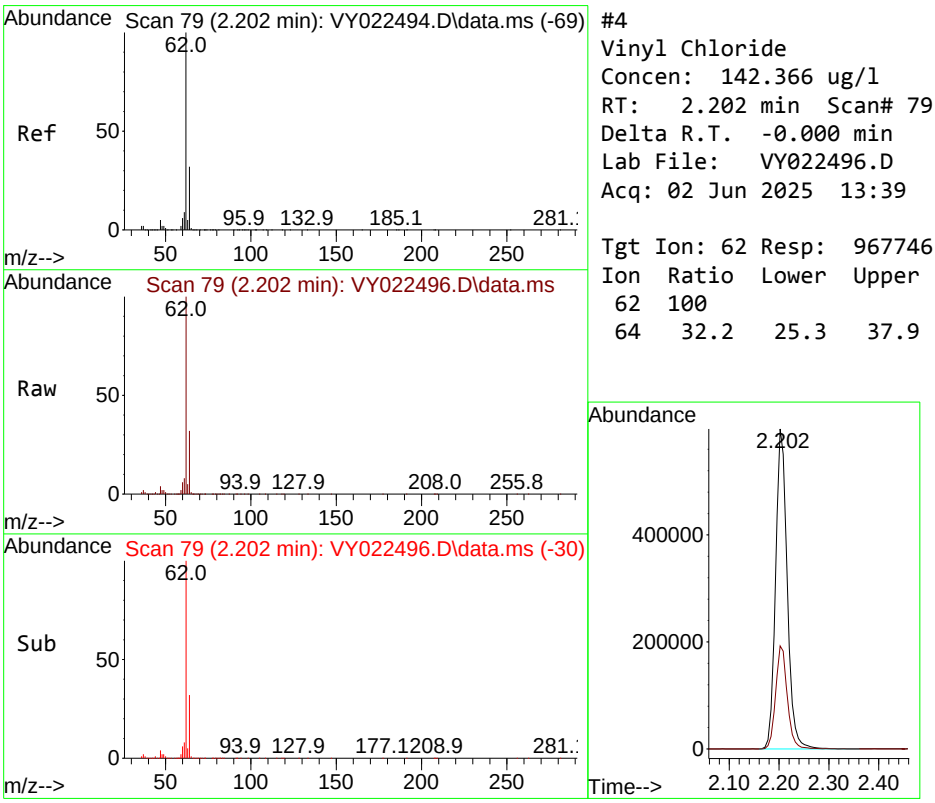
Tgt Ion: 50 Resp: 80073

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.0	39.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

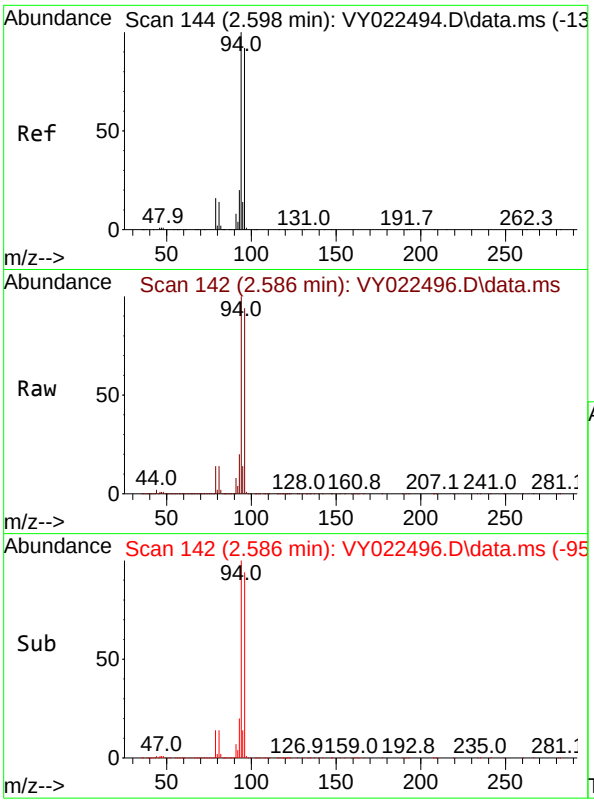
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#4
Vinyl Chloride
Concen: 142.366 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 62 Resp: 967746

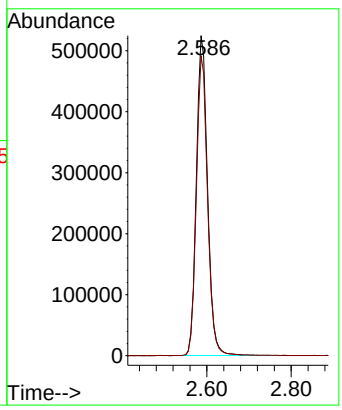
Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.3	37.9



#5
Bromomethane
Concen: 150.991 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 94 Resp: 97083

Ion	Ratio	Lower	Upper
94	100		
96	93.7	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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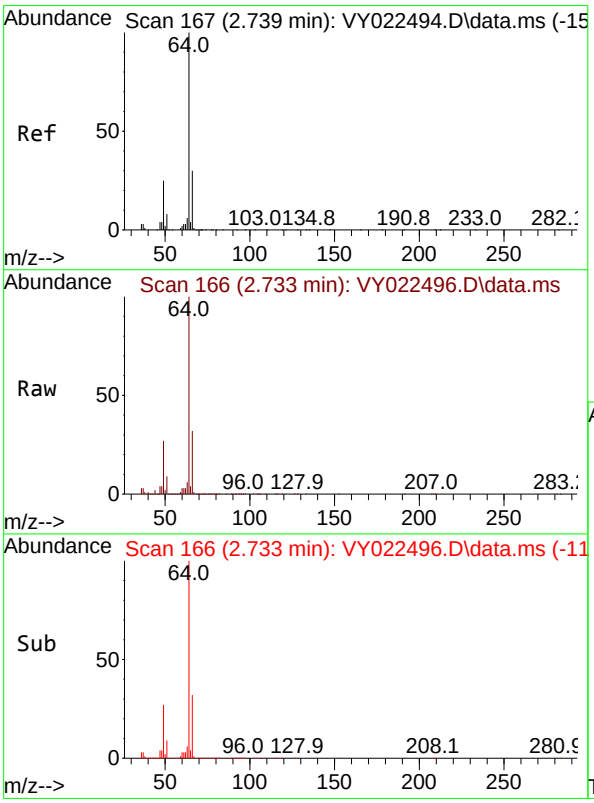
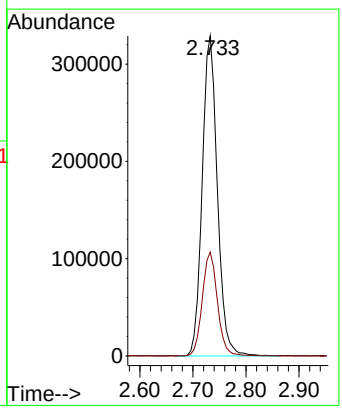
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

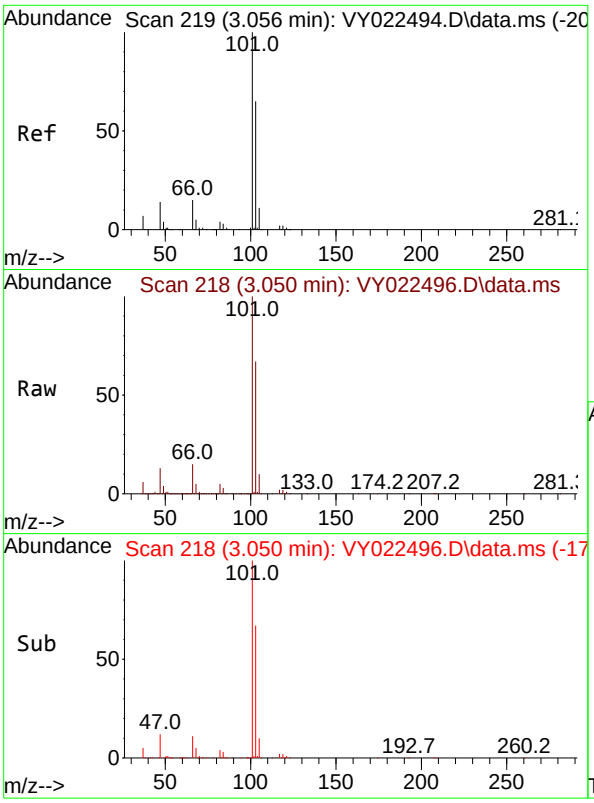


#6
Chloroethane
Concen: 140.013 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 64 Resp: 651603

Ion	Ratio	Lower	Upper
64	100		
66	32.4	23.8	35.6

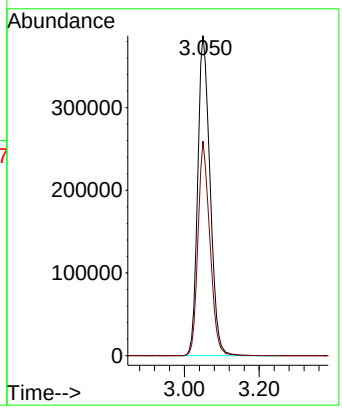




#7
Trichlorofluoromethane
Concen: 153.303 ug/l
RT: 3.050 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:101 Resp: 88539

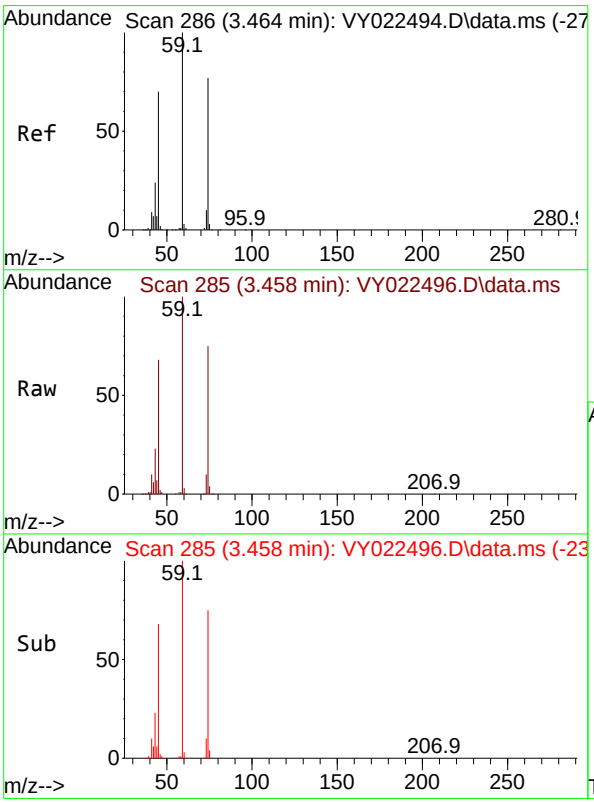
Ion	Ratio	Lower	Upper
101	100		
103	67.0	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

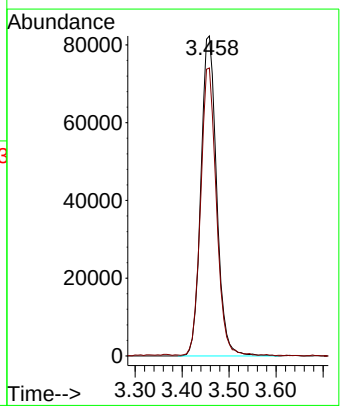
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

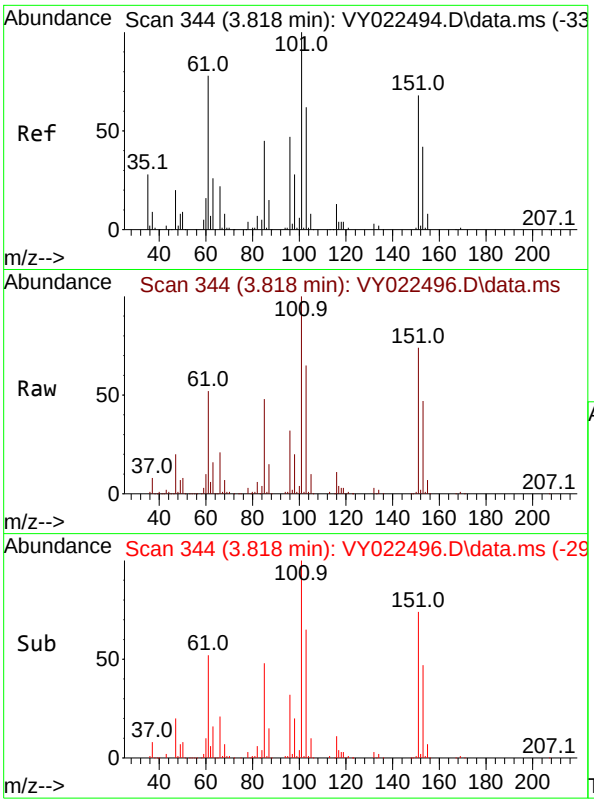


#8
Diethyl Ether
Concen: 150.036 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 74 Resp: 191391

Ion	Ratio	Lower	Upper
74	100		
45	89.8	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.929 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

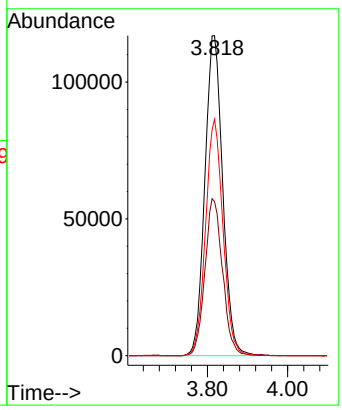
Tgt Ion:101 Resp: 360800

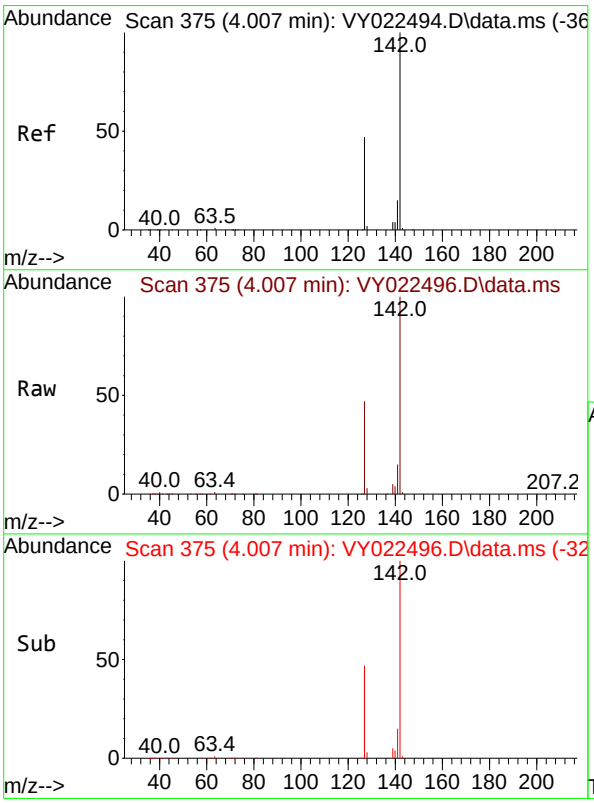
Ion	Ratio	Lower	Upper
101	100		
85	48.7	39.3	58.9
151	72.4	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

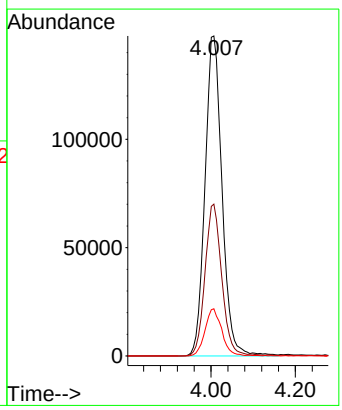


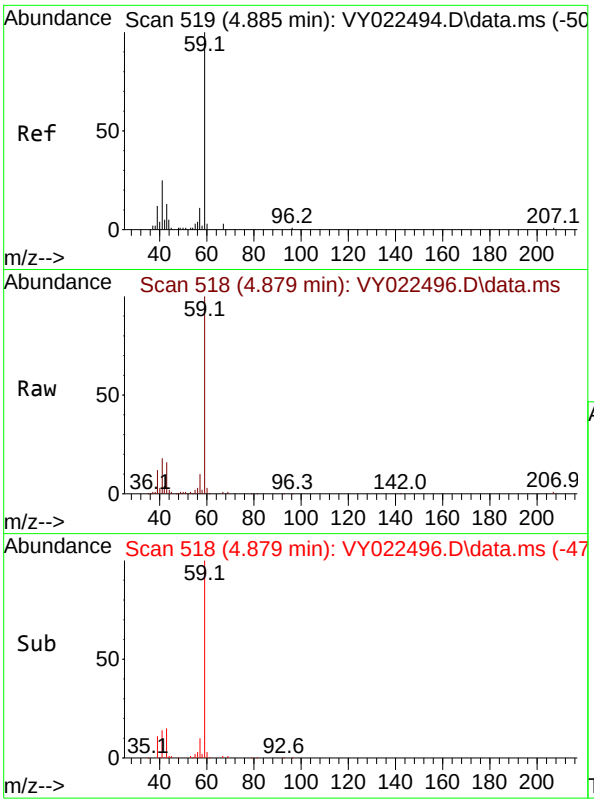


#10
Methyl Iodide
Concen: 160.129 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:142 Resp: 416014

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.1	55.7
141	14.6	11.4	17.2

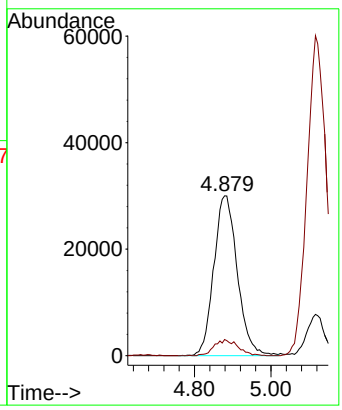




#11
Tert butyl alcohol
Concen: 731.071 ug/l
RT: 4.879 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 59 Resp: 12801

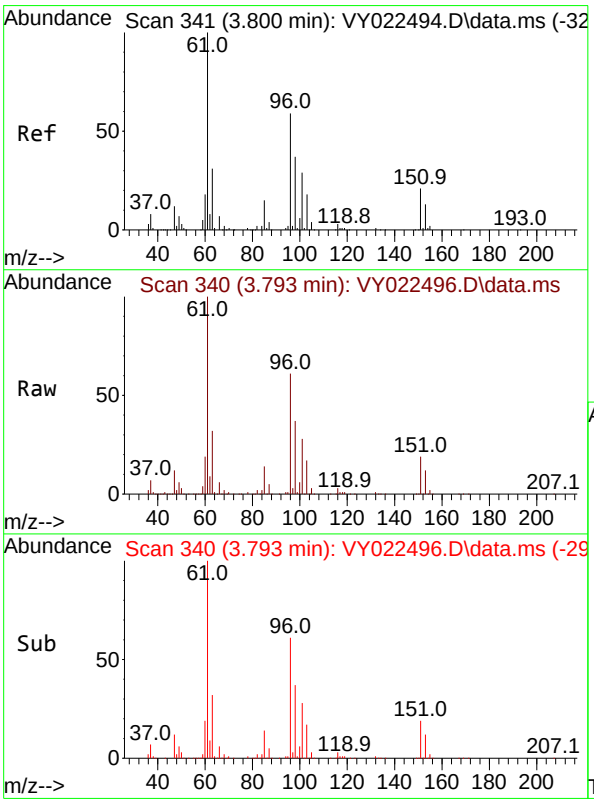
Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

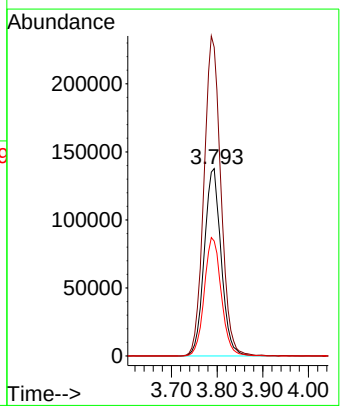
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

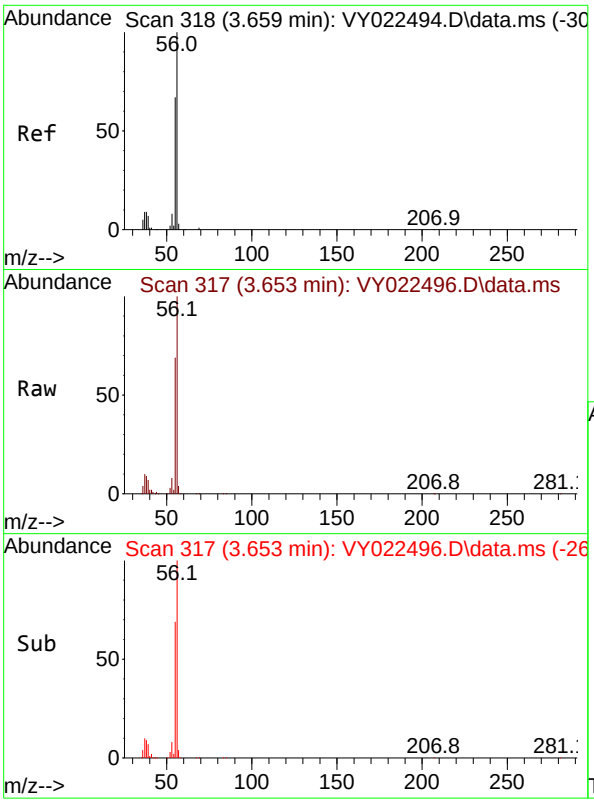


#12
1,1-Dichloroethene
Concen: 152.730 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 96 Resp: 353193

Ion	Ratio	Lower	Upper
96	100		
61	164.8	134.6	201.8
98	61.3	50.2	75.4

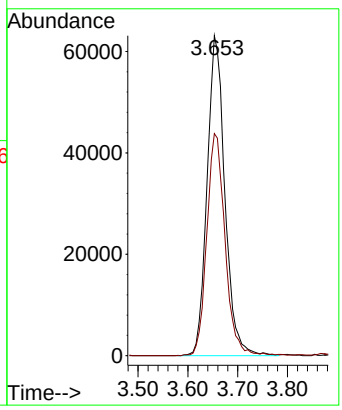




#13
Acrolein
Concen: 731.778 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 56 Resp: 15641

Ion	Ratio	Lower	Upper
56	100		
55	70.9	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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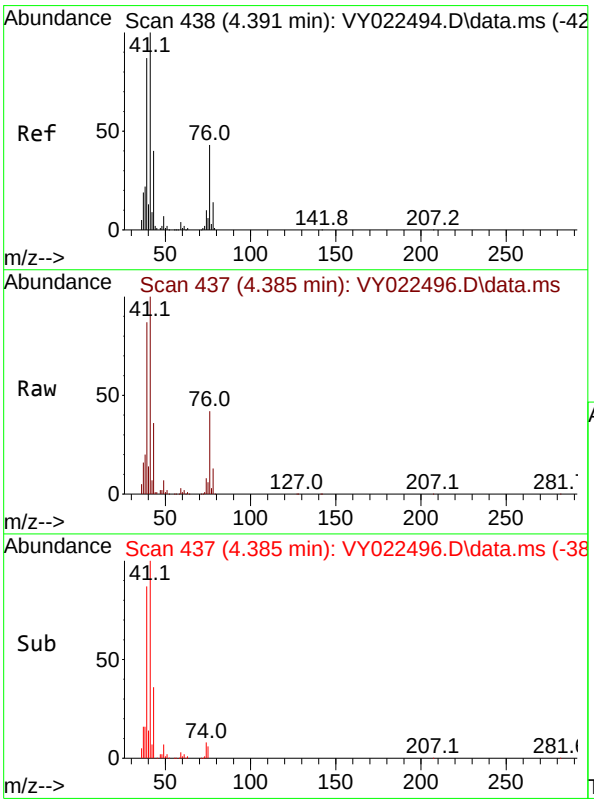
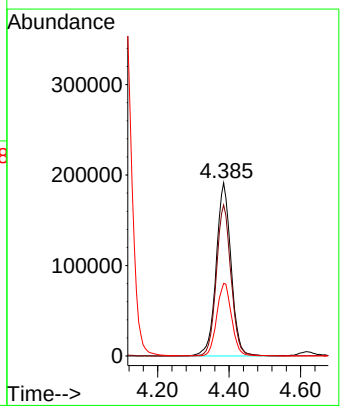
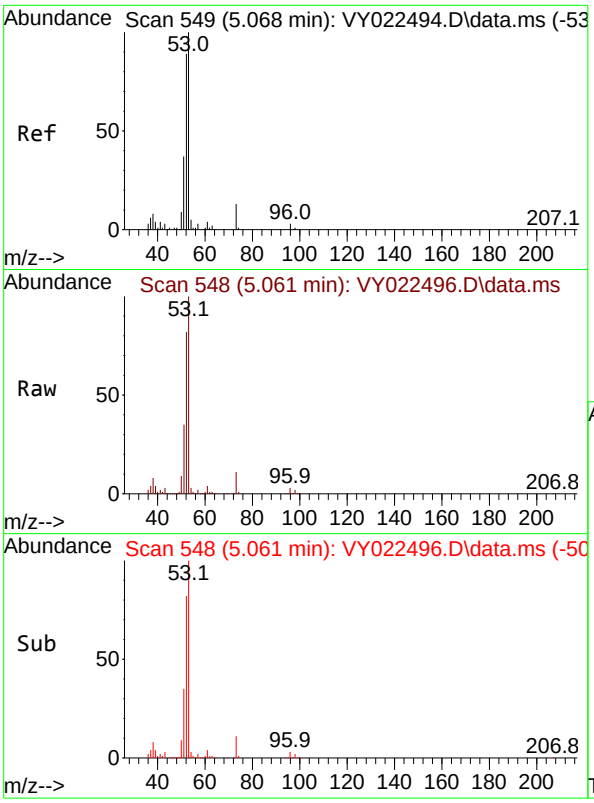


#14
Allyl chloride
Concen: 153.152 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 41 Resp: 551896

Ion	Ratio	Lower	Upper
41	100		
39	86.2	69.1	103.7
76	41.5	33.5	50.3





#15
Acrylonitrile
Concen: 749.634 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

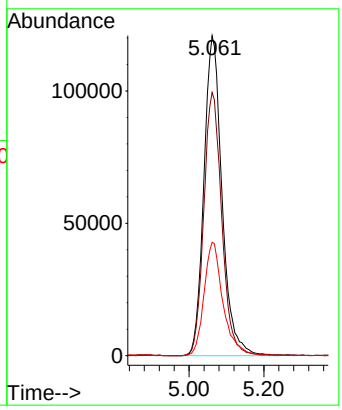
Tgt Ion: 53 Resp: 40674

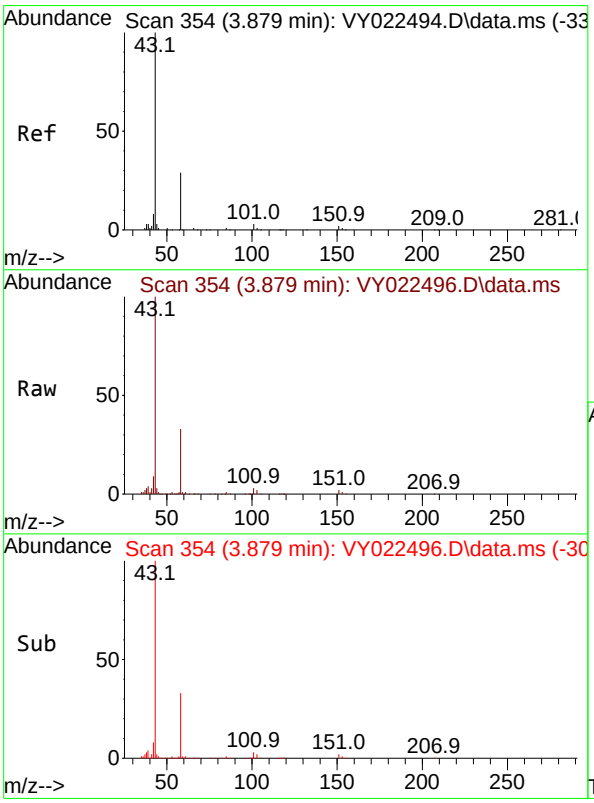
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.7	98.5
51	37.1	30.1	45.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

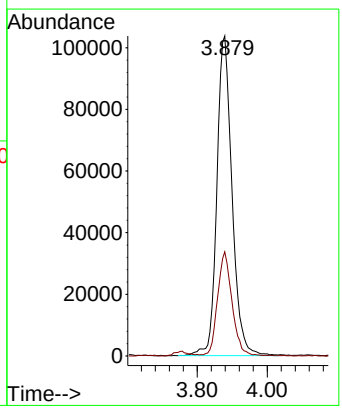


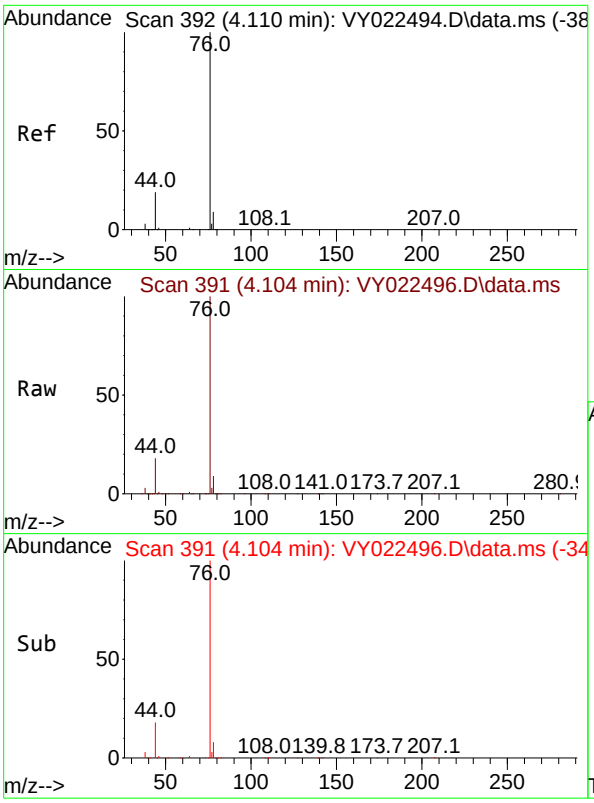


#16
Acetone
Concen: 643.577 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 311886

Ion	Ratio	Lower	Upper
43	100		
58	32.5	24.0	36.0





#17
Carbon Disulfide
Concen: 152.513 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

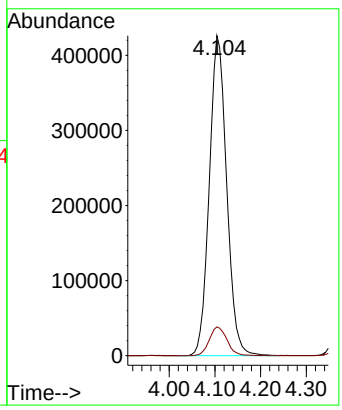
Tgt Ion: 76 Resp: 112607

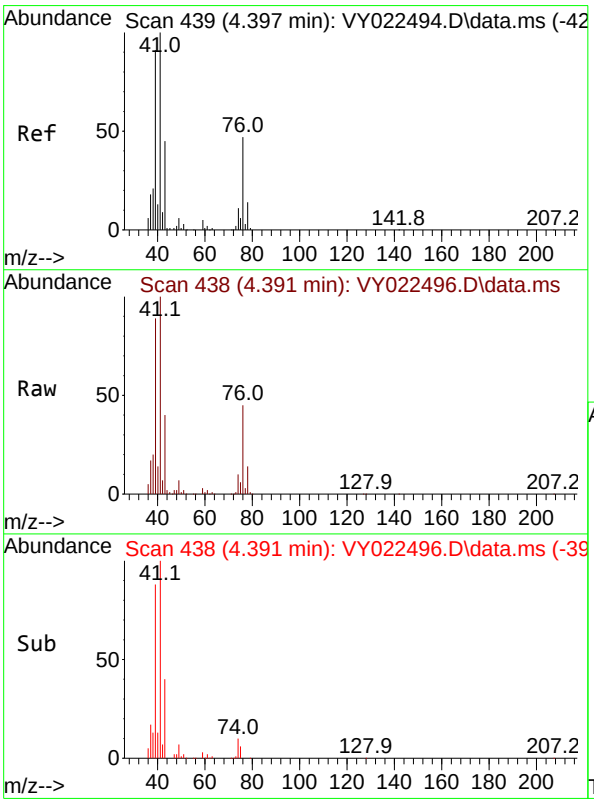
Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

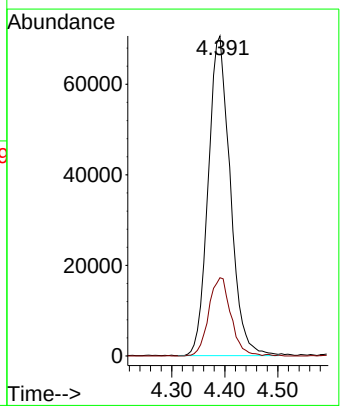


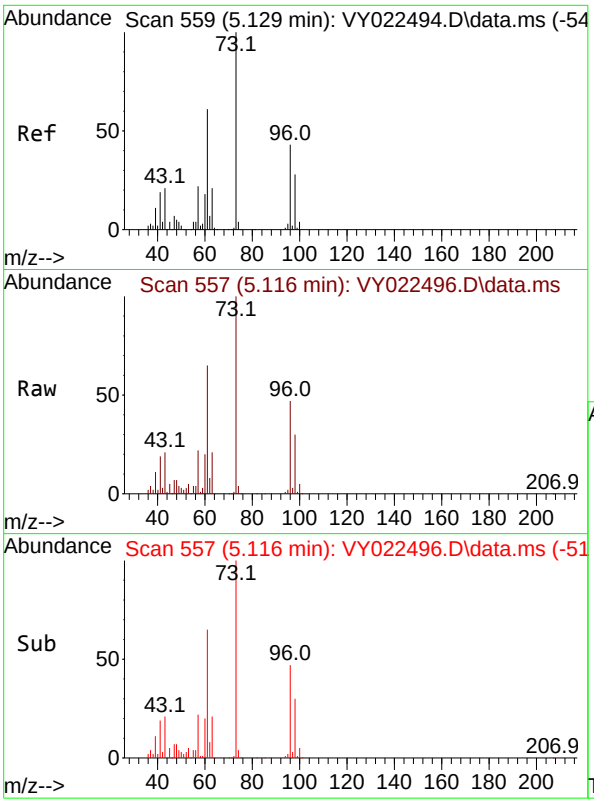


#18
Methyl Acetate
Concen: 139.589 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 203507

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.6

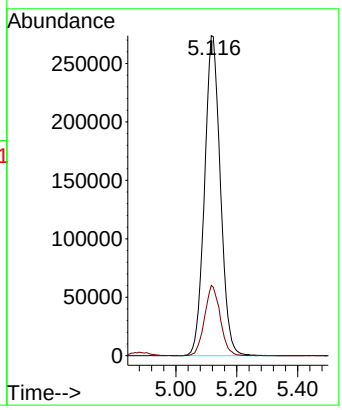




#19
Methyl tert-butyl Ether
Concen: 153.134 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 73 Resp: 98807

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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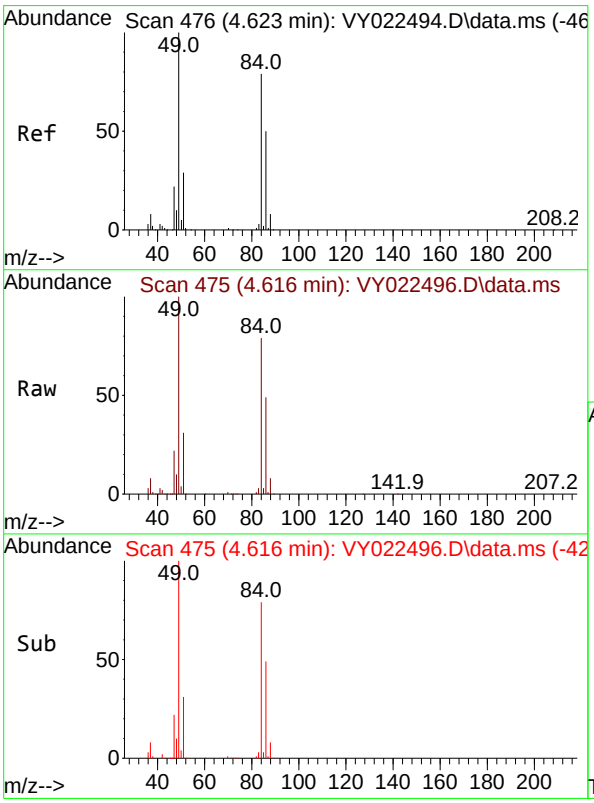
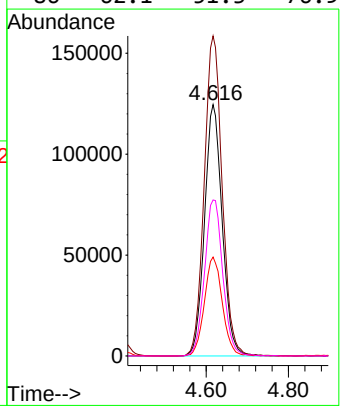
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

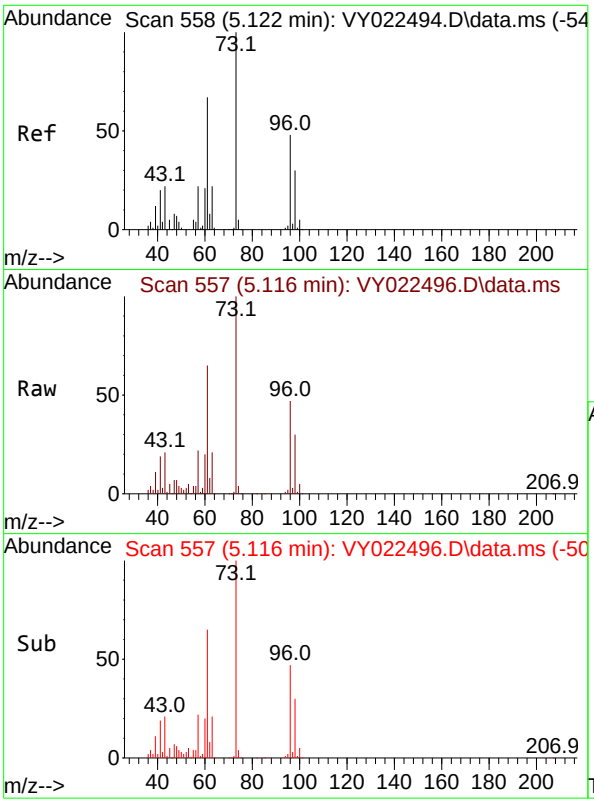


#20
Methylene Chloride
Concen: 137.416 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 84 Resp: 371818

Ion	Ratio	Lower	Upper
84	100		
49	127.3	101.9	152.9
51	39.4	29.8	44.8
86	62.1	51.3	76.9

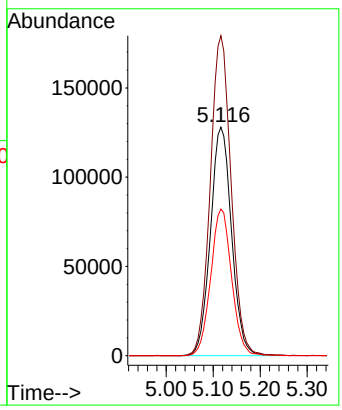




#21
trans-1,2-Dichloroethene
Concen: 154.808 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 96 Resp: 39993

Ion	Ratio	Lower	Upper
96	100		
61	140.1	112.6	169.0
98	64.1	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
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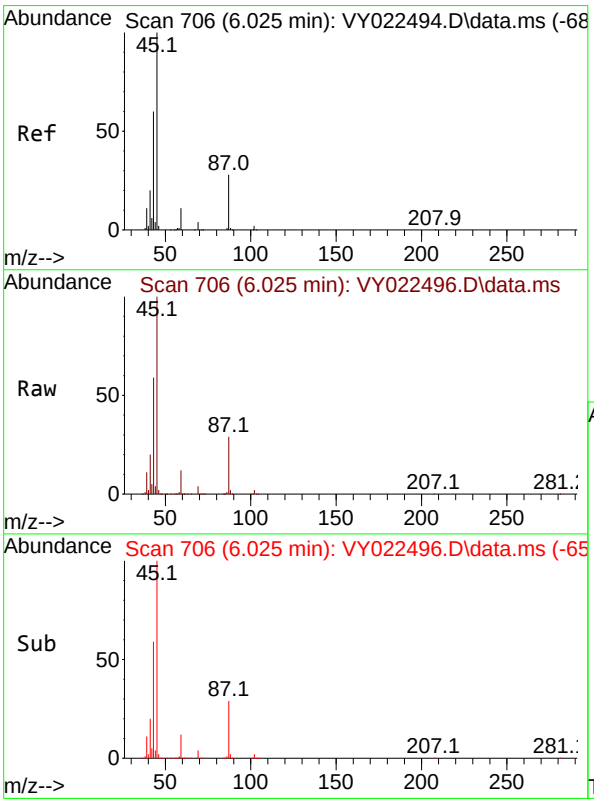
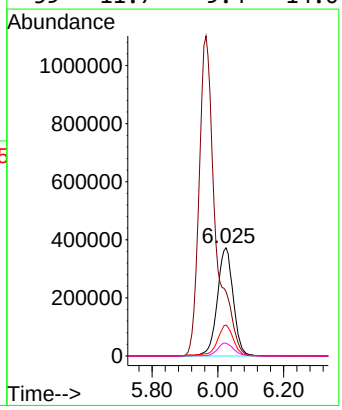
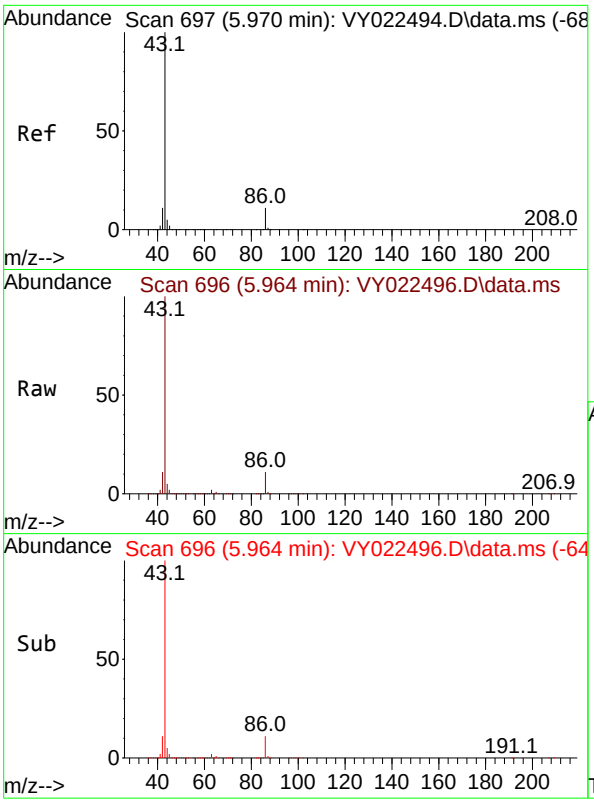


#22
Diisopropyl ether
Concen: 155.346 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 45 Resp: 1244804

Ion	Ratio	Lower	Upper
45	100		
43	59.5	48.3	72.5
87	28.6	23.0	34.6
59	11.7	9.4	14.0





#23
Vinyl Acetate
Concen: 800.629 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 380602

Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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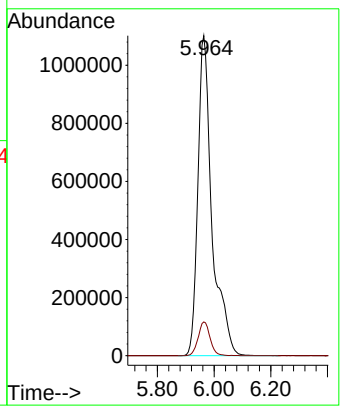
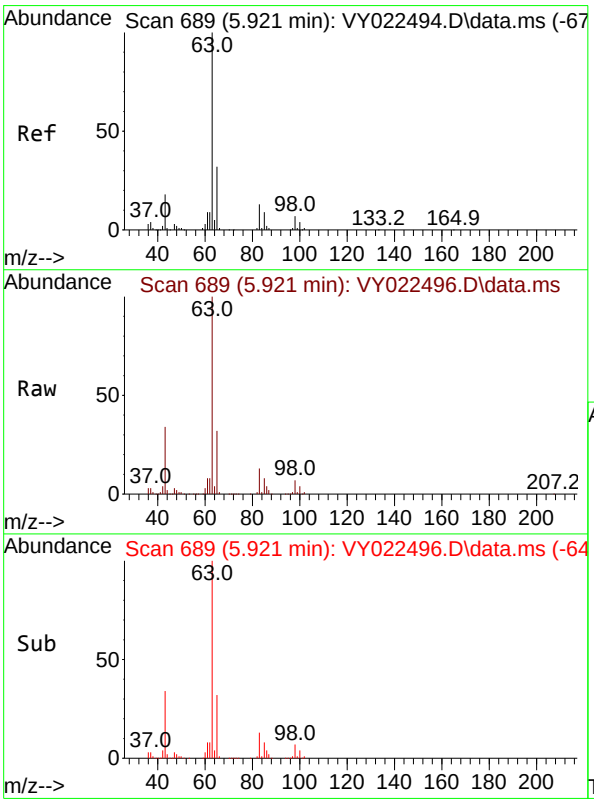
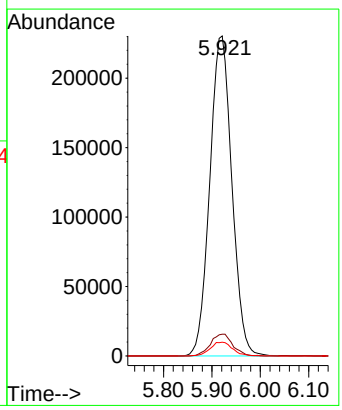


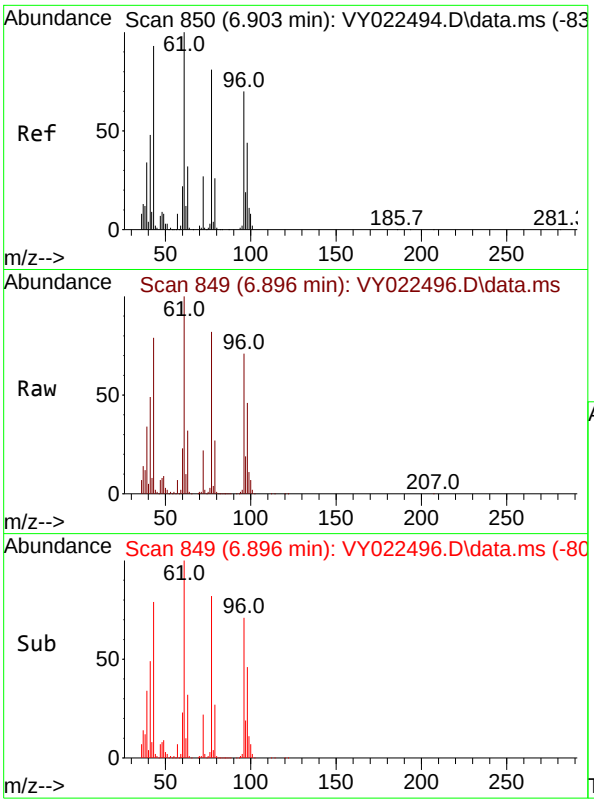


#24
1,1-Dichloroethane
Concen: 154.173 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 63 Resp: 730276

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.1
100	4.3	2.1	6.3





#25
2-Butanone
Concen: 742.386 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 53069

Ion	Ratio	Lower	Upper
43	100		
72	28.2	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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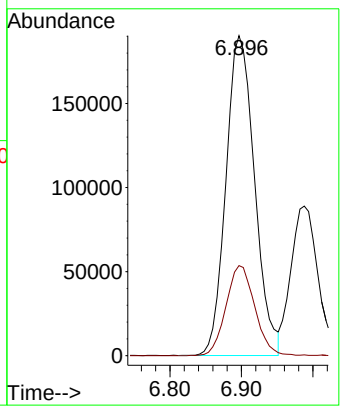
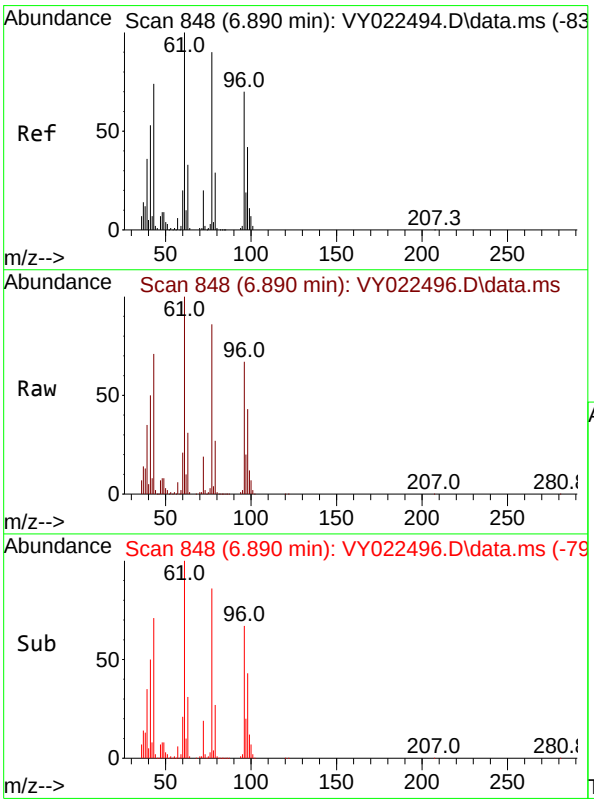
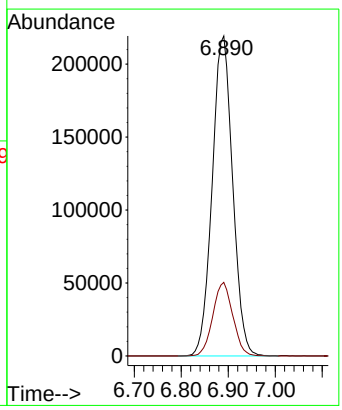


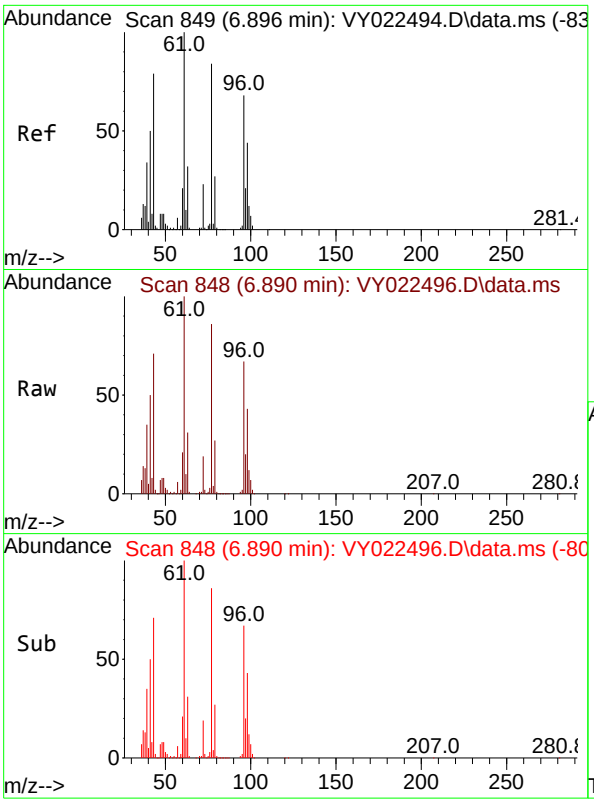


#26
2,2-Dichloropropane
Concen: 157.698 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 77 Resp: 664024

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.2

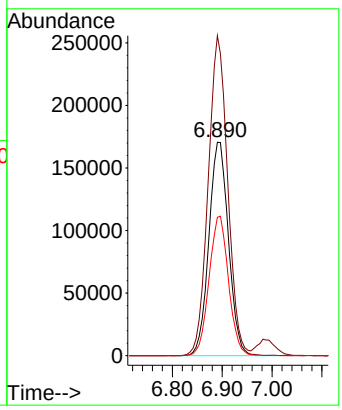




#27
cis-1,2-Dichloroethene
Concen: 156.334 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 96 Resp: 46680

Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	290.0
98	64.7	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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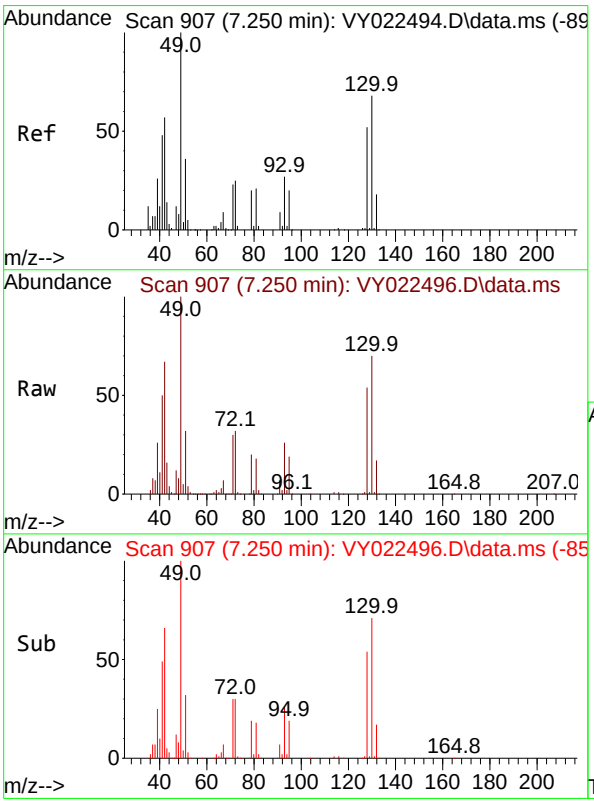
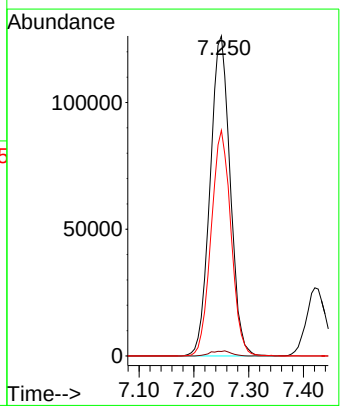
Supervised By :Mahesh Dadoda 06/03/2025

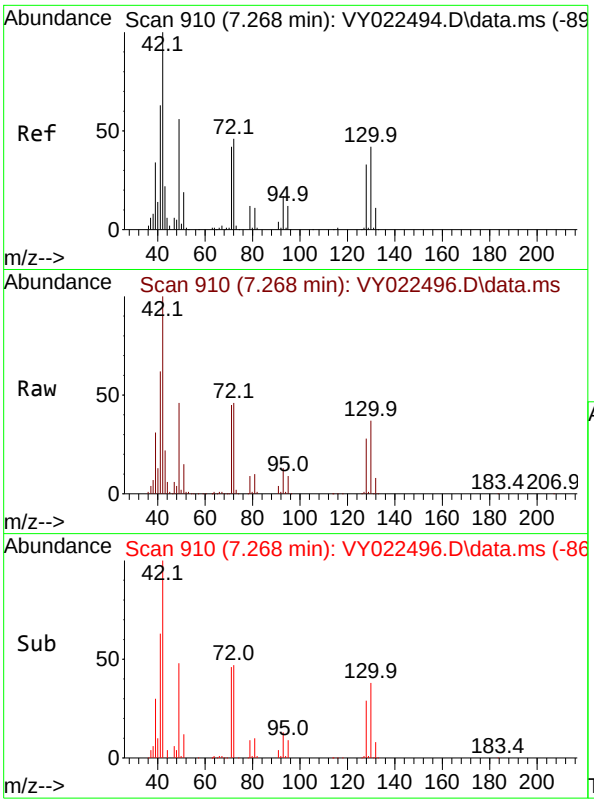


#28
Bromochloromethane
Concen: 156.605 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 49 Resp: 320509

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	69.8	55.7	83.5

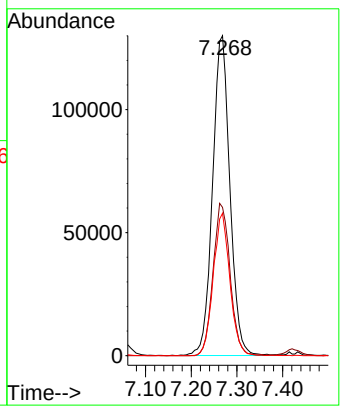




#29
Tetrahydrofuran
Concen: 742.566 ug/l
RT: 7.268 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 42 Resp: 34243

Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.4	56.2
71	42.9	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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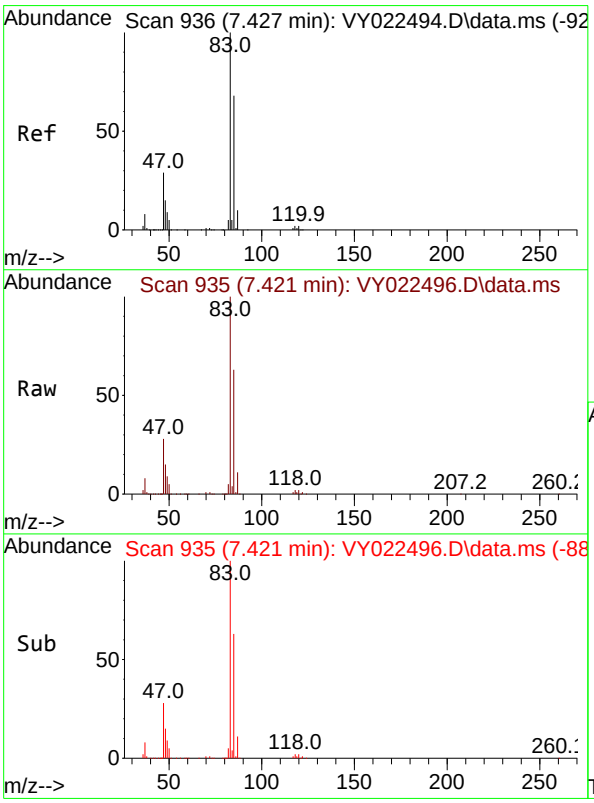
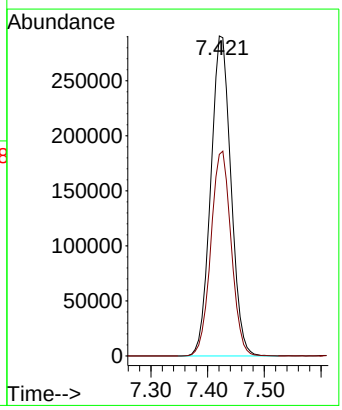
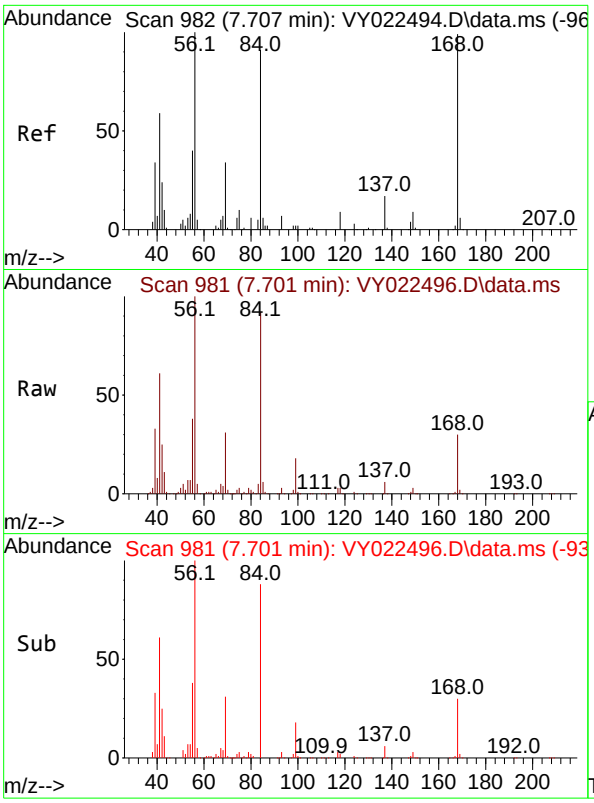


#30
Chloroform
Concen: 153.285 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 83 Resp: 717477

Ion	Ratio	Lower	Upper
83	100		
85	63.0	54.2	81.4





#31
Cyclohexane
Concen: 140.095 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 56 Resp: 66783

Ion	Ratio	Lower	Upper
56	100		
69	30.6	27.0	40.6
84	89.9	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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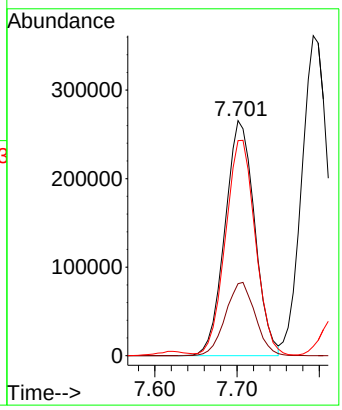
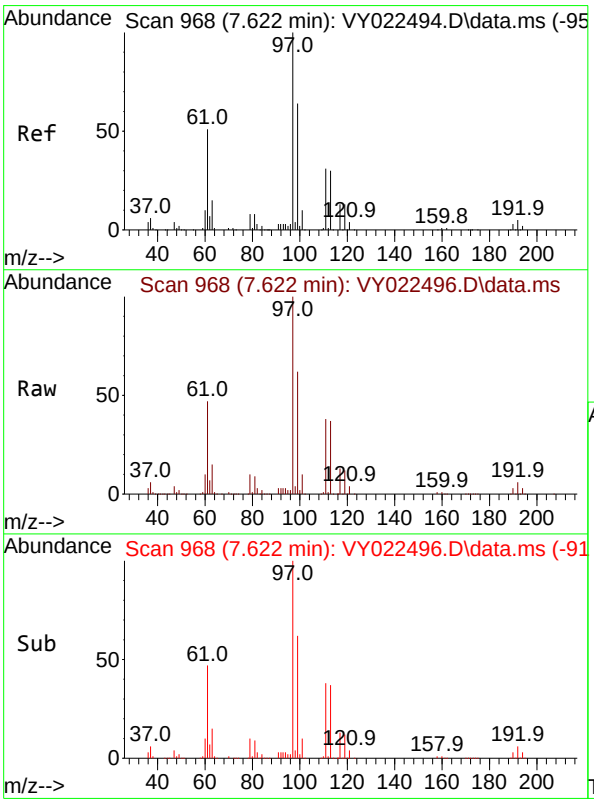
Supervised By :Mahesh Dadoda 06/03/2025

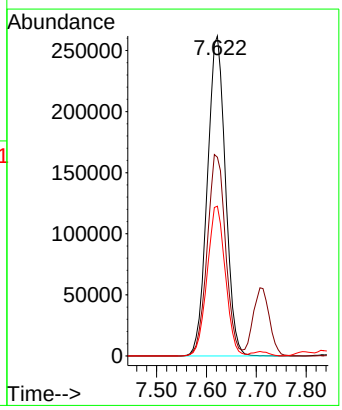


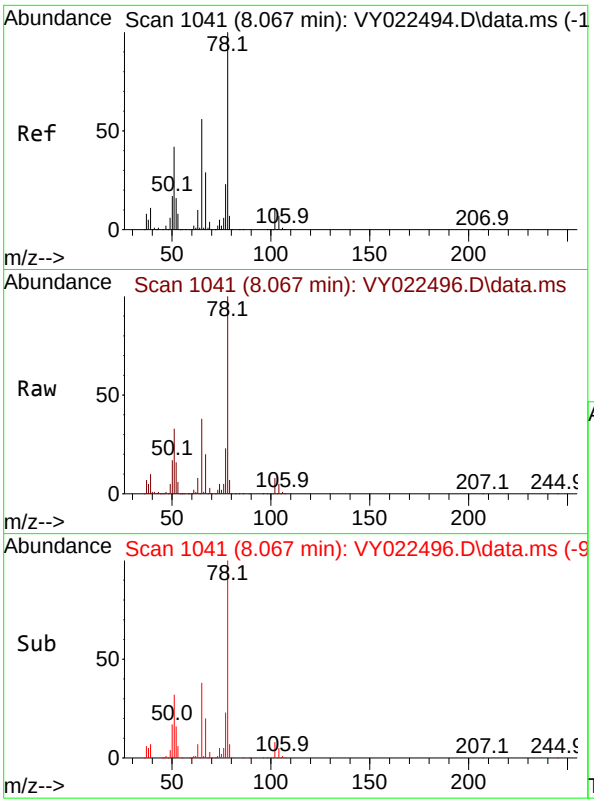


#32
1,1,1-Trichloroethane
Concen: 157.892 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 97 Resp: 660456

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.9	76.3
61	47.2	38.5	57.7

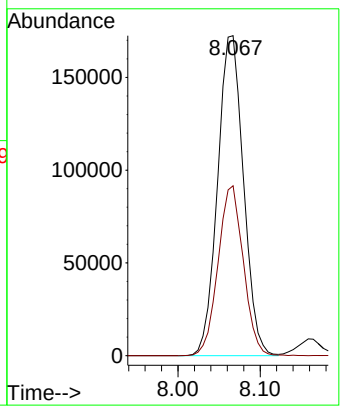




#33
1,2-Dichloroethane-d4
Concen: 154.078 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 65 Resp: 37770

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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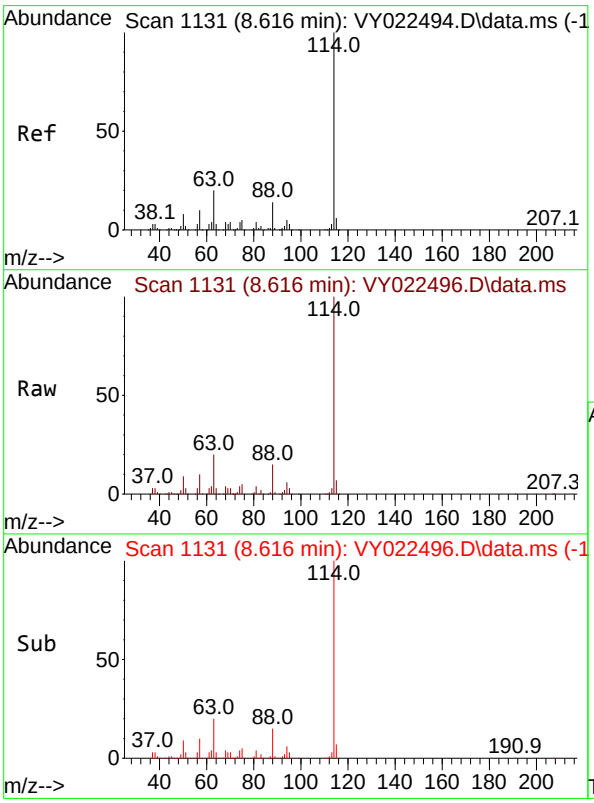
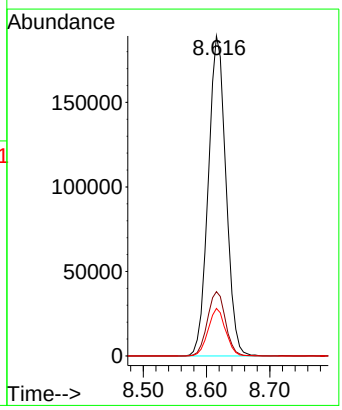
Supervised By :Mahesh Dadoda 06/03/2025

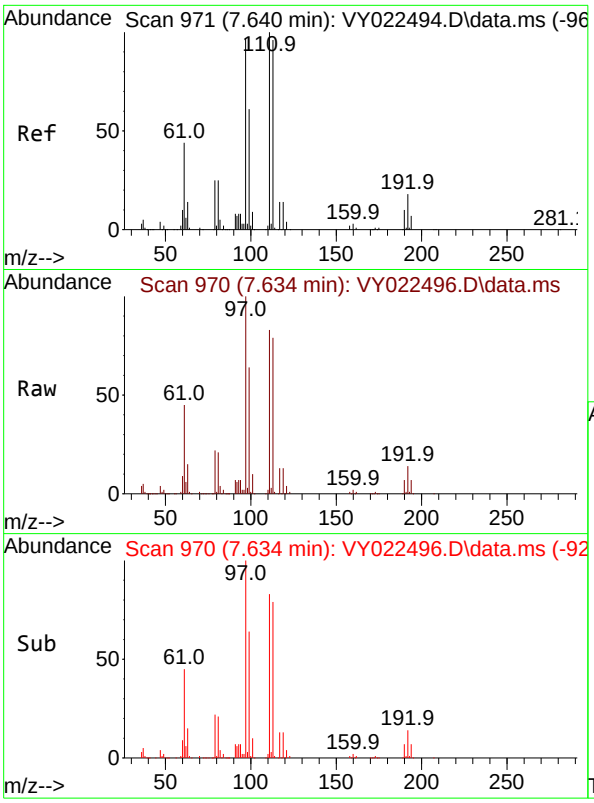


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:114 Resp: 367991

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	14.8	0.0	27.8





#35
Dibromofluoromethane
Concen: 160.661 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:113 Resp: 34803

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.1	121.7
192	18.2	14.2	21.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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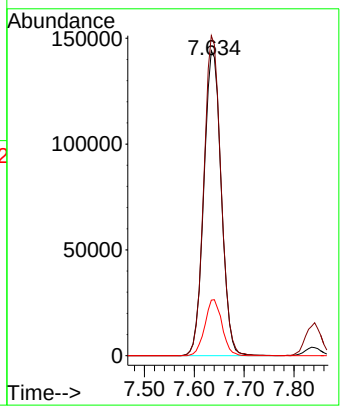
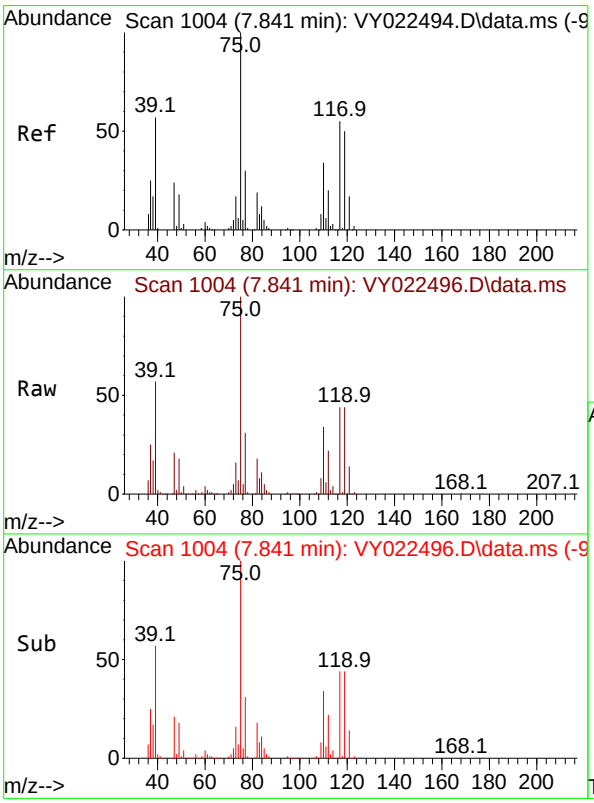
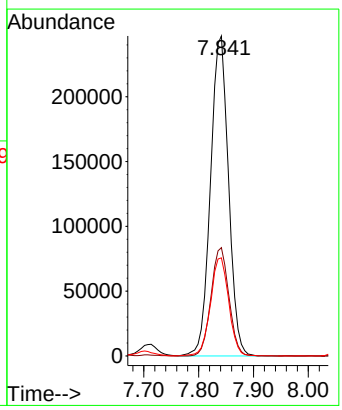


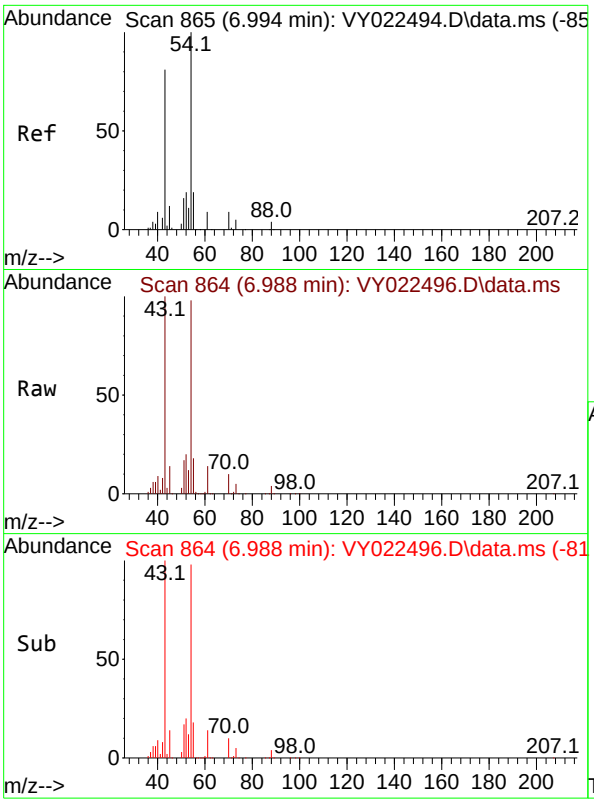


#36
1,1-Dichloropropene
Concen: 160.756 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 562935

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	31.1	24.8	37.2

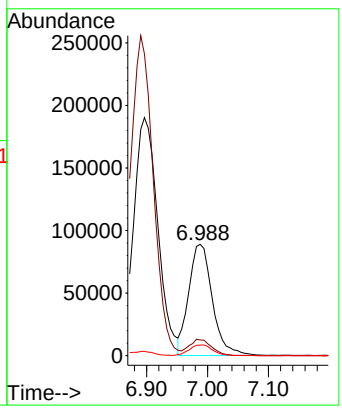




#37
Ethyl Acetate
Concen: 155.059 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 23896

Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.5	17.3
70	9.4	7.2	10.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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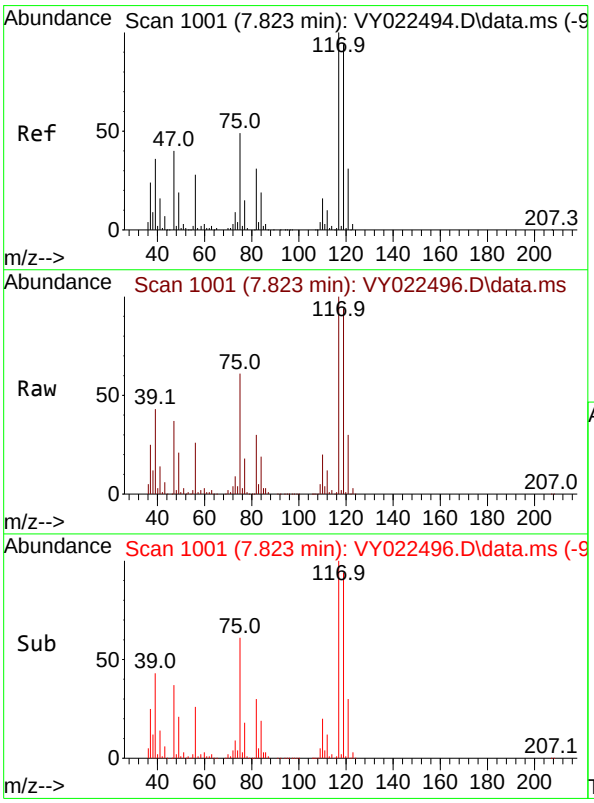
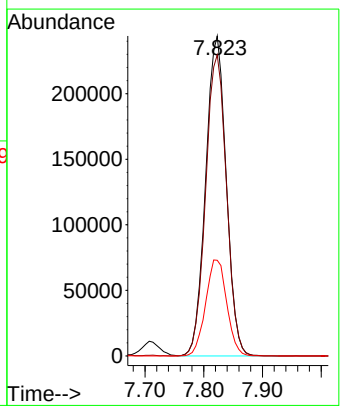
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

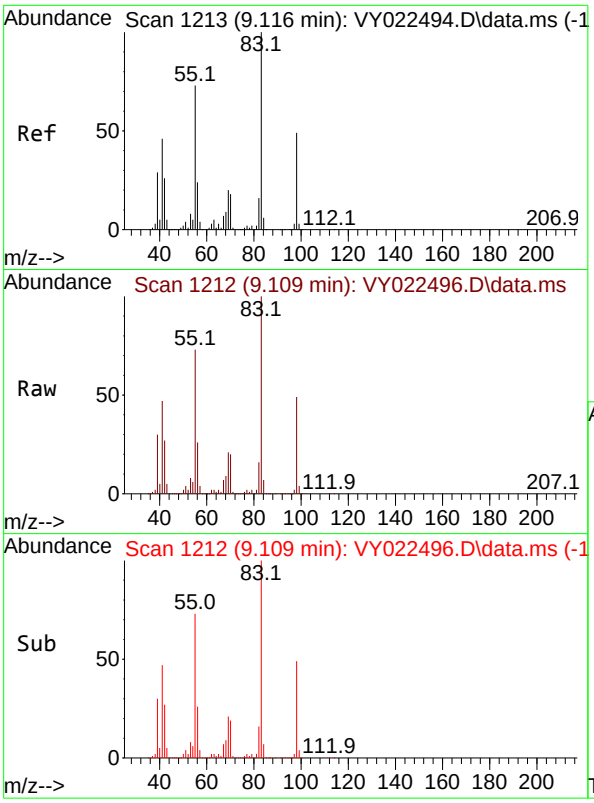


#38
Carbon Tetrachloride
Concen: 164.311 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:117 Resp: 593167

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.6
121	29.9	25.0	37.4

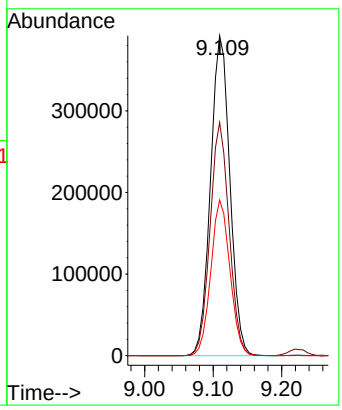




#39
Methylcyclohexane
Concen: 162.851 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 83 Resp: 77038

Ion	Ratio	Lower	Upper
83	100		
55	72.9	58.1	87.1
98	48.7	39.0	58.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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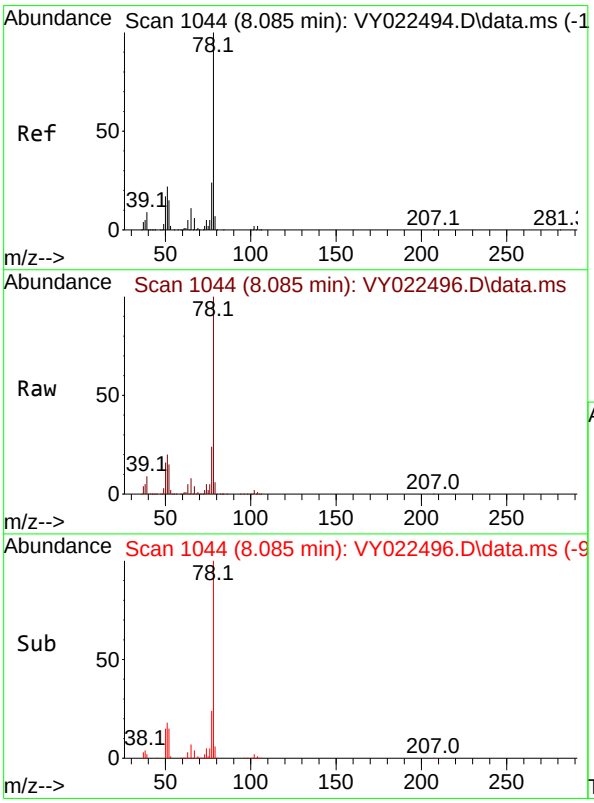
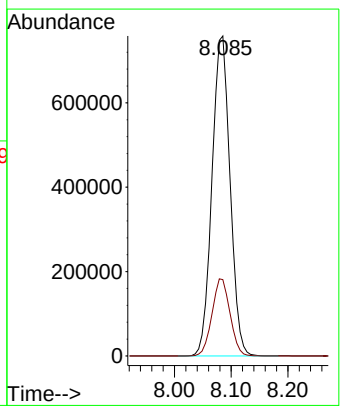
Supervised By :Mahesh Dadoda 06/03/2025

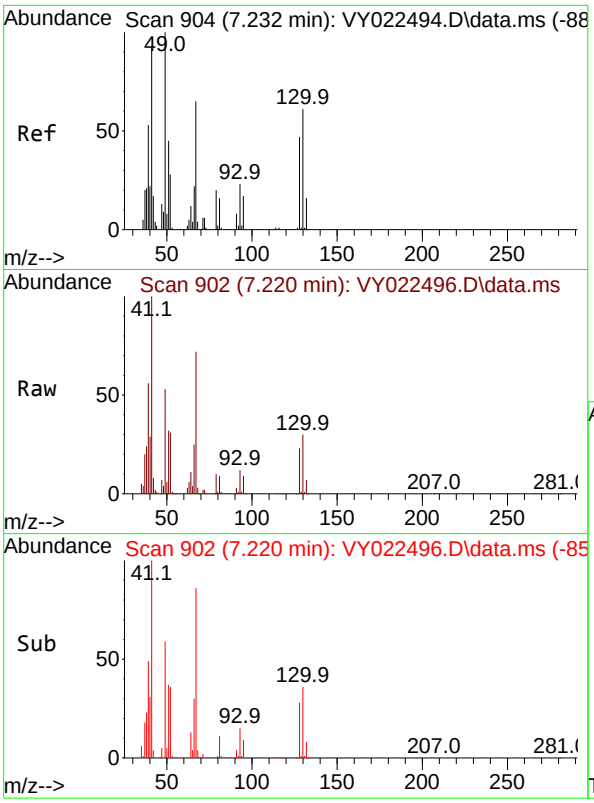


#40
Benzene
Concen: 162.332 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 78 Resp: 1675603

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9

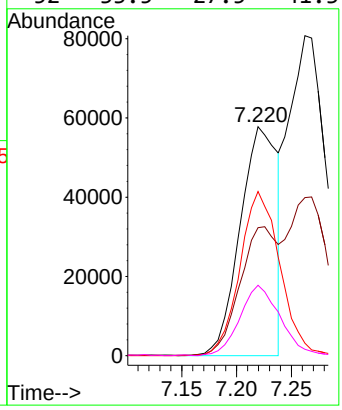




#41
Methacrylonitrile
Concen: 137.523 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 41 Resp: 13649

Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.6	69.8
67	77.5	63.3	94.9
52	33.5	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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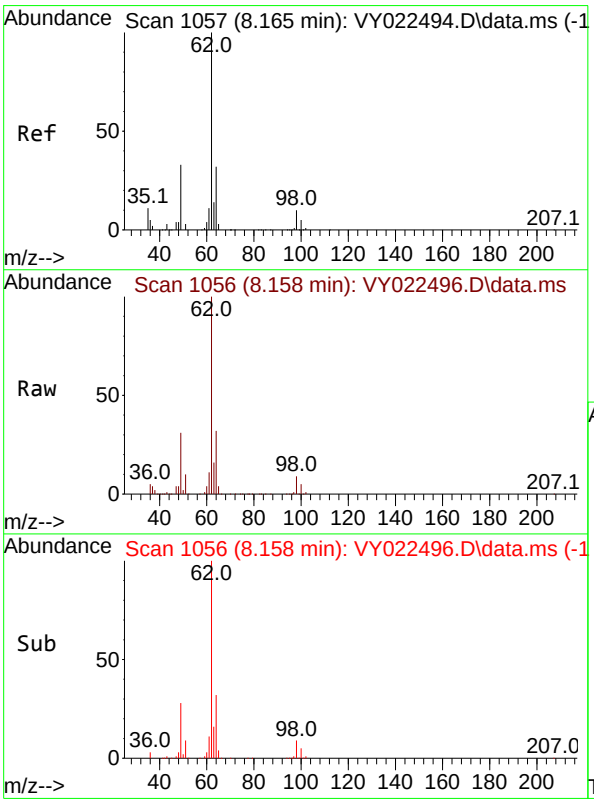
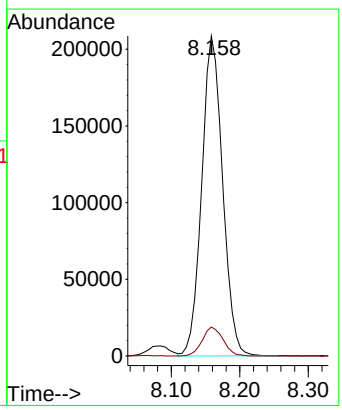
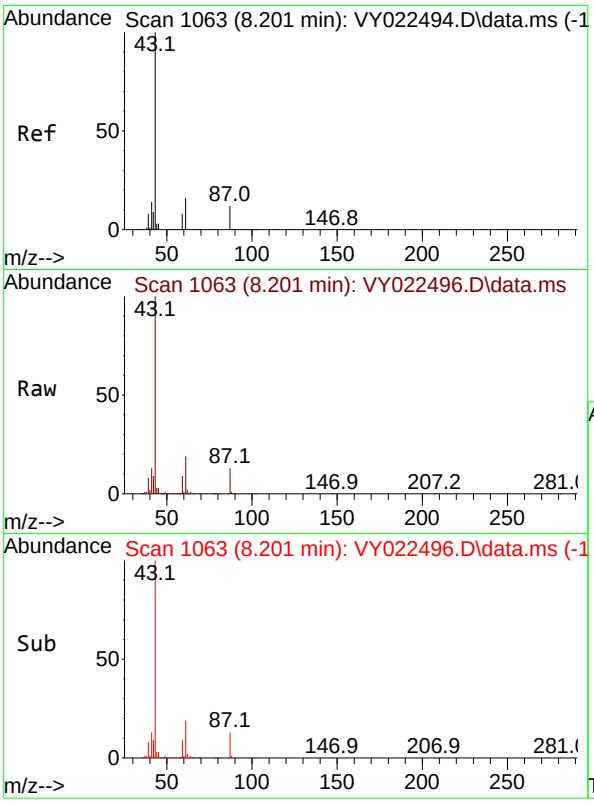


#42
1,2-Dichloroethane
Concen: 157.491 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 62 Resp: 442216

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2

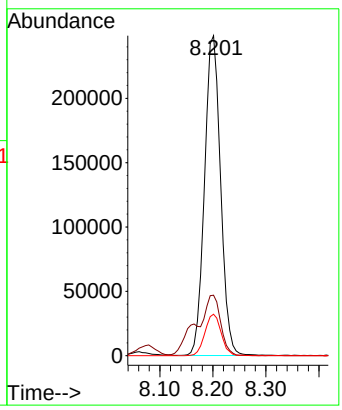




#43
Isopropyl Acetate
Concen: 155.250 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 52284

Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.6	23.4
87	13.1	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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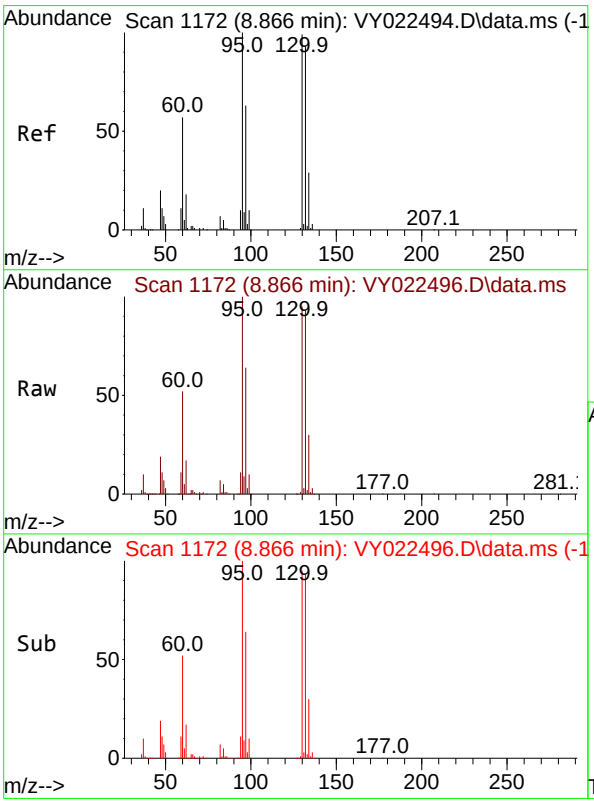
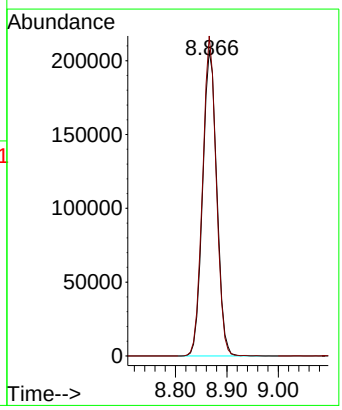
Supervised By :Mahesh Dadoda 06/03/2025

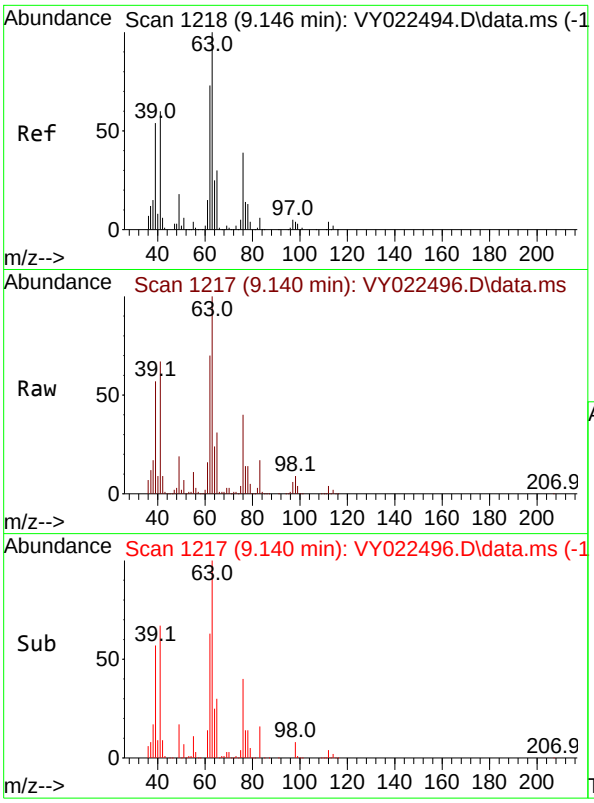


#44
Trichloroethene
Concen: 156.583 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:130 Resp: 394832

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	203.0

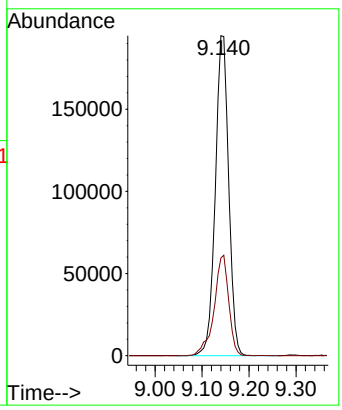




#45
1,2-Dichloropropane
Concen: 156.539 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 63 Resp: 38520

Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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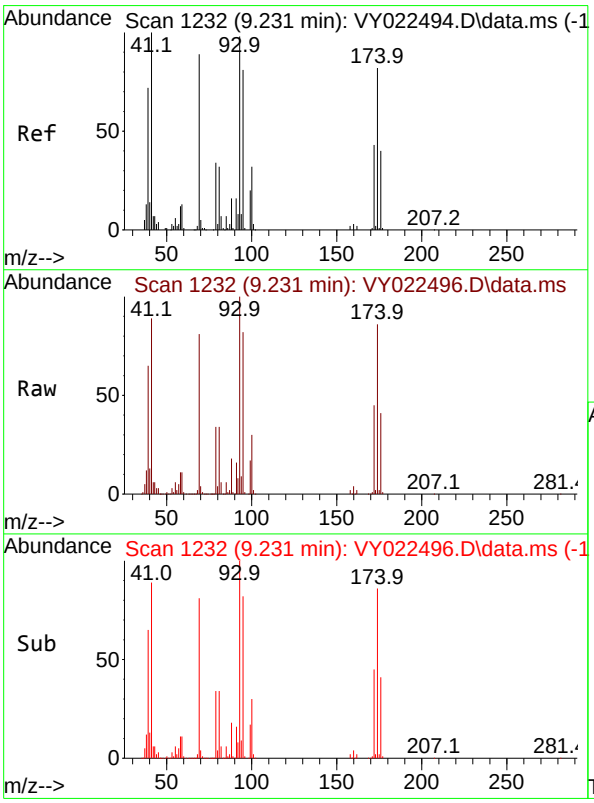
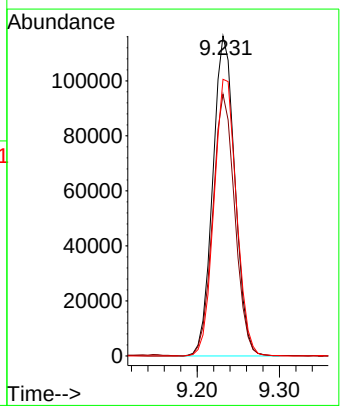
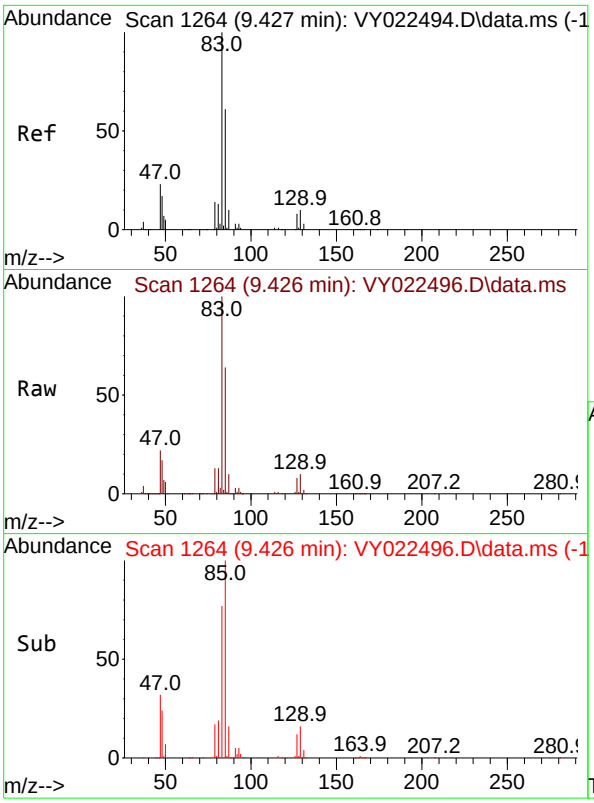


#46
Dibromomethane
Concen: 158.140 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 93 Resp: 218014

Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.6	98.4
174	87.8	70.4	105.6

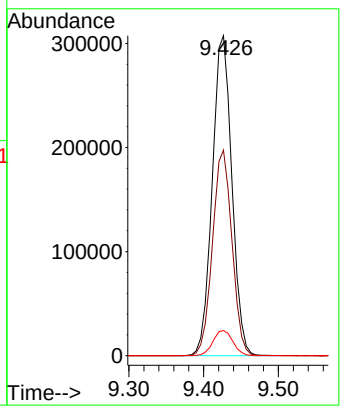




#47
Bromodichloromethane
Concen: 160.221 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 83 Resp: 56042

Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.1	73.7
127	7.9	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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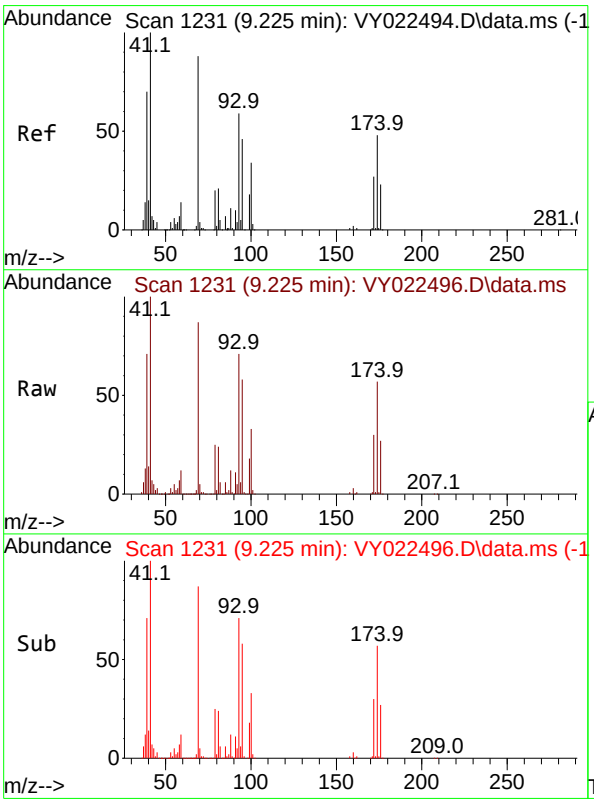
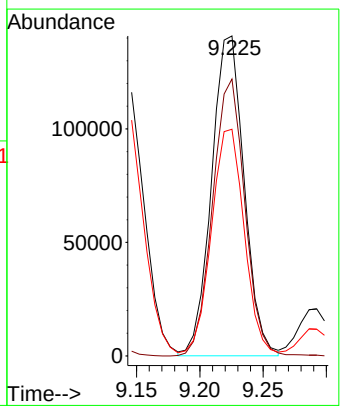
Supervised By :Mahesh Dadoda 06/03/2025

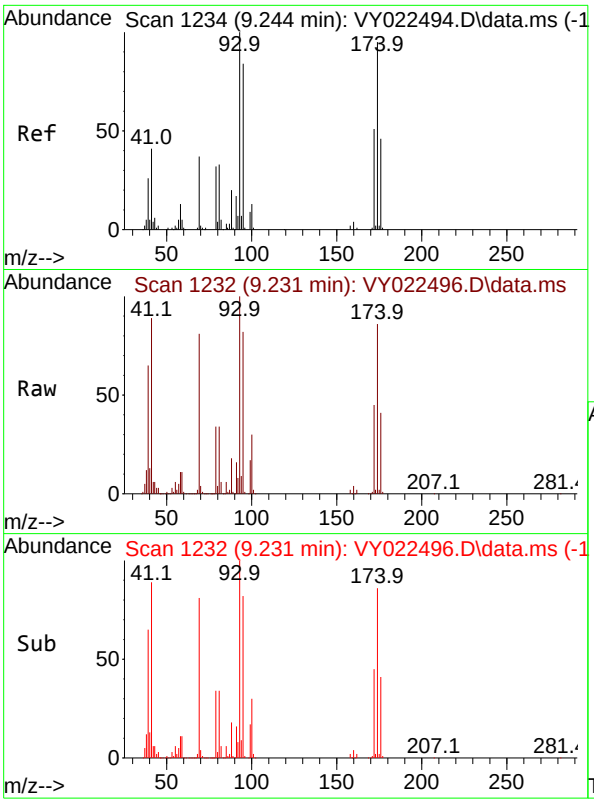


#48
Methyl methacrylate
Concen: 163.897 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 41 Resp: 252724

Ion	Ratio	Lower	Upper
41	100		
69	85.6	67.8	101.8
39	69.7	55.0	82.4

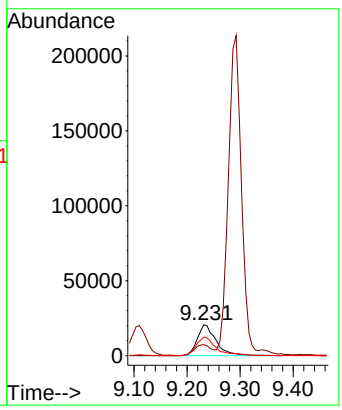




#49
1,4-Dioxane
Concen: 3093.301 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 88 Resp: 5087

Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.4	38.2
58	64.1	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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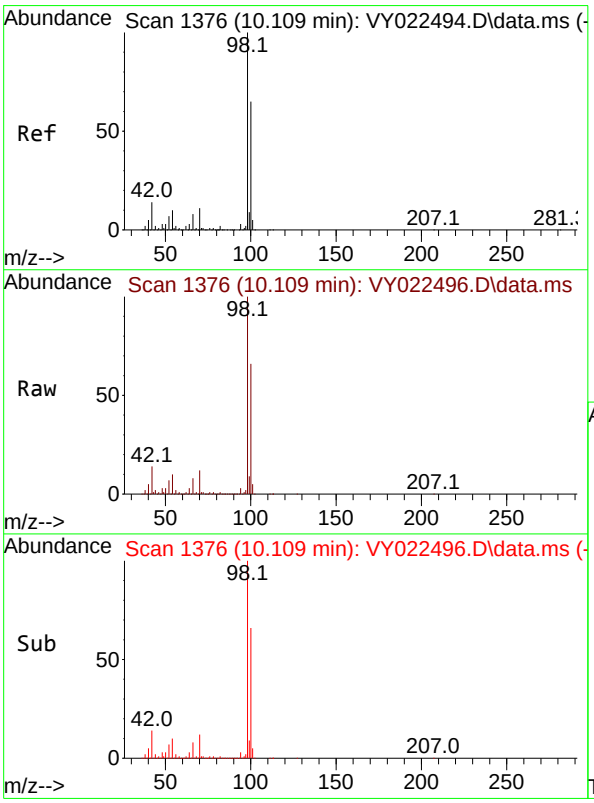
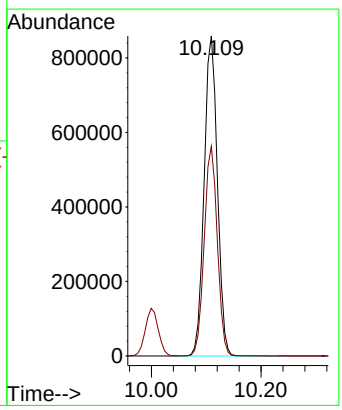
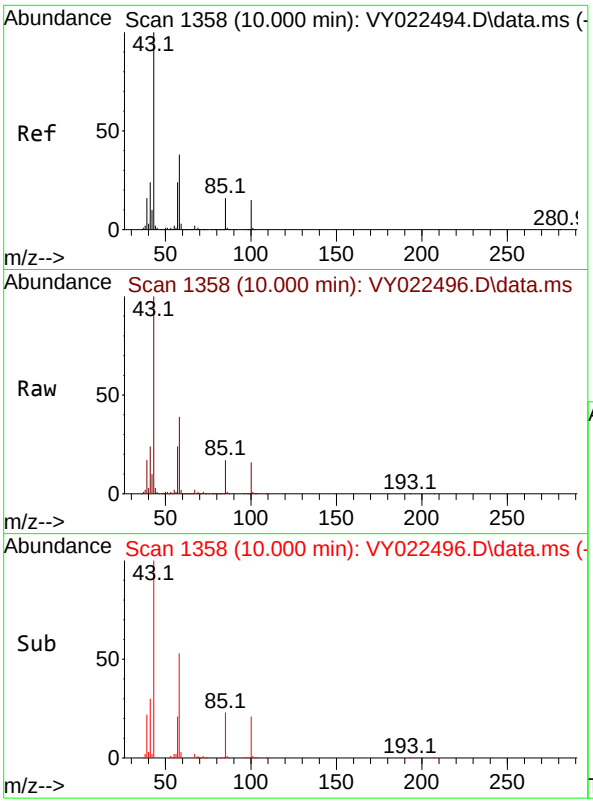


#50
Toluene-d8
Concen: 163.617 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 98 Resp: 1432587

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0

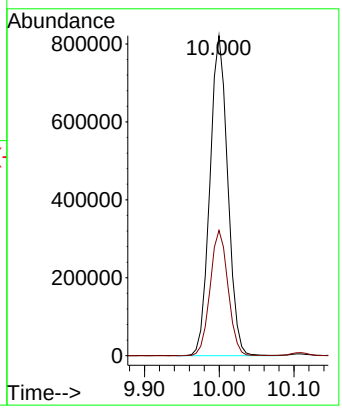




#51
4-Methyl-2-Pentanone
Concen: 812.744 ug/l
RT: 10.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 135851

Ion	Ratio	Lower	Upper
43	100		
58	39.3	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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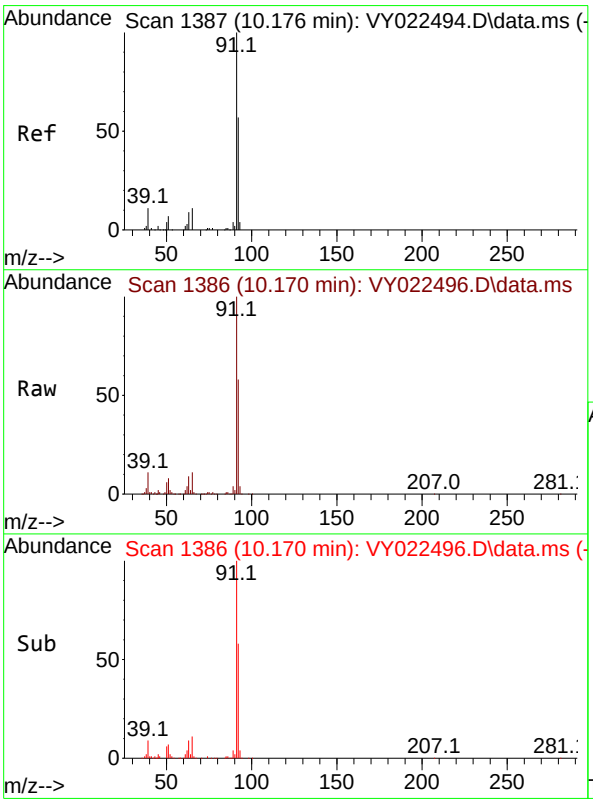
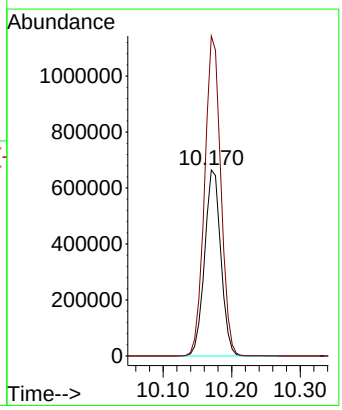
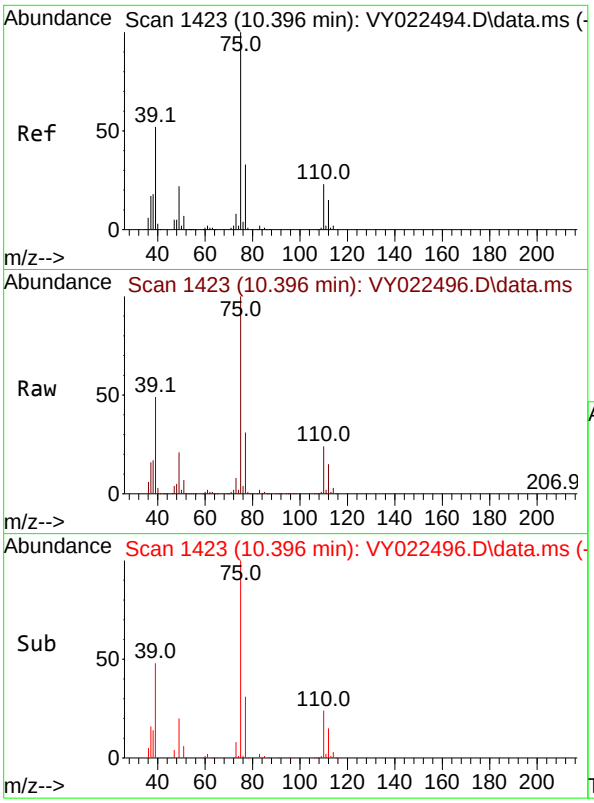


#52
Toluene
Concen: 168.447 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 92 Resp: 1093200

Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.0	208.4

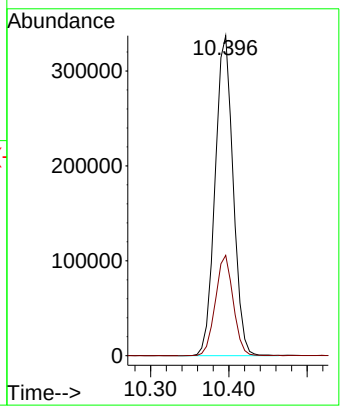




#53
t-1,3-Dichloropropene
Concen: 166.237 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 53792

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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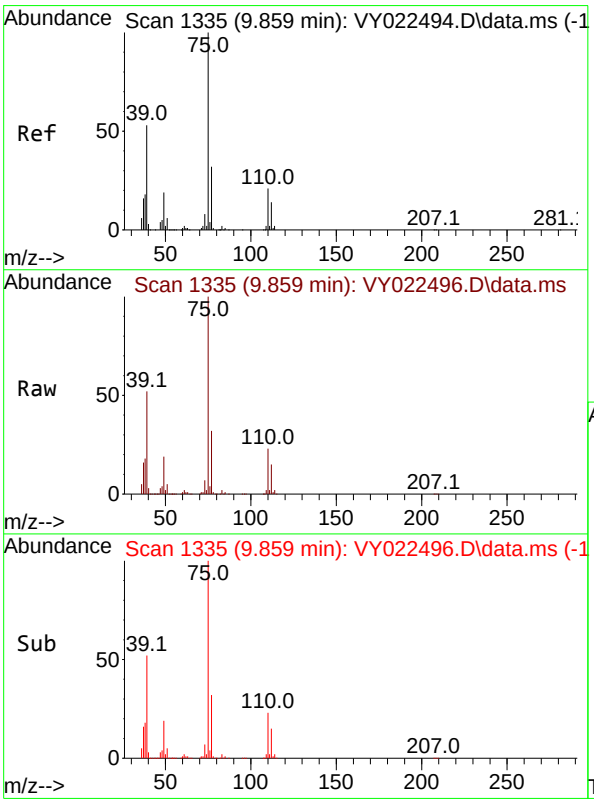
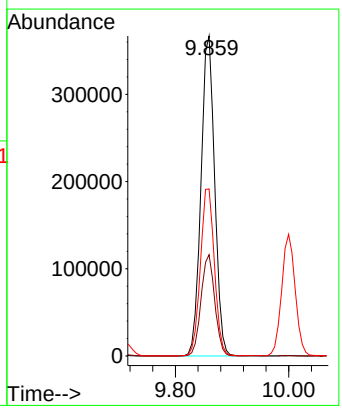
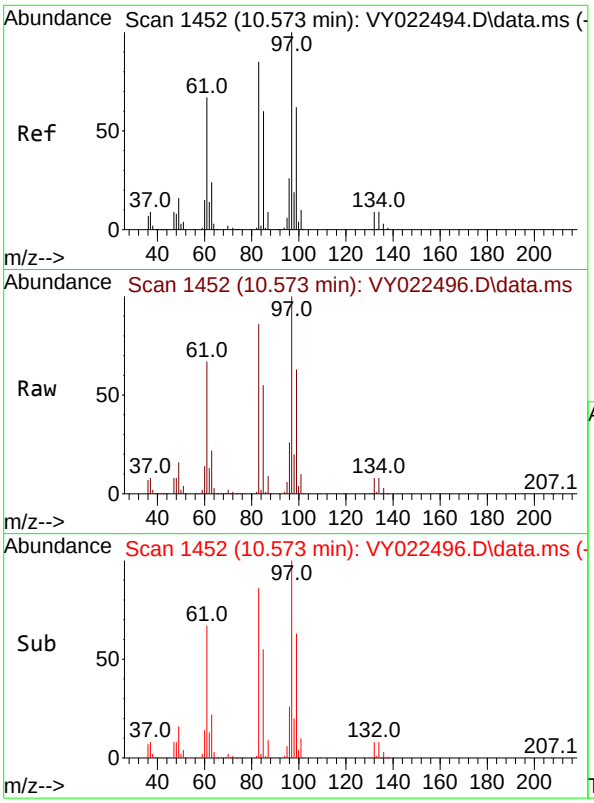


#54
cis-1,3-Dichloropropene
Concen: 162.259 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 615667

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	52.2	42.7	64.1

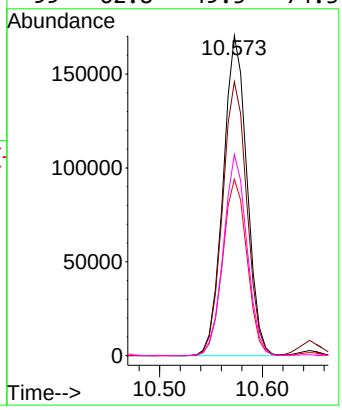




#55
1,1,2-Trichloroethane
Concen: 158.086 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 97 Resp: 27446

Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.1	102.1
85	55.1	48.2	72.2
99	62.8	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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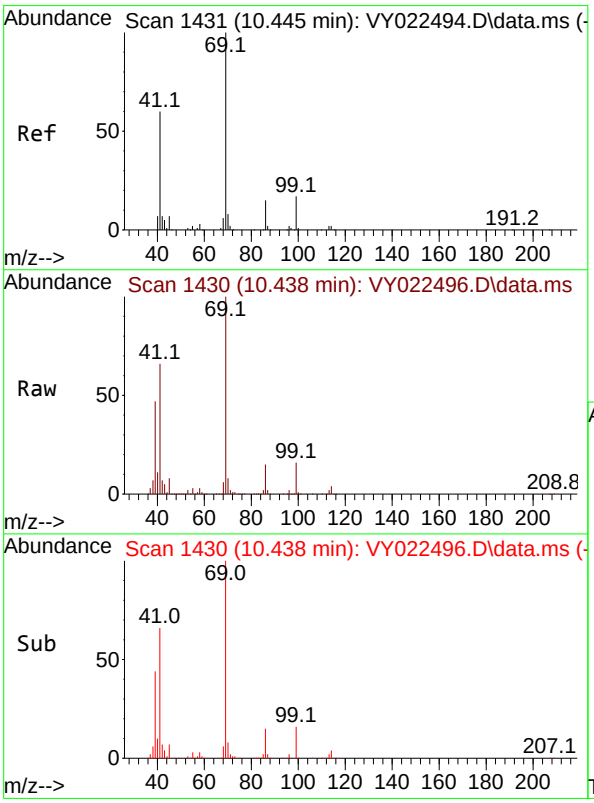
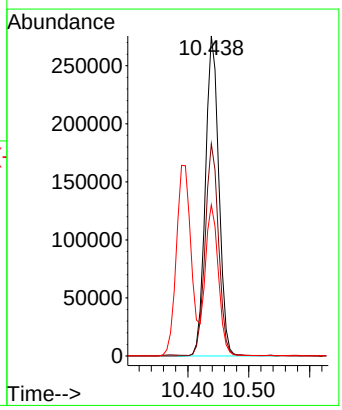
Supervised By :Mahesh Dadoda 06/03/2025

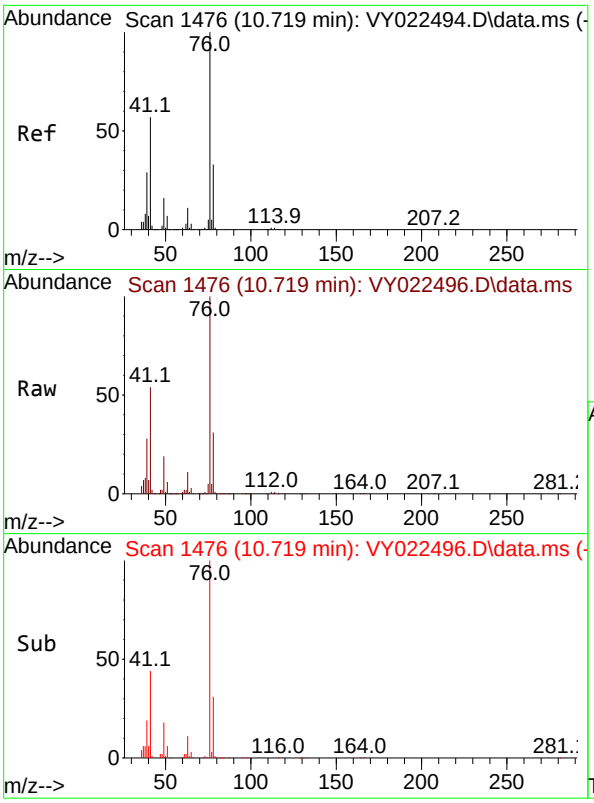


#56
Ethyl methacrylate
Concen: 167.865 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 69 Resp: 423233

Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.2	78.2
39	44.7	36.7	55.1





#57
1,3-Dichloropropane
Concen: 158.010 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 76 Resp: 48857

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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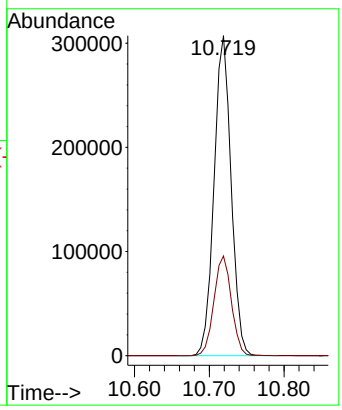
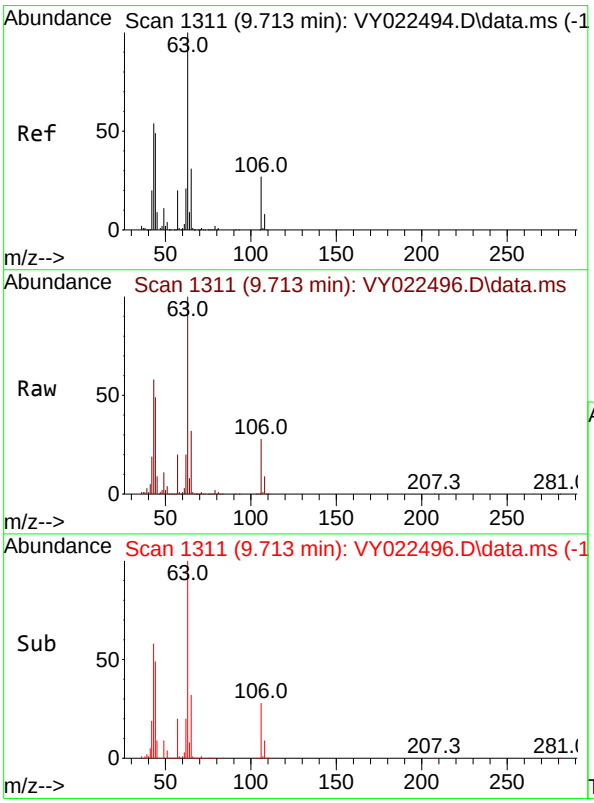
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

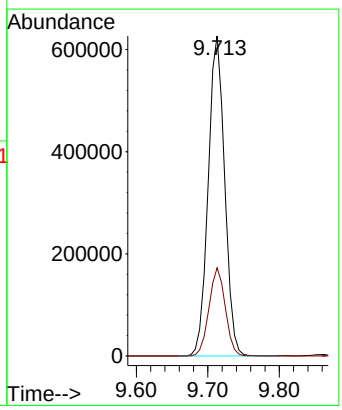


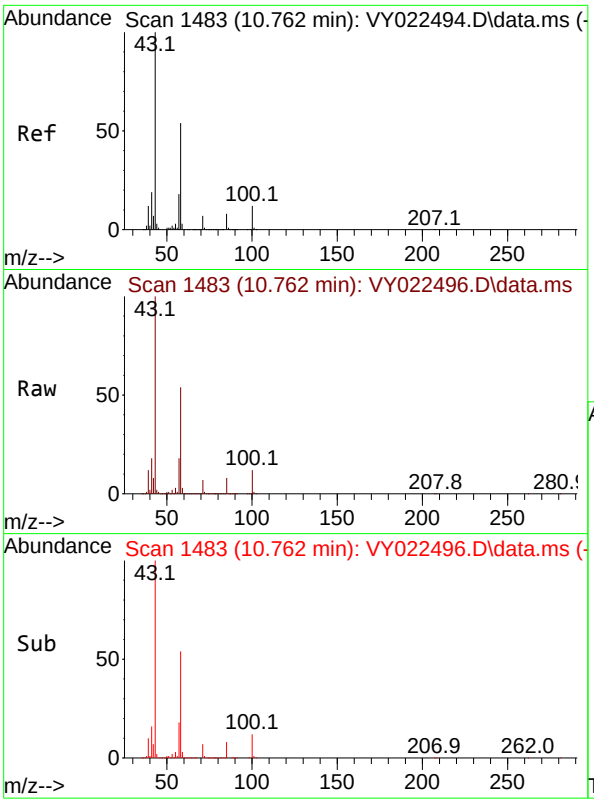


#58
2-Chloroethyl Vinyl ether
Concen: 890.345 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 63 Resp: 1000760

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.6	32.4

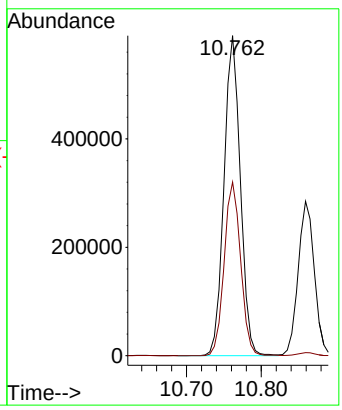




#59
2-Hexanone
Concen: 804.699 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 89662

Ion	Ratio	Lower	Upper
43	100		
58	54.6	27.3	81.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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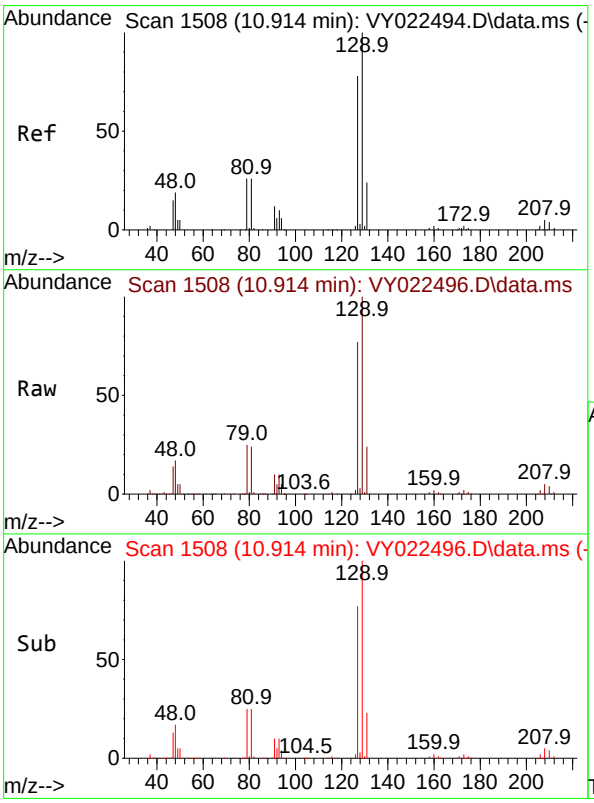
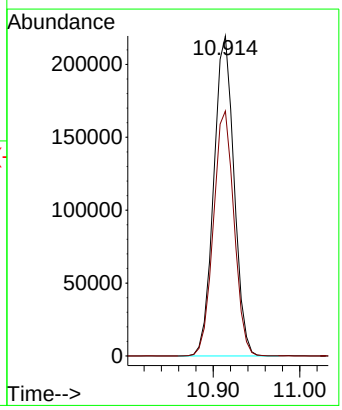
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

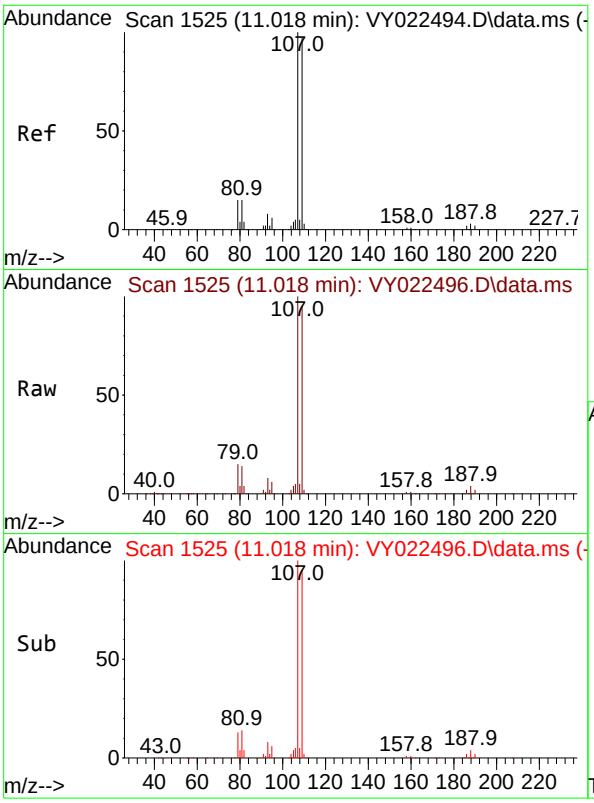


#60
Dibromochloromethane
Concen: 162.227 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:129 Resp: 356873

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.1	117.2





#61
1,2-Dibromoethane
Concen: 158.625 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:107 Resp: 25412

Ion	Ratio	Lower	Upper
107	100		
109	93.4	77.7	116.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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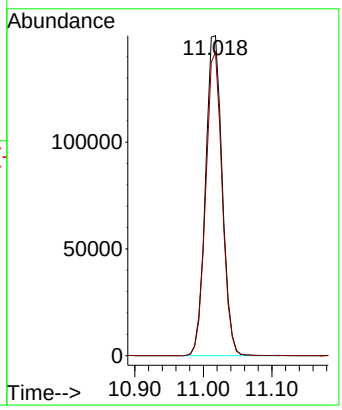
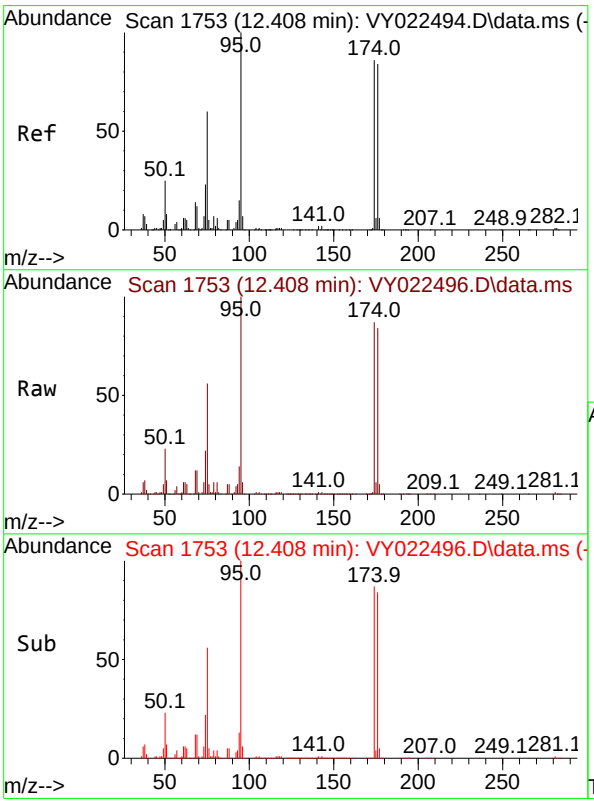
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

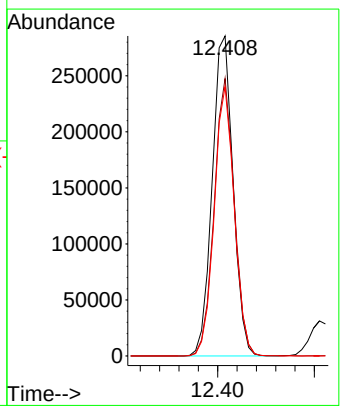


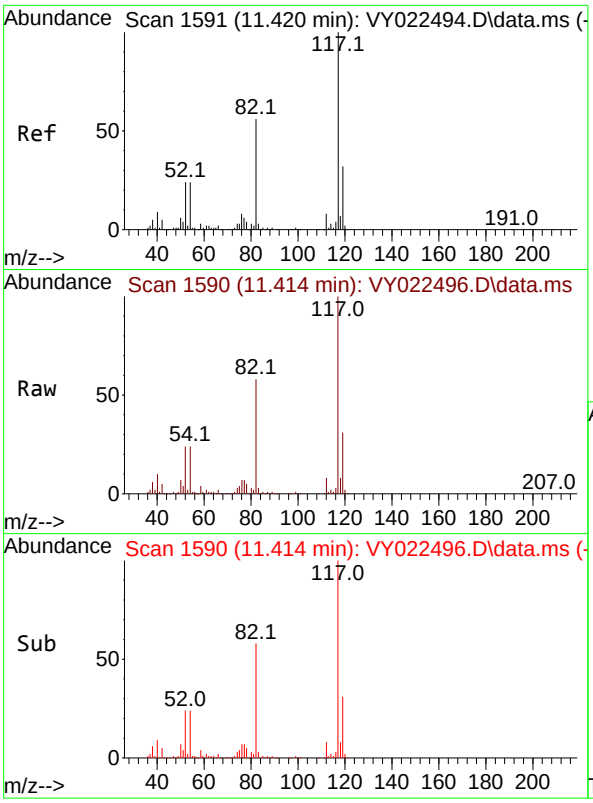


#62
4-Bromofluorobenzene
Concen: 160.684 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 95 Resp: 426573

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	170.0
176	81.1	0.0	166.2

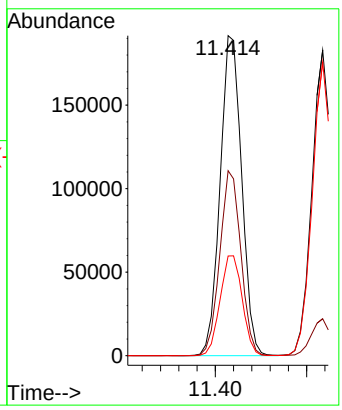




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:117 Resp: 31395

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.6	66.8
119	31.2	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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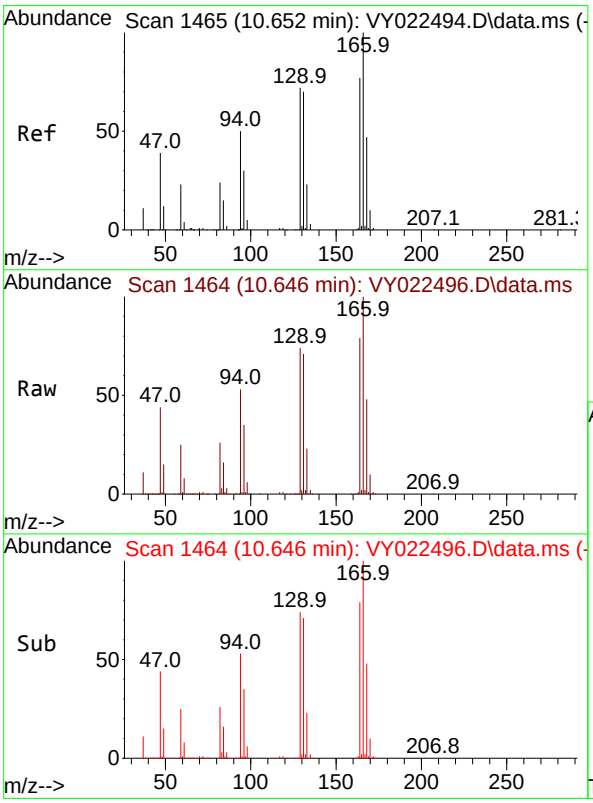
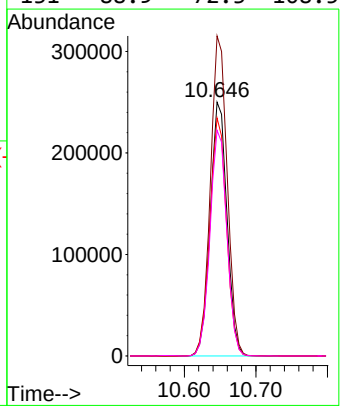
Supervised By :Mahesh Dadoda 06/03/2025

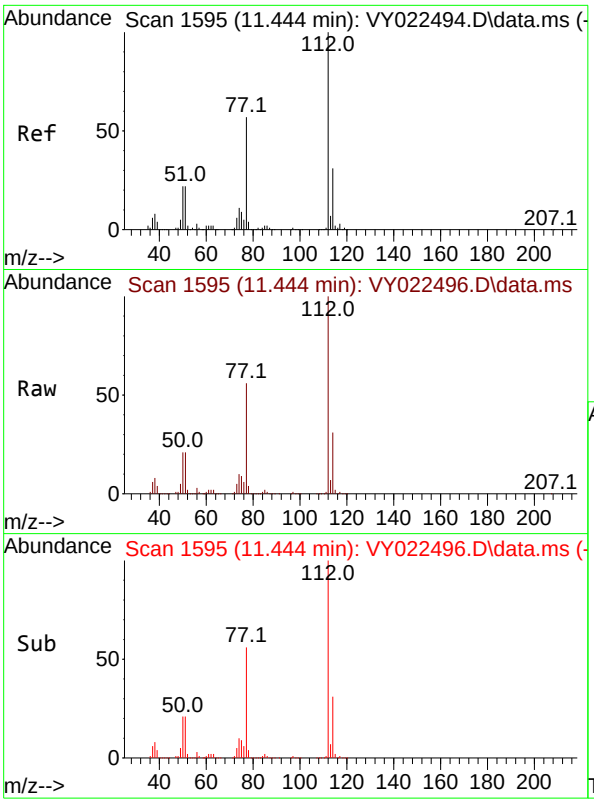


#64
Tetrachloroethene
Concen: 152.453 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:164 Resp: 406758

Ion	Ratio	Lower	Upper
164	100		
166	126.1	104.0	156.0
129	93.8	74.5	111.7
131	88.9	72.3	108.5

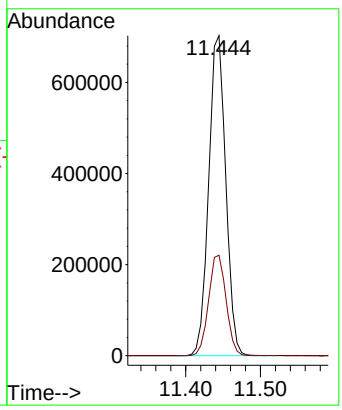




#65
Chlorobenzene
Concen: 163.544 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:112 Resp: 111334

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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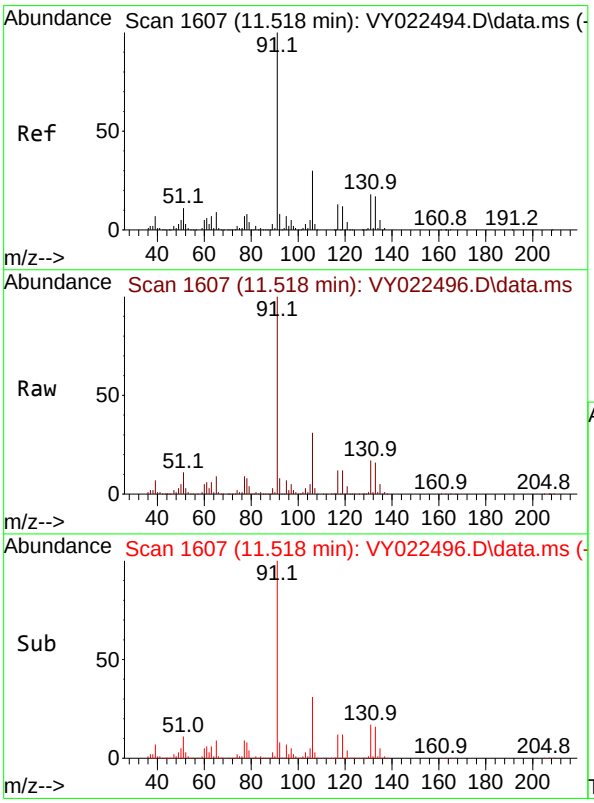
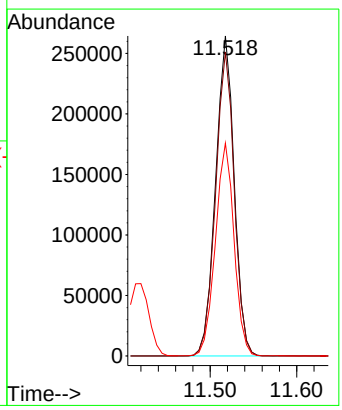
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

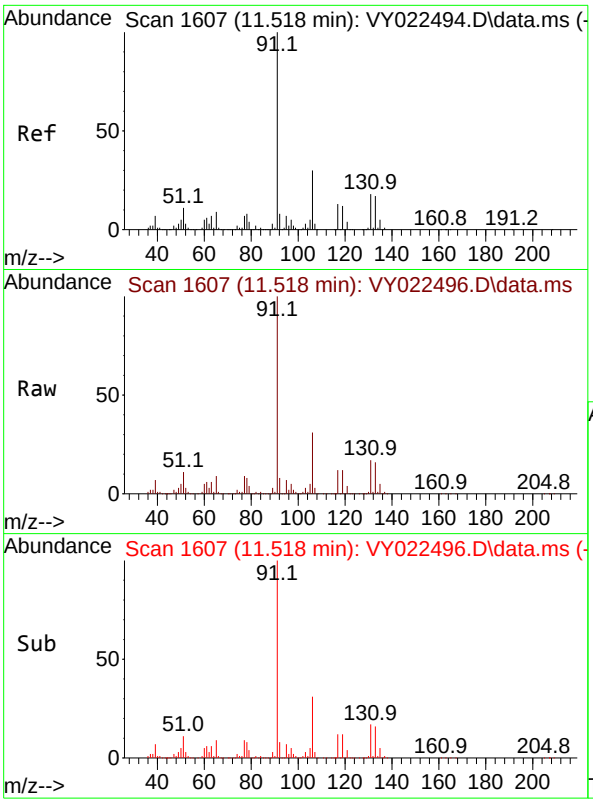


#66
1,1,1,2-Tetrachloroethane
Concen: 171.190 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:131 Resp: 395046

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.3	141.8
119	66.8	33.1	99.3

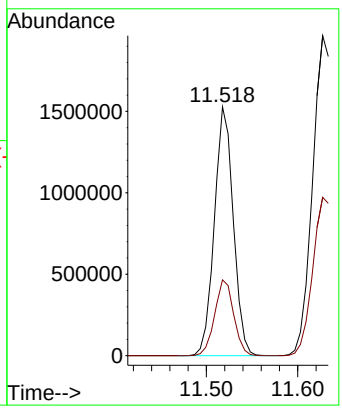




#67
Ethyl Benzene
Concen: 173.285 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 219681

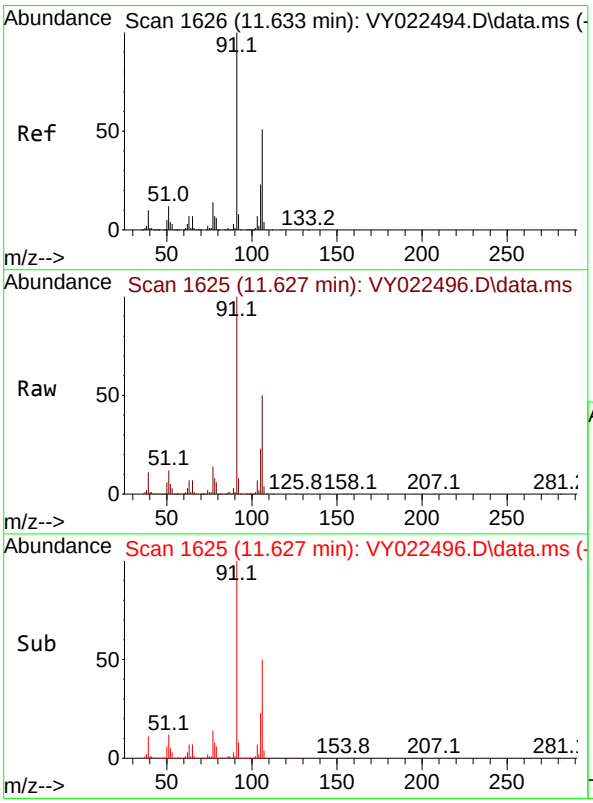
Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

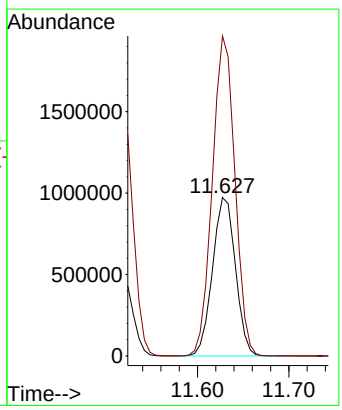
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

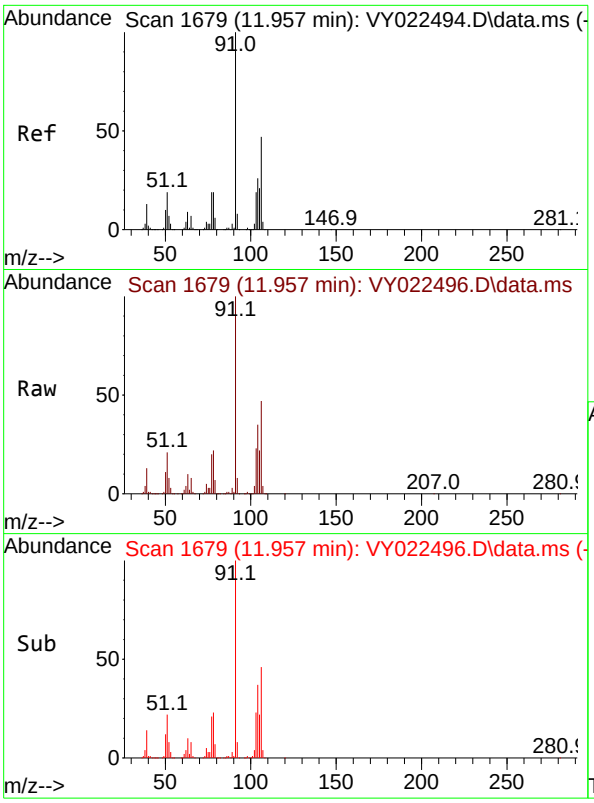


#68
m/p-Xylenes
Concen: 353.103 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:106 Resp: 1694177

Ion	Ratio	Lower	Upper
106	100		
91	199.2	159.4	239.0





#69
o-Xylene
Concen: 173.188 ug/l
RT: 11.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:106 Resp: 77768

Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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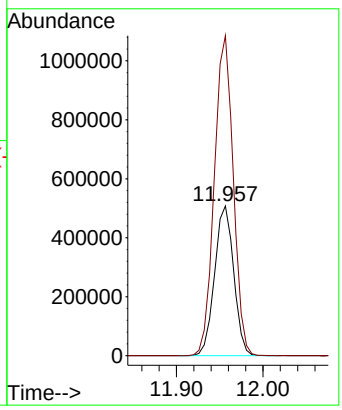
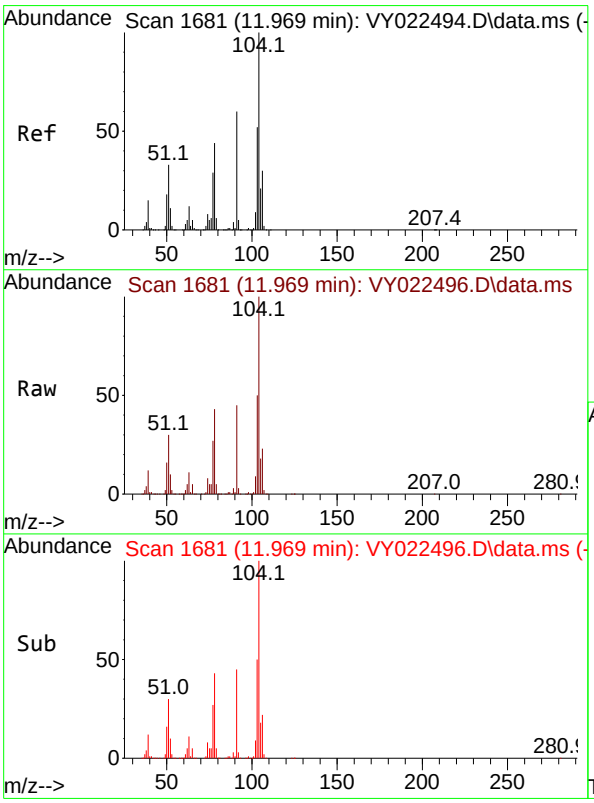
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

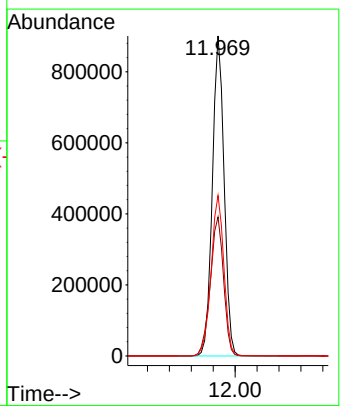


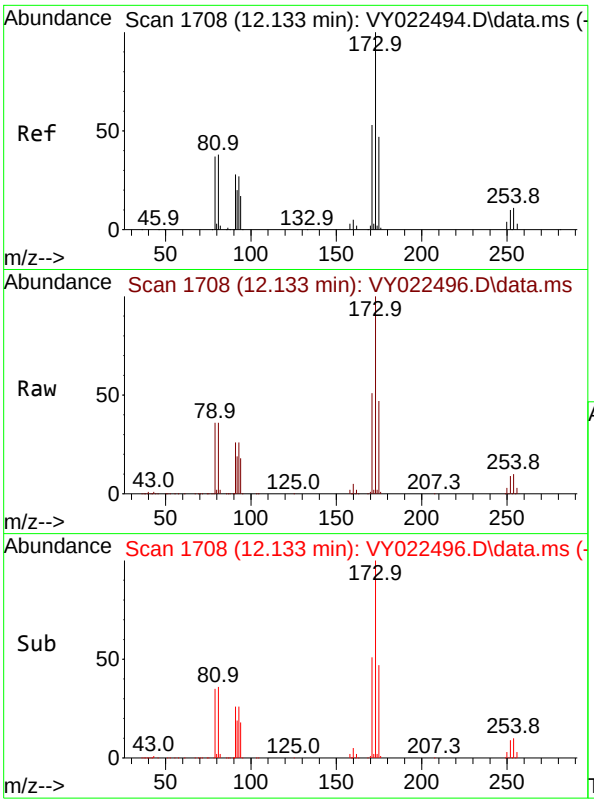


#70
Styrene
Concen: 179.564 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:104 Resp: 1334986

Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.5	59.3
103	54.6	44.1	66.1

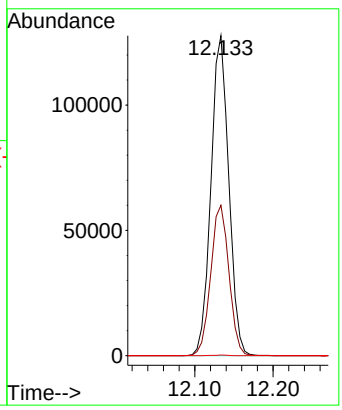




#71
Bromoform
Concen: 166.138 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:173 Resp: 20146

Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.8	71.5
254	0.2	0.0	0.0#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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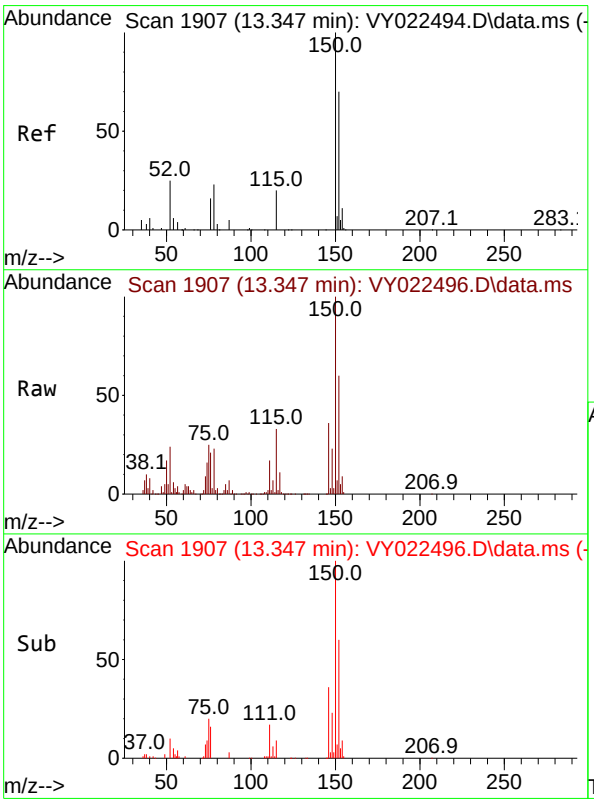
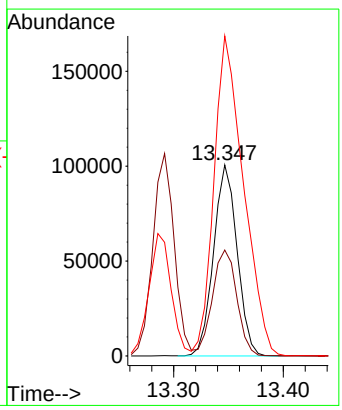
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

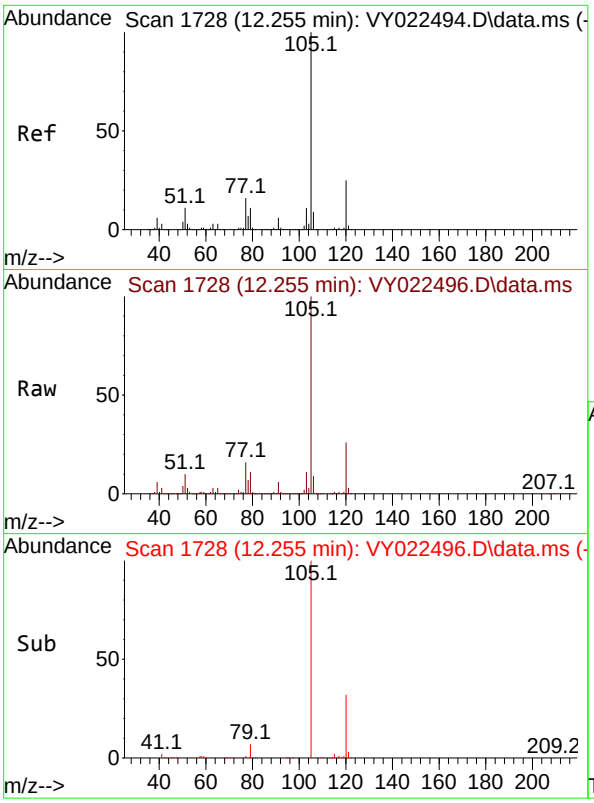


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:152 Resp: 150326

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.7
150	210.0	0.0	349.6

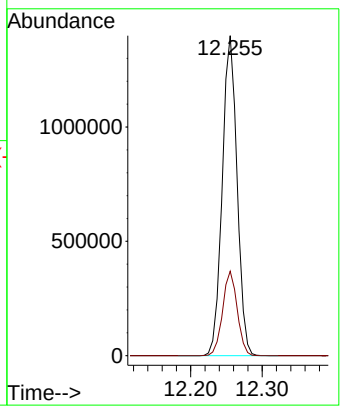




#73
Isopropylbenzene
Concen: 166.060 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 201126

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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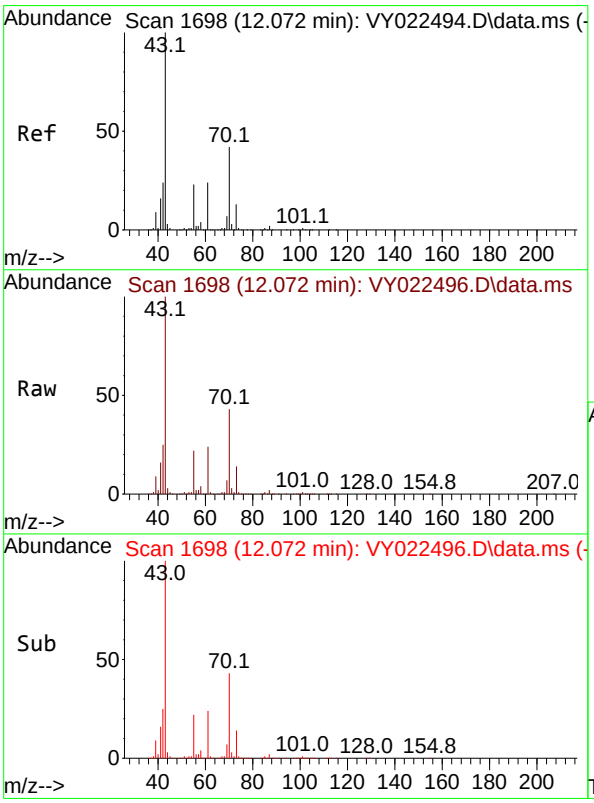
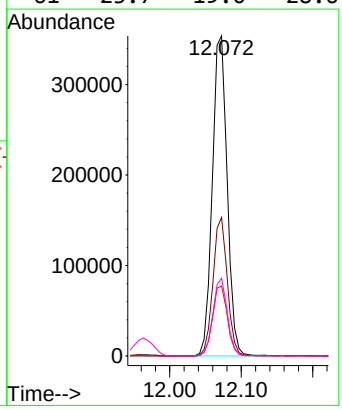
Supervised By :Mahesh Dadoda 06/03/2025

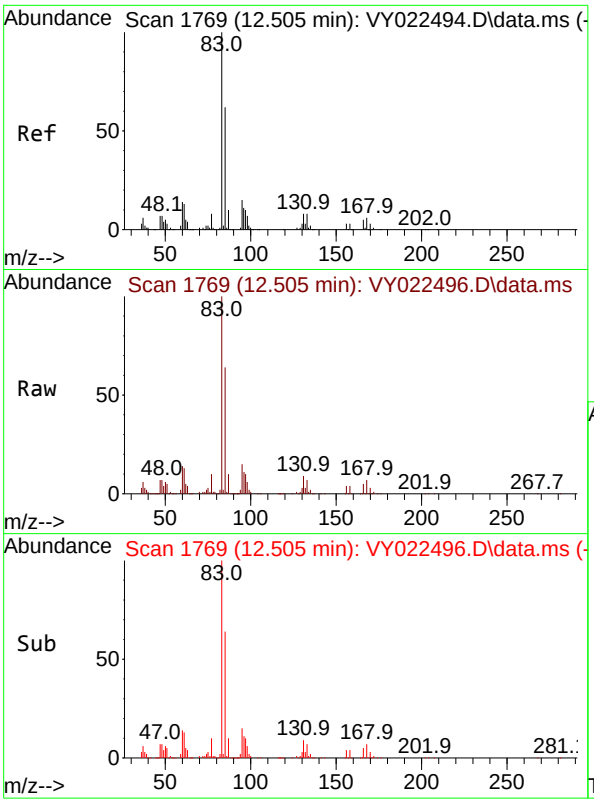


#74
N-amyl acetate
Concen: 165.957 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 508301

Ion	Ratio	Lower	Upper
43	100		
70	42.1	34.2	51.2
55	22.1	18.2	27.4
61	23.7	19.0	28.6

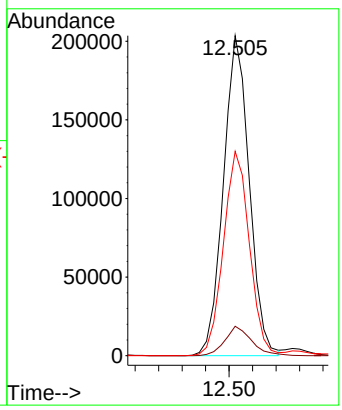




#75
1,1,2,2-Tetrachloroethane
Concen: 157.927 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 83 Resp: 31064

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	64.3	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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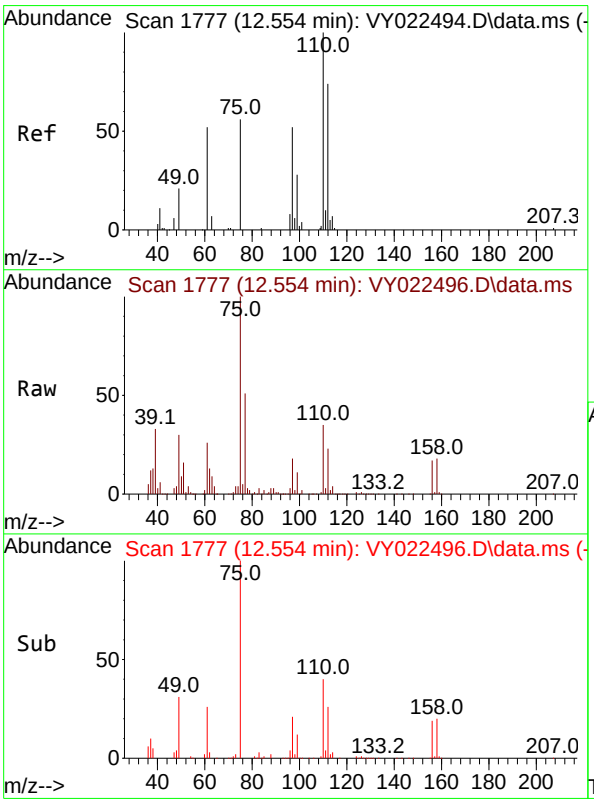
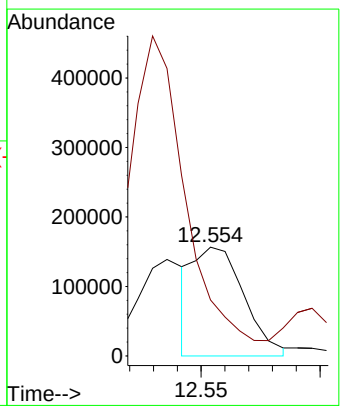
Supervised By :Mahesh Dadoda 06/03/2025

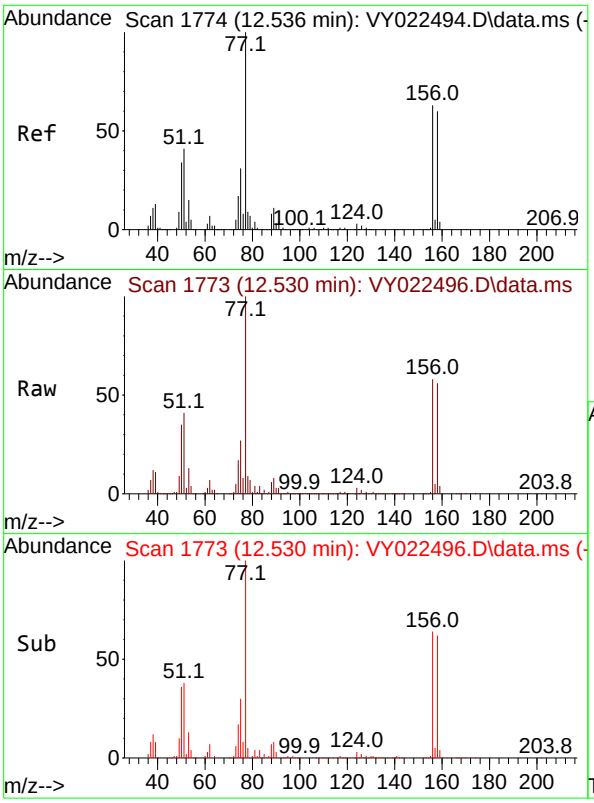


#76
1,2,3-Trichloropropane
Concen: 116.768 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 231729

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

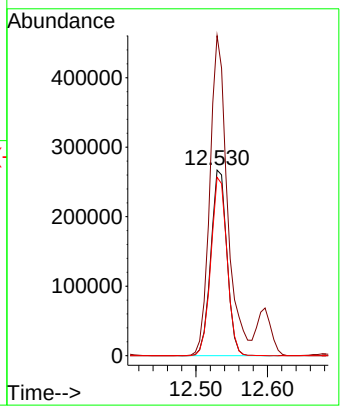




#77
Bromobenzene
Concen: 162.489 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:156 Resp: 41712

Ion	Ratio	Lower	Upper
156	100		
77	188.4	94.0	282.1
158	96.4	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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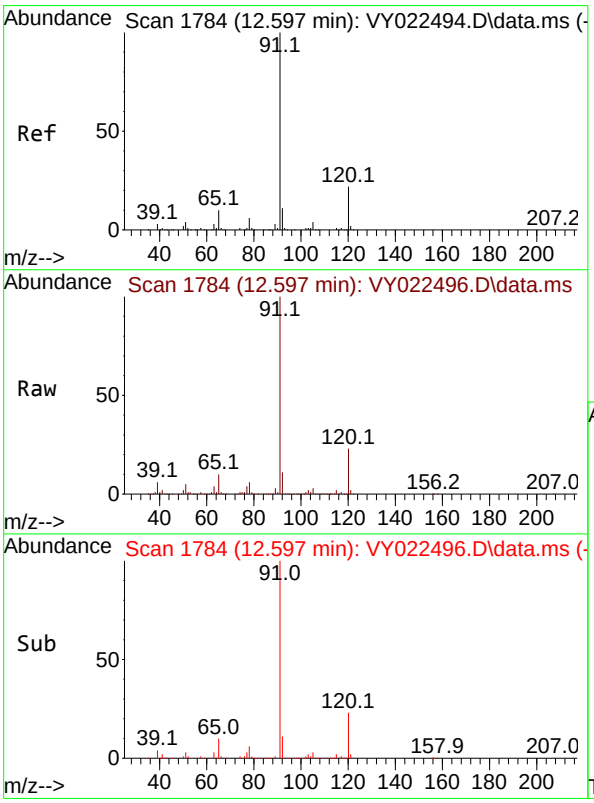
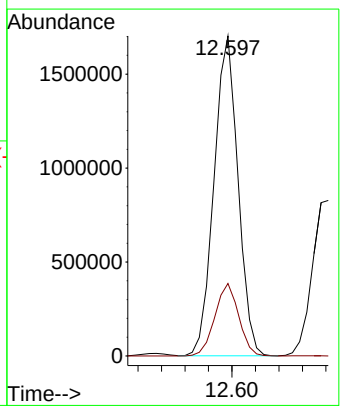
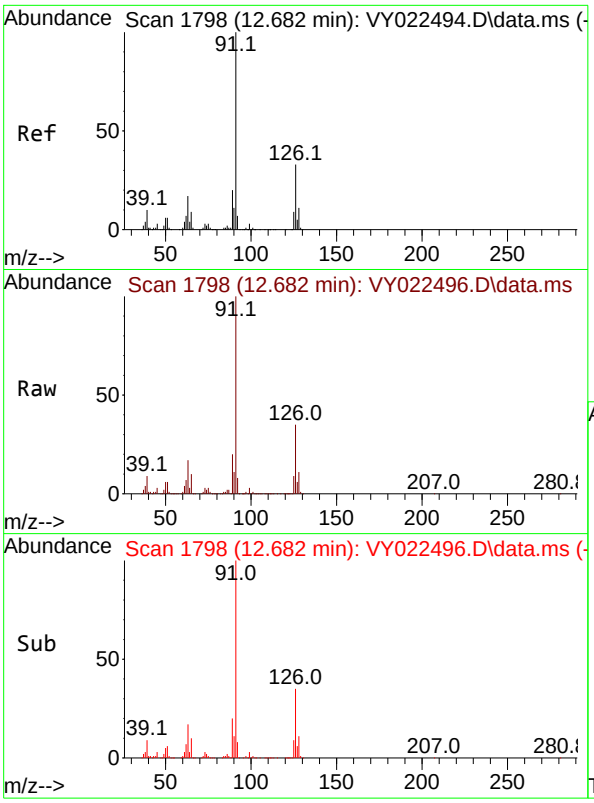


#78
n-propylbenzene
Concen: 163.876 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 2416013

Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.8	32.4

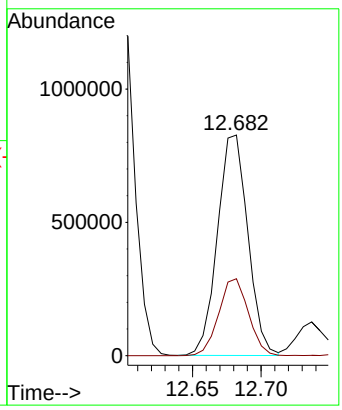




#79
2-Chlorotoluene
Concen: 163.862 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 127558

Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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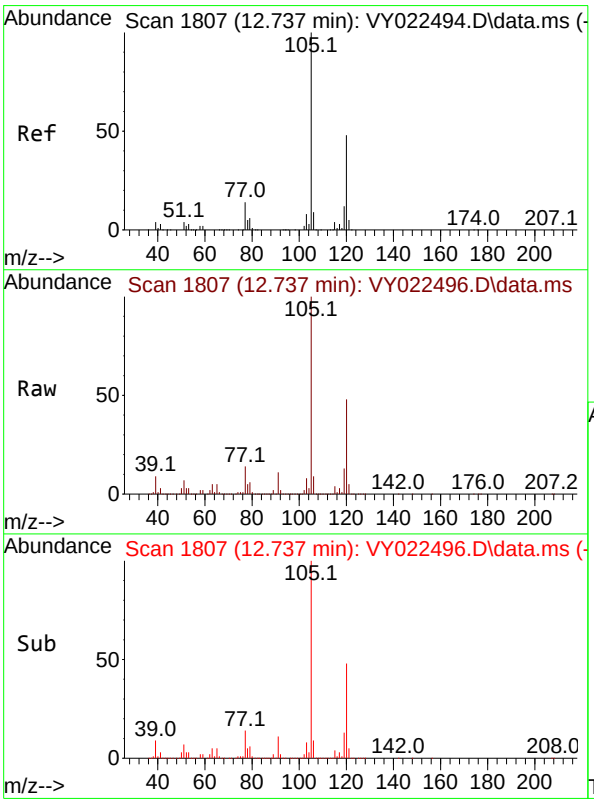
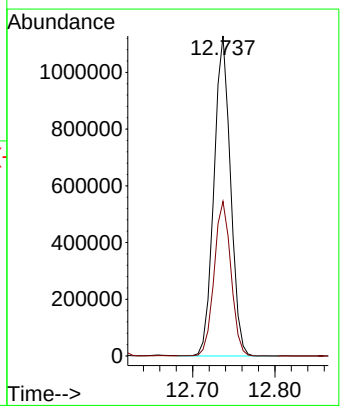
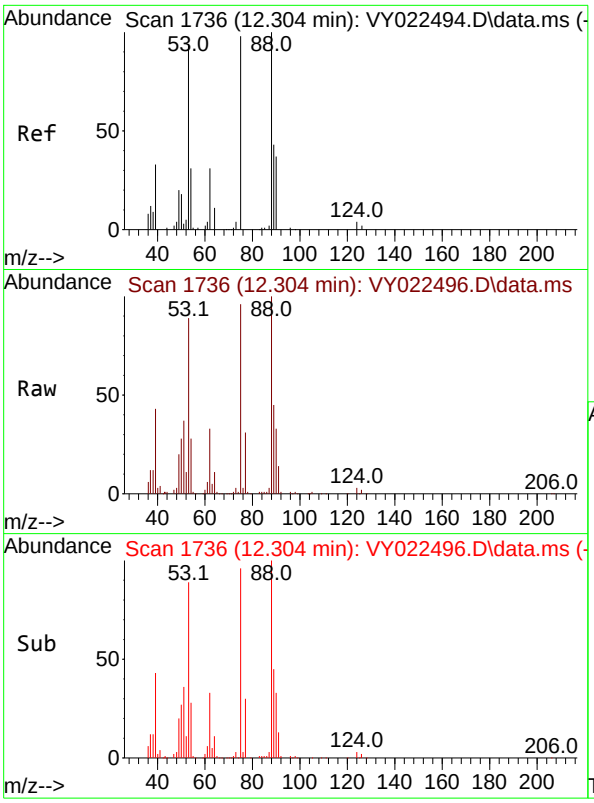


#80
1,3,5-Trimethylbenzene
Concen: 166.511 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 1576906

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.1	72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 160.989 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 11143

Ion	Ratio	Lower	Upper
75	100		
53	93.2	78.5	117.7
89	46.1	35.7	53.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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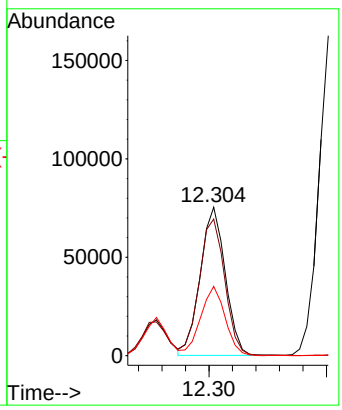
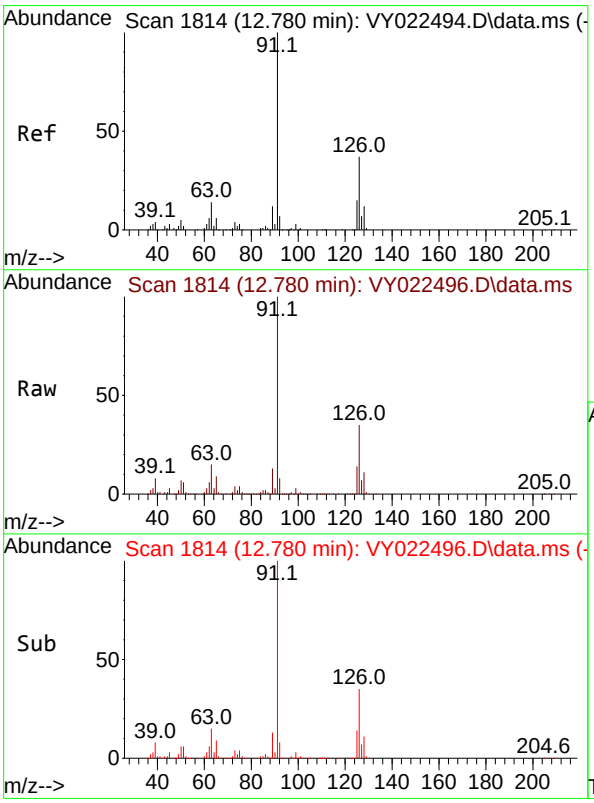
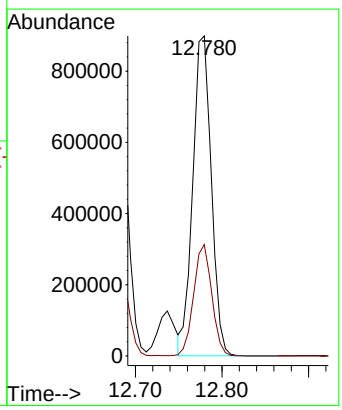


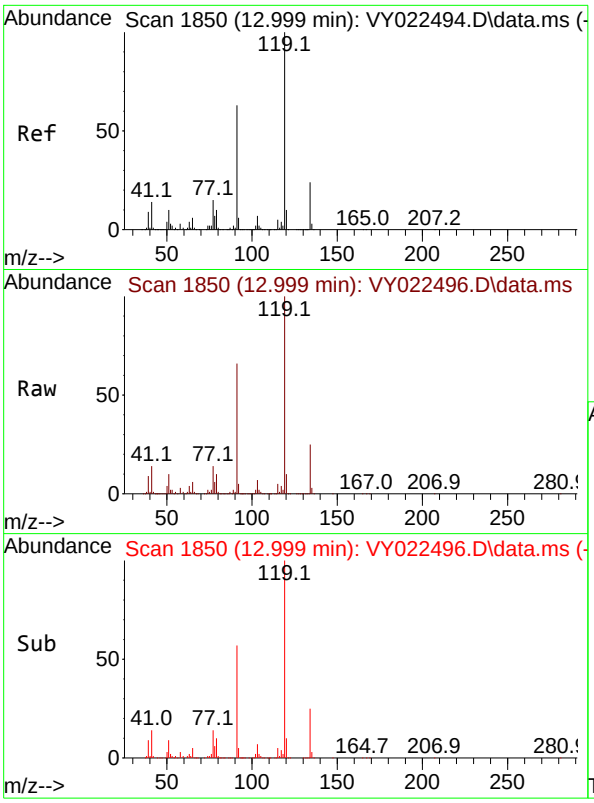


#82
4-Chlorotoluene
Concen: 165.467 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 1334965

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9

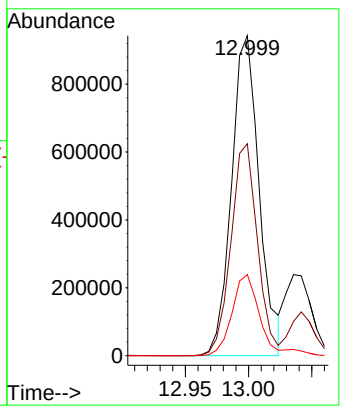




#83
tert-Butylbenzene
Concen: 166.064 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:119 Resp: 143464

Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.1	96.3
134	25.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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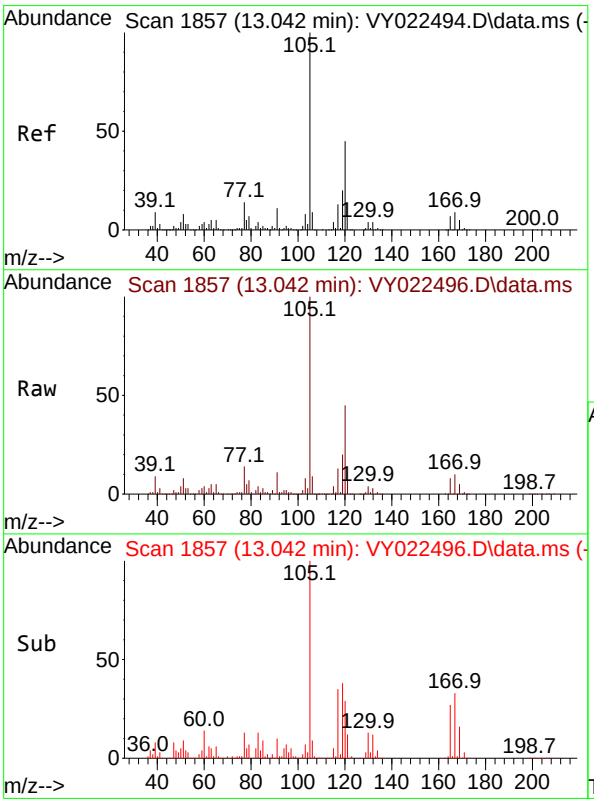
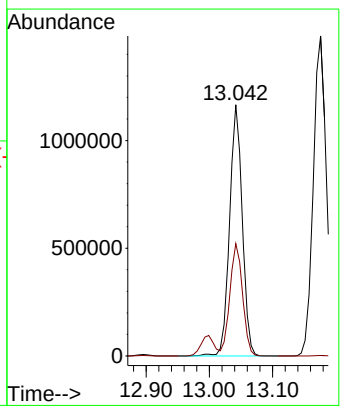
Supervised By :Mahesh Dadoda 06/03/2025

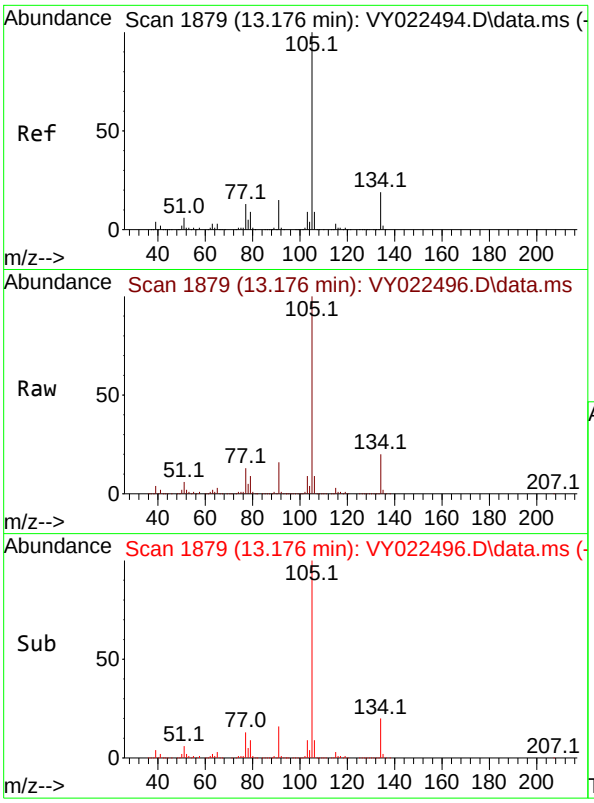


#84
1,2,4-Trimethylbenzene
Concen: 171.323 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 1623289

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.1

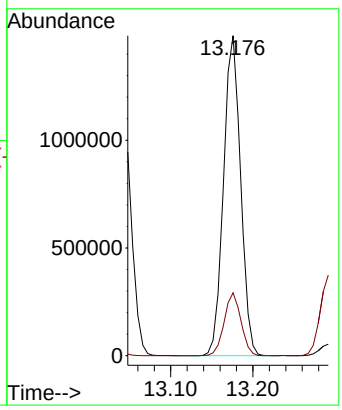




#85
sec-Butylbenzene
Concen: 163.415 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 214044

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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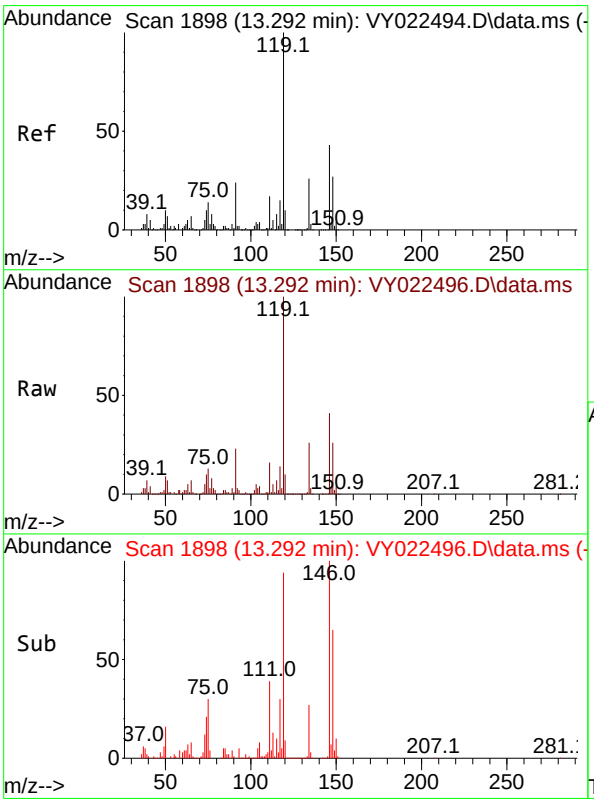
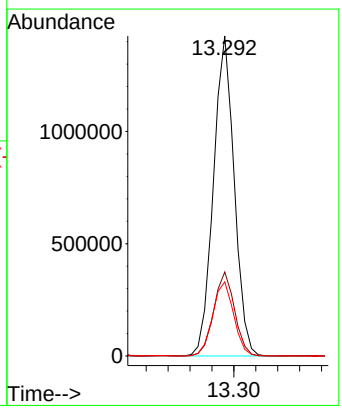
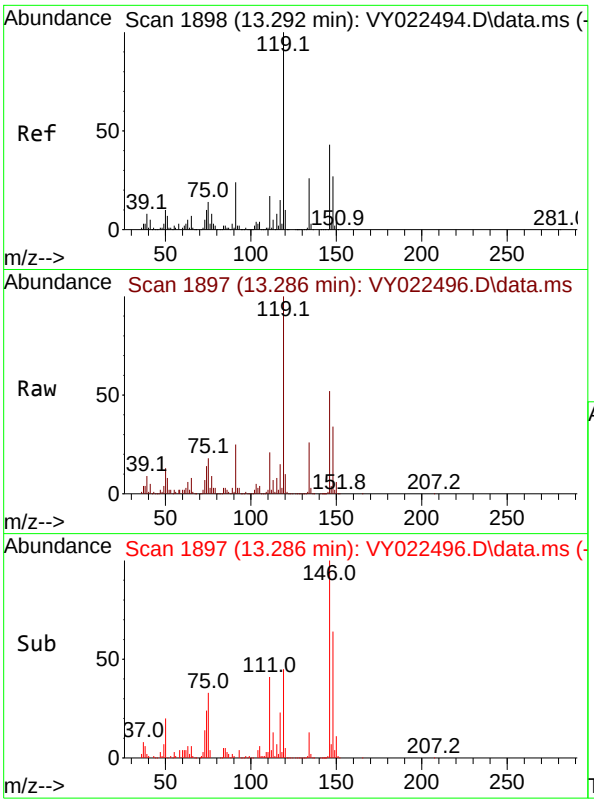


#86
p-Isopropyltoluene
Concen: 174.353 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:119 Resp: 1877539

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	23.6	11.6	34.8

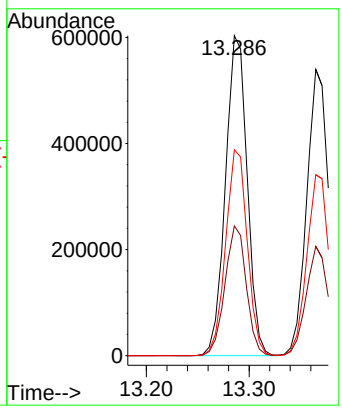




#87
1,3-Dichlorobenzene
Concen: 172.326 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:146 Resp: 88505

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	64.2	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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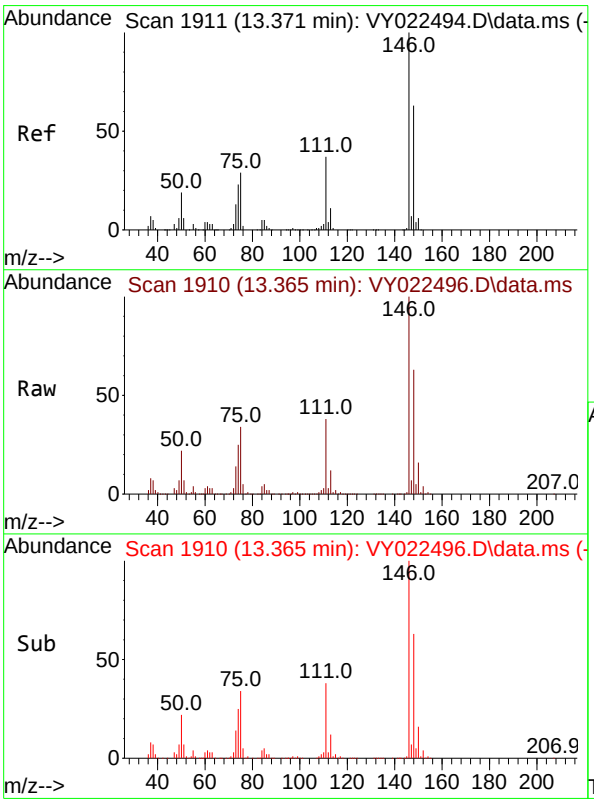
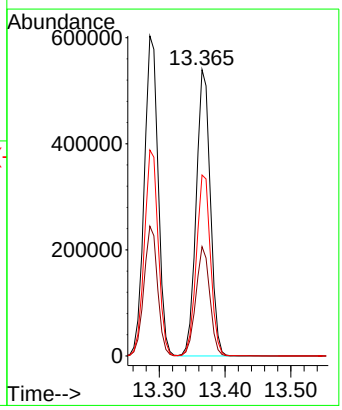
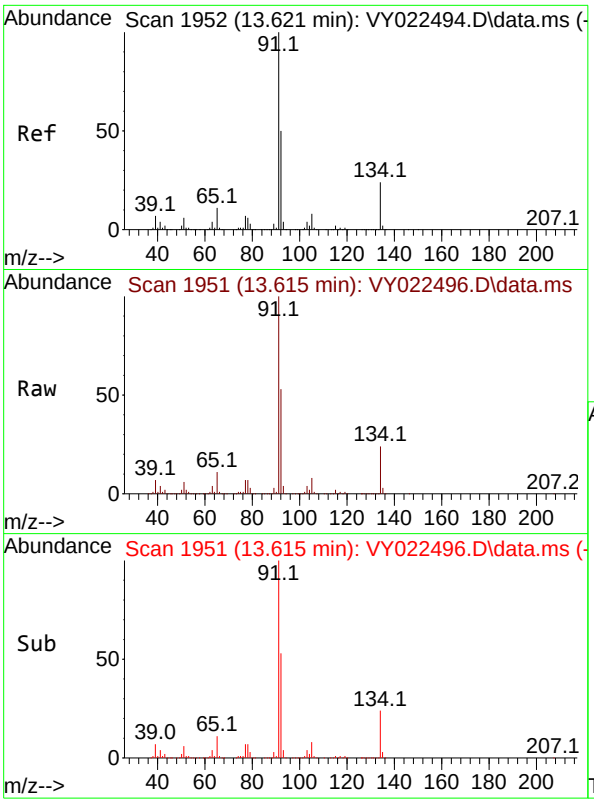


#88
1,4-Dichlorobenzene
Concen: 160.470 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:146 Resp: 803022

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.2
148	63.7	31.6	94.8

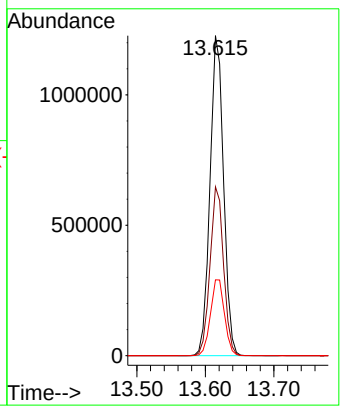




#89
n-Butylbenzene
Concen: 164.939 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 169111

Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.9	77.8
134	24.6	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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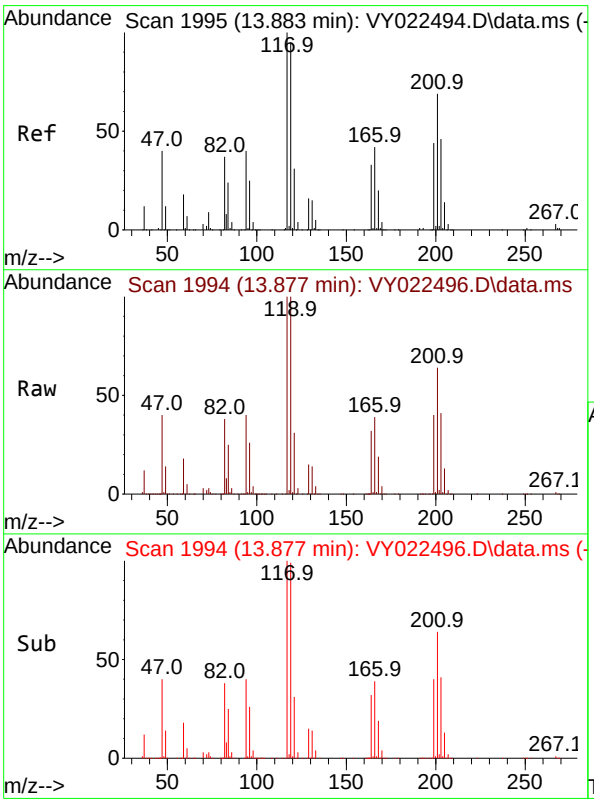
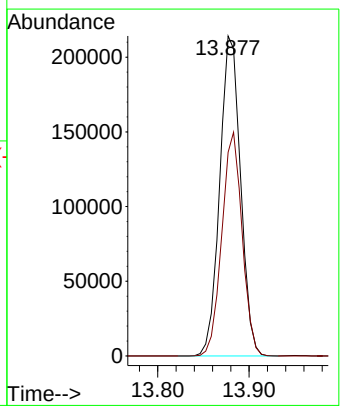
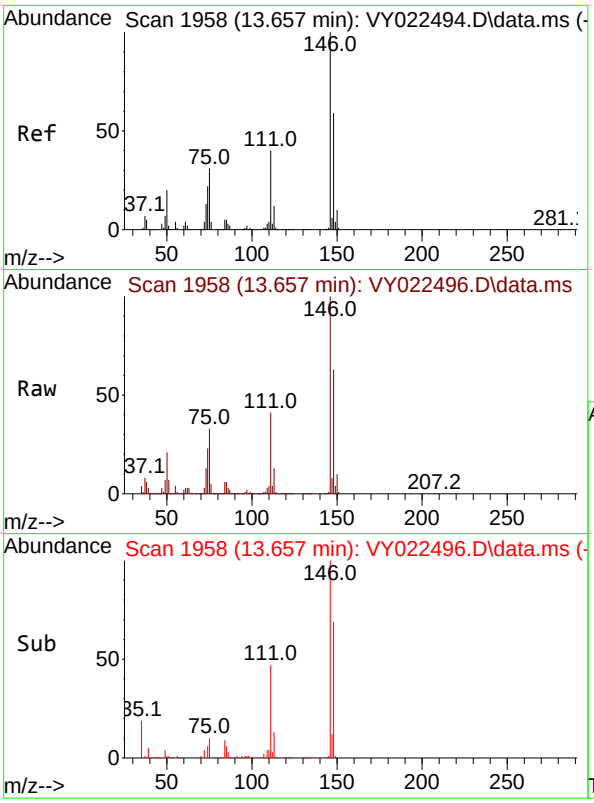


#90
Hexachloroethane
Concen: 160.801 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:117 Resp: 338845

Ion	Ratio	Lower	Upper
117	100		
201	68.2	34.0	102.0

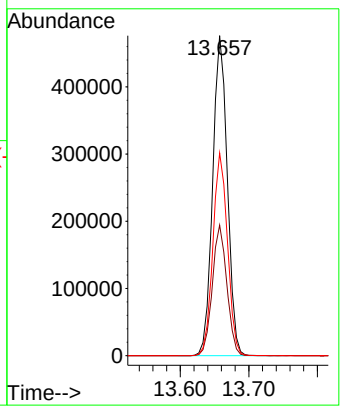




#91
1,2-Dichlorobenzene
Concen: 159.809 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:146 Resp: 70512

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	63.2	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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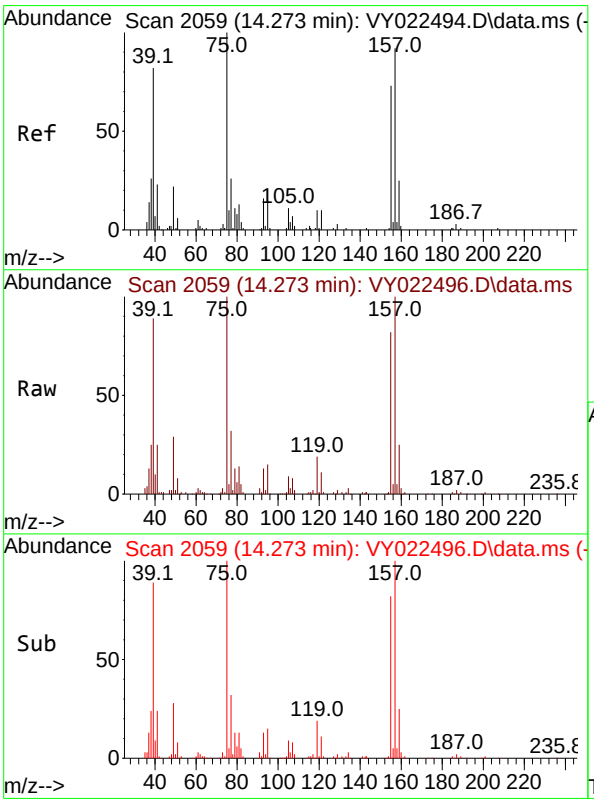
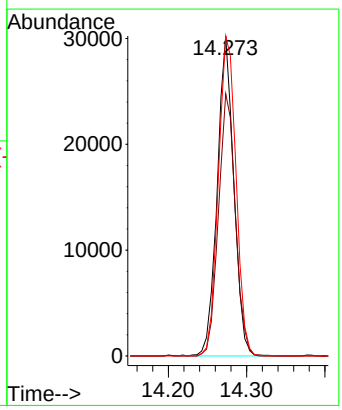
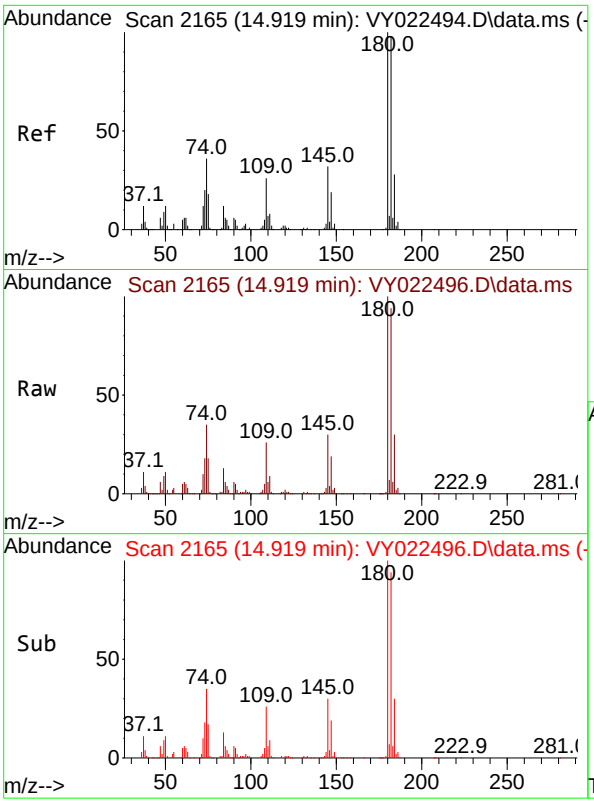


#92
1,2-Dibromo-3-Chloropropane
Concen: 149.709 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 44514

Ion	Ratio	Lower	Upper
75	100		
155	83.7	39.9	119.6
157	106.5	54.0	162.0

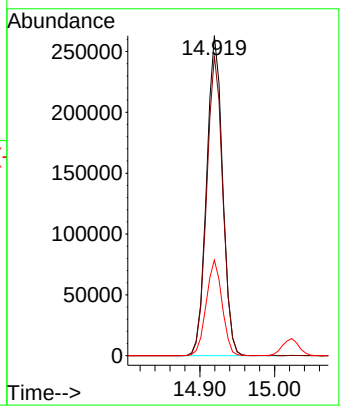




#93
1,2,4-Trichlorobenzene
Concen: 161.773 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:180 Resp: 39017

Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.3
145	29.7	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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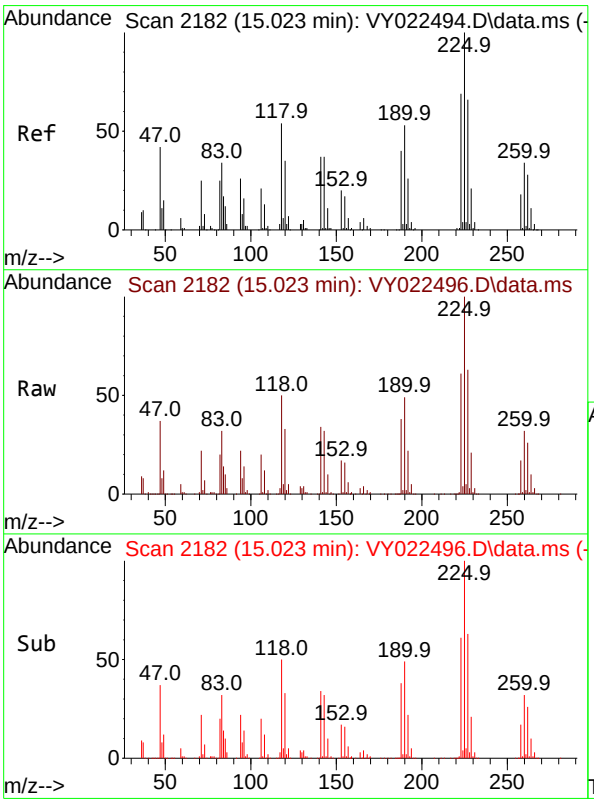
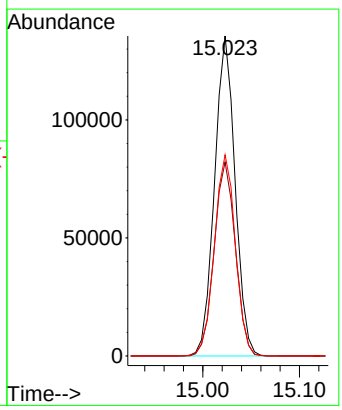
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

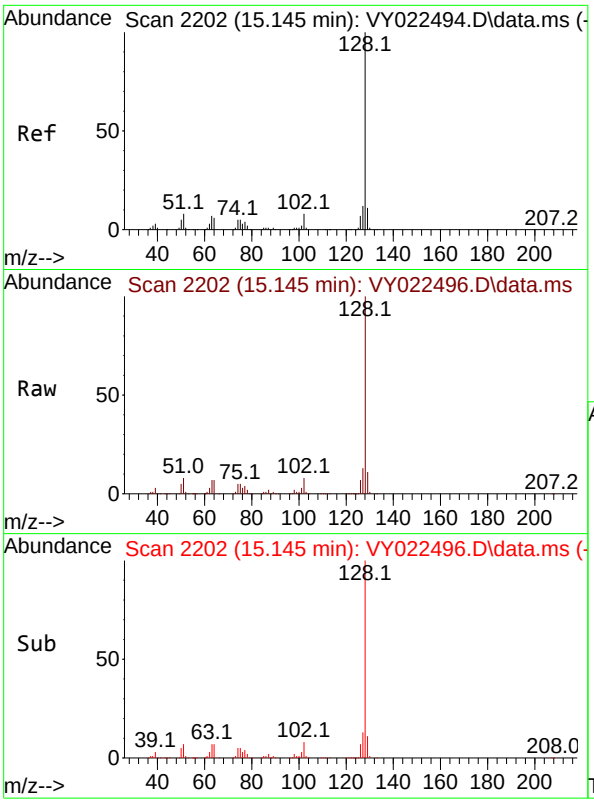


#94
Hexachlorobutadiene
Concen: 151.389 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:225 Resp: 199423

Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.5	97.4
227	64.2	32.3	96.9

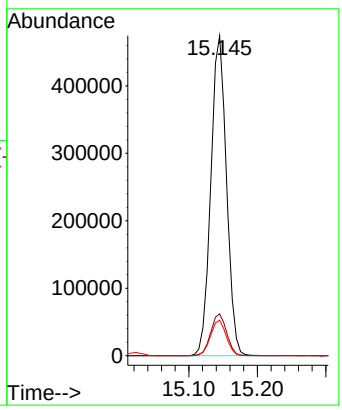




#95
Naphthalene
Concen: 162.970 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:128 Resp: 75327

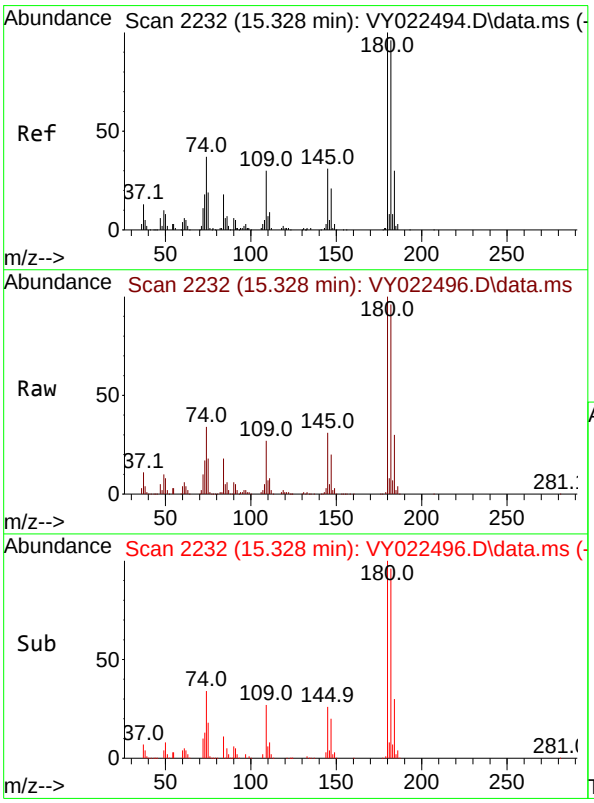
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.2	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

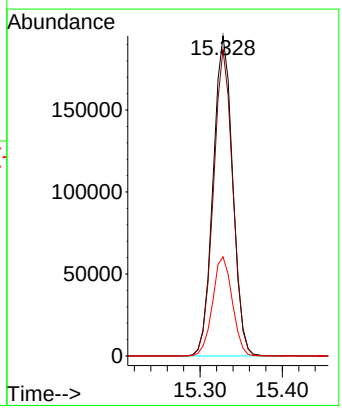
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 157.072 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:180 Resp: 321960

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.3
145	31.3	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	219240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	365013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	312263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	106759	43.538	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 87.080%			
35) Dibromofluoromethane	7.634	113	101692	46.676	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.360%			
50) Toluene-d8	10.109	98	411640	46.760	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.520%			
62) 4-Bromofluorobenzene	12.408	95	120253	45.847	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	84059	42.825	ug/l	99
3) Chloromethane	2.068	50	276116	47.616	ug/l	100
4) Vinyl Chloride	2.202	62	323338	48.066	ug/l	97
5) Bromomethane	2.599	94	274123	42.515	ug/l	99
6) Chloroethane	2.733	64	205816	44.575	ug/l	96
7) Trichlorofluoromethane	3.050	101	271122	47.475	ug/l	96
8) Diethyl Ether	3.458	74	56906	44.247	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	108788	45.230	ug/l	99
10) Methyl Iodide	4.007	142	116830	44.885	ug/l	100
11) Tert butyl alcohol	4.879	59	36036	205.761	ug/l	97
12) 1,1-Dichloroethene	3.787	96	106297	46.234	ug/l	98
13) Acrolein	3.653	56	48776	223.473	ug/l	98
14) Allyl chloride	4.385	41	165428	45.834	ug/l	99
15) Acrylonitrile	5.061	53	118175	216.963	ug/l	100
16) Acetone	3.873	43	110479	221.854	ug/l	99
17) Carbon Disulfide	4.104	76	341772	46.432	ug/l	100
18) Methyl Acetate	4.391	43	57416	38.935	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	284761	43.974	ug/l	99
20) Methylene Chloride	4.616	84	115624	40.875	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	118427	46.024	ug/l	95
22) Diisopropyl ether	6.019	45	354328	44.104	ug/l	96
23) Vinyl Acetate	5.964	43	1064896	223.951	ug/l	100
24) 1,1-Dichloroethane	5.915	63	217965	46.053	ug/l	98
25) 2-Butanone	6.897	43	158557	220.736	ug/l	98
26) 2,2-Dichloropropane	6.890	77	195035	46.639	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	136882	46.024	ug/l	99
28) Bromochloromethane	7.244	49	96031	46.547	ug/l	100
29) Tetrahydrofuran	7.262	42	98109	211.767	ug/l	100
30) Chloroform	7.427	83	215264	45.919	ug/l	94
31) Cyclohexane	7.701	56	206176	43.757	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	194039	46.627	ug/l	99
36) 1,1-Dichloropropene	7.835	75	166116	46.978	ug/l	99
37) Ethyl Acetate	6.988	43	68761	43.605	ug/l	98
38) Carbon Tetrachloride	7.823	117	173199	47.747	ug/l	97
39) Methylcyclohexane	9.110	83	222971	46.923	ug/l	99
40) Benzene	8.085	78	491078	47.020	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	39730	43.134	ug/l		99
42) 1,2-Dichloroethane	8.158	62	130161	45.644	ug/l		98
43) Isopropyl Acetate	8.201	43	150263	44.122	ug/l	#	88
44) Trichloroethene	8.866	130	118971	46.609	ug/l		97
45) 1,2-Dichloropropane	9.140	63	114988	46.587	ug/l		96
46) Dibromomethane	9.231	93	64473	46.430	ug/l		98
47) Bromodichloromethane	9.427	83	164872	46.825	ug/l		100
48) Methyl methacrylate	9.219	41	70644	44.198	ug/l		98
49) 1,4-Dioxane	9.231	88	13433	816.553	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.000	43	372276	219.250	ug/l		98
52) Toluene	10.170	92	309375	47.137	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	152066	46.094	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	177445	46.206	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	79596	44.953	ug/l		96
56) Ethyl methacrylate	10.439	69	115237	45.029	ug/l		99
57) 1,3-Dichloropropane	10.719	76	143407	45.696	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	283213	243.746	ug/l		99
59) 2-Hexanone	10.762	43	249926	220.088	ug/l		99
60) Dibromochloromethane	10.914	129	101515	45.114	ug/l		100
61) 1,2-Dibromoethane	11.018	107	74173	45.960	ug/l		97
64) Tetrachloroethene	10.646	164	121944	45.398	ug/l		98
65) Chlorobenzene	11.444	112	317533	45.953	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	105830	45.464	ug/l		98
67) Ethyl Benzene	11.518	91	605560	47.248	ug/l		99
68) m/p-Xylenes	11.633	106	454148	93.473	ug/l		100
69) o-Xylene	11.957	106	209354	45.959	ug/l		98
70) Styrene	11.969	104	352505	46.815	ug/l		98
71) Bromoform	12.133	173	55559	44.852	ug/l	#	98
73) Isopropylbenzene	12.255	105	559690	46.933	ug/l		100
74) N-amyl acetate	12.072	43	136915	45.502	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	87402	44.656	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	68304m	41.103	ug/l		
77) Bromobenzene	12.536	156	114771	45.607	ug/l		100
78) n-propylbenzene	12.597	91	680155	46.696	ug/l		99
79) 2-Chlorotoluene	12.682	91	358756	46.472	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	438873	46.876	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	29567	42.968	ug/l		100
82) 4-Chlorotoluene	12.780	91	368631	46.289	ug/l		100
83) tert-Butylbenzene	12.999	119	400440	47.655	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	437631	46.735	ug/l		99
85) sec-Butylbenzene	13.176	105	607968	47.241	ug/l		100
86) p-Isopropyltoluene	13.292	119	501979	47.321	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	234193	45.932	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	223096	45.113	ug/l		98
89) n-Butylbenzene	13.621	91	482774	47.968	ug/l		100
90) Hexachloroethane	13.883	117	97273	47.101	ug/l		98
91) 1,2-Dichlorobenzene	13.658	146	195728	45.213	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12728	44.665	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	109742	46.481	ug/l		97
94) Hexachlorobutadiene	15.023	225	59236	45.457	ug/l		98
95) Naphthalene	15.145	128	203925	45.009	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	89699	44.331	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
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Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
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Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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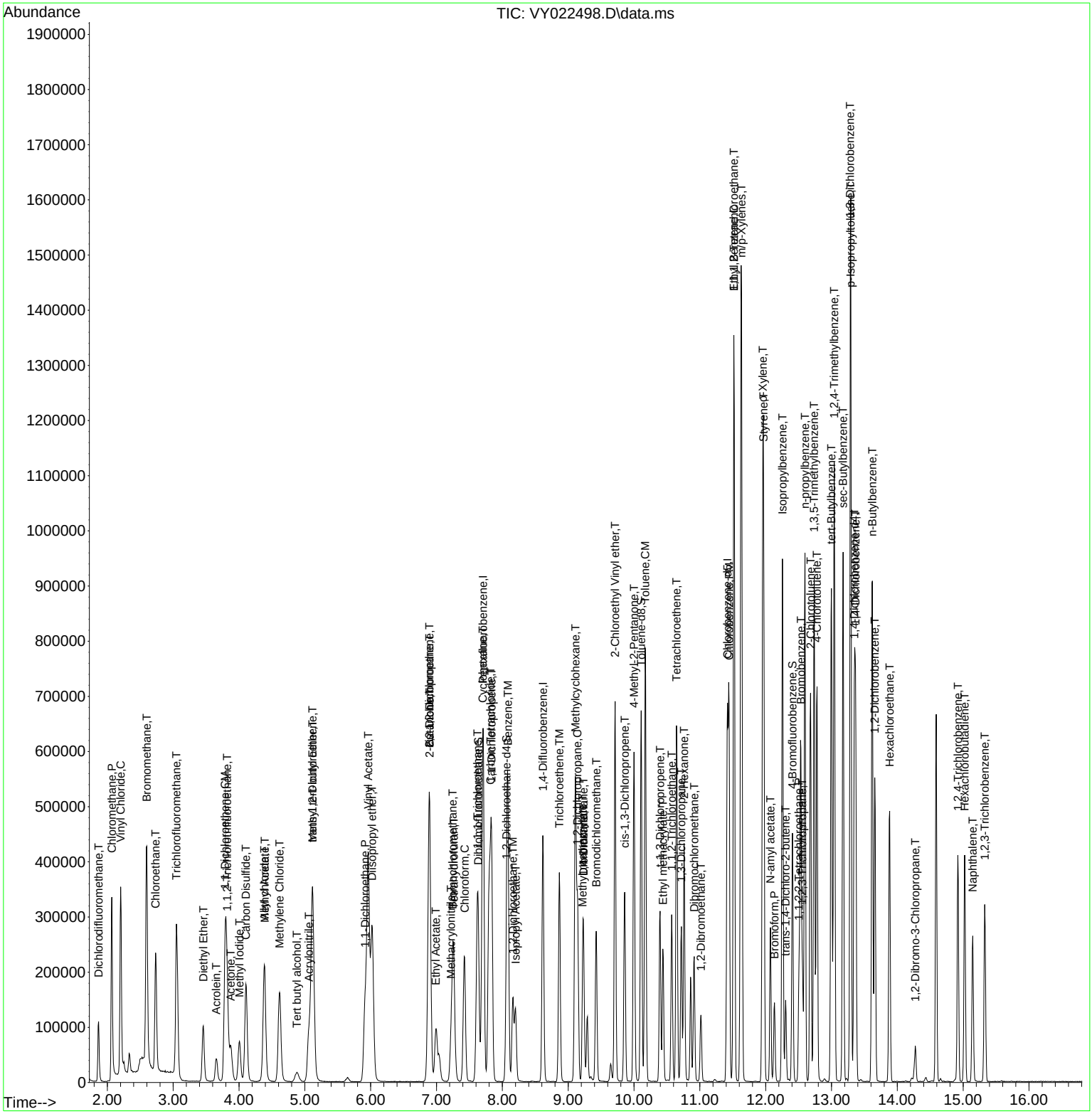
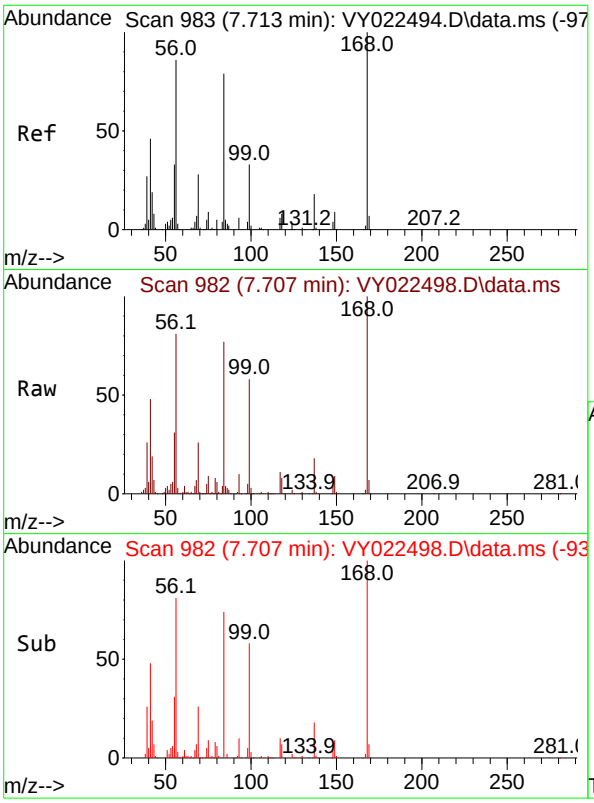
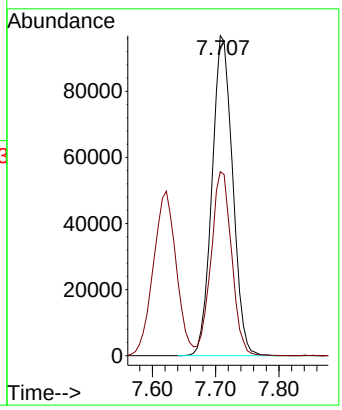




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:168 Resp: 21924

Ion	Ratio	Lower	Upper
168	100		
99	57.4	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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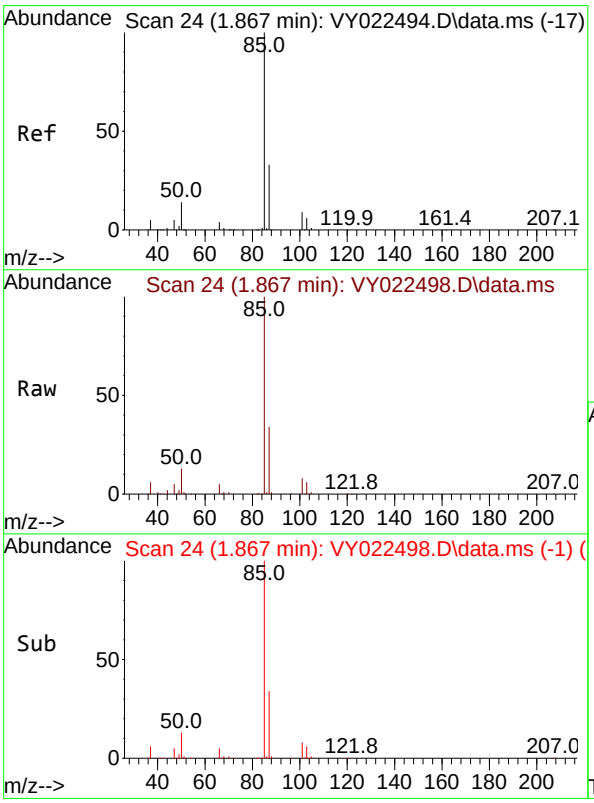
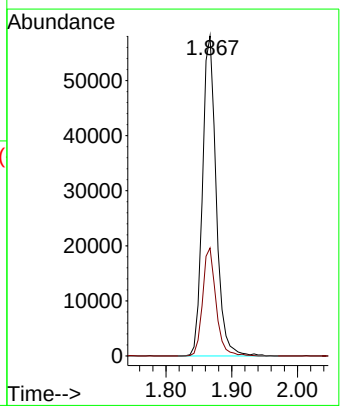
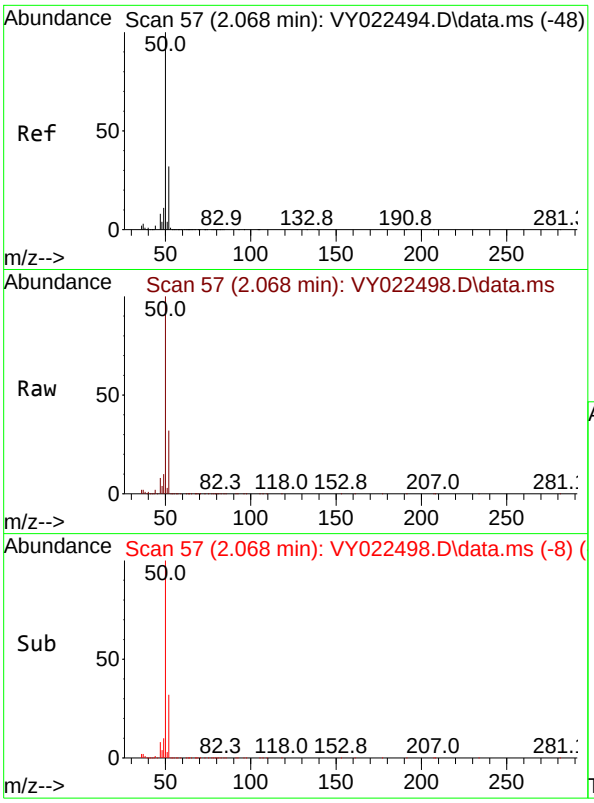


#2
Dichlorodifluoromethane
Concen: 42.825 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 85 Resp: 84059

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.7	50.0

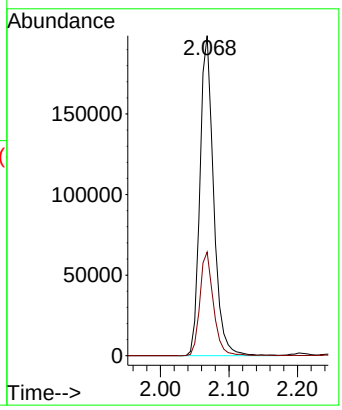




#3
Chloromethane
Concen: 47.616 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 50 Resp: 27611

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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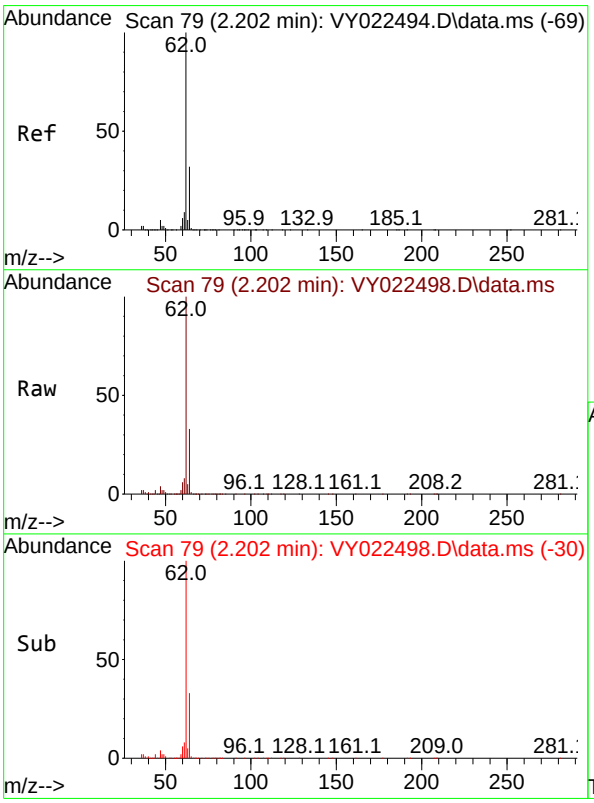
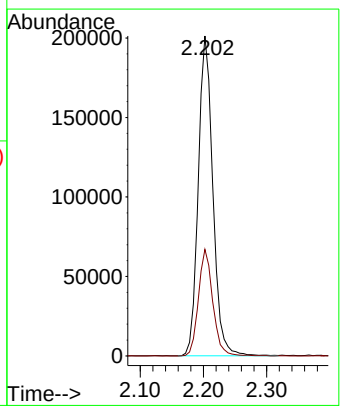
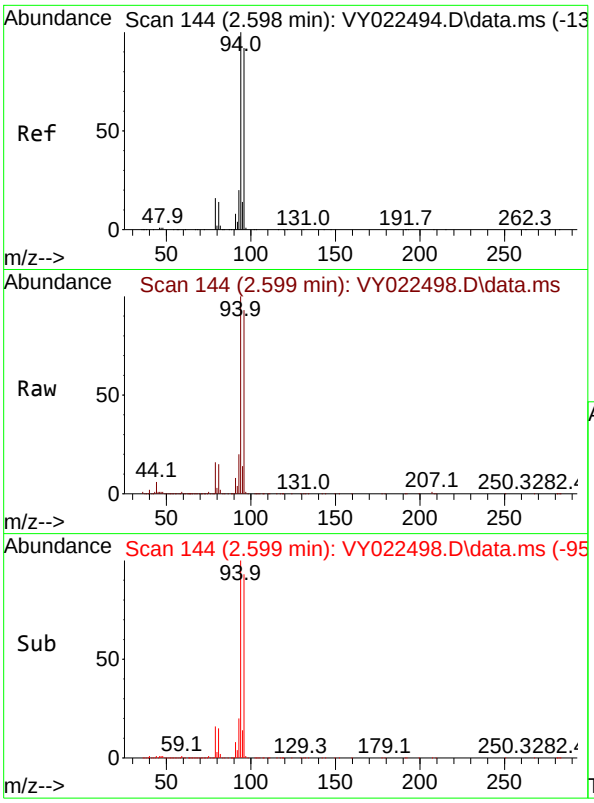


#4
Vinyl Chloride
Concen: 48.066 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 62 Resp: 323338

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.3	37.9

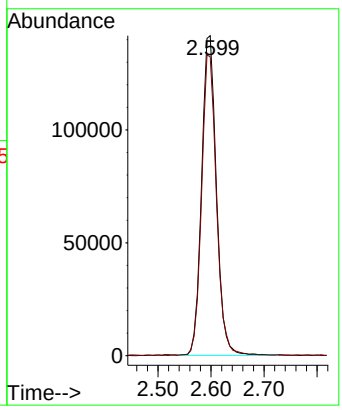




#5
Bromomethane
Concen: 42.515 ug/l
RT: 2.599 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 94 Resp: 27412

Ion	Ratio	Lower	Upper
94	100		
96	93.4	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

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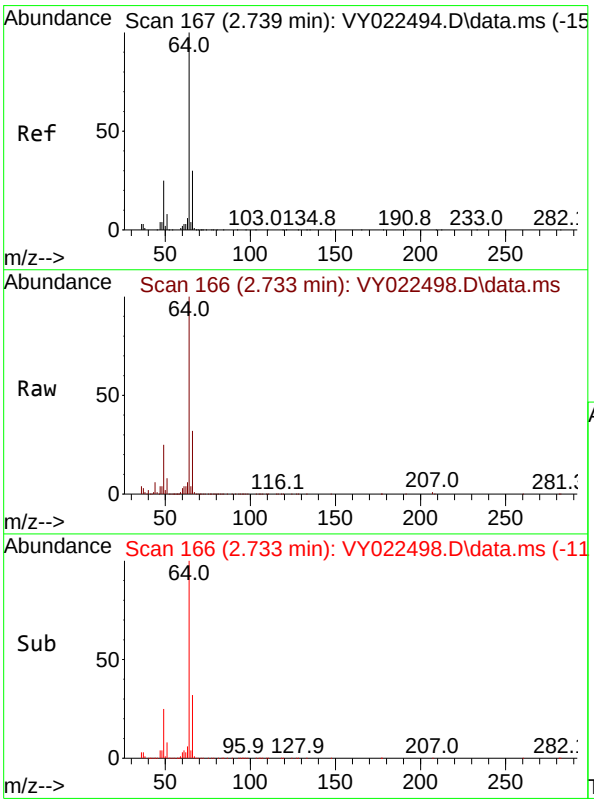
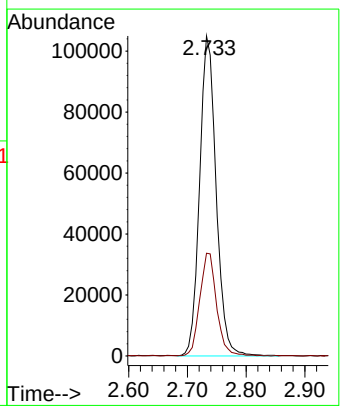
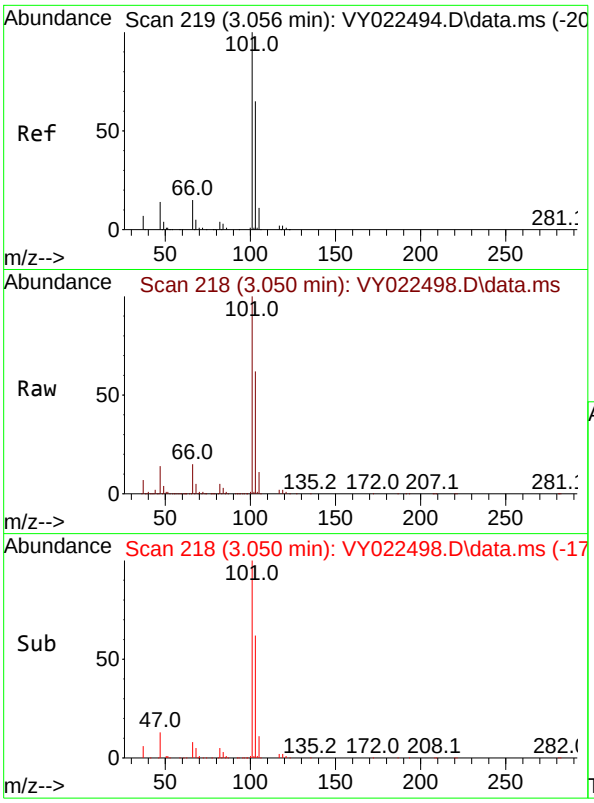


#6
Chloroethane
Concen: 44.575 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 64 Resp: 205816

Ion	Ratio	Lower	Upper
64	100		
66	32.0	23.8	35.6





#7
Trichlorofluoromethane
Concen: 47.475 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:101 Resp: 27112

Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.2	78.2

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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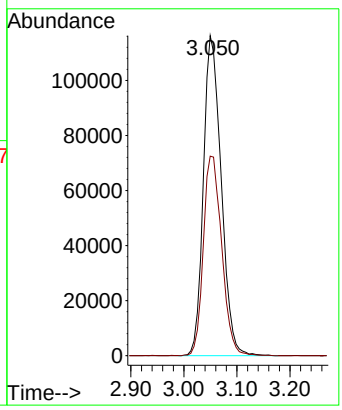
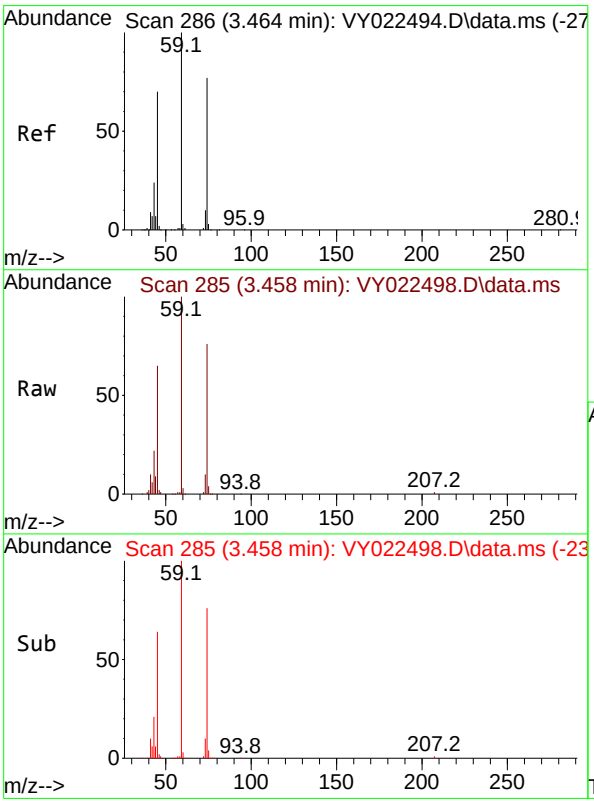
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

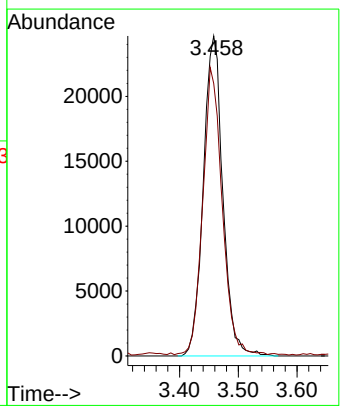


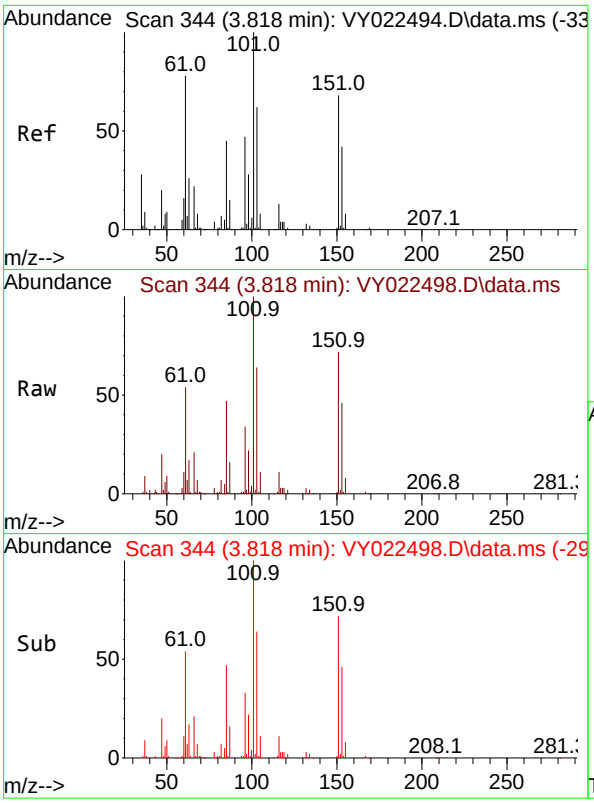


#8
Diethyl Ether
Concen: 44.247 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 74 Resp: 56906

Ion	Ratio	Lower	Upper
74	100		
45	89.1	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.230 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:101 Resp: 10878

Ion	Ratio	Lower	Upper
101	100		
85	49.7	39.3	58.9
151	71.8	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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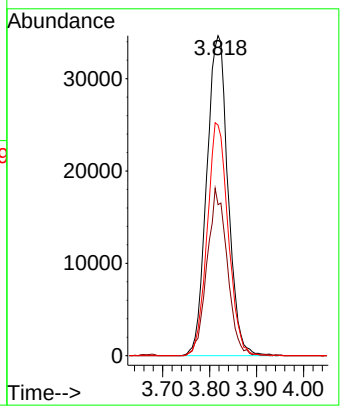
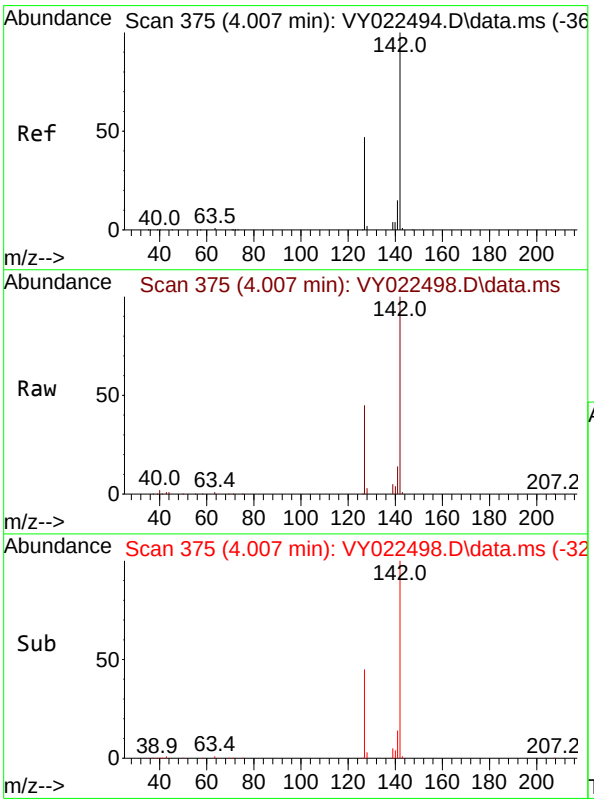
Supervised By :Mahesh Dadoda 06/03/2025

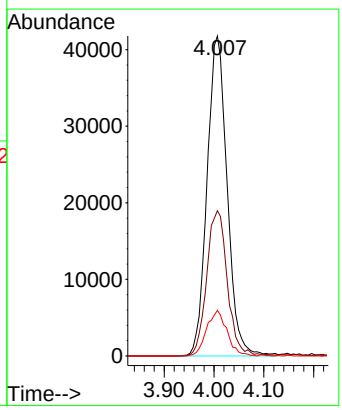


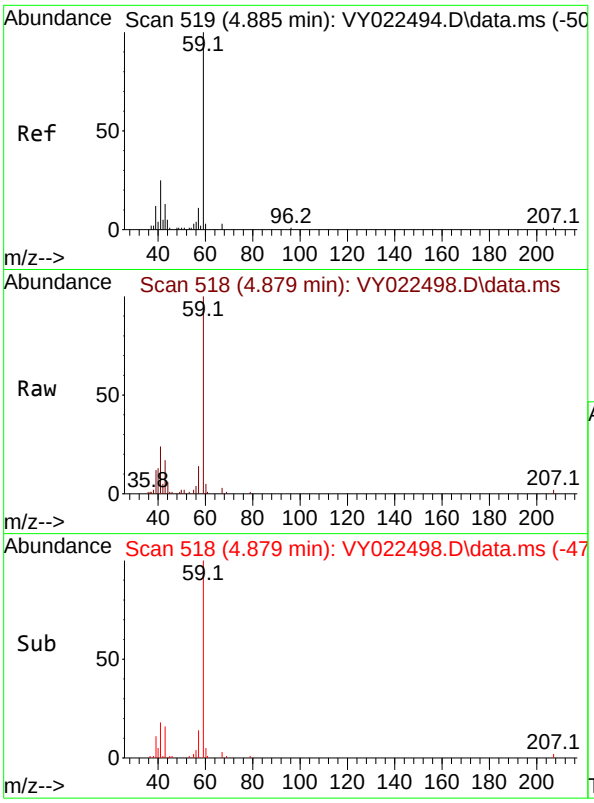


#10
Methyl Iodide
Concen: 44.885 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:142 Resp: 116830

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.1	55.7
141	14.5	11.4	17.2

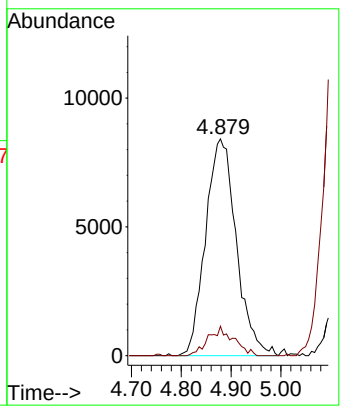




#11
Tert butyl alcohol
Concen: 205.761 ug/l
RT: 4.879 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 59 Resp: 3603

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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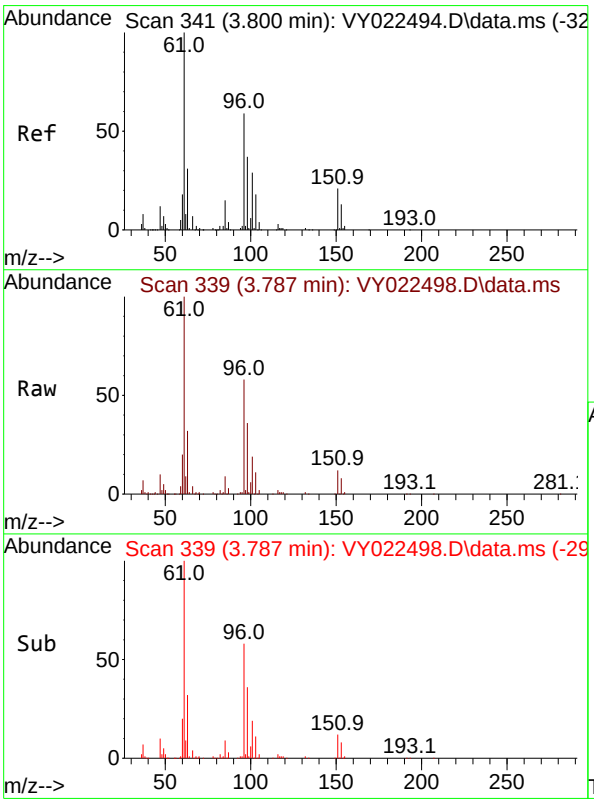
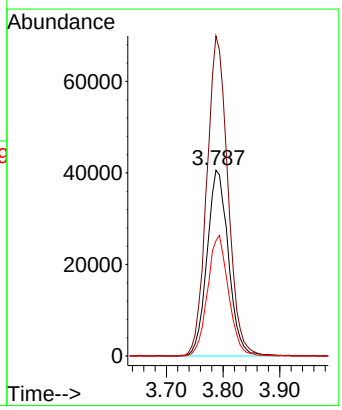
Supervised By :Mahesh Dadoda 06/03/2025

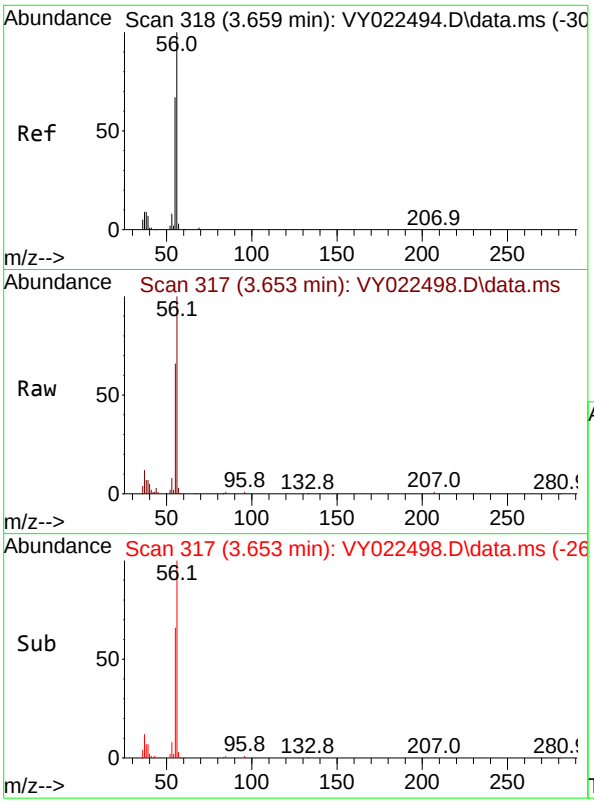


#12
1,1-Dichloroethene
Concen: 46.234 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 96 Resp: 106297

Ion	Ratio	Lower	Upper
96	100		
61	172.2	134.6	201.8
98	62.0	50.2	75.4

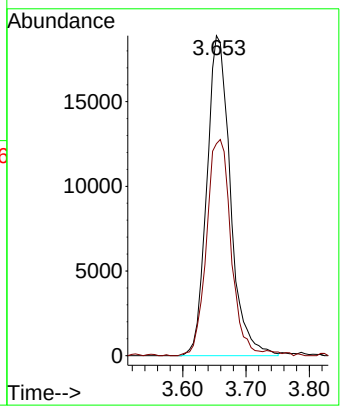




#13
Acrolein
Concen: 223.473 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 56 Resp: 4877

Ion	Ratio	Lower	Upper
56	100		
55	70.0	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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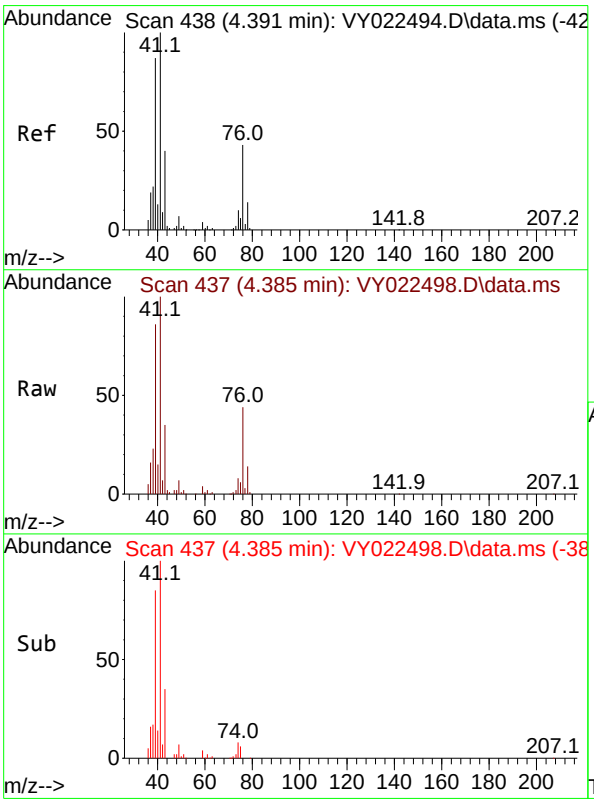
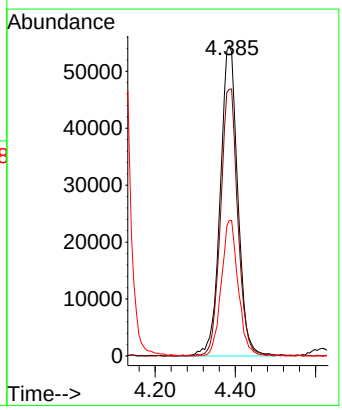
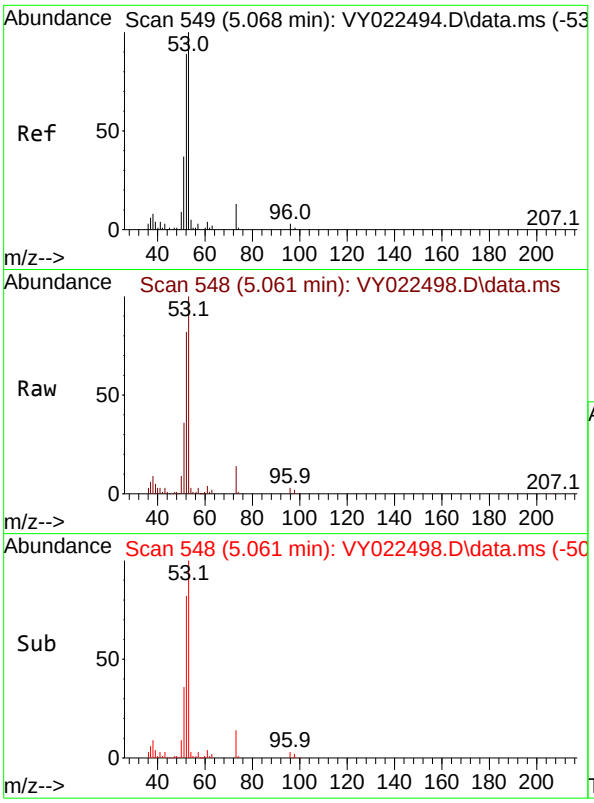


#14
Allyl chloride
Concen: 45.834 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 165428

Ion	Ratio	Lower	Upper
41	100		
39	84.5	69.1	103.7
76	41.9	33.5	50.3

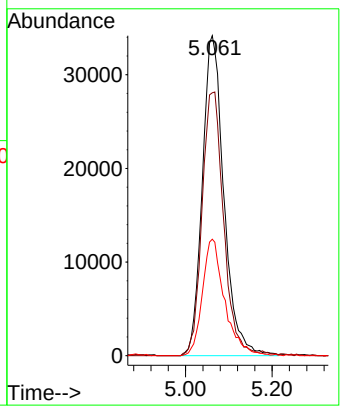




#15
Acrylonitrile
Concen: 216.963 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 53 Resp: 11817

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	37.5	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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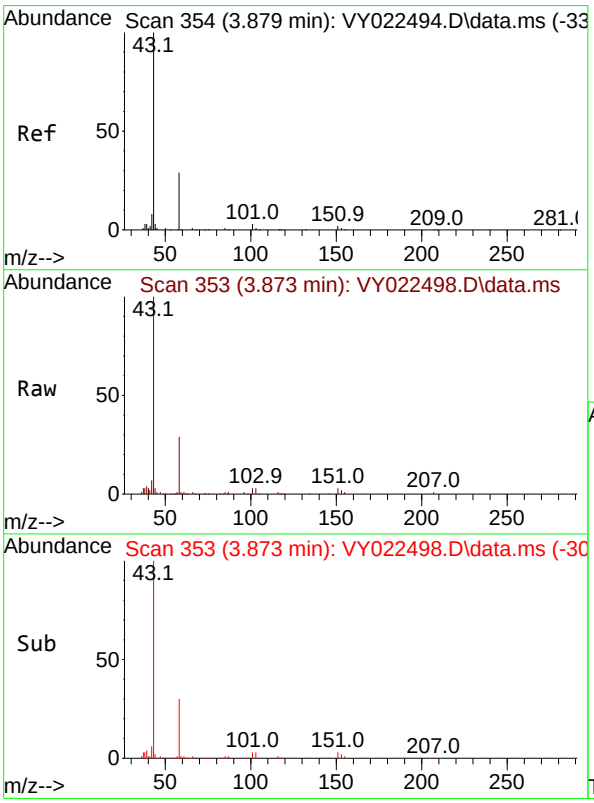
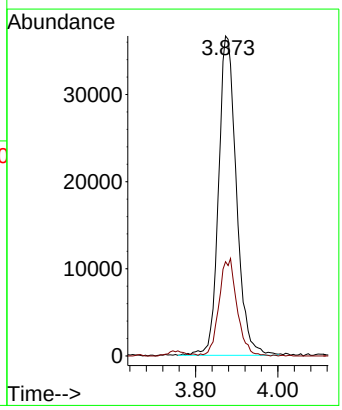
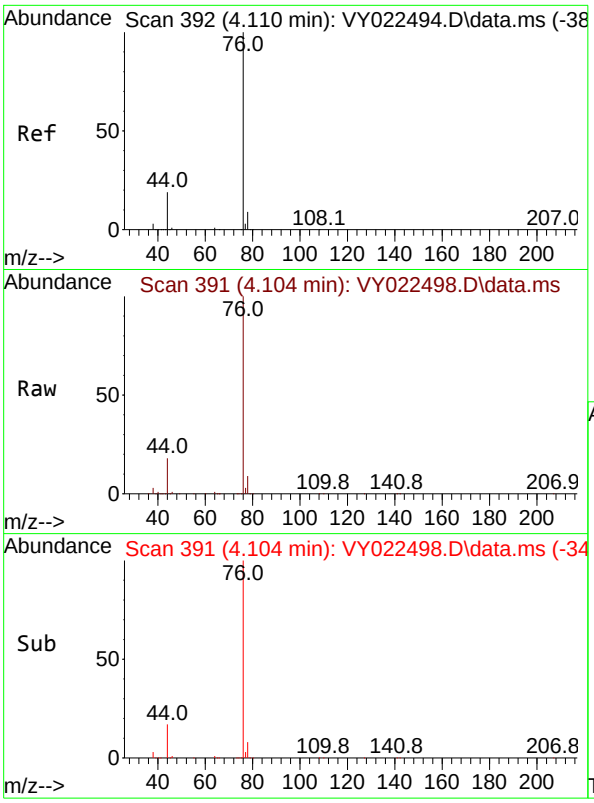


#16
Acetone
Concen: 221.854 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 110479

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.0	36.0

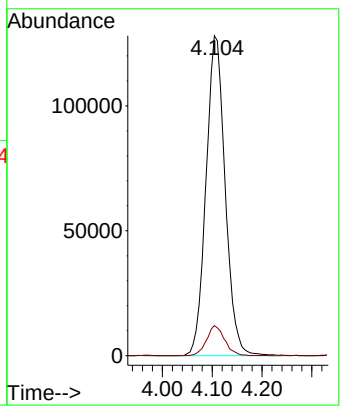




#17
Carbon Disulfide
Concen: 46.432 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 76 Resp: 34177

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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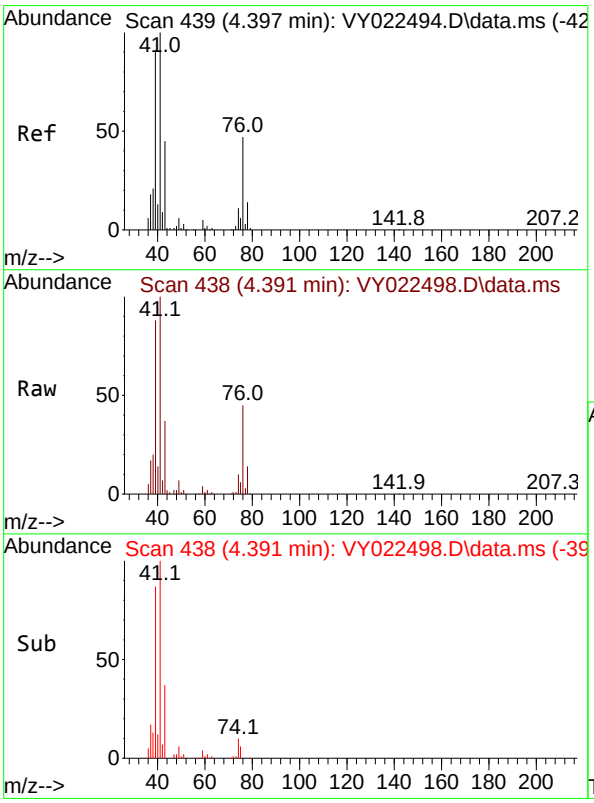
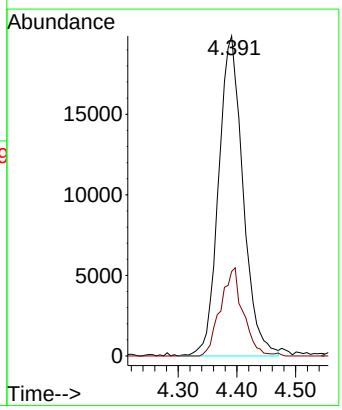
Supervised By :Mahesh Dadoda 06/03/2025

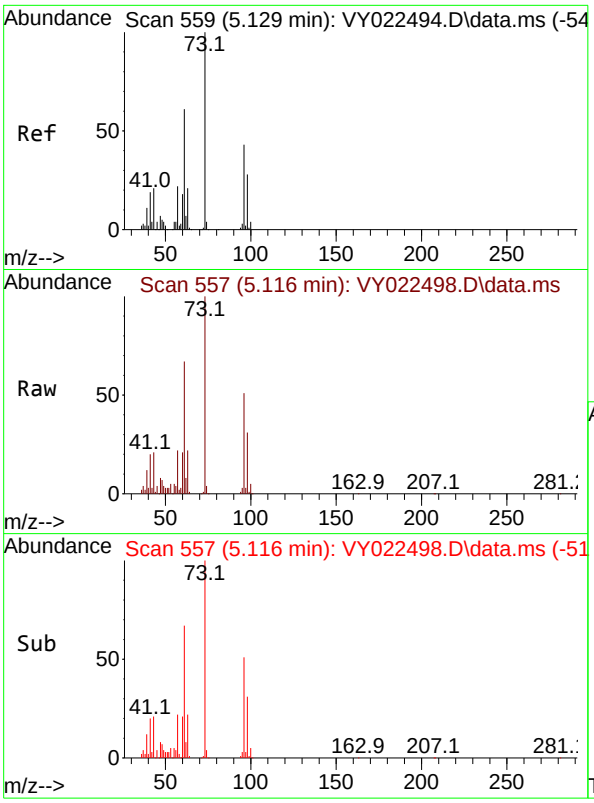


#18
Methyl Acetate
Concen: 38.935 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 57416

Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.8	29.6

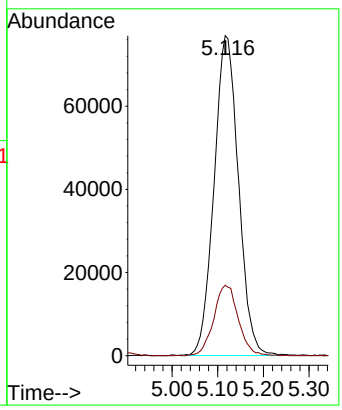




#19
Methyl tert-butyl Ether
Concen: 43.974 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 73 Resp: 28476

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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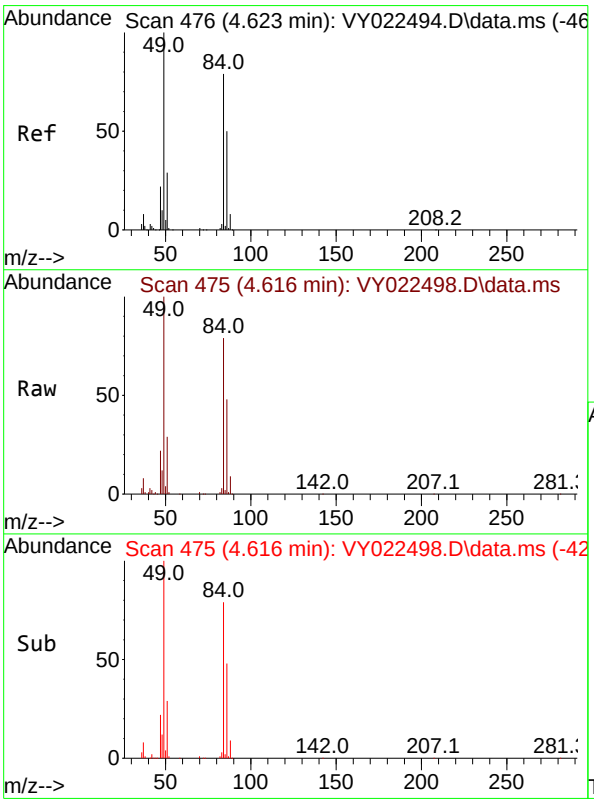
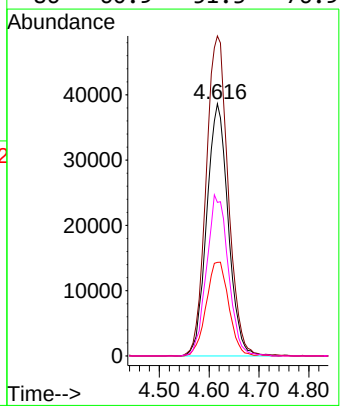
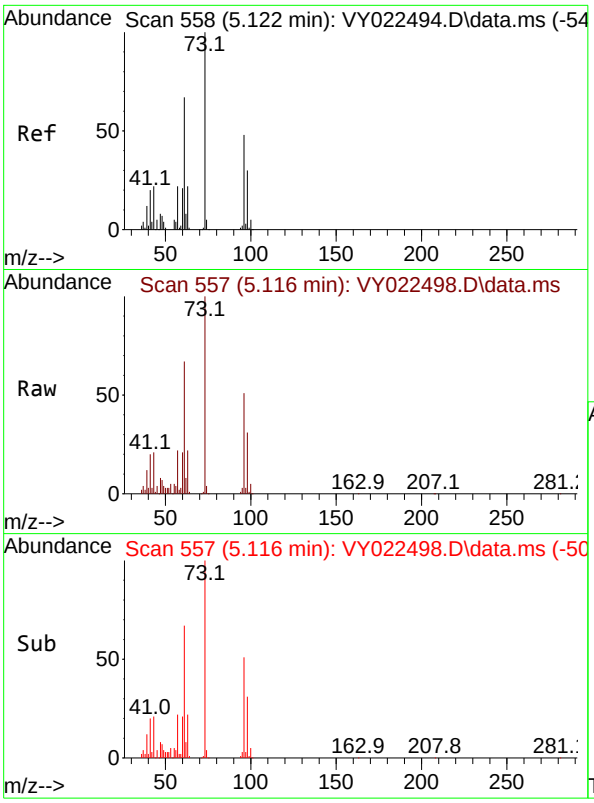


#20
Methylene Chloride
Concen: 40.875 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 84 Resp: 115624

Ion	Ratio	Lower	Upper
84	100		
49	126.9	101.9	152.9
51	37.1	29.8	44.8
86	60.9	51.3	76.9

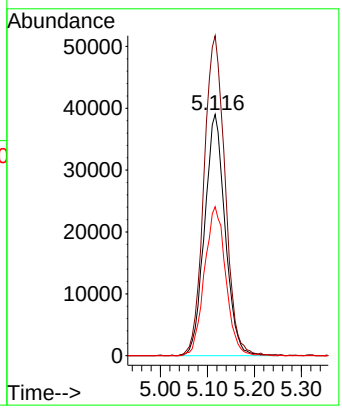




#21
trans-1,2-Dichloroethene
Concen: 46.024 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 96 Resp: 11842

Ion	Ratio	Lower	Upper
96	100		
61	132.6	112.6	169.0
98	61.8	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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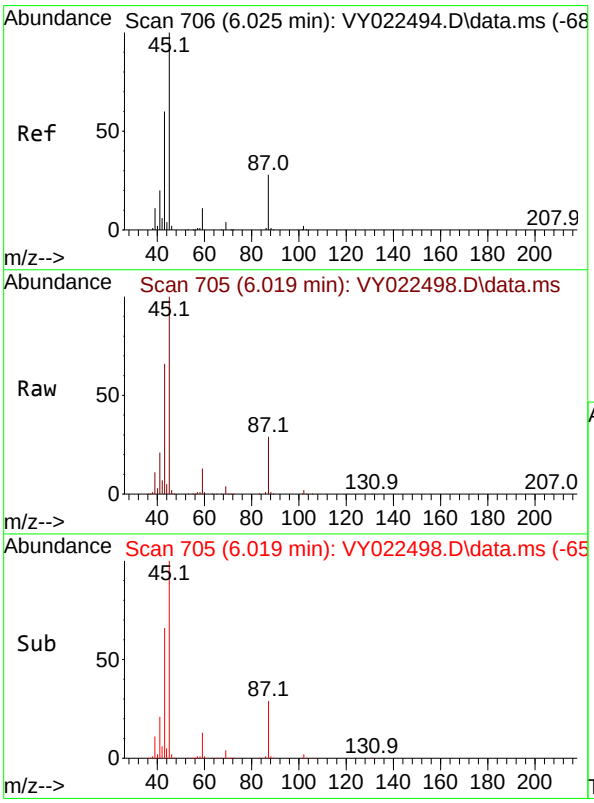
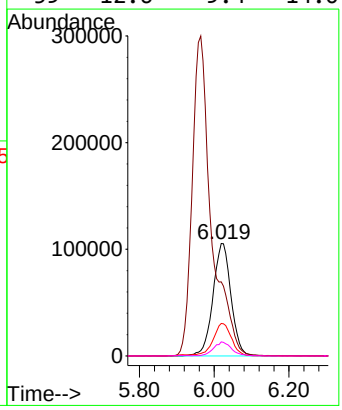
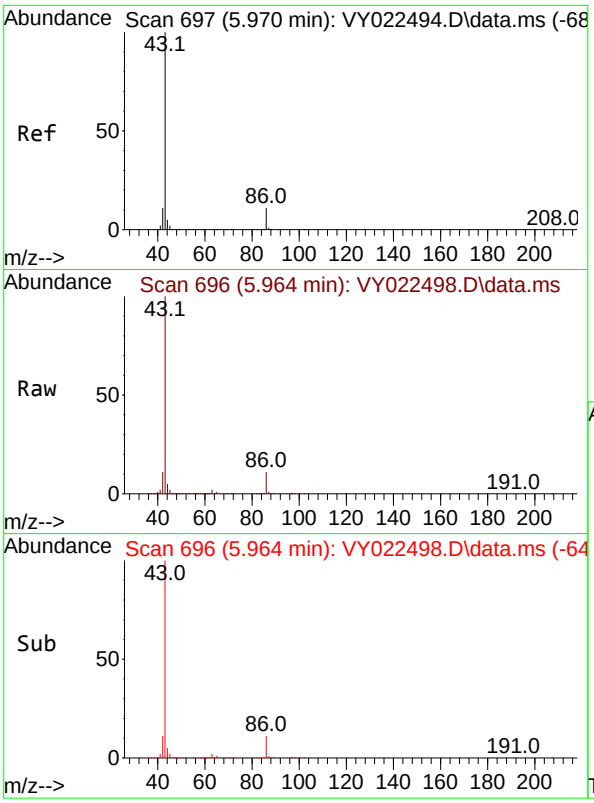


#22
Diisopropyl ether
Concen: 44.104 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 45 Resp: 354328

Ion	Ratio	Lower	Upper
45	100		
43	65.4	48.3	72.5
87	28.8	23.0	34.6
59	12.6	9.4	14.0





#23
Vinyl Acetate
Concen: 223.951 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 106489

Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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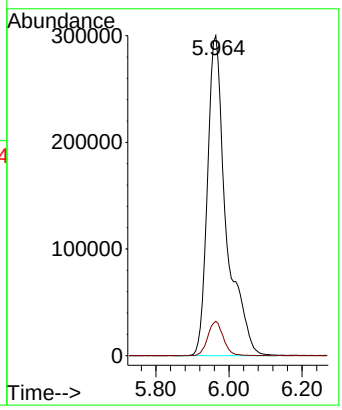
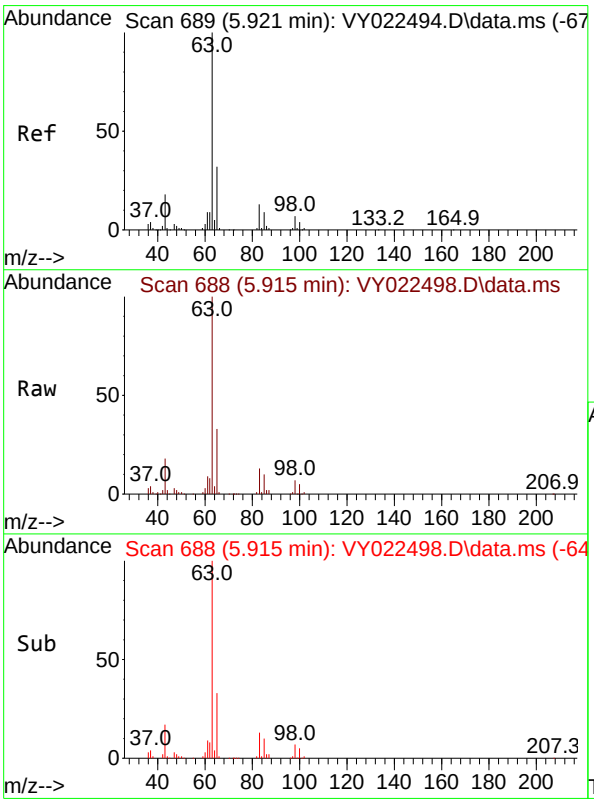
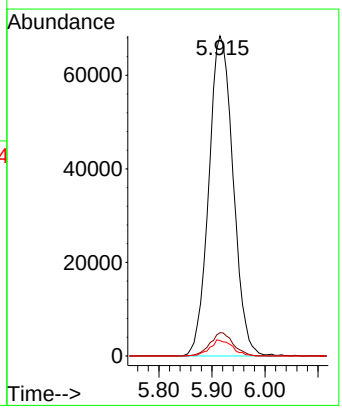


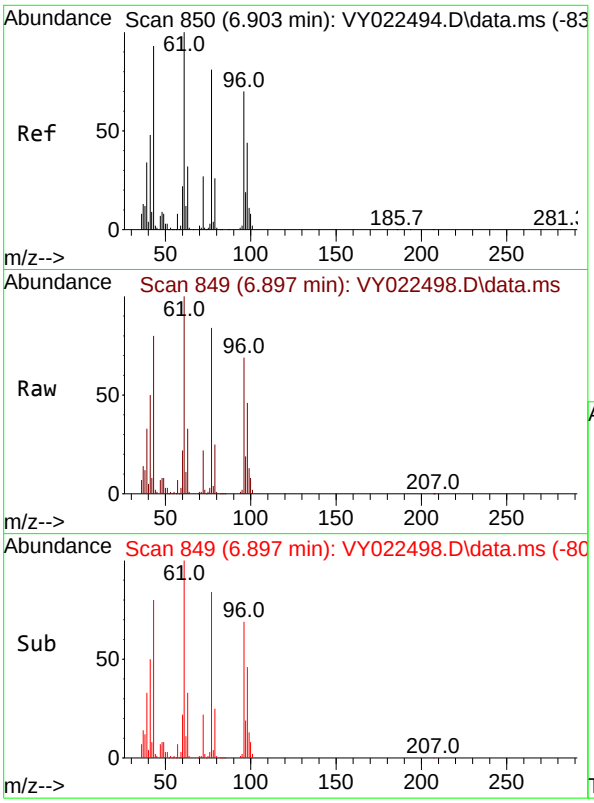


#24
1,1-Dichloroethane
Concen: 46.053 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 63 Resp: 217965

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.4	10.1
100	4.8	2.1	6.3

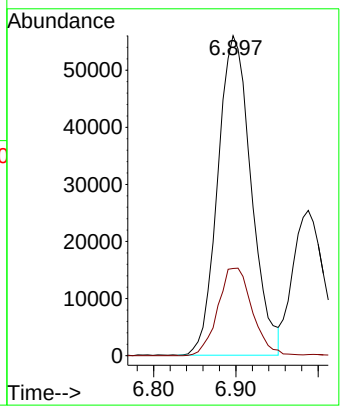




#25
2-Butanone
Concen: 220.736 ug/l
RT: 6.897 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 15855

Ion	Ratio	Lower	Upper
43	100		
72	27.3	22.9	34.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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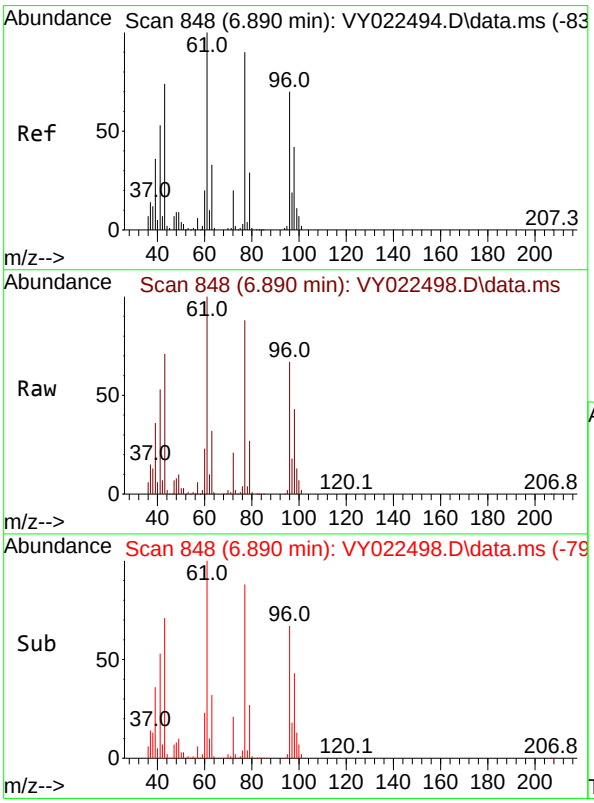
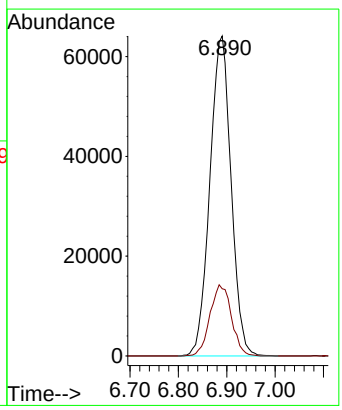
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

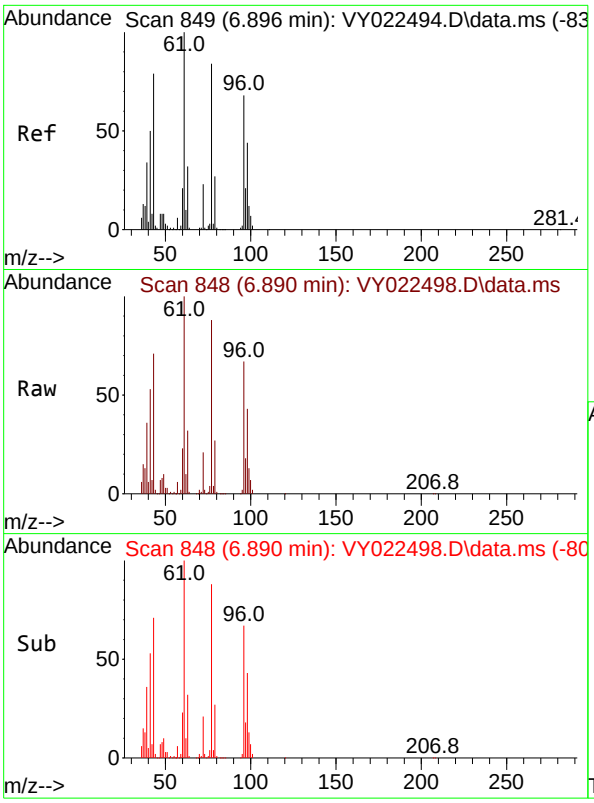


#26
2,2-Dichloropropane
Concen: 46.639 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 77 Resp: 195035

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.4	34.2

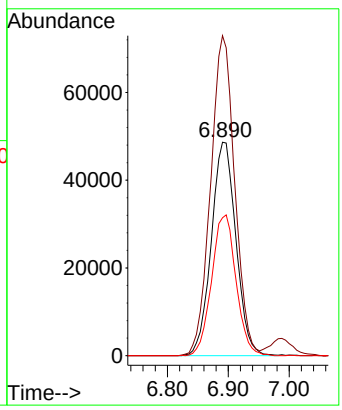




#27
cis-1,2-Dichloroethene
Concen: 46.024 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 96 Resp: 13688

Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	290.0
98	65.3	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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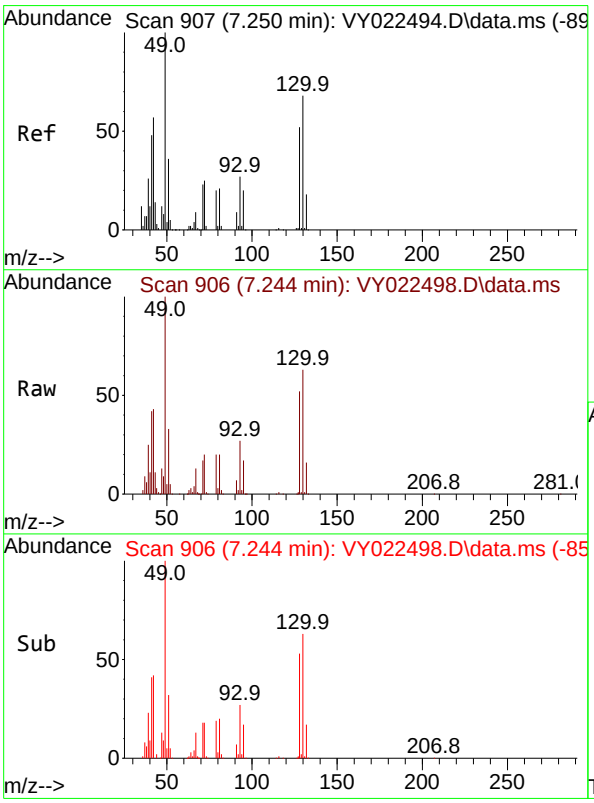
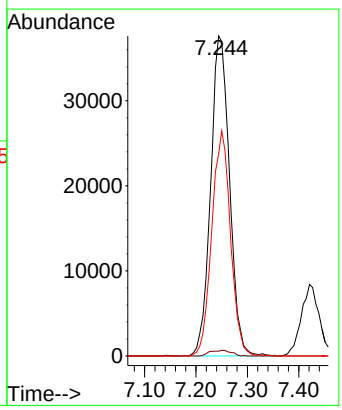
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

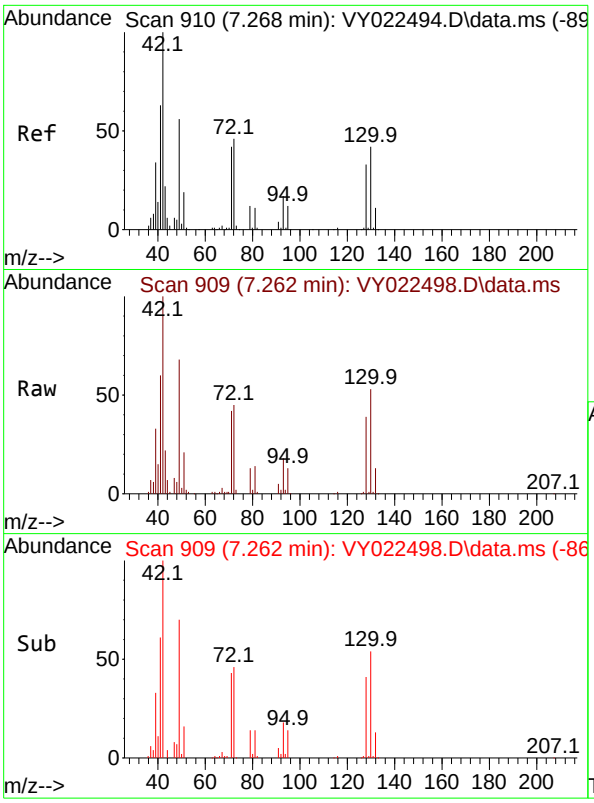


#28
Bromochloromethane
Concen: 46.547 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 49 Resp: 96031

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	69.6	55.7	83.5

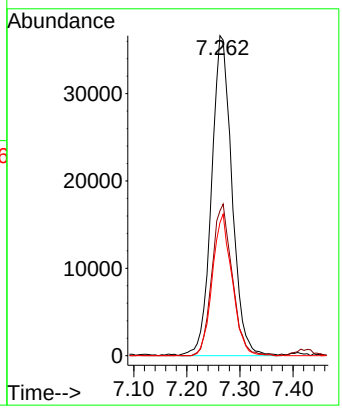




#29
Tetrahydrofuran
Concen: 211.767 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 42 Resp: 9810

Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.4	56.2
71	42.7	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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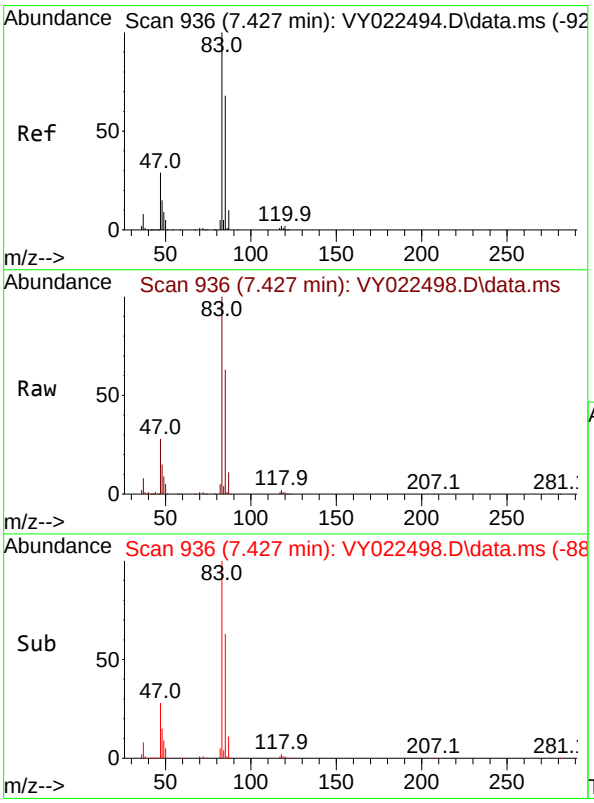
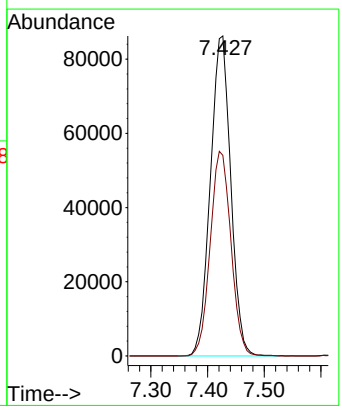
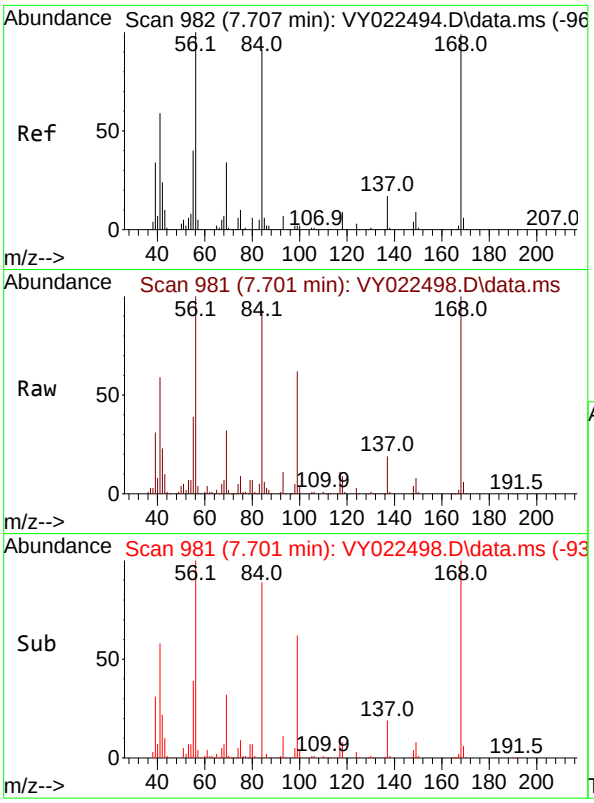


#30
Chloroform
Concen: 45.919 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 83 Resp: 215264

Ion	Ratio	Lower	Upper
83	100		
85	62.7	54.2	81.4

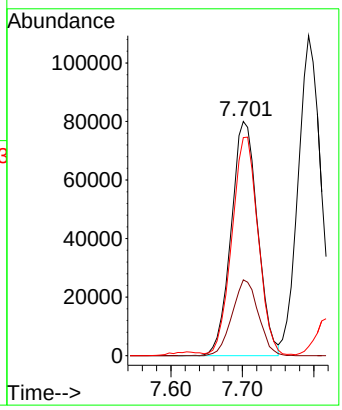




#31
Cyclohexane
Concen: 43.757 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 56 Resp: 20617

Ion	Ratio	Lower	Upper
56	100		
69	32.4	27.0	40.6
84	91.7	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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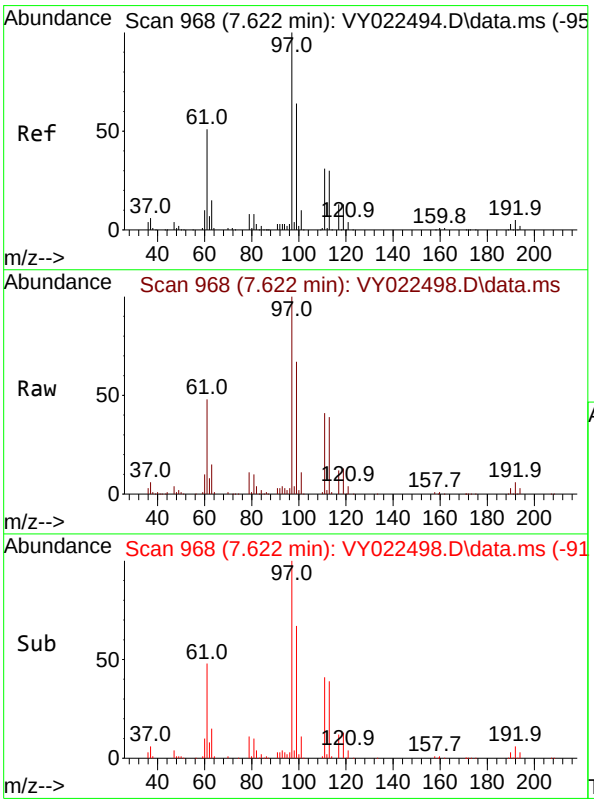
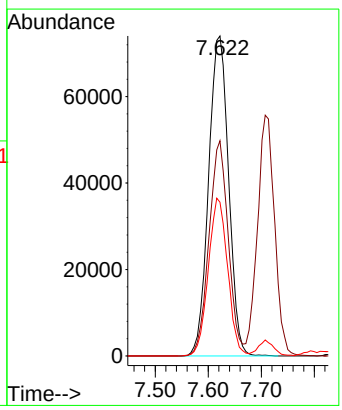
Supervised By :Mahesh Dadoda 06/03/2025

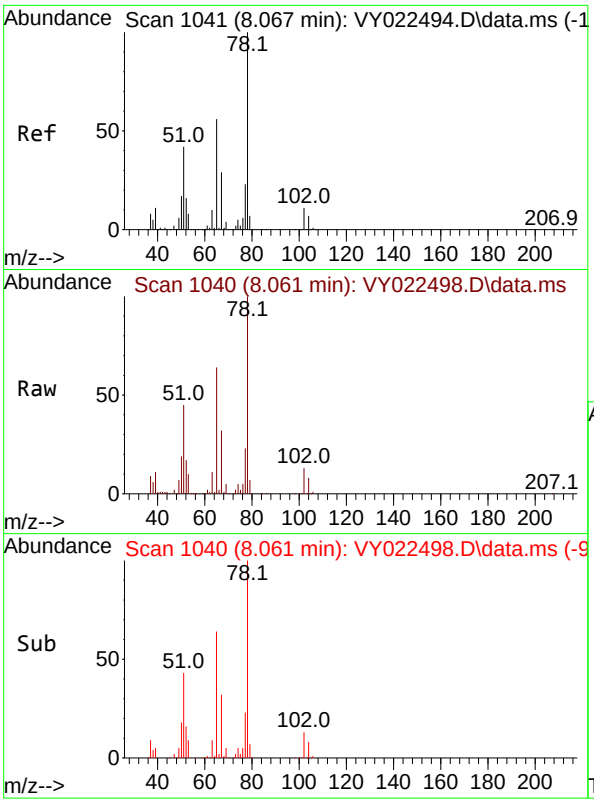


#32
1,1,1-Trichloroethane
Concen: 46.627 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 97 Resp: 194039

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.9	76.3
61	47.8	38.5	57.7

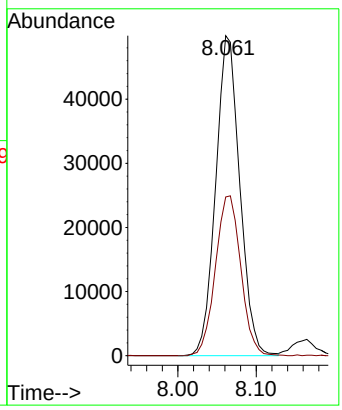




#33
1,2-Dichloroethane-d4
Concen: 43.538 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 65 Resp: 10675

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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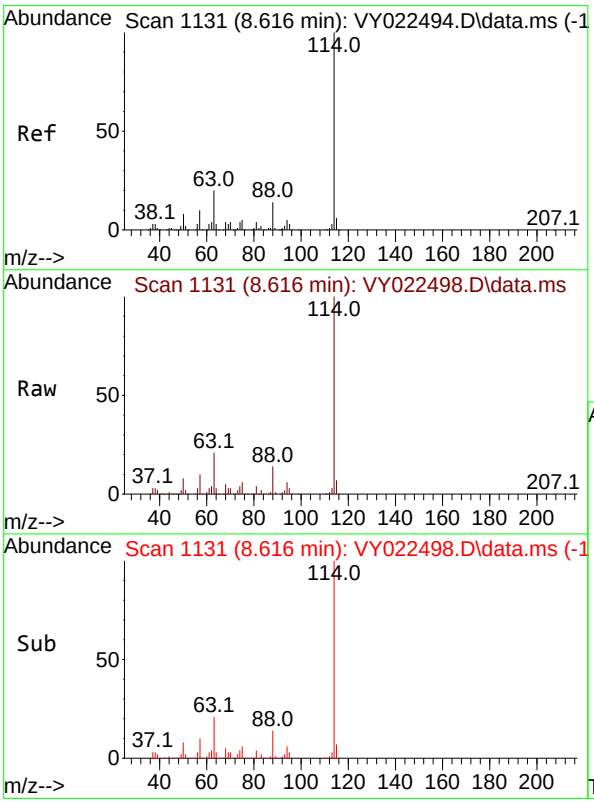
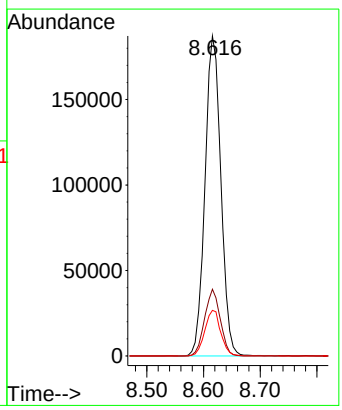
Supervised By :Mahesh Dadoda 06/03/2025

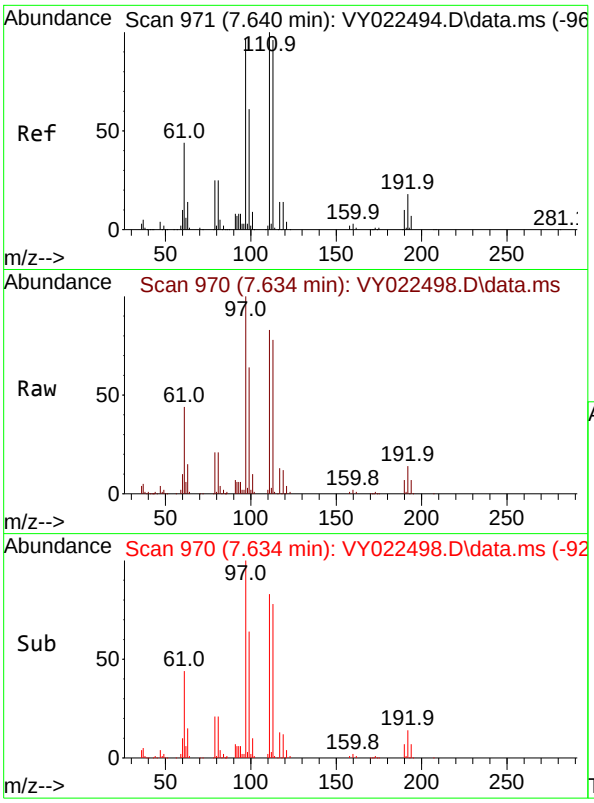


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:114 Resp: 365013

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	14.3	0.0	27.8

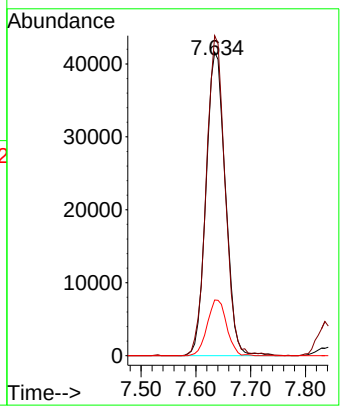




#35
Dibromofluoromethane
Concen: 46.676 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:113 Resp: 10169

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	18.4	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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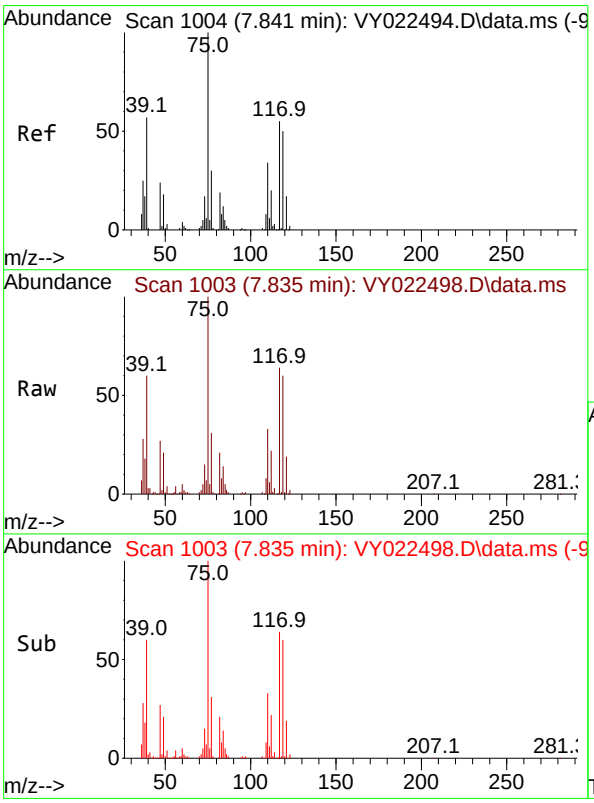
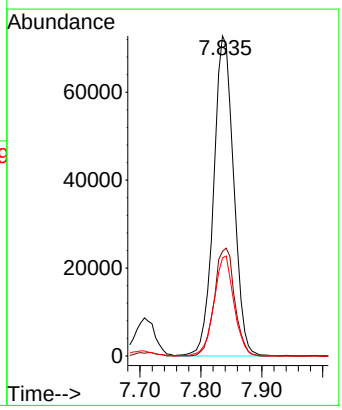
Supervised By :Mahesh Dadoda 06/03/2025

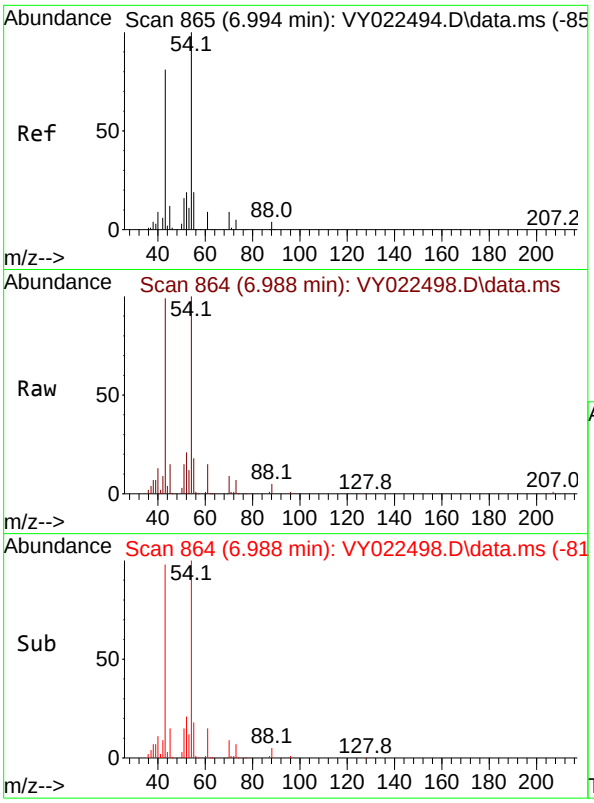


#36
1,1-Dichloropropene
Concen: 46.978 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 166116

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	31.2	24.8	37.2

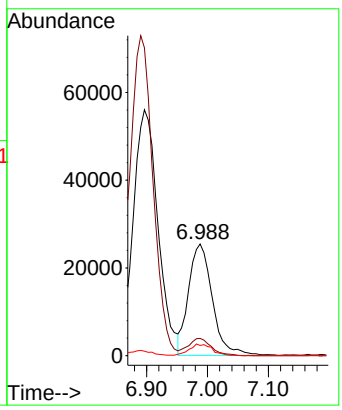




#37
Ethyl Acetate
Concen: 43.605 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 6876

Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.5	17.3
70	10.1	7.2	10.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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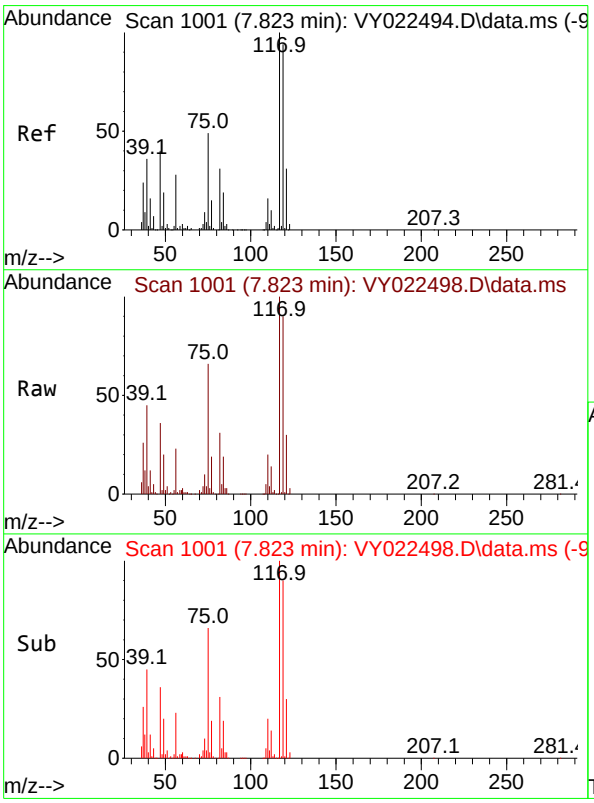
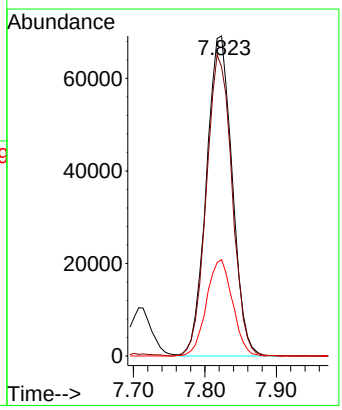
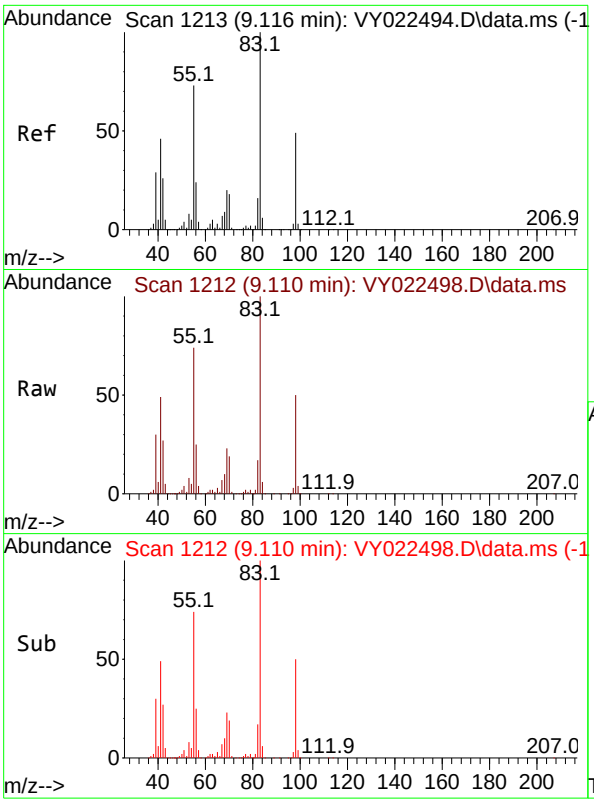


#38
Carbon Tetrachloride
Concen: 47.747 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:117 Resp: 173199

Ion	Ratio	Lower	Upper
117	100		
119	90.3	75.0	112.6
121	30.1	25.0	37.4

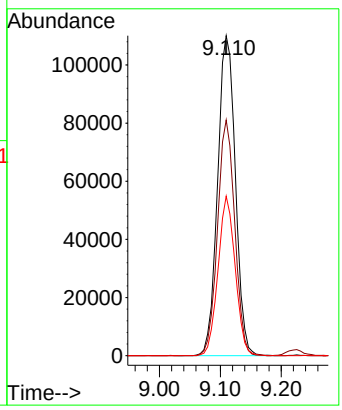




#39
Methylcyclohexane
Concen: 46.923 ug/l
RT: 9.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 83 Resp: 22297

Ion	Ratio	Lower	Upper
83	100		
55	73.7	58.1	87.1
98	49.9	39.0	58.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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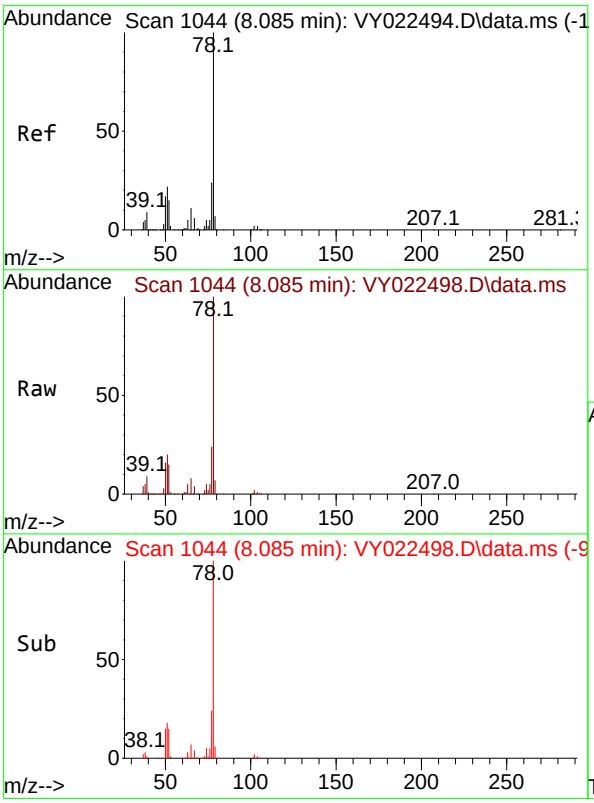
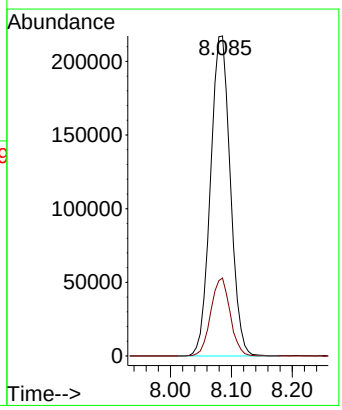
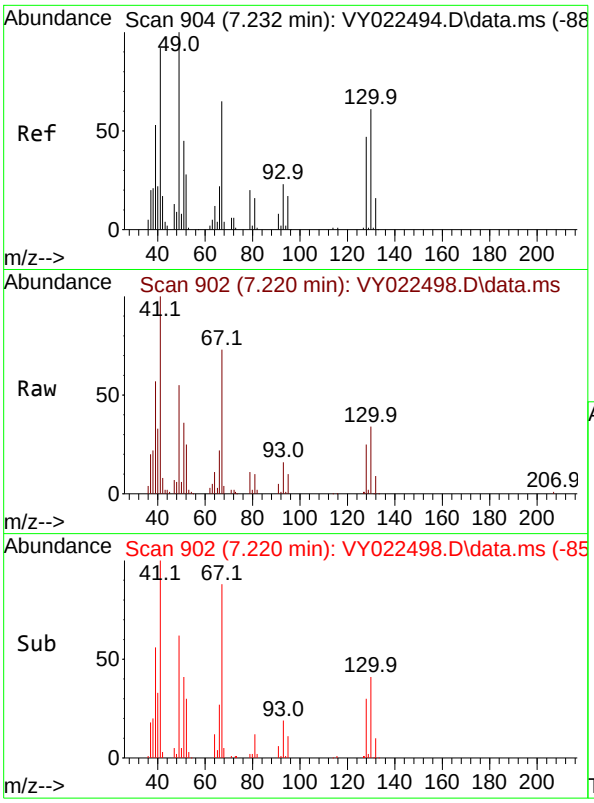


#40
Benzene
Concen: 47.020 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 78 Resp: 491078

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9

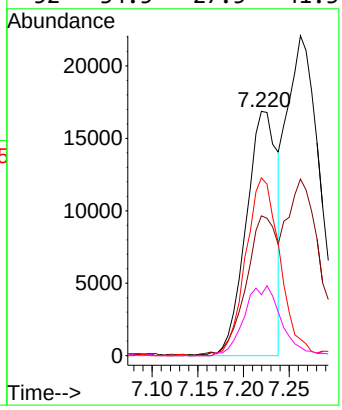




#41
Methacrylonitrile
Concen: 43.134 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 3973

Ion	Ratio	Lower	Upper
41	100		
39	57.3	46.6	69.8
67	80.2	63.3	94.9
52	34.5	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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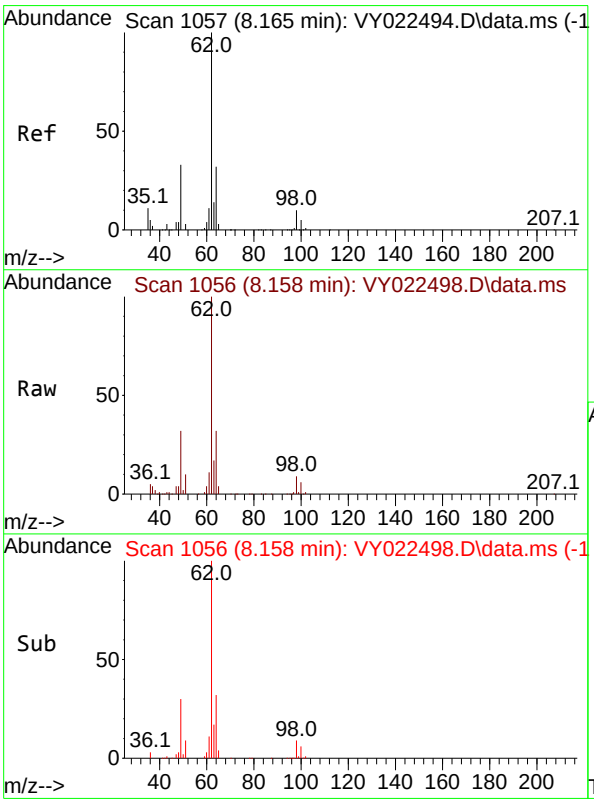
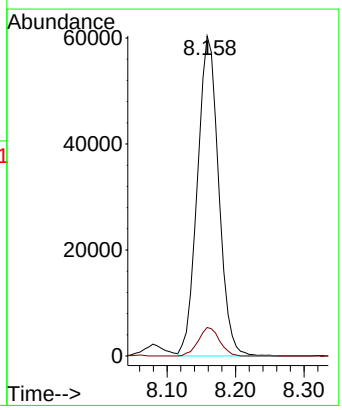
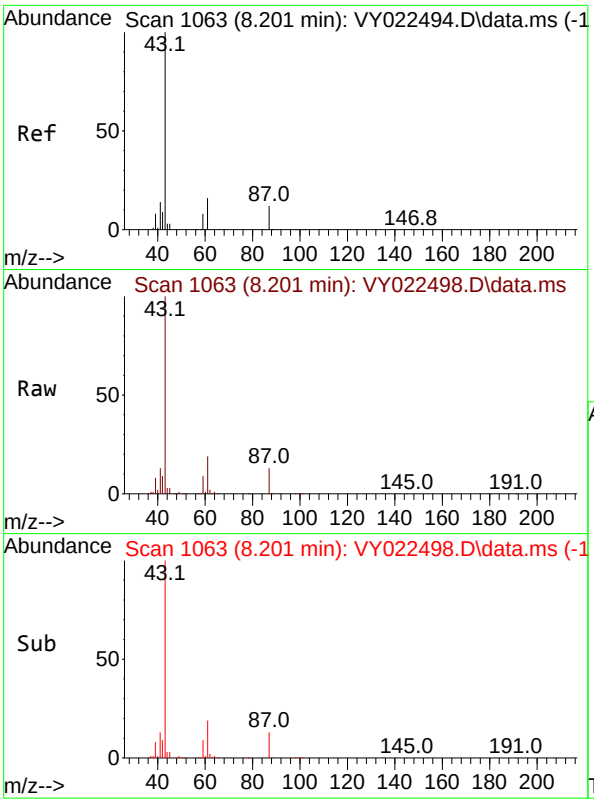


#42
1,2-Dichloroethane
Concen: 45.644 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 62 Resp: 130161

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2





#43
Isopropyl Acetate
Concen: 44.122 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 15026

Ion	Ratio	Lower	Upper
43	100		
61	28.6	15.6	23.4
87	13.0	10.2	15.4

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

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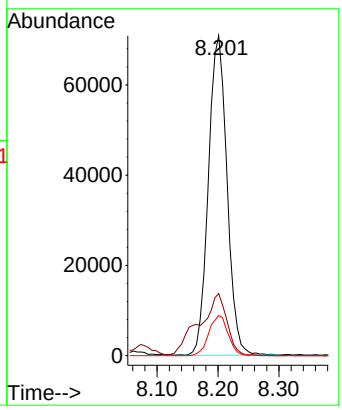
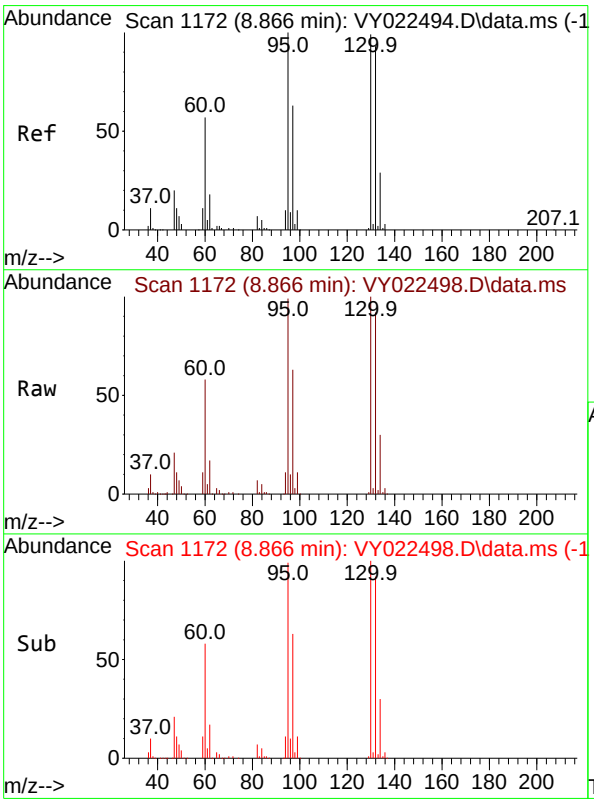
Supervised By :Mahesh Dadoda 06/03/2025

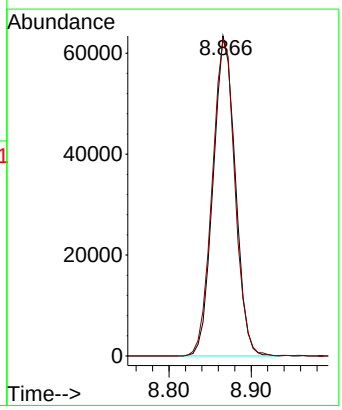


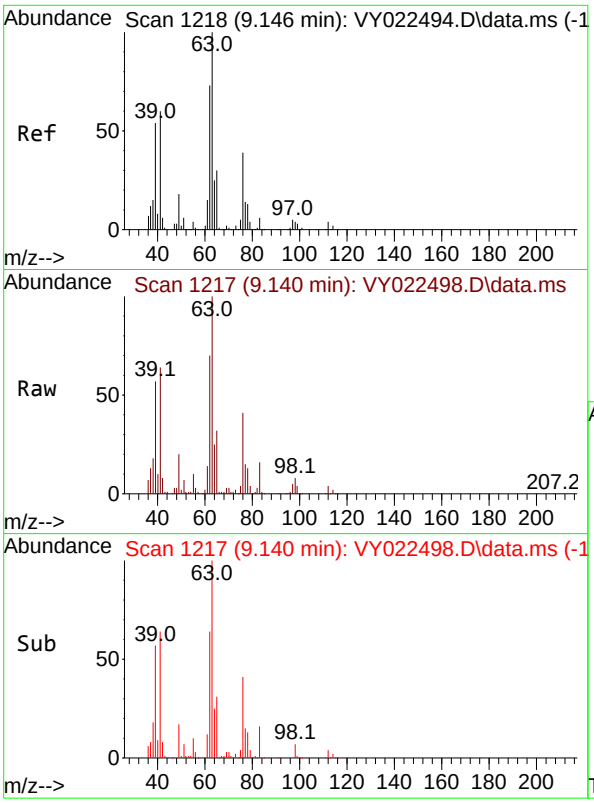


#44
Trichloroethene
Concen: 46.609 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:130 Resp: 118971

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	203.0

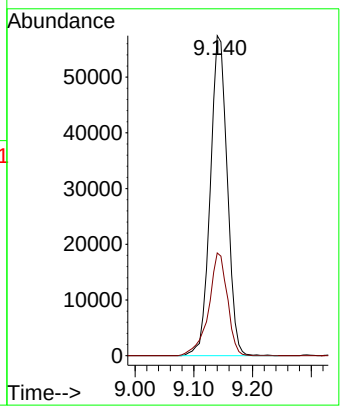




#45
1,2-Dichloropropane
Concen: 46.587 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 63 Resp: 11498

Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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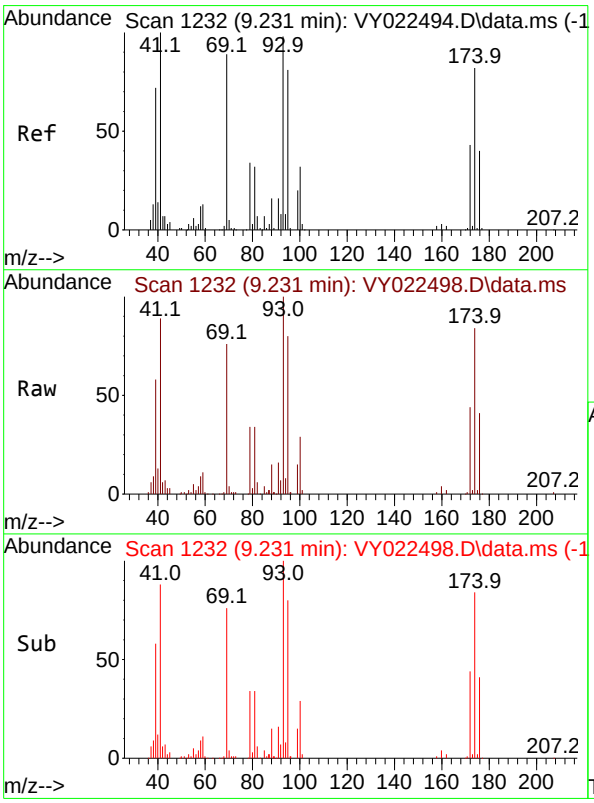
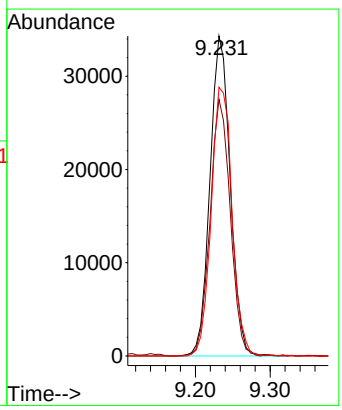
Supervised By :Mahesh Dadoda 06/03/2025

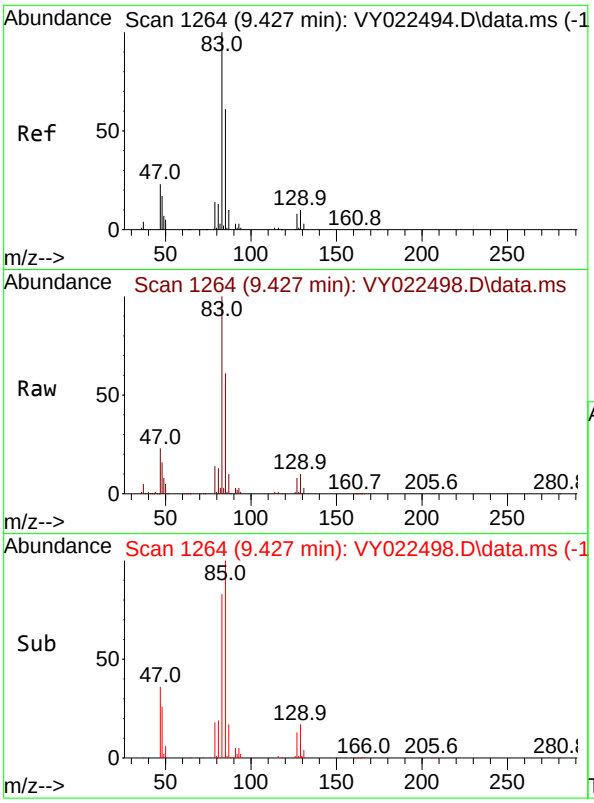


#46
Dibromomethane
Concen: 46.430 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 93 Resp: 64473

Ion	Ratio	Lower	Upper
93	100		
95	80.2	65.6	98.4
174	86.4	70.4	105.6

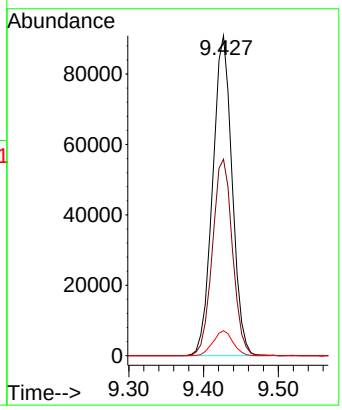




#47
Bromodichloromethane
Concen: 46.825 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 83 Resp: 16487

Ion	Ratio	Lower	Upper
83	100		
85	61.4	49.1	73.7
127	7.8	6.2	9.4



Instrument :
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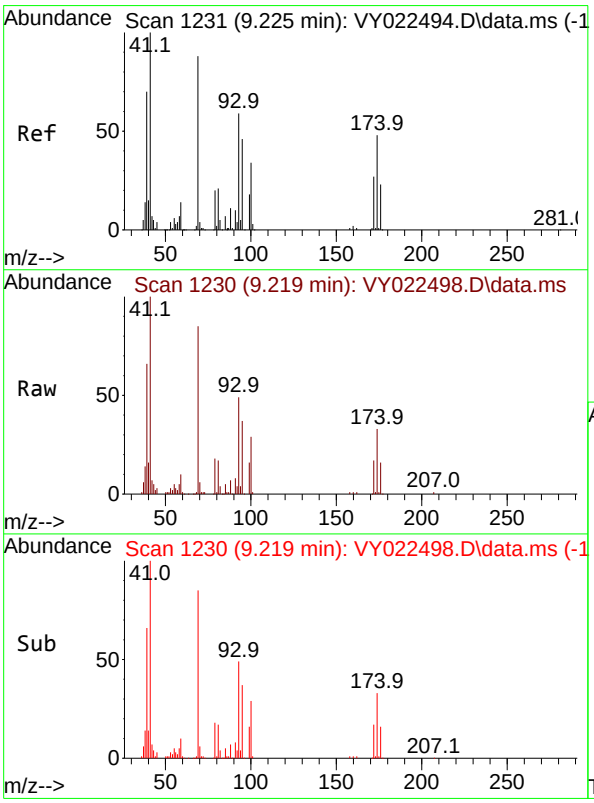
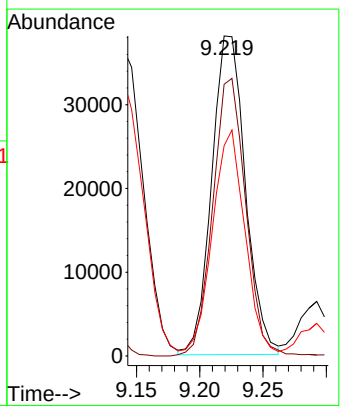
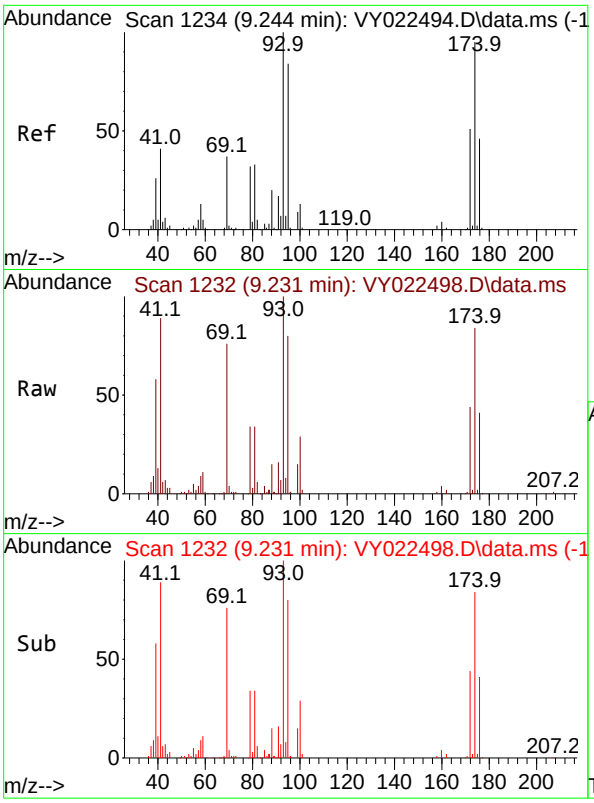


#48
Methyl methacrylate
Concen: 44.198 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 70644

Ion	Ratio	Lower	Upper
41	100		
69	85.1	67.8	101.8
39	65.9	55.0	82.4

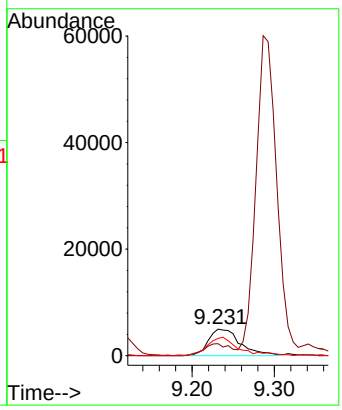




#49
1,4-Dioxane
Concen: 816.553 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 88 Resp: 1343

Ion	Ratio	Lower	Upper
88	100		
43	39.1	25.4	38.2
58	67.7	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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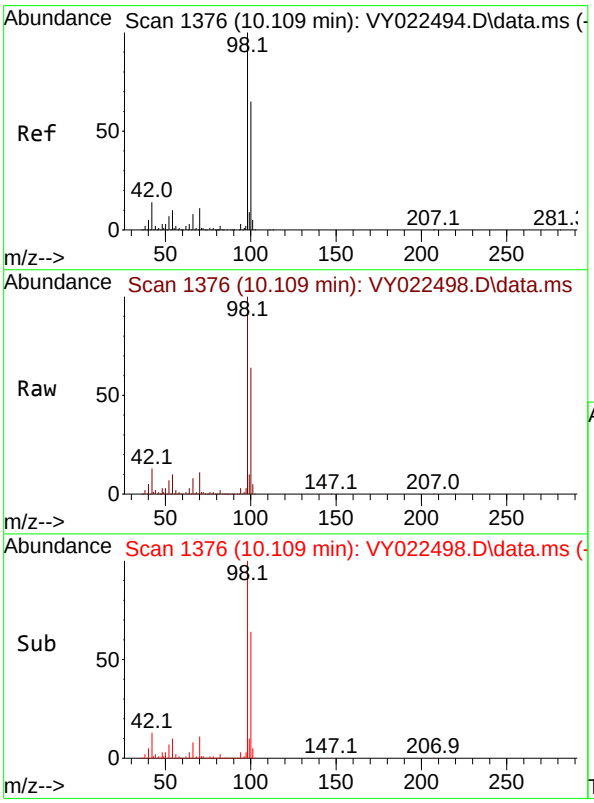
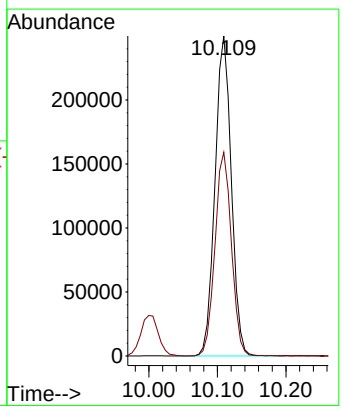
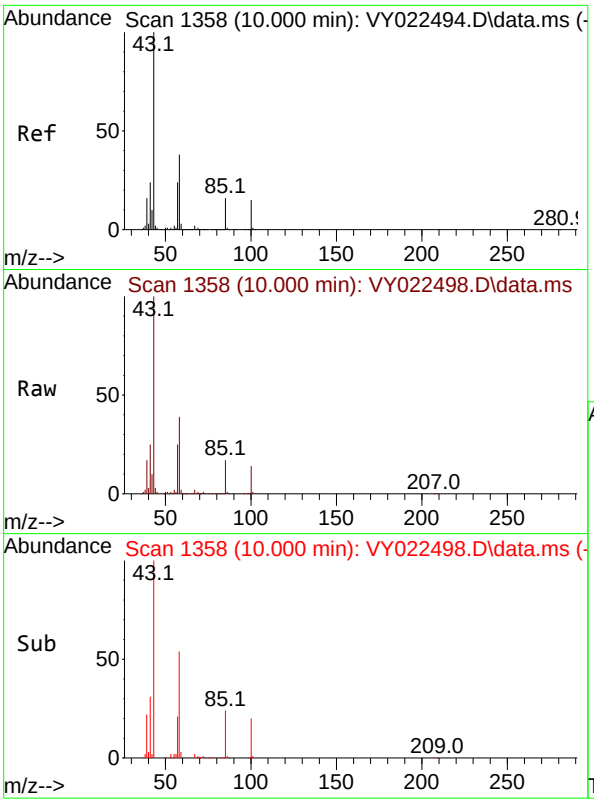


#50
Toluene-d8
Concen: 46.760 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 98 Resp: 411640

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0

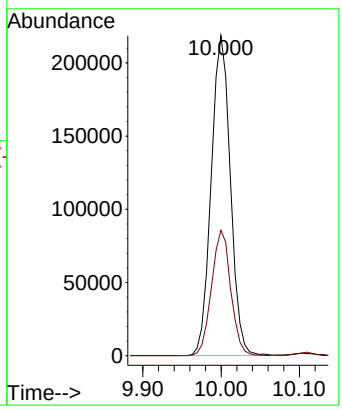




#51
4-Methyl-2-Pentanone
Concen: 219.250 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 37227

Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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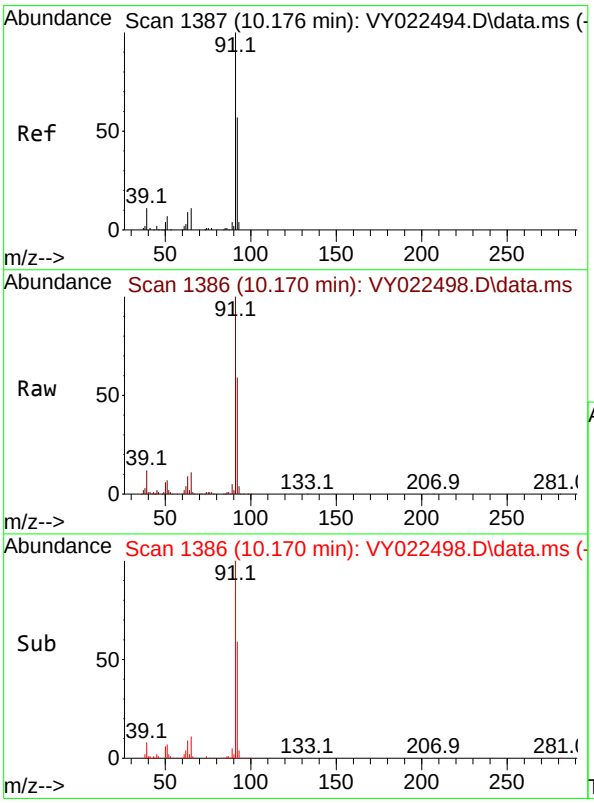
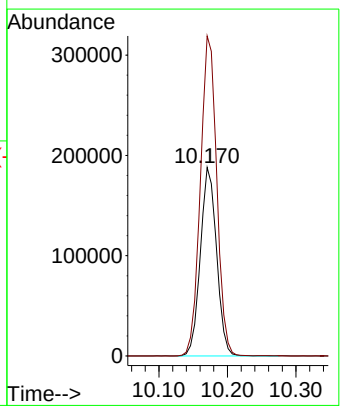
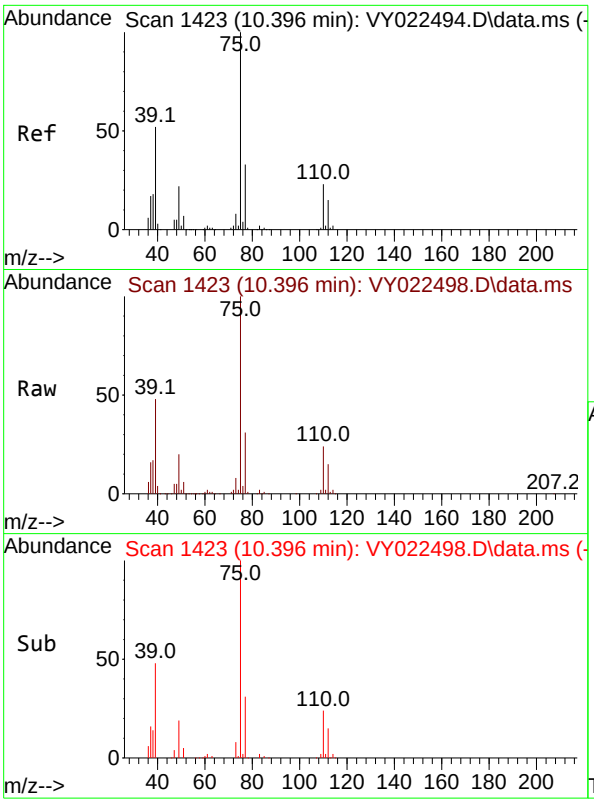


#52
Toluene
Concen: 47.137 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 92 Resp: 309375

Ion	Ratio	Lower	Upper
92	100		
91	171.7	139.0	208.4

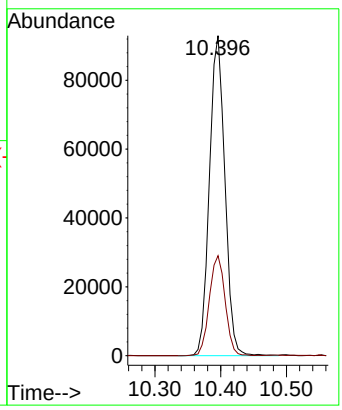




#53
t-1,3-Dichloropropene
Concen: 46.094 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 15206

Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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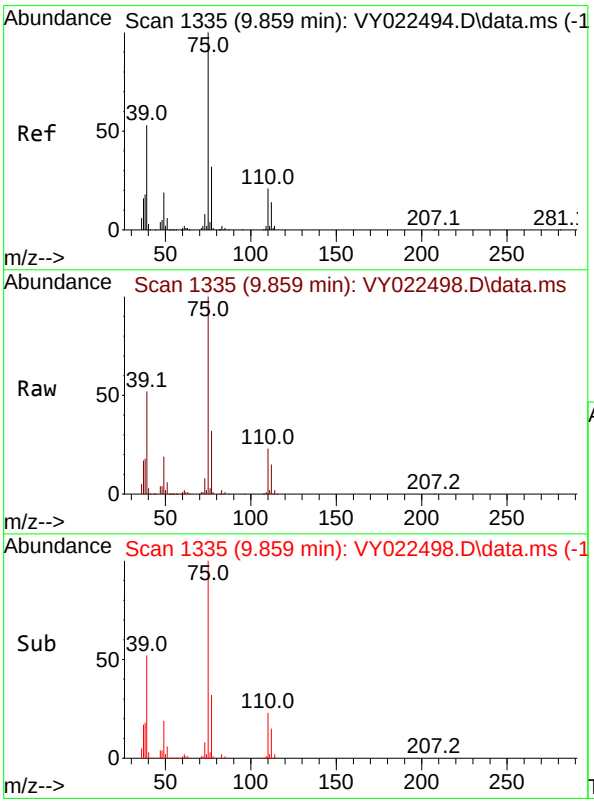
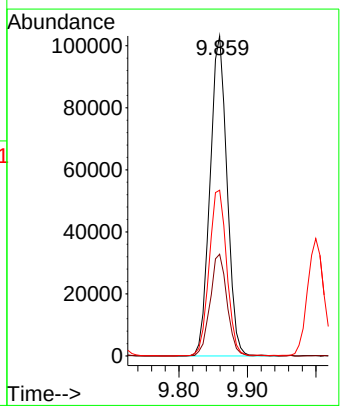
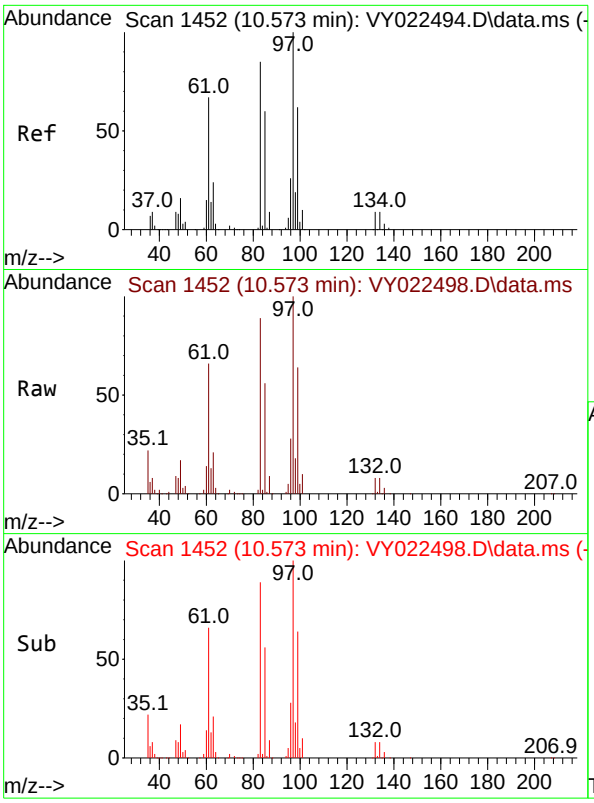


#54
cis-1,3-Dichloropropene
Concen: 46.206 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 177445

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9
39	51.6	42.7	64.1

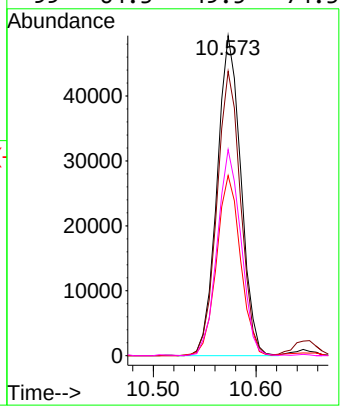




#55
1,1,2-Trichloroethane
Concen: 44.953 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 97 Resp: 7959

Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.1	102.1
85	56.3	48.2	72.2
99	64.3	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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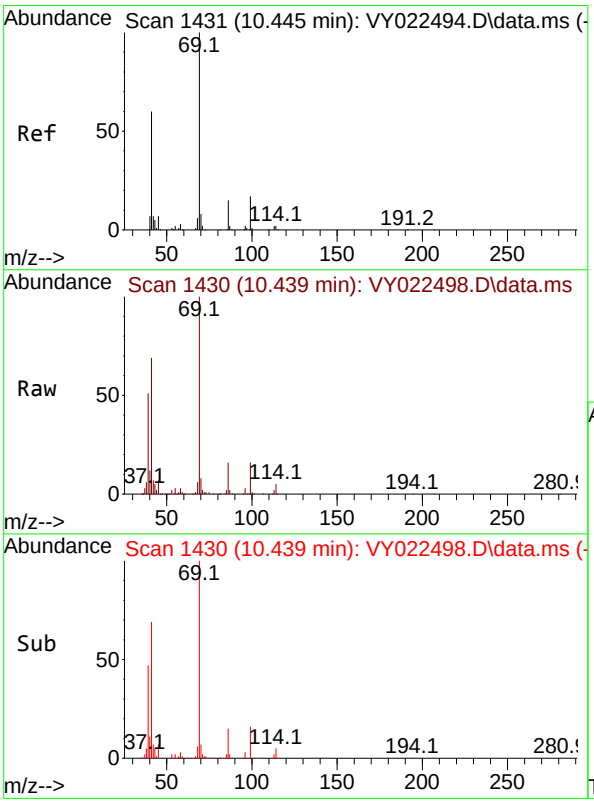
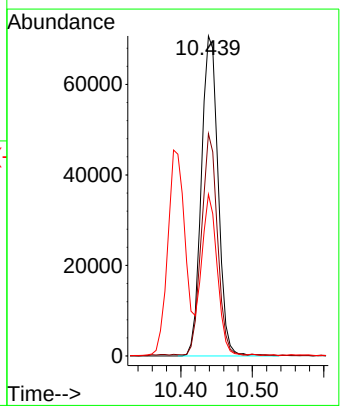
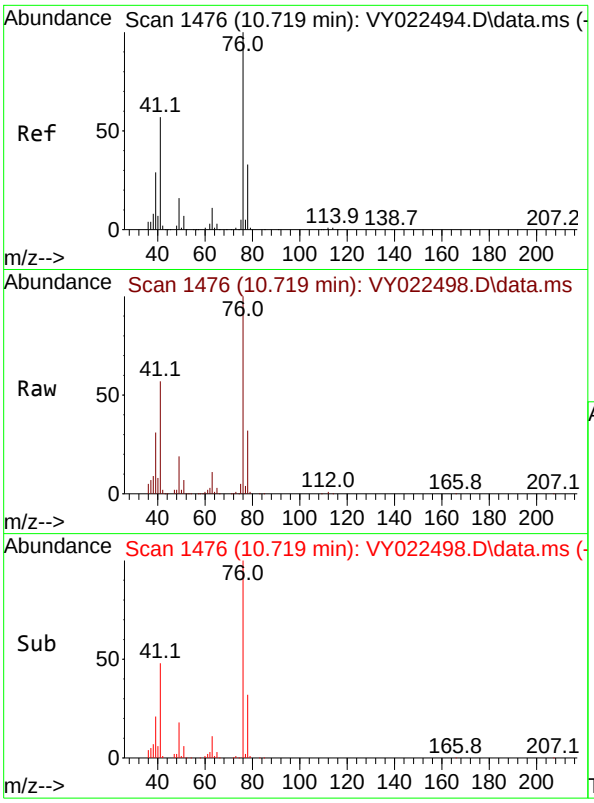


#56
Ethyl methacrylate
Concen: 45.029 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 69 Resp: 115237

Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.2
39	45.6	36.7	55.1

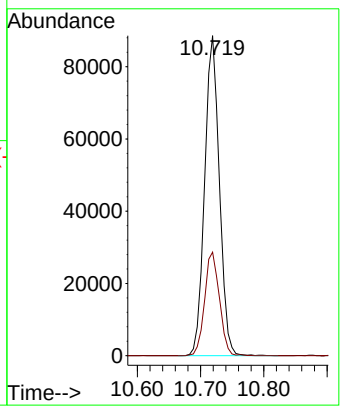




#57
1,3-Dichloropropane
Concen: 45.696 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 76 Resp: 14340

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
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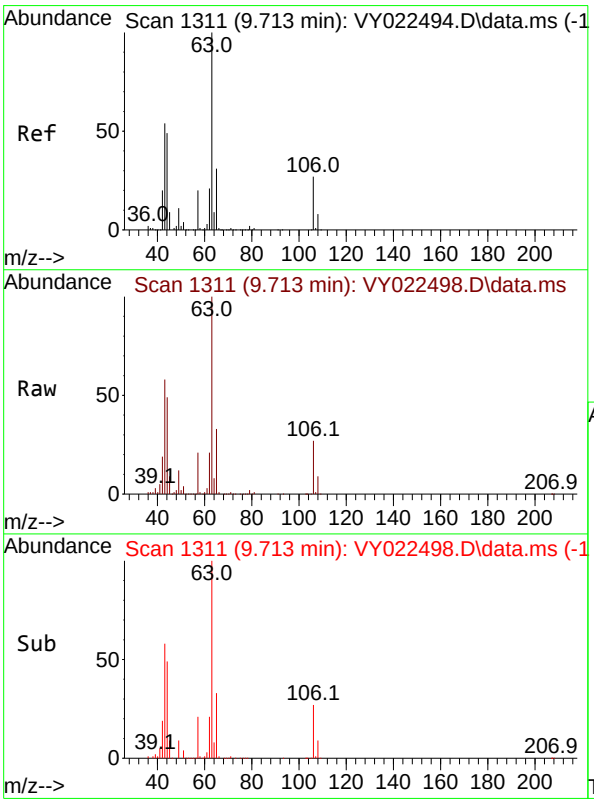
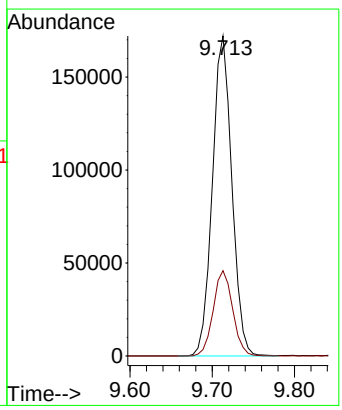
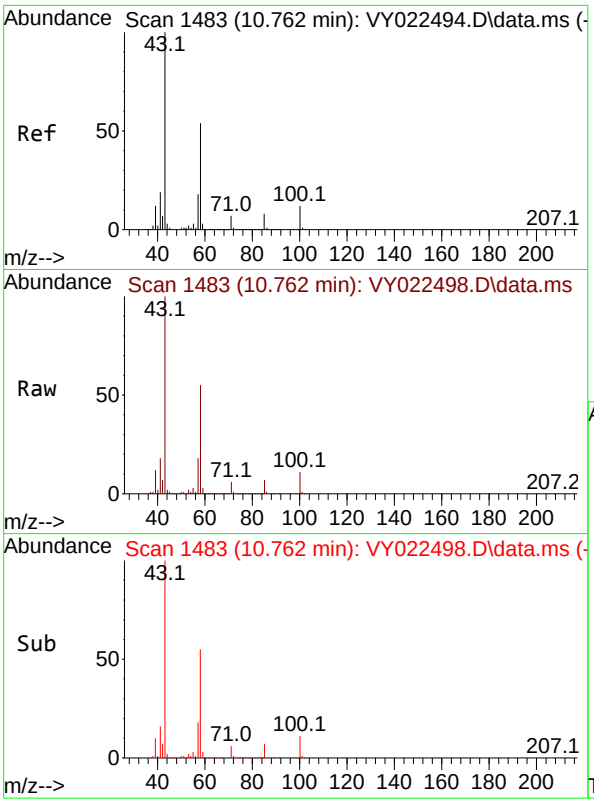


#58
2-Chloroethyl Vinyl ether
Concen: 243.746 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 63 Resp: 283213

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4

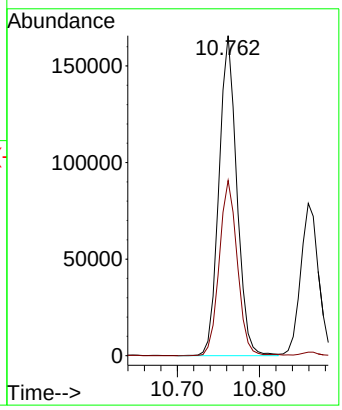




#59
2-Hexanone
Concen: 220.088 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 24992

Ion	Ratio	Lower	Upper
43	100		
58	55.5	27.3	81.8



Instrument :
MSVOA_Y
ClientSampleId :
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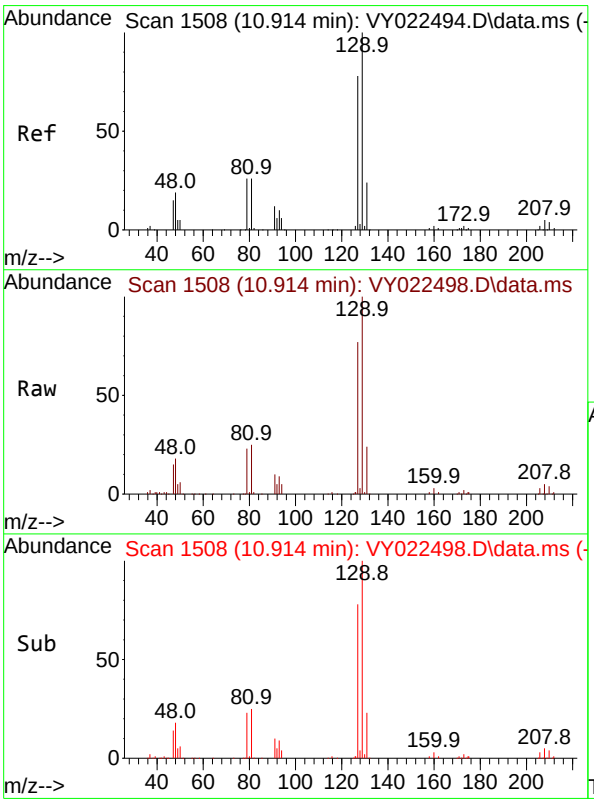
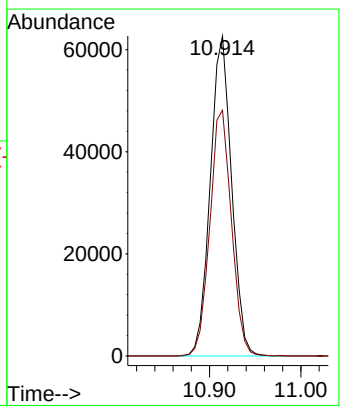
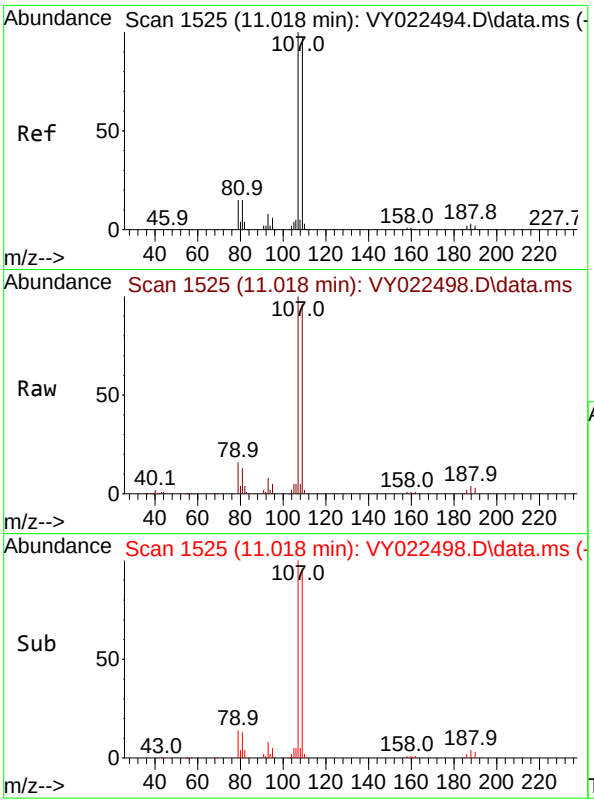


#60
Dibromochloromethane
Concen: 45.114 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:129 Resp: 101515

Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.2

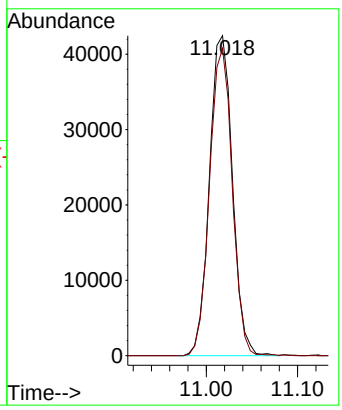




#61
1,2-Dibromoethane
Concen: 45.960 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:107 Resp: 7417

Ion	Ratio	Lower	Upper
107	100		
109	94.5	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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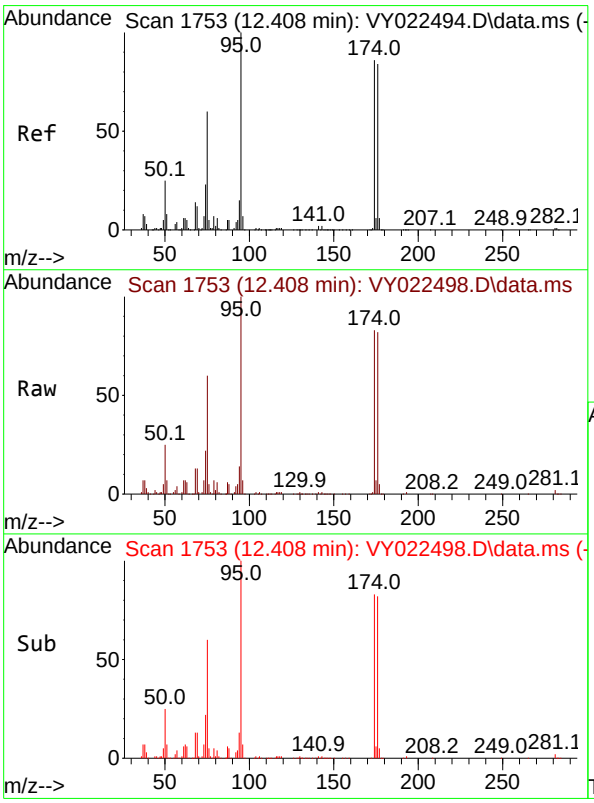
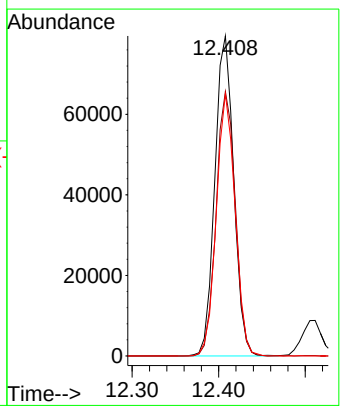
Supervised By :Mahesh Dadoda 06/03/2025

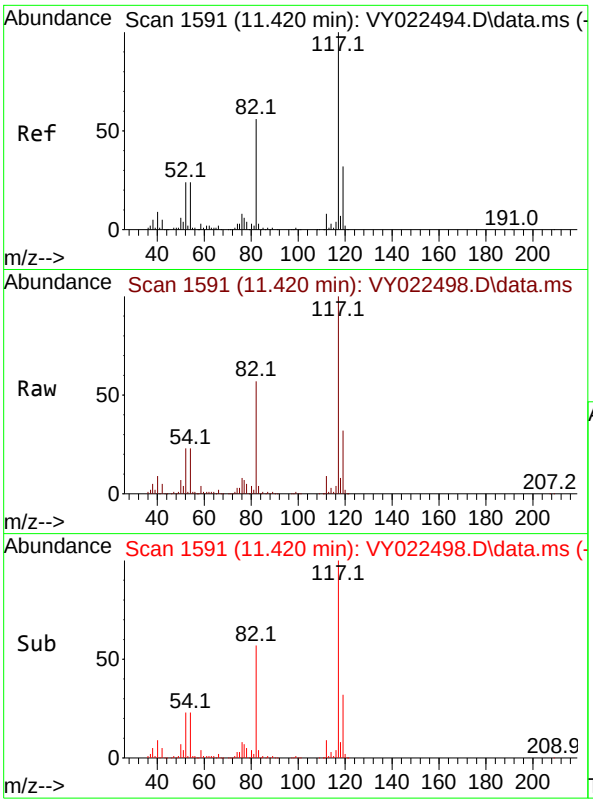


#62
4-Bromofluorobenzene
Concen: 45.847 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 95 Resp: 120253

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	170.0
176	81.5	0.0	166.2

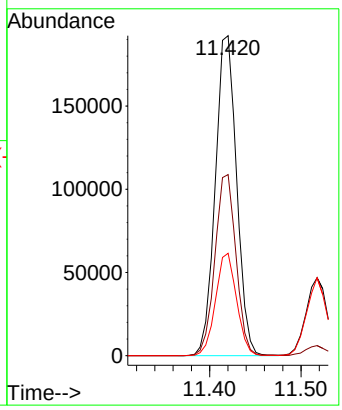




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:117 Resp: 31226

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	66.8
119	32.0	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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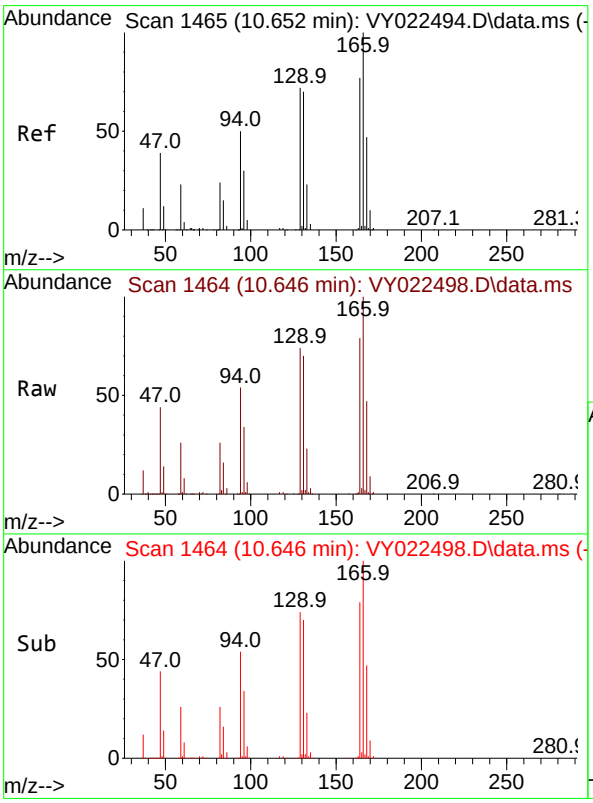
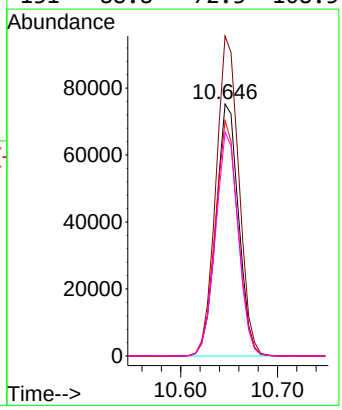
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

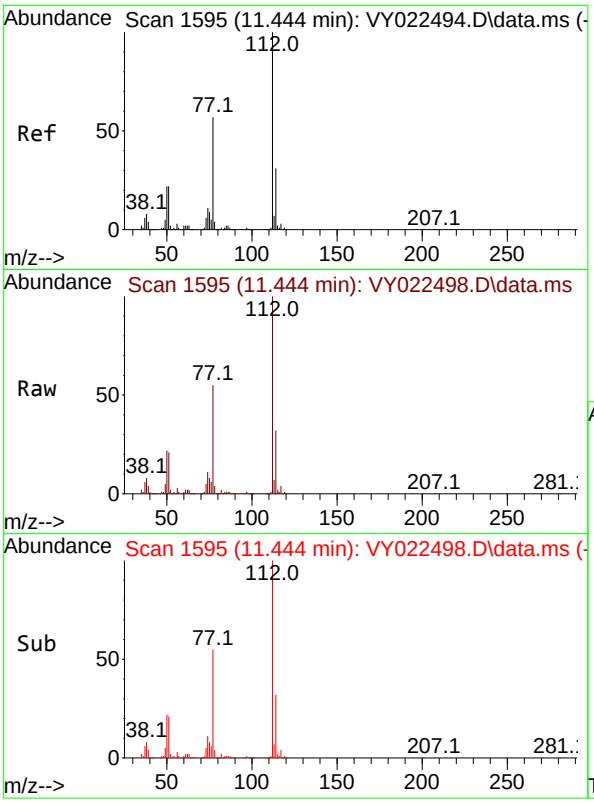


#64
Tetrachloroethene
Concen: 45.398 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:164 Resp: 121944

Ion	Ratio	Lower	Upper
164	100		
166	127.0	104.0	156.0
129	93.4	74.5	111.7
131	88.8	72.3	108.5

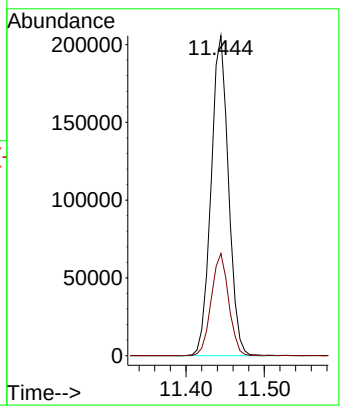




#65
Chlorobenzene
Concen: 45.953 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:112 Resp: 31753

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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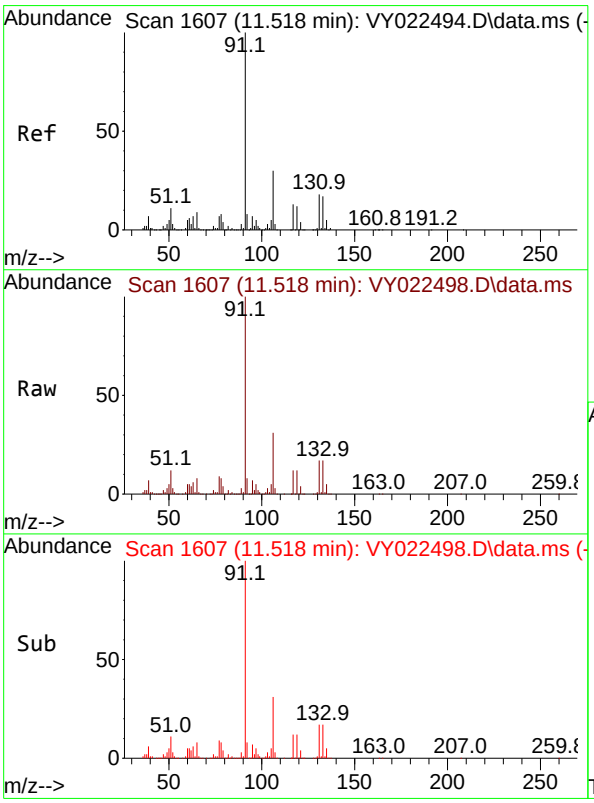
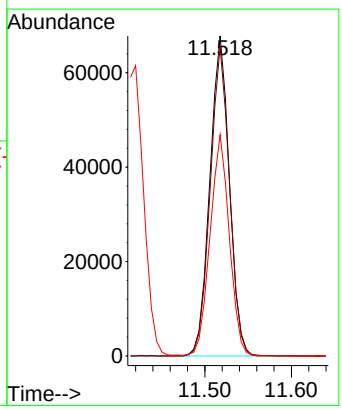
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

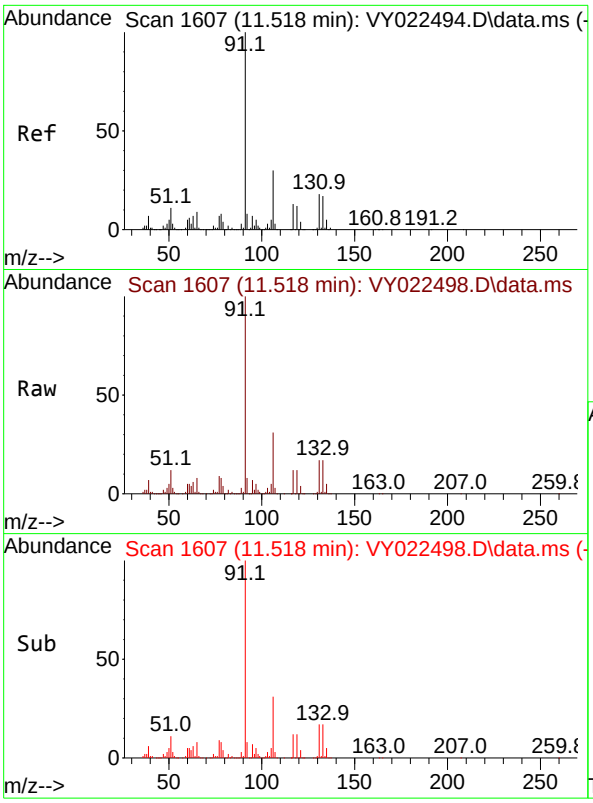


#66
1,1,1,2-Tetrachloroethane
Concen: 45.464 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:131 Resp: 105830

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	141.8
119	68.3	33.1	99.3

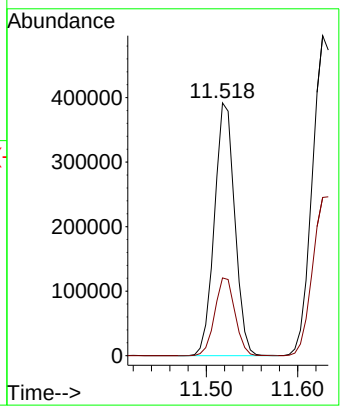




#67
Ethyl Benzene
Concen: 47.248 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 60556

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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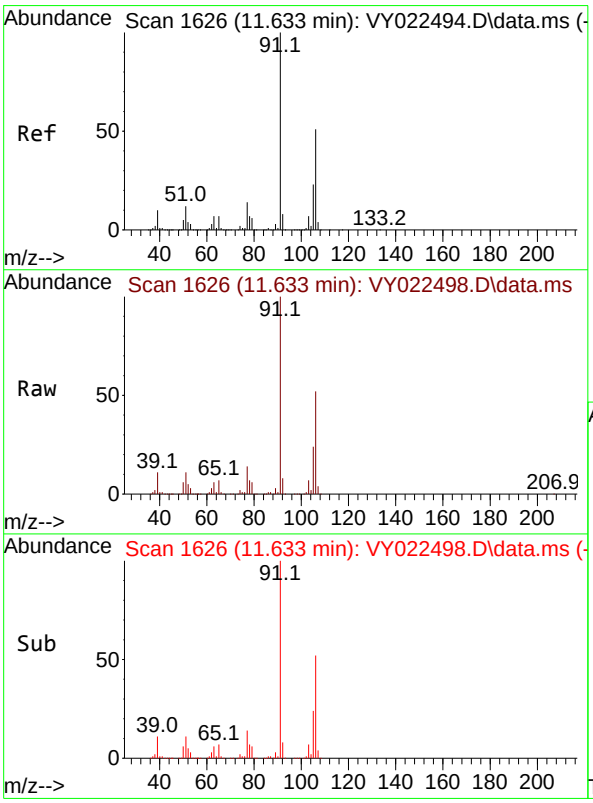
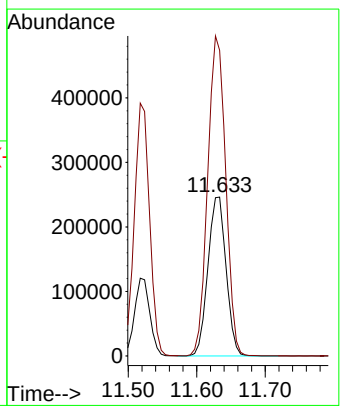
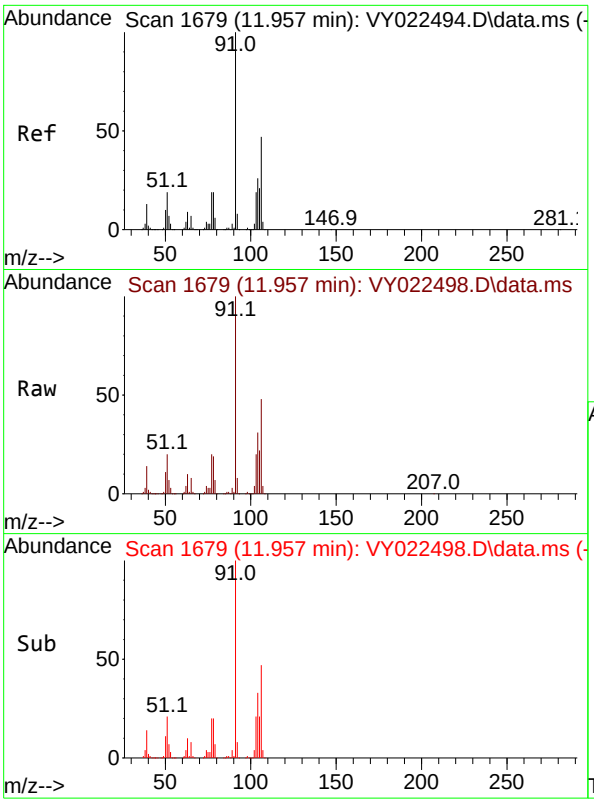


#68
m/p-Xylenes
Concen: 93.473 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:106 Resp: 454148

Ion	Ratio	Lower	Upper
106	100		
91	199.5	159.4	239.0

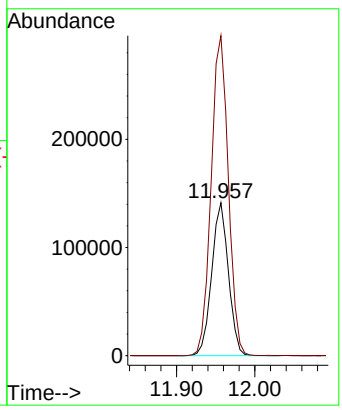




#69
o-Xylene
Concen: 45.959 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:106 Resp: 20935

Ion	Ratio	Lower	Upper
106	100		
91	214.9	105.8	317.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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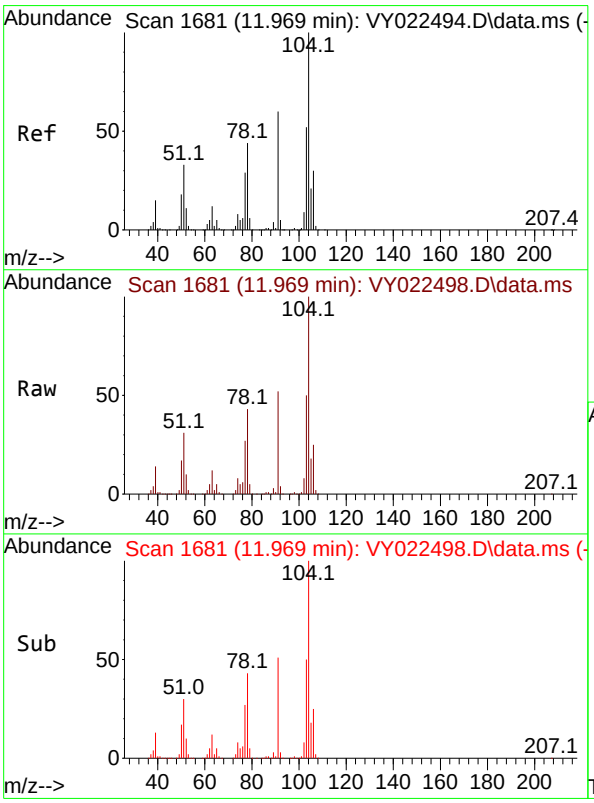
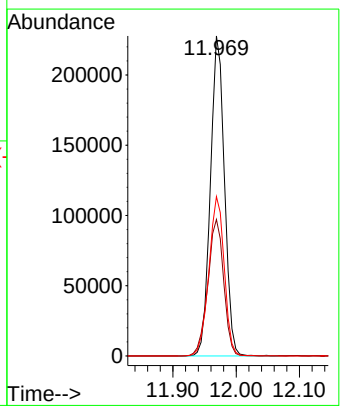
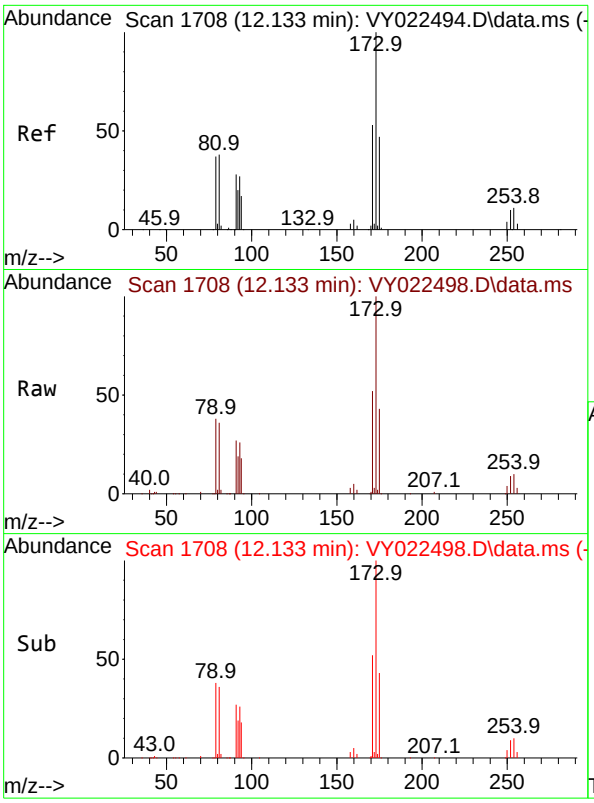


#70
Styrene
Concen: 46.815 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:104 Resp: 352505

Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.5	59.3
103	54.4	44.1	66.1

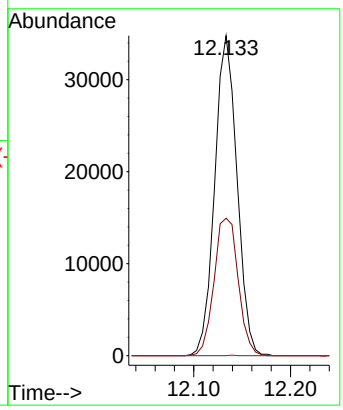




#71
Bromoform
Concen: 44.852 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:173 Resp: 5555

Ion	Ratio	Lower	Upper
173	100		
175	46.5	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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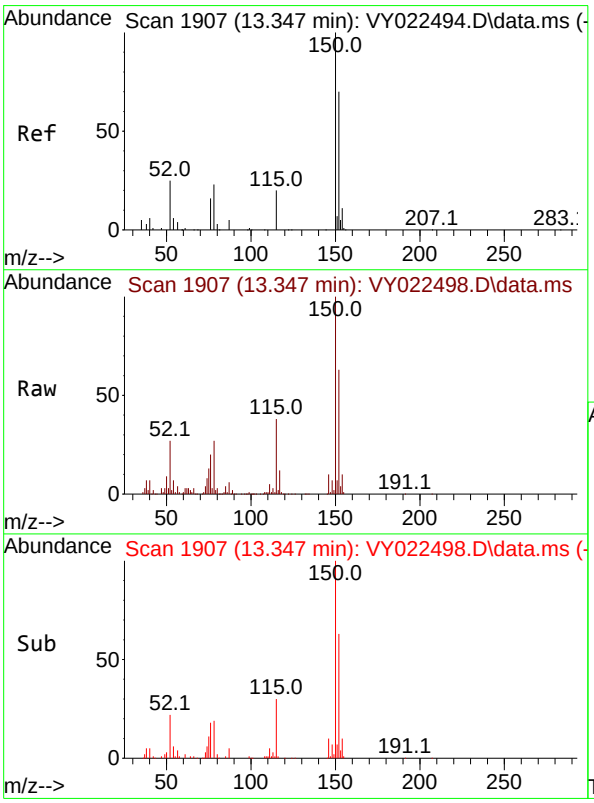
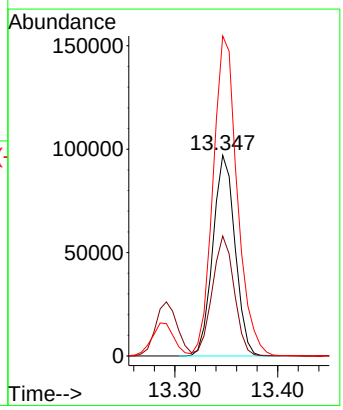
Supervised By :Mahesh Dadoda 06/03/2025

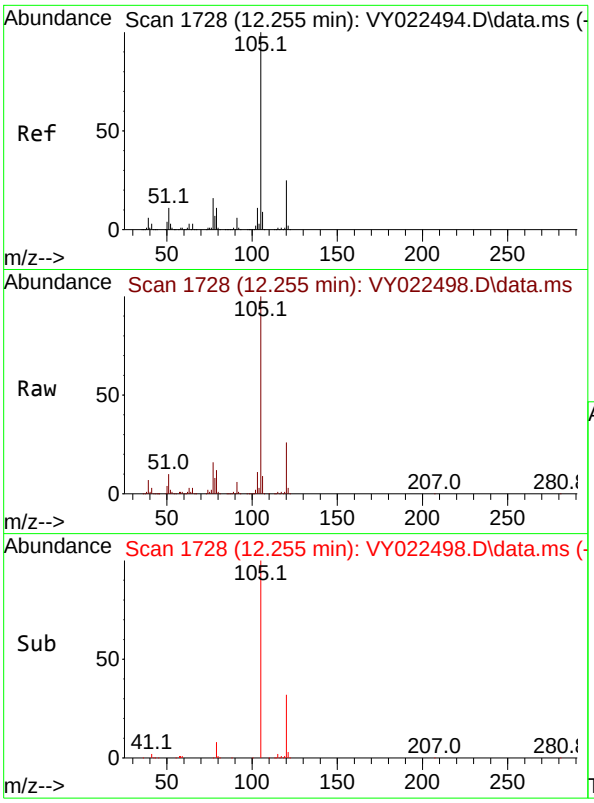


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:152 Resp: 145254

Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.9	86.7
150	174.0	0.0	349.6

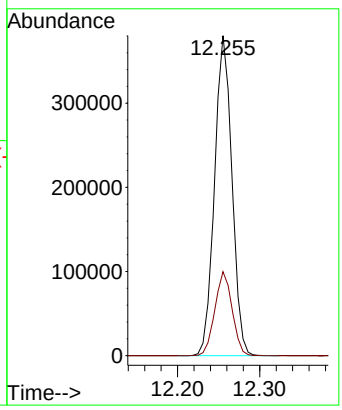




#73
Isopropylbenzene
Concen: 46.933 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 55969

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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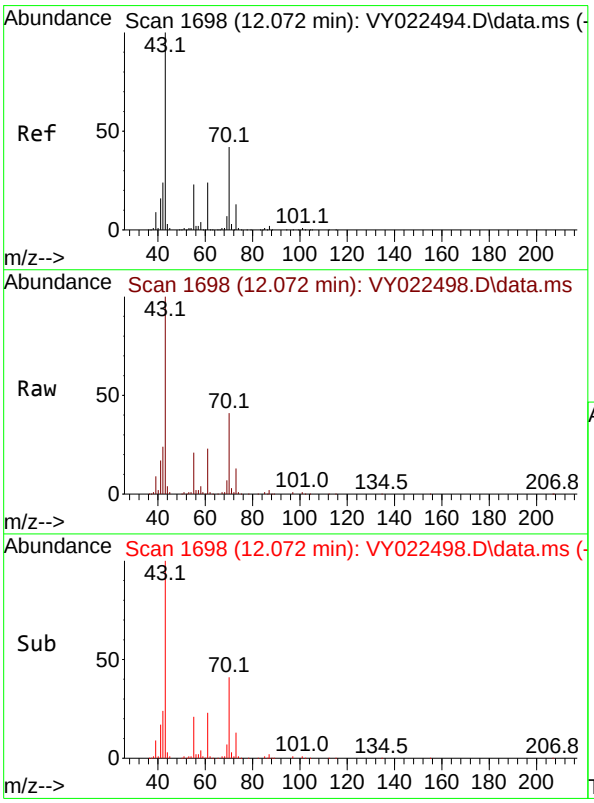
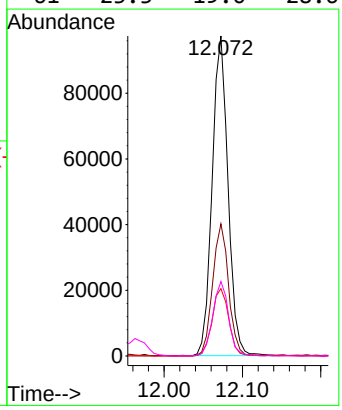
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

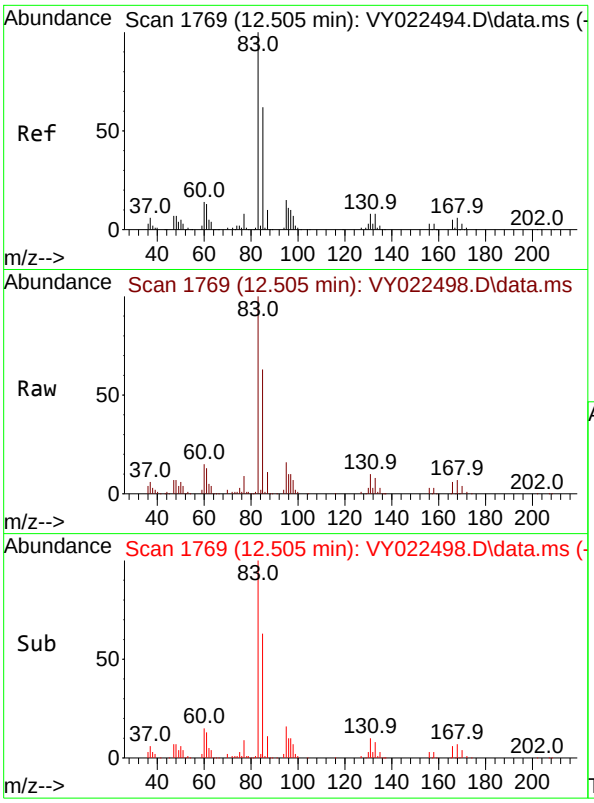


#74
N-amyl acetate
Concen: 45.502 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 136915

Ion	Ratio	Lower	Upper
43	100		
70	41.8	34.2	51.2
55	22.1	18.2	27.4
61	23.3	19.0	28.6

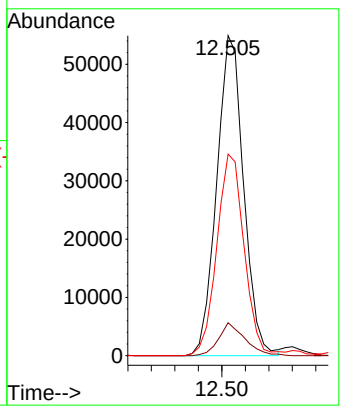




#75
1,1,2,2-Tetrachloroethane
Concen: 44.656 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 83 Resp: 8740

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	64.1	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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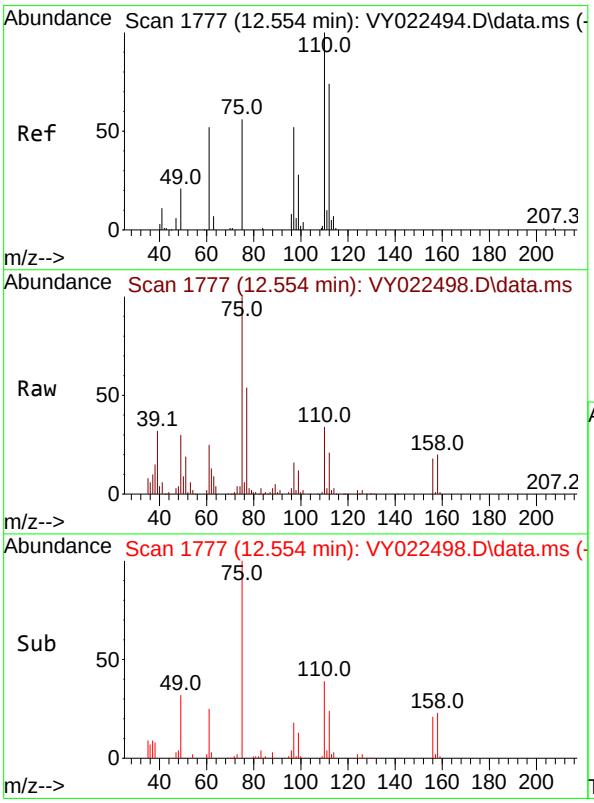
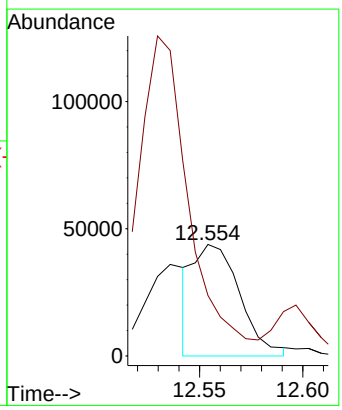
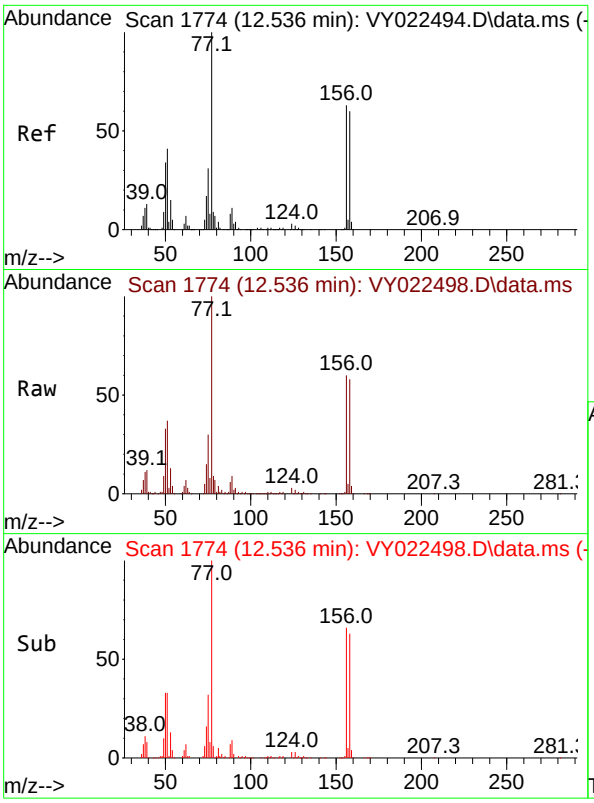


#76
1,2,3-Trichloropropane
Concen: 41.103 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 68304

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

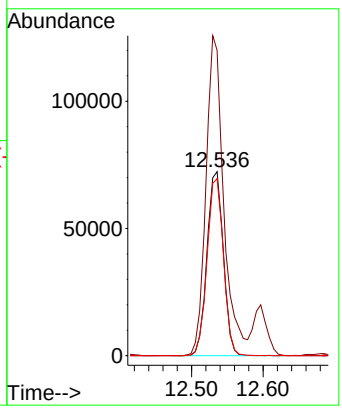




#77
Bromobenzene
Concen: 45.607 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:156 Resp: 11477

Ion	Ratio	Lower	Upper
156	100		
77	189.1	94.0	282.1
158	96.4	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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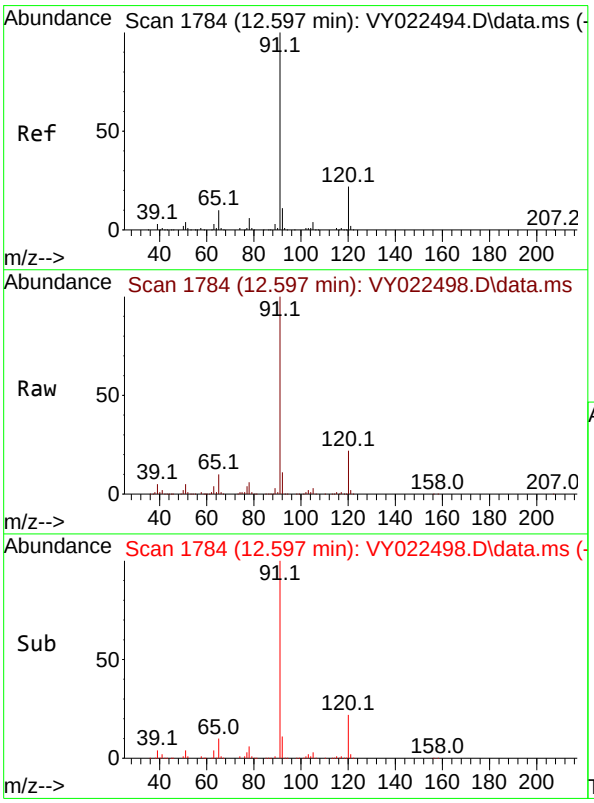
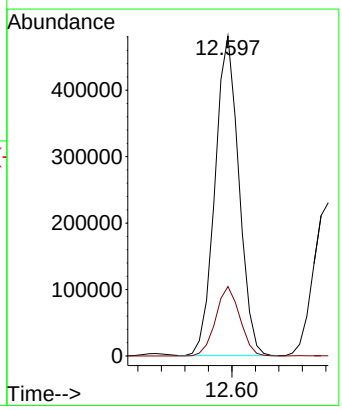
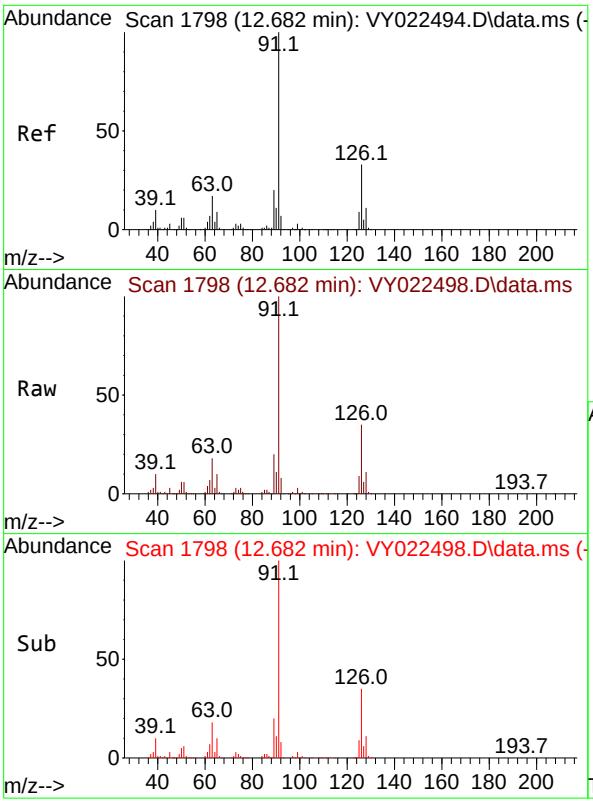


#78
n-propylbenzene
Concen: 46.696 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 680155

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.8	32.4

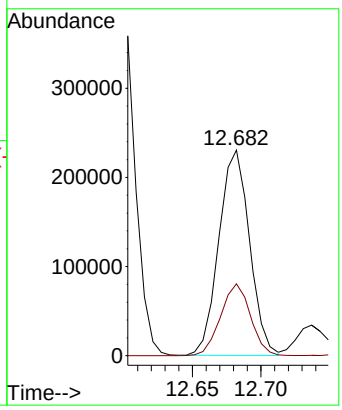




#79
2-Chlorotoluene
Concen: 46.472 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 35875

Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

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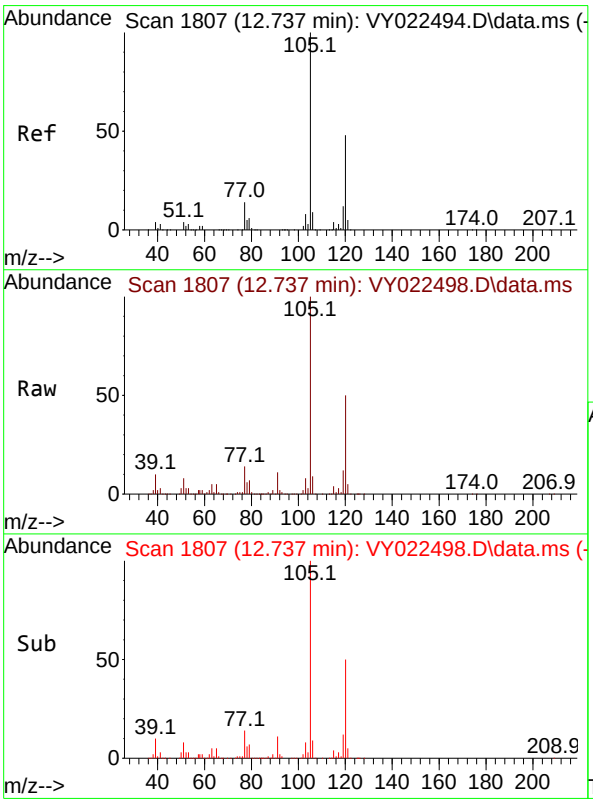
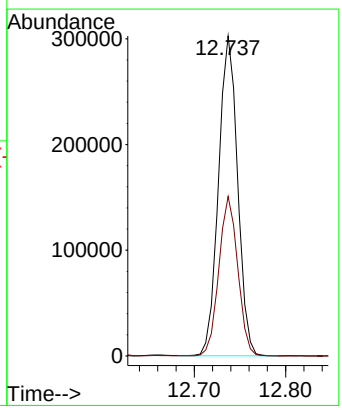
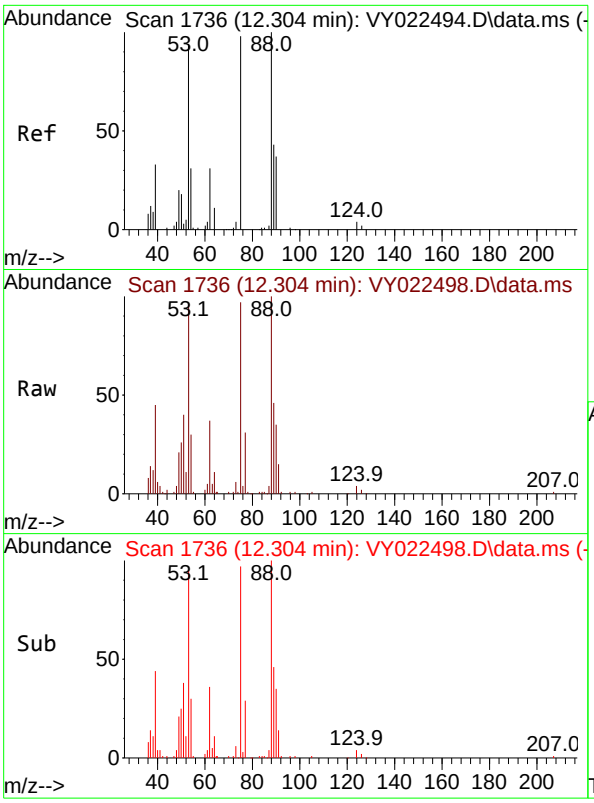


#80
1,3,5-Trimethylbenzene
Concen: 46.876 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 438873

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.1	72.4

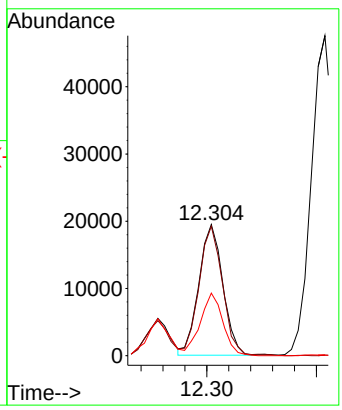




#81
trans-1,4-Dichloro-2-butene
Concen: 42.968 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 2956

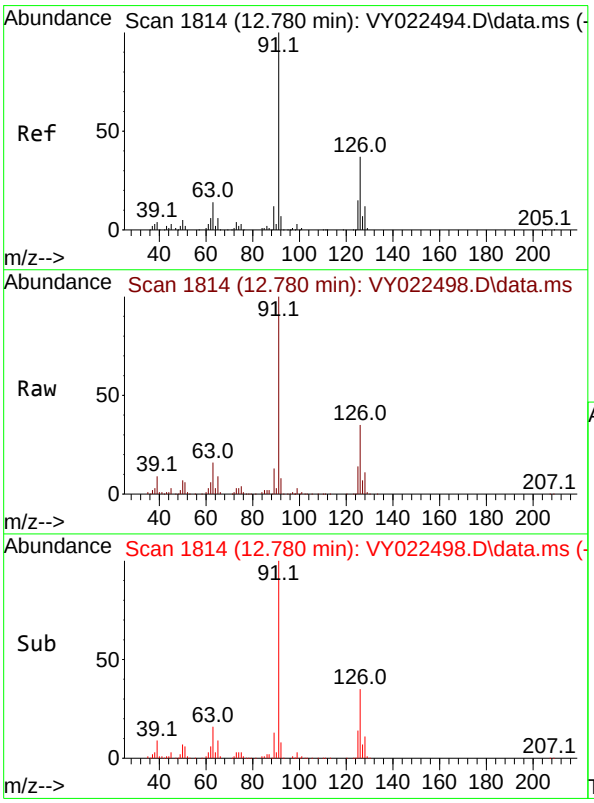
Ion	Ratio	Lower	Upper
75	100		
53	97.8	78.5	117.7
89	44.9	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

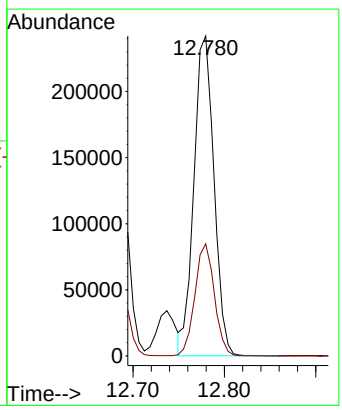
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

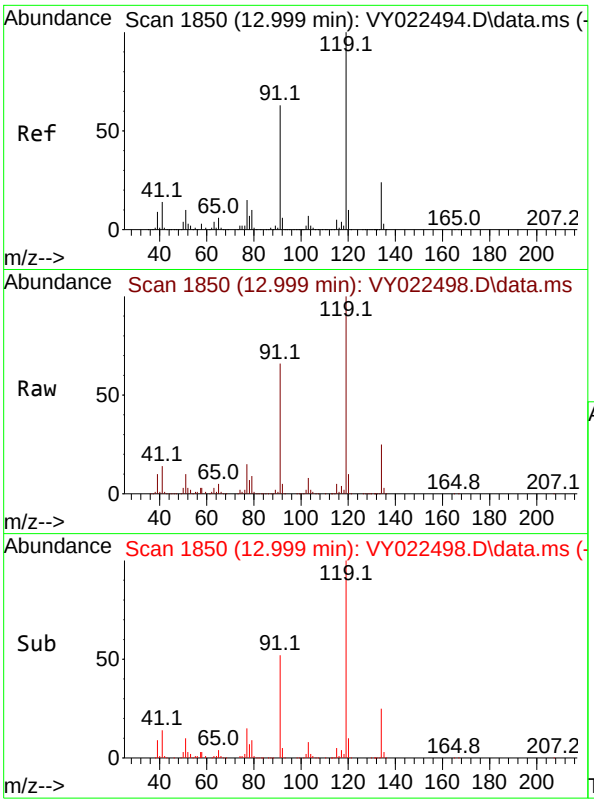


#82
4-Chlorotoluene
Concen: 46.289 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 368631

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9

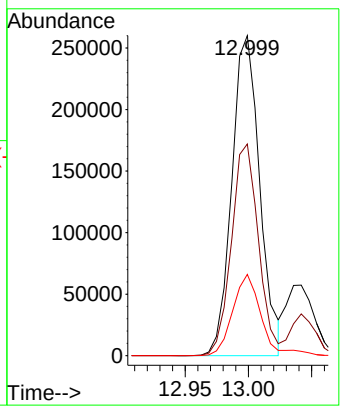




#83
tert-Butylbenzene
Concen: 47.655 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:119 Resp: 40044

Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.1	96.3
134	25.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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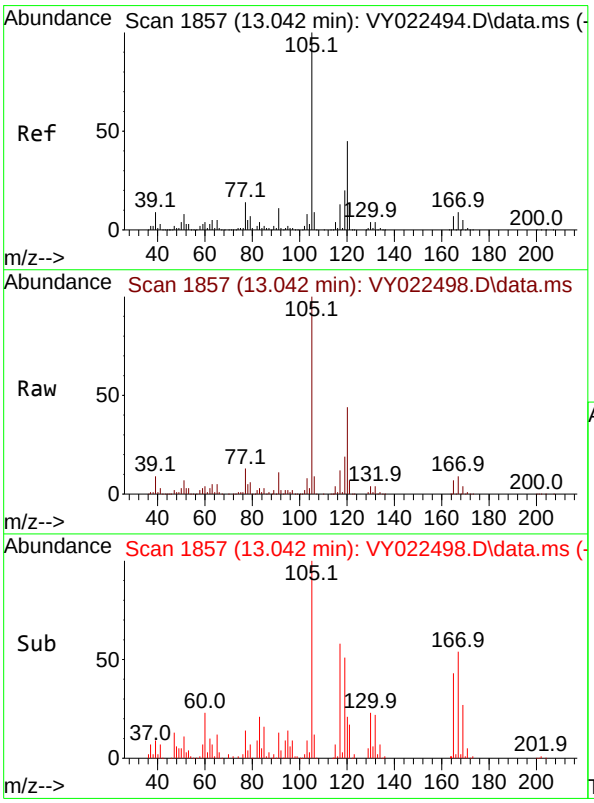
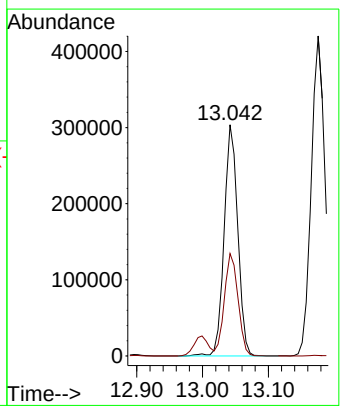
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

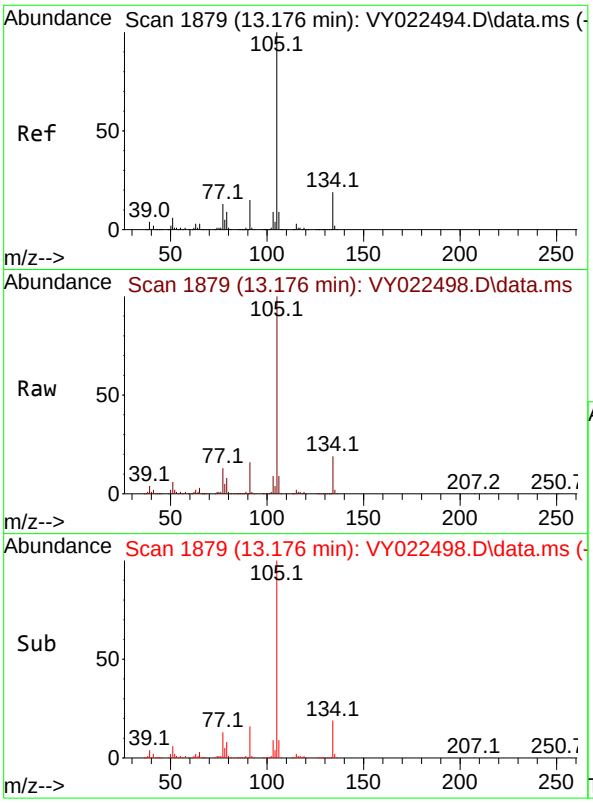


#84
1,2,4-Trimethylbenzene
Concen: 46.735 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 437631

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.7	68.1

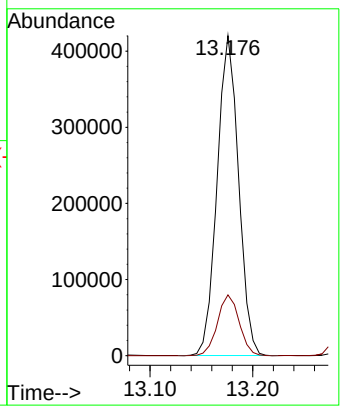




#85
sec-Butylbenzene
Concen: 47.241 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 60796

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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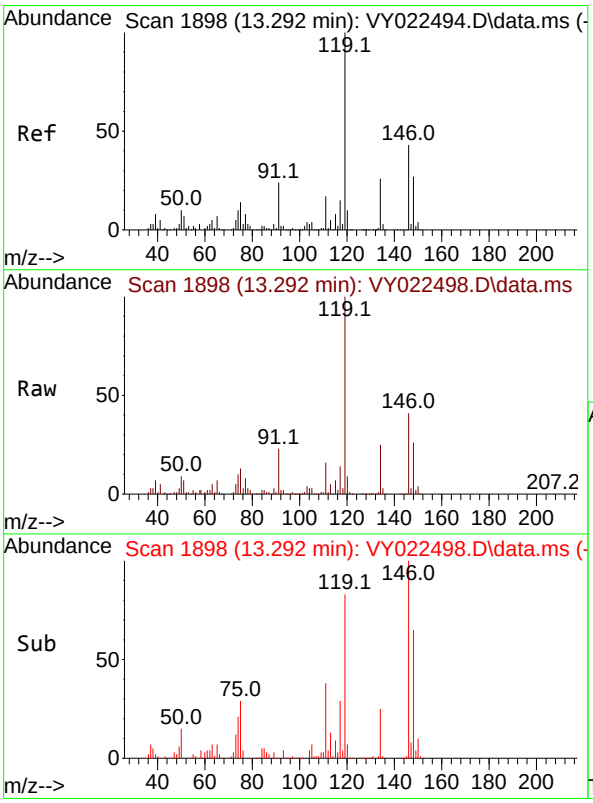
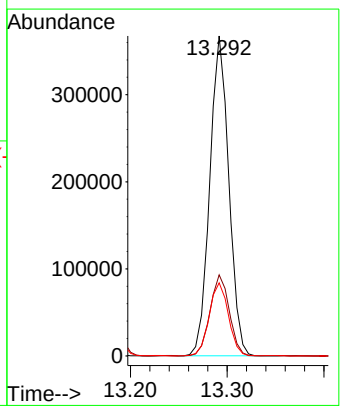
Supervised By :Mahesh Dadoda 06/03/2025

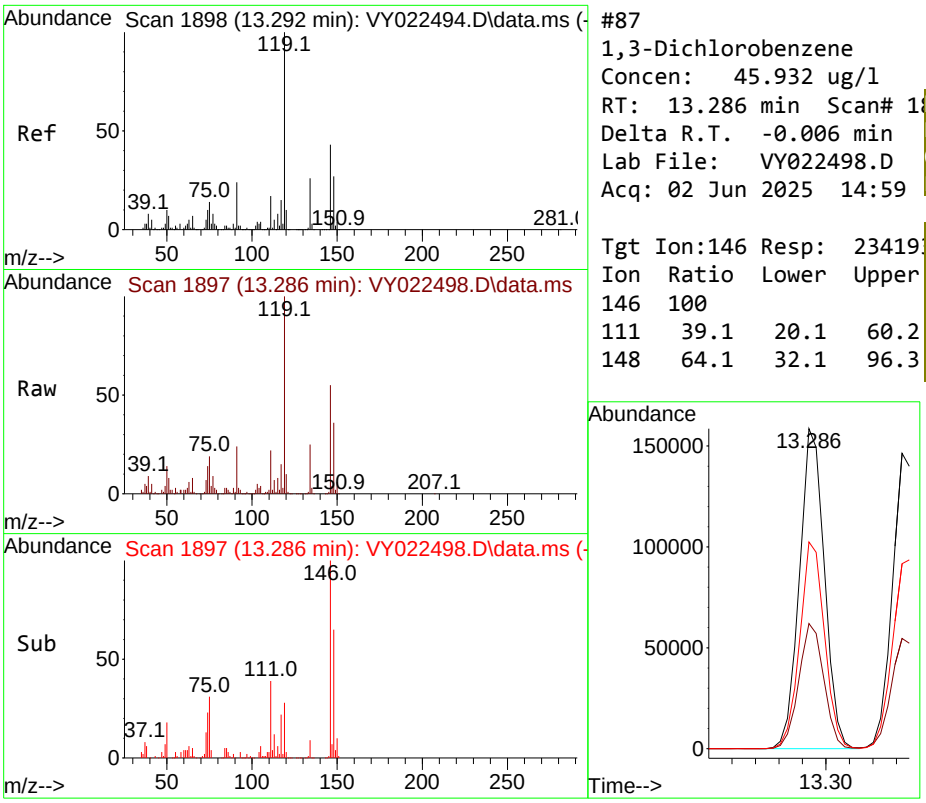


#86
p-Isopropyltoluene
Concen: 47.321 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:119 Resp: 501979

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.1
91	23.0	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 45.932 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

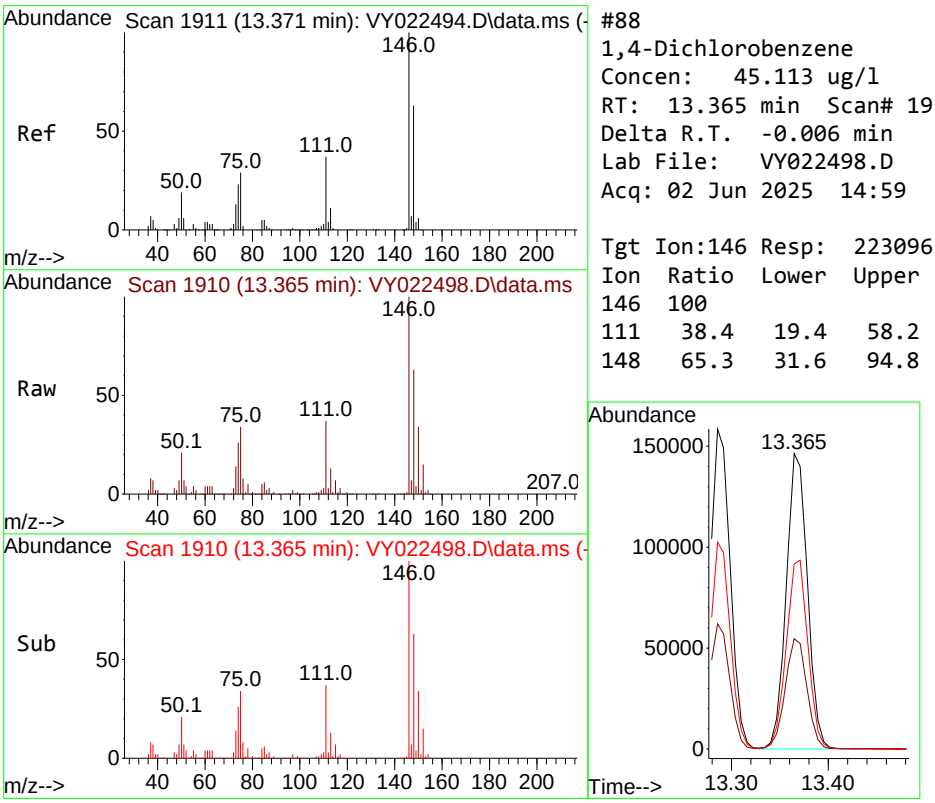
Tgt Ion:146 Resp: 23419

Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.1	60.2
148	64.1	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

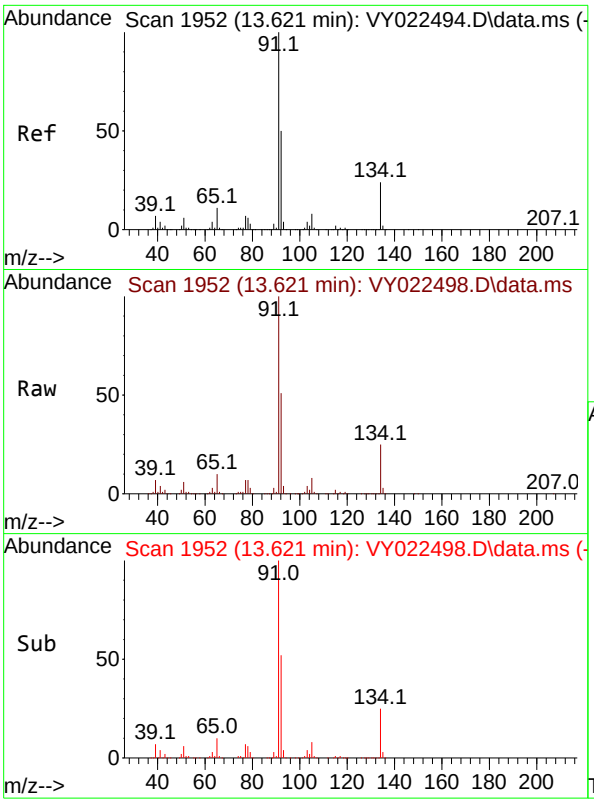
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#88
1,4-Dichlorobenzene
Concen: 45.113 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:146 Resp: 223096

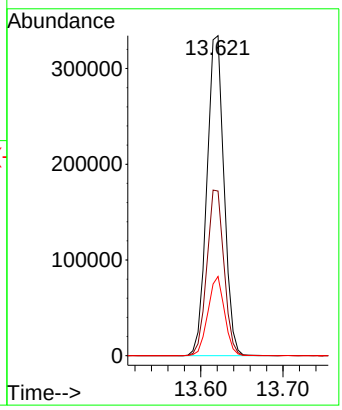
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.2
148	65.3	31.6	94.8



#89
n-Butylbenzene
Concen: 47.968 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 48277

Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	24.1	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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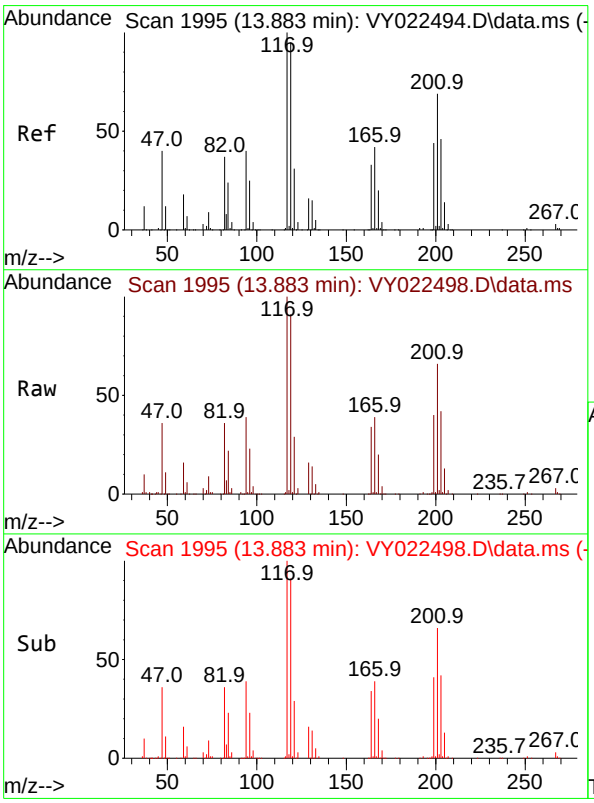
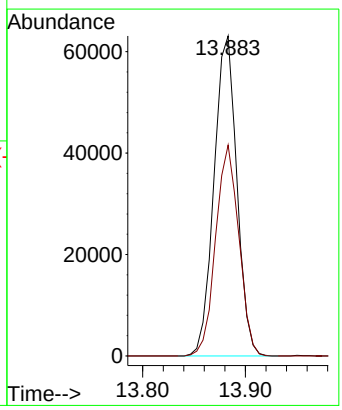
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

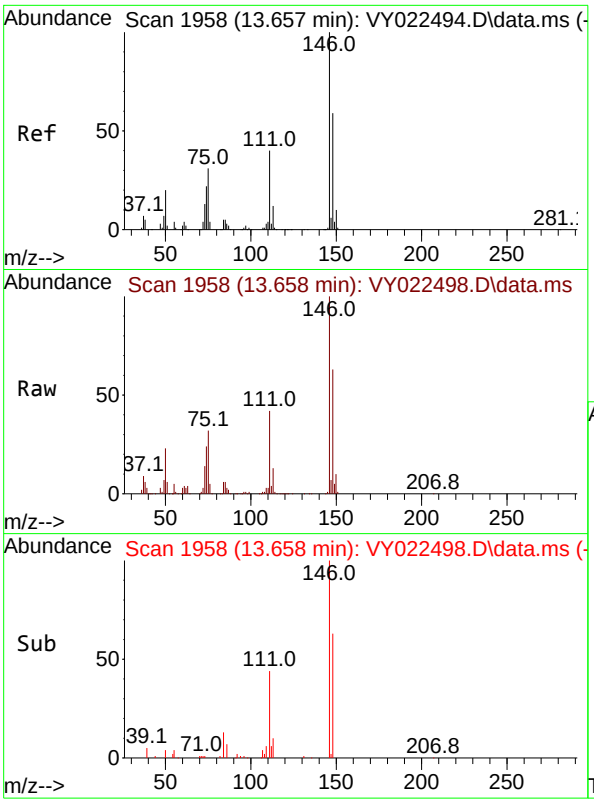


#90
Hexachloroethane
Concen: 47.101 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:117 Resp: 97273

Ion	Ratio	Lower	Upper
117	100		
201	66.8	34.0	102.0

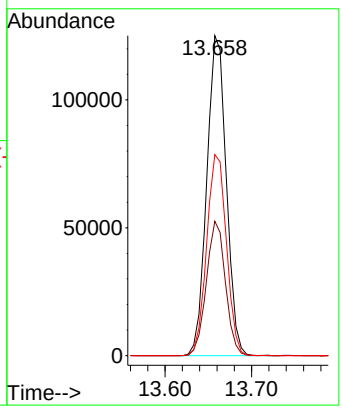




#91
1,2-Dichlorobenzene
Concen: 45.213 ug/l
RT: 13.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:146 Resp: 19572

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.2	60.6
148	63.8	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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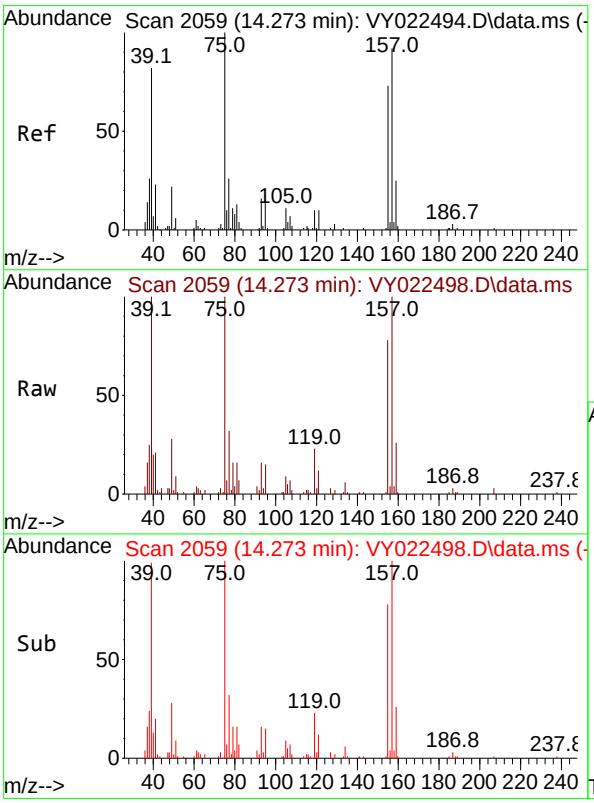
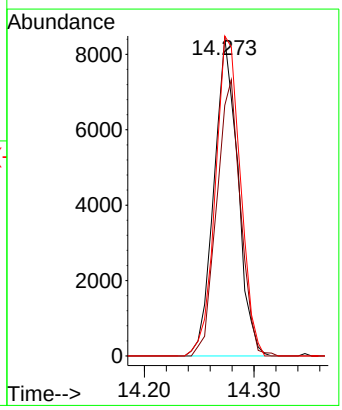
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

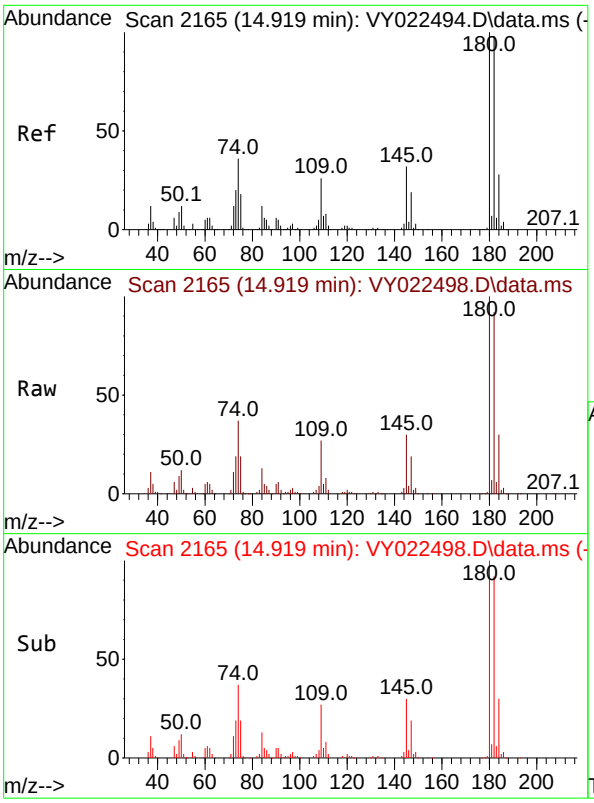


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.665 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 12728

Ion	Ratio	Lower	Upper
75	100		
155	87.1	39.9	119.6
157	105.8	54.0	162.0

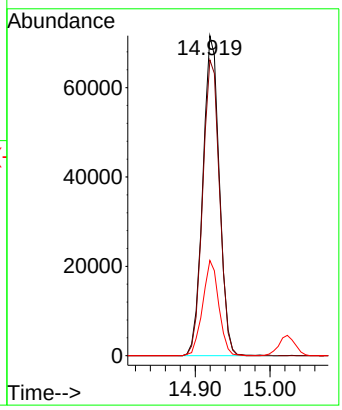




#93
1,2,4-Trichlorobenzene
Concen: 46.481 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:180 Resp: 10974

Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.4	145.3
145	29.1	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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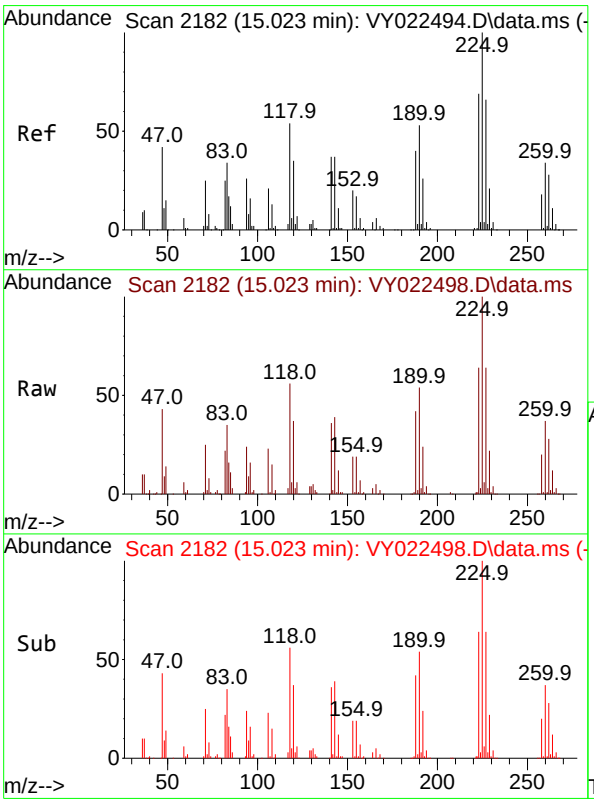
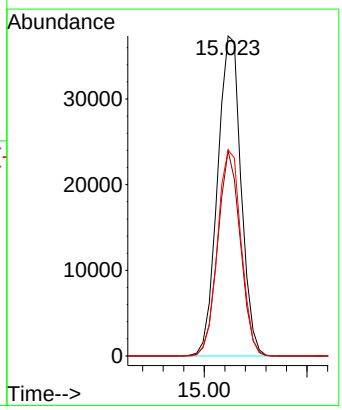
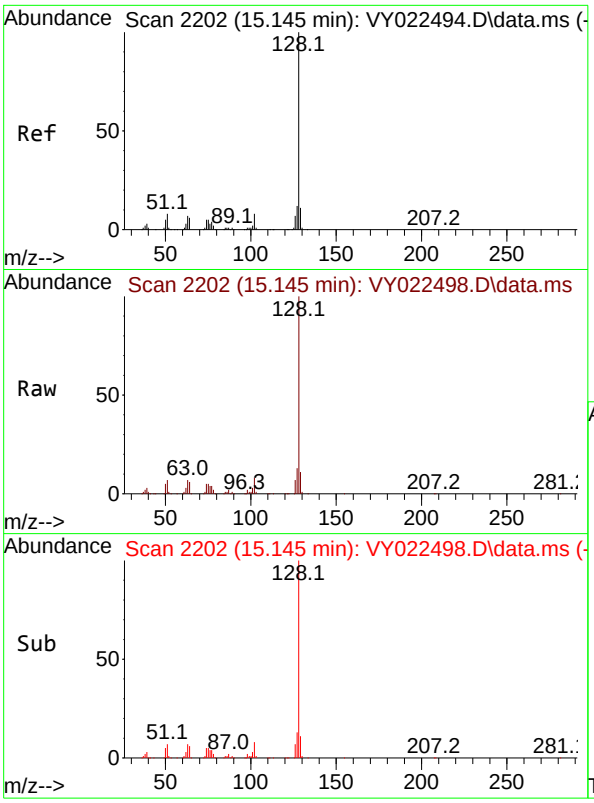


#94
Hexachlorobutadiene
Concen: 45.457 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:225 Resp: 59236

Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.5	97.4
227	64.6	32.3	96.9

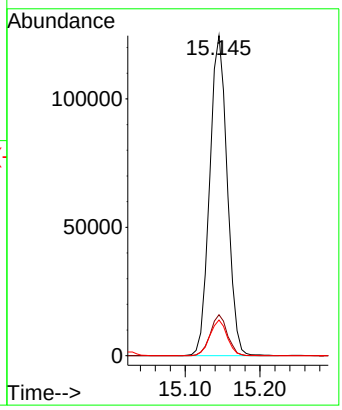




#95
Naphthalene
Concen: 45.009 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:128 Resp: 20392

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	11.0	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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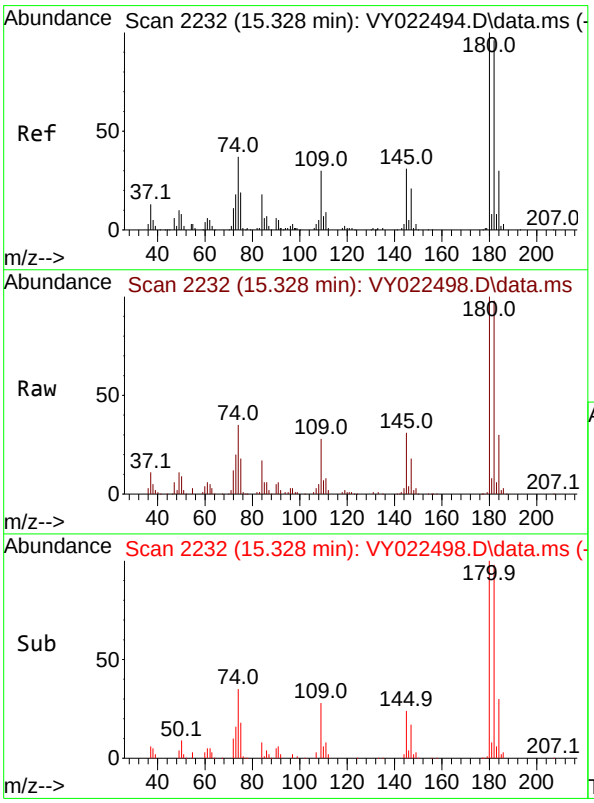
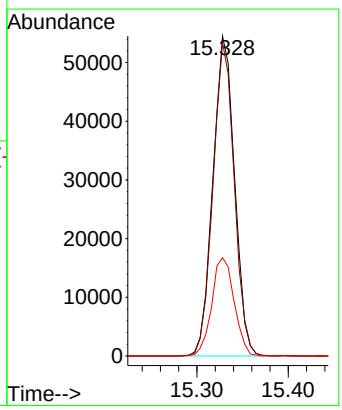
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.331 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:180 Resp: 89699

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.1	141.3
145	31.8	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	104	0.00
2	T	Dichlorodifluoromethane	0.448	0.383	14.5	97	0.00
3	P	Chloromethane	1.322	1.259	4.8	107	0.00
4	C	Vinyl Chloride	1.534	1.475	3.8#	103	0.00
5	T	Bromomethane	1.470	1.250	15.0	105	0.00
6	T	Chloroethane	1.053	0.939	10.8	102	0.00
7	T	Trichlorofluoromethane	1.302	1.237	5.0	105	0.00
8	T	Diethyl Ether	0.293	0.260	11.3	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.549	0.496	9.7	96	0.00
10	T	Methyl Iodide	0.594	0.533	10.3	86	0.00
11	T	Tert butyl alcohol	0.040	0.033	17.5	87	0.00
12	CM	1,1-Dichloroethene	0.524	0.485	7.4#	98	-0.01
13	T	Acrolein	0.050	0.044	12.0	97	0.00
14	T	Allyl chloride	0.823	0.755	8.3	98	0.00
15	T	Acrylonitrile	0.124	0.108	12.9	90	0.00
16	T	Acetone	0.114	0.101	11.4	91	0.00
17	T	Carbon Disulfide	1.679	1.559	7.1	98	0.00
18	T	Methyl Acetate	0.336	0.262	22.0	82	0.00
19	T	Methyl tert-butyl Ether	1.477	1.299	12.1	92	-0.01
20	T	Methylene Chloride	0.645	0.527	18.3	96	0.00
21	T	trans-1,2-Dichloroethene	0.587	0.540	8.0	99	0.00
22	T	Diisopropyl ether	1.832	1.616	11.8	93	0.00
23	T	Vinyl Acetate	1.084	0.971	10.4	94	0.00
24	P	1,1-Dichloroethane	1.079	0.994	7.9	98	0.00
25	T	2-Butanone	0.164	0.145	11.6	90	0.00
26	T	2,2-Dichloropropane	0.954	0.890	6.7	98	0.00
27	T	cis-1,2-Dichloroethene	0.678	0.624	8.0	96	0.00
28	T	Bromochloromethane	0.471	0.438	7.0	101	0.00
29	T	Tetrahydrofuran	0.106	0.089	16.0	89	0.00
30	C	Chloroform	1.069	0.982	8.1#	97	0.00
31	T	Cyclohexane	1.075	0.940	12.6	97	0.00
32	T	1,1,1-Trichloroethane	0.949	0.885	6.7	97	0.00
33	S	1,2-Dichloroethane-d4	0.559	0.487	12.9	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.298	0.279	6.4	90	0.00
36	T	1,1-Dichloropropene	0.484	0.455	6.0	97	0.00
37	T	Ethyl Acetate	0.216	0.188	13.0	85	0.00
38	T	Carbon Tetrachloride	0.497	0.475	4.4	97	0.00
39	T	Methylcyclohexane	0.651	0.611	6.1	97	0.00
40	TM	Benzene	1.431	1.345	6.0	97	0.00
41	T	Methacrylonitrile	0.126	0.109	13.5	91	-0.01
42	TM	1,2-Dichloroethane	0.391	0.357	8.7	95	0.00
43	T	Isopropyl Acetate	0.467	0.412	11.8	90	0.00
44	TM	Trichloroethene	0.350	0.326	6.9	95	0.00
45	C	1,2-Dichloropropane	0.338	0.315	6.8#	95	0.00
46	T	Dibromomethane	0.190	0.177	6.8	95	0.00
47	T	Bromodichloromethane	0.482	0.452	6.2	96	0.00
48	T	Methyl methacrylate	0.219	0.194	11.4	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	88	-0.01
50	S	Toluene-d8	1.206	1.128	6.5	92	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.204	12.4	87	0.00
52	CM	Toluene	0.899	0.848	5.7#	98	0.00
53	T	t-1,3-Dichloropropene	0.452	0.417	7.7	94	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.486	7.6	94	0.00
55	T	1,1,2-Trichloroethane	0.243	0.218	10.3	94	0.00
56	T	Ethyl methacrylate	0.351	0.316	10.0	91	0.00
57	T	1,3-Dichloropropane	0.430	0.393	8.6	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.155	2.5	101	0.00
59	T	2-Hexanone	0.156	0.137	12.2	88	0.00
60	T	Dibromochloromethane	0.308	0.278	9.7	92	0.00
61	T	1,2-Dibromoethane	0.221	0.203	8.1	95	0.00
62	S	4-Bromofluorobenzene	0.359	0.329	8.4	92	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.430	0.391	9.1	94	0.00
65	PM	Chlorobenzene	1.106	1.017	8.0	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.373	0.339	9.1	94	0.00
67	C	Ethyl Benzene	2.052	1.939	5.5#	98	0.00
68	T	m/p-Xylenes	0.778	0.727	6.6	97	0.00
69	T	o-Xylene	0.729	0.670	8.1	96	0.00
70	T	Styrene	1.206	1.129	6.4	96	0.00
71	P	Bromoform	0.198	0.178	10.1	93	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73	T	Isopropylbenzene	4.105	3.853	6.1	97	0.00
74	T	N-amyl acetate	1.036	0.943	9.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	0.674	0.602	10.7	92	0.00
76	T	1,2,3-Trichloropropane	0.572	0.470	17.8	78	0.00
77	T	Bromobenzene	0.866	0.790	8.8	95	0.00
78	T	n-propylbenzene	5.014	4.683	6.6	96	0.00
79	T	2-Chlorotoluene	2.657	2.470	7.0	96	0.00
80	T	1,3,5-Trimethylbenzene	3.223	3.021	6.3	96	0.00
81	T	trans-1,4-Dichloro-2-butene	0.237	0.204	13.9	91	0.00
82	T	4-Chlorotoluene	2.741	2.538	7.4	95	0.00
83	T	tert-Butylbenzene	2.893	2.757	4.7	99	0.00
84	T	1,2,4-Trimethylbenzene	3.223	3.013	6.5	97	0.00
85	T	sec-Butylbenzene	4.430	4.186	5.5	98	0.00
86	T	p-Isopropyltoluene	3.652	3.456	5.4	98	0.00
87	T	1,3-Dichlorobenzene	1.755	1.612	8.1	97	0.00
88	T	1,4-Dichlorobenzene	1.702	1.536	9.8	94	0.00
89	T	n-Butylbenzene	3.464	3.324	4.0	98	0.00
90	T	Hexachloroethane	0.711	0.670	5.8	97	0.00
91	T	1,2-Dichlorobenzene	1.490	1.347	9.6	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.098	0.088	10.2	87	0.00
93	T	1,2,4-Trichlorobenzene	0.813	0.756	7.0	96	0.00
94	T	Hexachlorobutadiene	0.449	0.408	9.1	95	0.00
95	T	Naphthalene	1.560	1.404	10.0	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.618	11.3	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	104	0.00
2	T	Dichlorodifluoromethane	50.000	42.825	14.3	97	0.00
3	P	Chloromethane	50.000	47.616	4.8	107	0.00
4	C	Vinyl Chloride	50.000	48.066	3.9#	103	0.00
5	T	Bromomethane	50.000	42.515	15.0	105	0.00
6	T	Chloroethane	50.000	44.575	10.8	102	0.00
7	T	Trichlorofluoromethane	50.000	47.475	5.0	105	0.00
8	T	Diethyl Ether	50.000	44.247	11.5	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.230	9.5	96	0.00
10	T	Methyl Iodide	50.000	44.885	10.2	86	0.00
11	T	Tert butyl alcohol	250.000	205.761	17.7	87	0.00
12	CM	1,1-Dichloroethene	50.000	46.234	7.5#	98	-0.01
13	T	Acrolein	250.000	223.473	10.6	97	0.00
14	T	Allyl chloride	50.000	45.834	8.3	98	0.00
15	T	Acrylonitrile	250.000	216.963	13.2	90	0.00
16	T	Acetone	250.000	221.854	11.3	91	0.00
17	T	Carbon Disulfide	50.000	46.432	7.1	98	0.00
18	T	Methyl Acetate	50.000	38.935	22.1	82	0.00
19	T	Methyl tert-butyl Ether	50.000	43.974	12.1	92	-0.01
20	T	Methylene Chloride	50.000	40.875	18.3	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.024	8.0	99	0.00
22	T	Diisopropyl ether	50.000	44.104	11.8	93	0.00
23	T	Vinyl Acetate	250.000	223.951	10.4	94	0.00
24	P	1,1-Dichloroethane	50.000	46.053	7.9	98	0.00
25	T	2-Butanone	250.000	220.736	11.7	90	0.00
26	T	2,2-Dichloropropane	50.000	46.639	6.7	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.024	8.0	96	0.00
28	T	Bromochloromethane	50.000	46.547	6.9	101	0.00
29	T	Tetrahydrofuran	250.000	211.767	15.3	89	0.00
30	C	Chloroform	50.000	45.919	8.2#	97	0.00
31	T	Cyclohexane	50.000	43.757	12.5	97	0.00
32	T	1,1,1-Trichloroethane	50.000	46.627	6.7	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.538	12.9	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	46.676	6.6	90	0.00
36	T	1,1-Dichloropropene	50.000	46.978	6.0	97	0.00
37	T	Ethyl Acetate	50.000	43.605	12.8	85	0.00
38	T	Carbon Tetrachloride	50.000	47.747	4.5	97	0.00
39	T	Methylcyclohexane	50.000	46.923	6.2	97	0.00
40	TM	Benzene	50.000	47.020	6.0	97	0.00
41	T	Methacrylonitrile	50.000	43.134	13.7	91	-0.01
42	TM	1,2-Dichloroethane	50.000	45.644	8.7	95	0.00
43	T	Isopropyl Acetate	50.000	44.122	11.8	90	0.00
44	TM	Trichloroethene	50.000	46.609	6.8	95	0.00
45	C	1,2-Dichloropropane	50.000	46.587	6.8#	95	0.00
46	T	Dibromomethane	50.000	46.430	7.1	95	0.00
47	T	Bromodichloromethane	50.000	46.825	6.3	96	0.00
48	T	Methyl methacrylate	50.000	44.198	11.6	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	816.553	18.3	88	-0.01
50	S	Toluene-d8	50.000	46.760	6.5	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	219.250	12.3	87	0.00
52	CM	Toluene	50.000	47.137	5.7#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	46.094	7.8	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.206	7.6	94	0.00
55	T	1,1,2-Trichloroethane	50.000	44.953	10.1	94	0.00
56	T	Ethyl methacrylate	50.000	45.029	9.9	91	0.00
57	T	1,3-Dichloropropane	50.000	45.696	8.6	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	243.746	2.5	101	0.00
59	T	2-Hexanone	250.000	220.088	12.0	88	0.00
60	T	Dibromochloromethane	50.000	45.114	9.8	92	0.00
61	T	1,2-Dibromoethane	50.000	45.960	8.1	95	0.00
62	S	4-Bromofluorobenzene	50.000	45.847	8.3	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	45.398	9.2	94	0.00
65	PM	Chlorobenzene	50.000	45.953	8.1	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.464	9.1	94	0.00
67	C	Ethyl Benzene	50.000	47.248	5.5#	98	0.00
68	T	m/p-Xylenes	100.000	93.473	6.5	97	0.00
69	T	o-Xylene	50.000	45.959	8.1	96	0.00
70	T	Styrene	50.000	46.815	6.4	96	0.00
71	P	Bromoform	50.000	44.852	10.3	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	46.933	6.1	97	0.00
74	T	N-amyl acetate	50.000	45.502	9.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.656	10.7	92	0.00
76	T	1,2,3-Trichloropropane	50.000	41.103	17.8	78	0.00
77	T	Bromobenzene	50.000	45.607	8.8	95	0.00
78	T	n-propylbenzene	50.000	46.696	6.6	96	0.00
79	T	2-Chlorotoluene	50.000	46.472	7.1	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.876	6.2	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.968	14.1	91	0.00
82	T	4-Chlorotoluene	50.000	46.289	7.4	95	0.00
83	T	tert-Butylbenzene	50.000	47.655	4.7	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.735	6.5	97	0.00
85	T	sec-Butylbenzene	50.000	47.241	5.5	98	0.00
86	T	p-Isopropyltoluene	50.000	47.321	5.4	98	0.00
87	T	1,3-Dichlorobenzene	50.000	45.932	8.1	97	0.00
88	T	1,4-Dichlorobenzene	50.000	45.113	9.8	94	0.00
89	T	n-Butylbenzene	50.000	47.968	4.1	98	0.00
90	T	Hexachloroethane	50.000	47.101	5.8	97	0.00
91	T	1,2-Dichlorobenzene	50.000	45.213	9.6	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.665	10.7	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.481	7.0	96	0.00
94	T	Hexachlorobutadiene	50.000	45.457	9.1	95	0.00
95	T	Naphthalene	50.000	45.009	10.0	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.331	11.3	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_N Calibration Date/Time: 06/10/2025 09:13

Lab File ID: VN086913.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.644	0.552	0.1	-14.29	20
Vinyl Chloride	0.664	0.653		-1.66	20
Bromomethane	0.372	0.358		-3.76	20
Chloroethane	0.429	0.421		-1.87	20
Trichlorofluoromethane	0.868	0.848		-2.3	20
1,1,2-Trichlorotrifluoroethane	0.545	0.530		-2.75	20
1,1-Dichloroethene	0.557	0.548		-1.62	20
Acetone	0.355	0.348		-1.97	20
Carbon Disulfide	1.539	1.428		-7.21	20
Methyl tert-butyl Ether	2.015	1.999		-0.79	20
Methylene Chloride	0.665	0.617		-7.22	20
trans-1,2-Dichloroethene	0.619	0.587		-5.17	20
1,1-Dichloroethane	1.120	1.079	0.1	-3.66	20
2-Butanone	0.577	0.493		-14.56	20
Carbon Tetrachloride	0.433	0.429		-0.92	20
cis-1,2-Dichloroethene	0.740	0.721		-2.57	20
Chloroform	1.118	1.053		-5.81	20
1,1,1-Trichloroethane	0.951	0.894		-5.99	20
Methylcyclohexane	0.605	0.523		-13.55	20
Benzene	1.444	1.400		-3.05	20
1,2-Dichloroethane	0.438	0.426		-2.74	20
Trichloroethene	0.342	0.345		0.88	20
1,2-Dichloropropane	0.351	0.344		-1.99	20
Bromodichloromethane	0.480	0.479		-0.21	20
4-Methyl-2-Pentanone	0.543	0.513		-5.53	20
Toluene	0.882	0.871		-1.25	20
t-1,3-Dichloropropene	0.537	0.556		3.54	20
cis-1,3-Dichloropropene	0.574	0.592		3.14	20
1,1,2-Trichloroethane	0.340	0.338		-0.59	20
2-Hexanone	0.350	0.339		-3.14	20
Dibromochloromethane	0.354	0.363		2.54	20
Tetrachloroethene	0.316	0.308		-2.53	20
Chlorobenzene	1.103	1.117	0.3	1.27	20
Ethyl Benzene	1.900	1.844		-2.95	20
m/p-Xylenes	0.727	0.727		0	20
o-Xylene	0.696	0.714		2.59	20
Styrene	1.192	1.232		3.36	20
Bromoform	0.263	0.287	0.1	9.13	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_N Calibration Date/Time: 06/10/2025 09:13

Lab File ID: VN086913.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	3.643	3.637		-0.19	20
1,1,2,2-Tetrachloroethane	1.234	1.268	0.3	2.76	20
1,3-Dichlorobenzene	1.644	1.678		2.07	20
1,4-Dichlorobenzene	1.676	1.702		1.55	20
1,2-Dichlorobenzene	1.579	1.605		1.65	20
1,2-Dichloroethane-d4	0.669	0.613		-8.37	20
Dibromofluoromethane	0.296	0.301		1.69	20
Toluene-d8	1.173	1.153		-1.71	20
4-Bromofluorobenzene	0.436	0.420		-3.67	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	239452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	422119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	362285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146800	45.789	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.580%			
35) Dibromofluoromethane	8.171	113	127253	50.869	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	10.565	98	486698	49.146	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.300%			
62) 4-Bromofluorobenzene	12.847	95	177087	48.131	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	120199	50.345	ug/l	98
3) Chloromethane	2.395	50	132091	42.845	ug/l	99
4) Vinyl Chloride	2.554	62	156438	49.190	ug/l	98
5) Bromomethane	2.989	94	85611	48.104	ug/l	96
6) Chloroethane	3.154	64	100888	49.111	ug/l	96
7) Trichlorofluoromethane	3.530	101	203113	48.882	ug/l	99
8) Diethyl Ether	3.983	74	90847	50.181	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.395	101	126828	48.583	ug/l	98
10) Methyl Iodide	4.612	142	142941	42.239	ug/l	99
11) Tert butyl alcohol	5.536	59	177401	203.929	ug/l	99
12) 1,1-Dichloroethene	4.371	96	131127	49.200	ug/l	96
13) Acrolein	4.195	56	63063	229.021	ug/l	98
14) Allyl chloride	5.048	41	197016	44.573	ug/l	96
15) Acrylonitrile	5.736	53	467151	229.750	ug/l	100
16) Acetone	4.442	43	416888	245.204	ug/l	100
17) Carbon Disulfide	4.736	76	341962	46.386	ug/l	99
18) Methyl Acetate	5.042	43	225420	45.497	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	478684	49.605	ug/l	99
20) Methylene Chloride	5.295	84	147723	46.410	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	140464	47.370	ug/l	97
22) Diisopropyl ether	6.683	45	439557	47.178	ug/l	98
23) Vinyl Acetate	6.618	43	1865051	236.925	ug/l	98
24) 1,1-Dichloroethane	6.589	63	258382	48.190	ug/l	100
25) 2-Butanone	7.489	43	590344	213.617	ug/l	96
26) 2,2-Dichloropropane	7.500	77	225847	54.150	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	172582	48.666	ug/l	99
28) Bromochloromethane	7.824	49	113231	42.951	ug/l	92
29) Tetrahydrofuran	7.847	42	389154	216.165	ug/l	96
30) Chloroform	7.977	83	252183	47.097	ug/l	99
31) Cyclohexane	8.265	56	217182	41.767	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	214121	47.016	ug/l	98
36) 1,1-Dichloropropene	8.377	75	184378	49.463	ug/l	99
37) Ethyl Acetate	7.571	43	220517	46.471	ug/l	98
38) Carbon Tetrachloride	8.371	117	181026	49.466	ug/l	99
39) Methylcyclohexane	9.606	83	220974	43.269	ug/l	93
40) Benzene	8.612	78	591102	48.493	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.783	41	120605	45.256 ug/l	93
42) 1,2-Dichloroethane	8.677	62	179943	48.671 ug/l	100
43) Isopropyl Acetate	8.694	43	350324	45.998 ug/l	97
44) Trichloroethene	9.359	130	145683	50.404 ug/l	96
45) 1,2-Dichloropropane	9.624	63	145320	49.004 ug/l	100
46) Dibromomethane	9.712	93	99996	50.766 ug/l	99
47) Bromodichloromethane	9.888	83	202301	49.918 ug/l	99
48) Methyl methacrylate	9.683	41	159853	45.601 ug/l	96
49) 1,4-Dioxane	9.700	88	56947	892.983 ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	1081942	235.975 ug/l	97
52) Toluene	10.630	92	367587	49.345 ug/l	98
53) t-1,3-Dichloropropene	10.835	75	234554	51.759 ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	249744	51.506 ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	142700	49.785 ug/l	98
56) Ethyl methacrylate	10.877	69	248574	54.447 ug/l	93
57) 1,3-Dichloropropane	11.165	76	244911	49.255 ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	665707	244.474 ug/l	97
59) 2-Hexanone	11.200	43	715095	242.131 ug/l	93
60) Dibromochloromethane	11.359	129	153400	51.366 ug/l	99
61) 1,2-Dibromoethane	11.471	107	147800	50.307 ug/l	97
64) Tetrachloroethene	11.106	164	111601	48.675 ug/l	97
65) Chlorobenzene	11.888	112	404797	50.661 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	132787	51.699 ug/l	99
67) Ethyl Benzene	11.965	91	668179	48.548 ug/l	99
68) m/p-Xylenes	12.071	106	526722	99.975 ug/l	99
69) o-Xylene	12.394	106	258839	51.297 ug/l	95
70) Styrene	12.412	104	446437	51.704 ug/l	99
71) Bromoform	12.576	173	104086	54.693 ug/l #	100
73) Isopropylbenzene	12.694	105	621794	49.917 ug/l	99
74) N-amyl acetate	12.506	43	231590	53.204 ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	216753	51.363 ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	182840m	44.986 ug/l	
77) Bromobenzene	12.976	156	154418	54.054 ug/l	97
78) n-propylbenzene	13.035	91	736021	48.621 ug/l	98
79) 2-Chlorotoluene	13.124	91	443618	48.865 ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	505593	49.161 ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	91865m	52.029 ug/l	
82) 4-Chlorotoluene	13.218	91	463176	50.423 ug/l	99
83) tert-Butylbenzene	13.435	119	440956	46.840 ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	509675	49.422 ug/l	98
85) sec-Butylbenzene	13.612	105	629702	46.060 ug/l	99
86) p-Isopropyltoluene	13.729	119	535293	47.367 ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	286869	51.039 ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	290947	50.774 ug/l	100
89) n-Butylbenzene	14.053	91	485793	44.380 ug/l	99
90) Hexachloroethane	14.329	117	92000	48.027 ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	274399	50.816 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	47339	46.906 ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	156993	45.529 ug/l	99
94) Hexachlorobutadiene	15.500	225	48622	37.848 ug/l	95
95) Naphthalene	15.635	128	625189	48.711 ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	146962	42.897 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

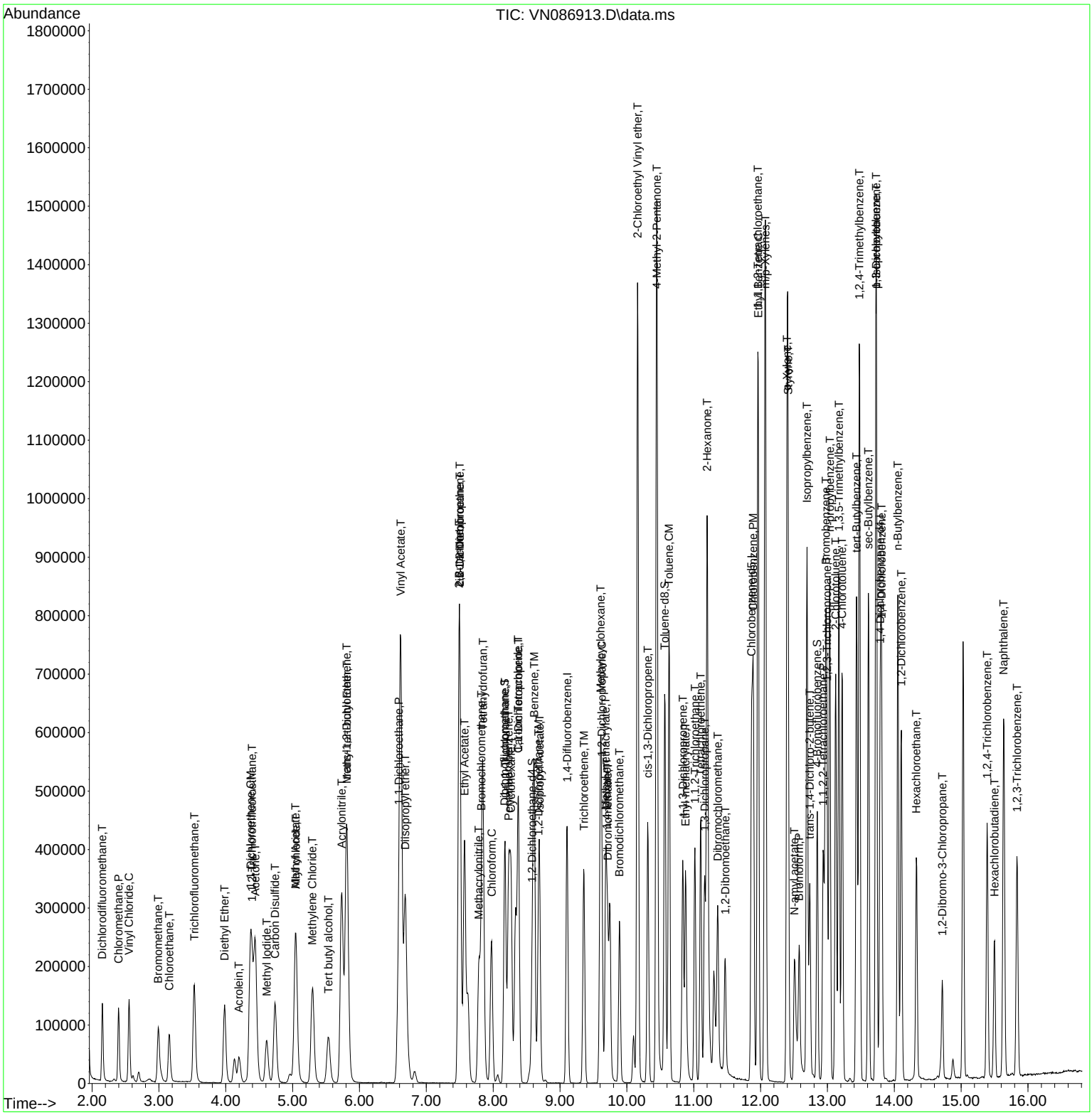
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

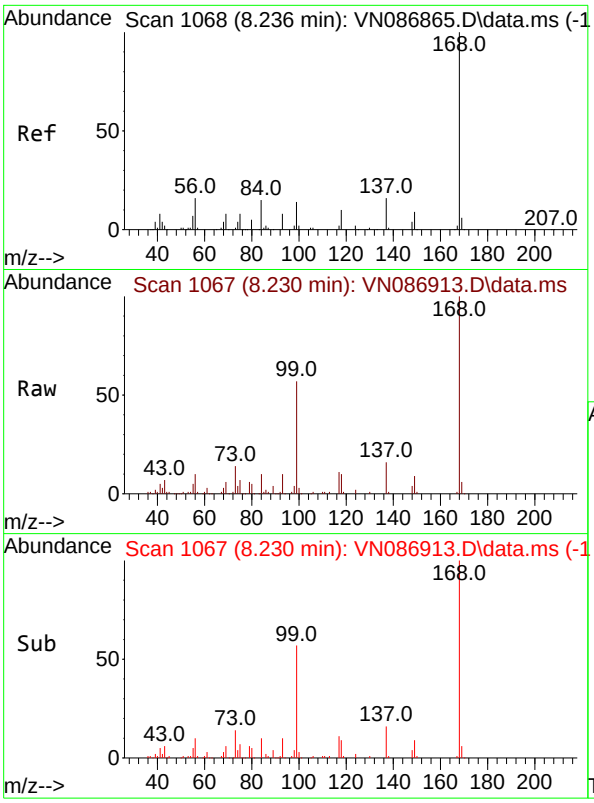
Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

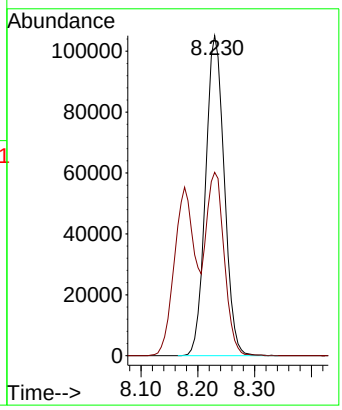




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:168 Resp: 23945

Ion	Ratio	Lower	Upper
168	100		
99	57.3	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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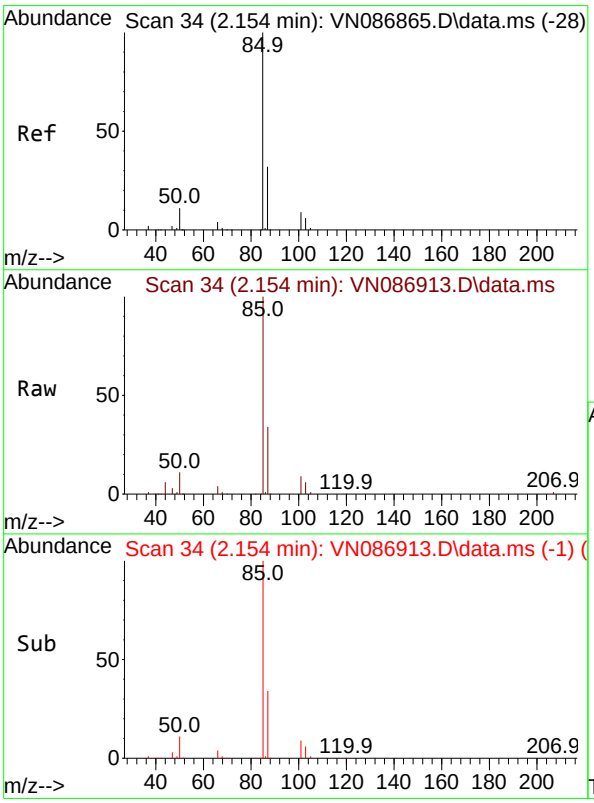
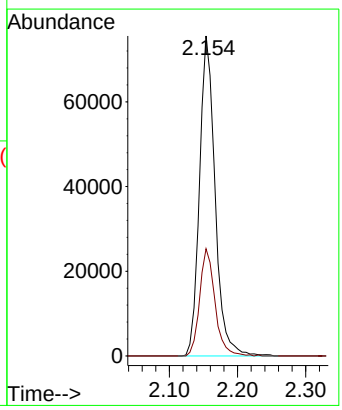
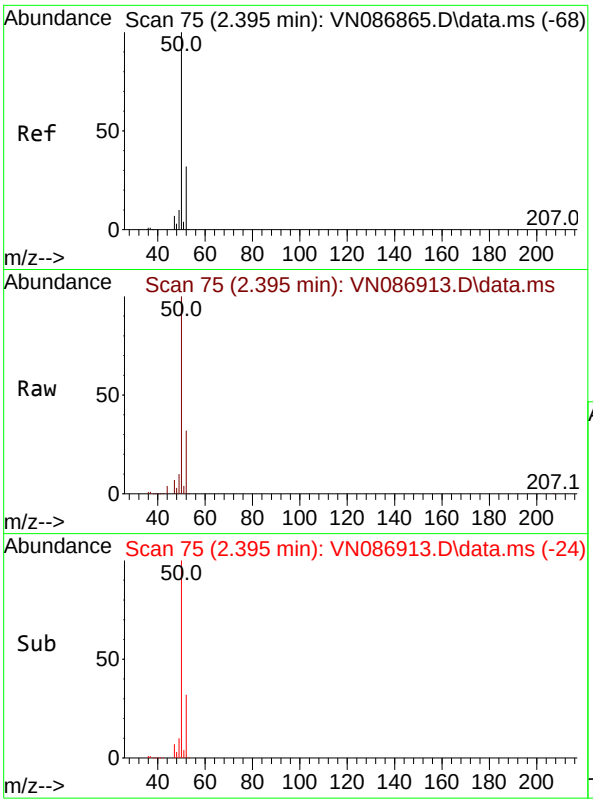


#2
Dichlorodifluoromethane
Concen: 50.345 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 85 Resp: 120199

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.2	48.6

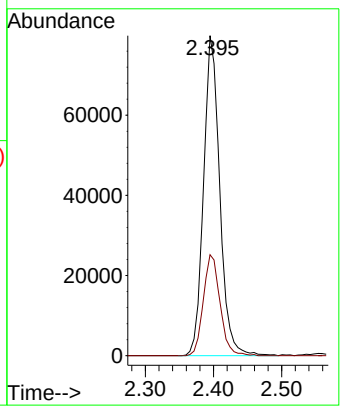




#3
Chloromethane
Concen: 42.845 ug/l
RT: 2.395 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 50 Resp: 13209

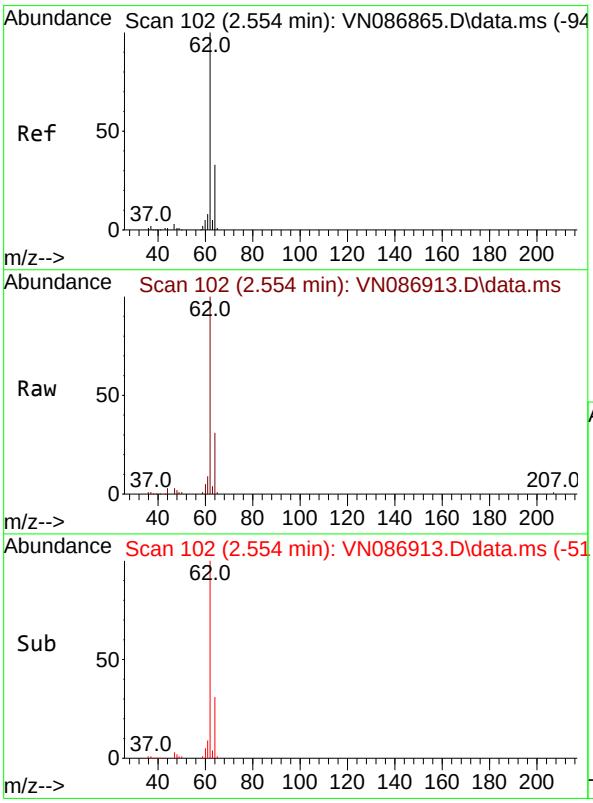
Ion	Ratio	Lower	Upper
50	100		
52	31.6	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

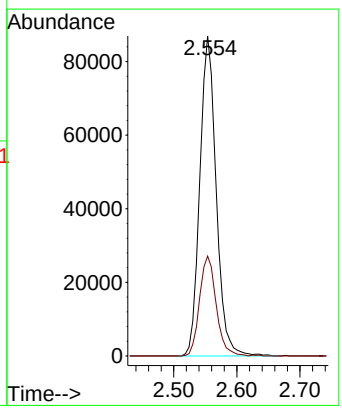
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

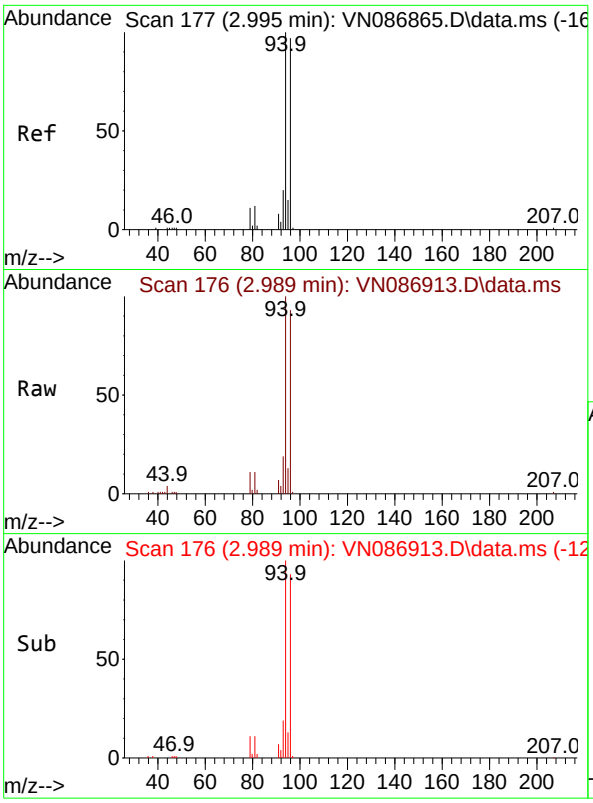


#4
Vinyl Chloride
Concen: 49.190 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 62 Resp: 156438

Ion	Ratio	Lower	Upper
62	100		
64	31.2	26.0	39.0

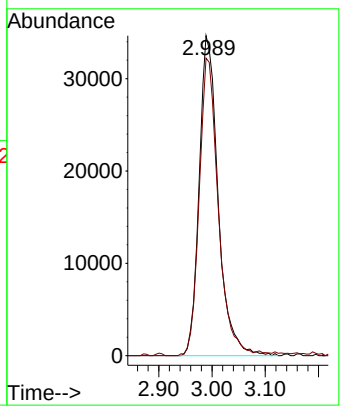




#5
Bromomethane
Concen: 48.104 ug/l
RT: 2.989 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 94 Resp: 8561

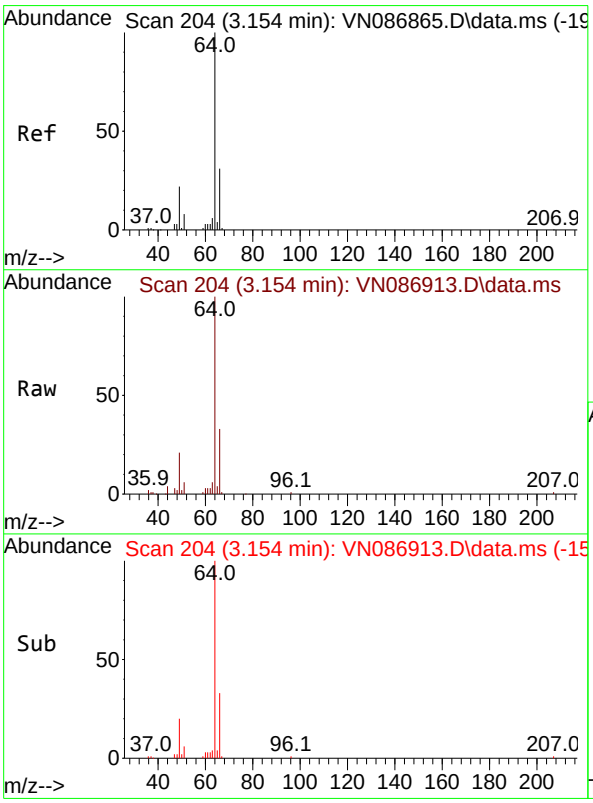
Ion	Ratio	Lower	Upper
94	100		
96	93.0	77.9	116.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

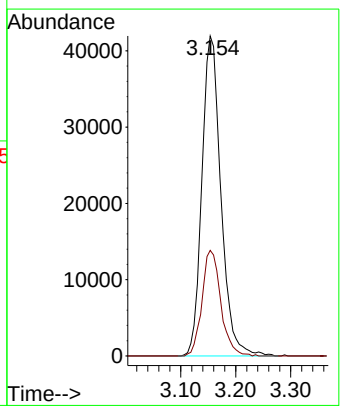
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

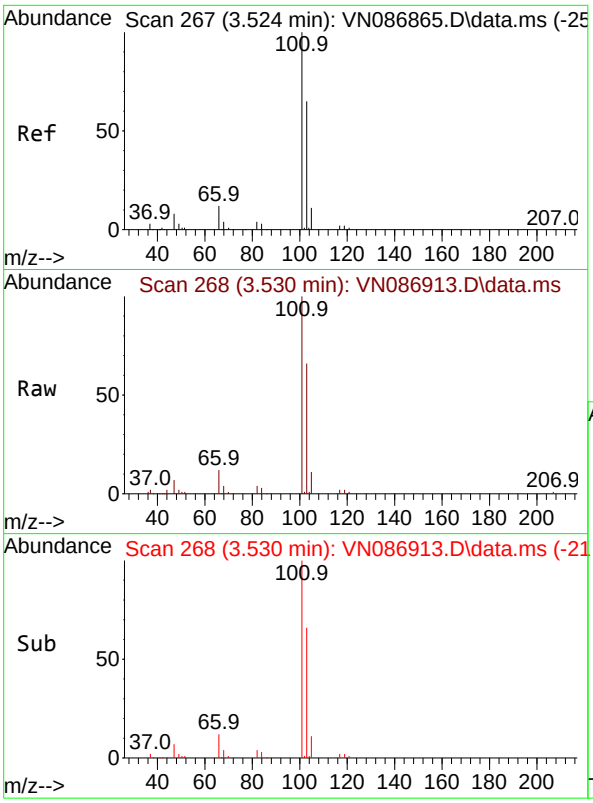


#6
Chloroethane
Concen: 49.111 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 64 Resp: 100888

Ion	Ratio	Lower	Upper
64	100		
66	33.0	24.6	36.8





#7
Trichlorofluoromethane
Concen: 48.882 ug/l
RT: 3.530 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

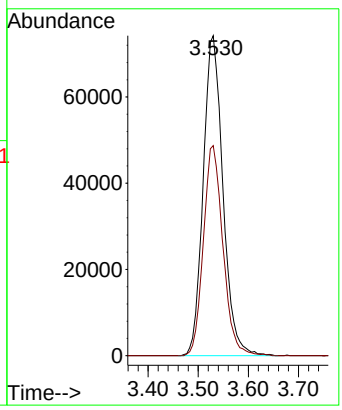
Tgt Ion:101 Resp: 20311

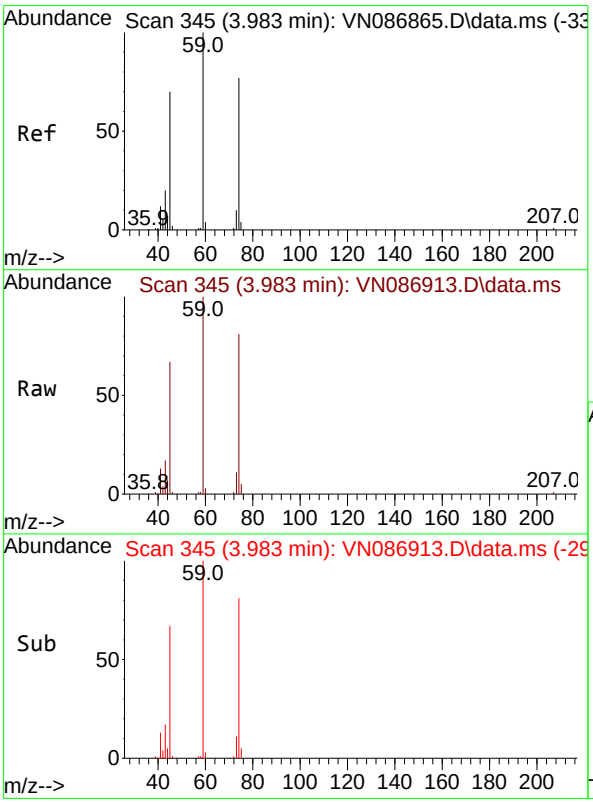
Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.2	78.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

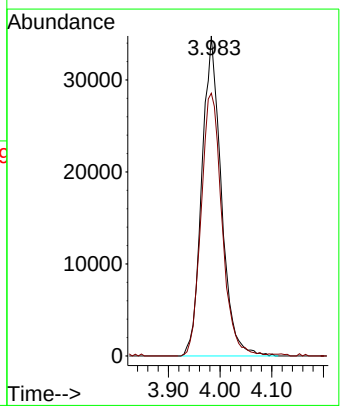


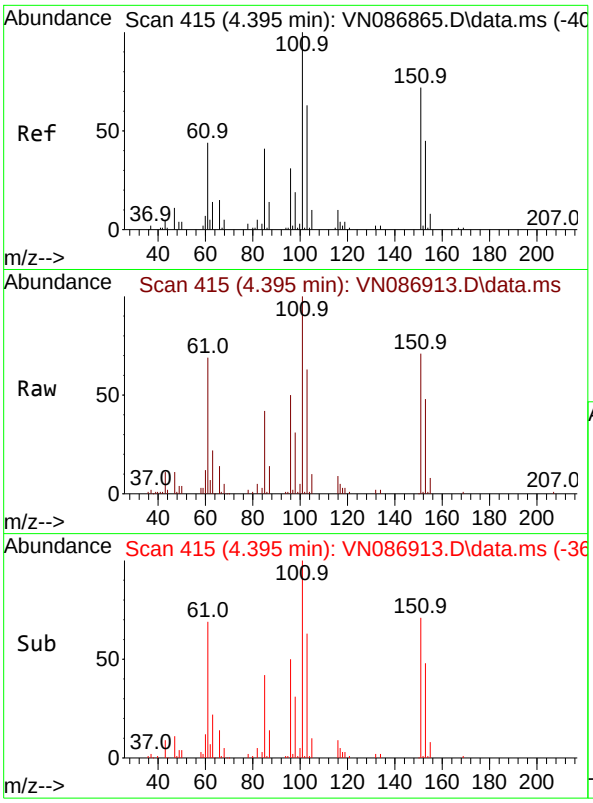


#8
Diethyl Ether
Concen: 50.181 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 74 Resp: 90847

Ion	Ratio	Lower	Upper
74	100		
45	88.0	45.5	136.5

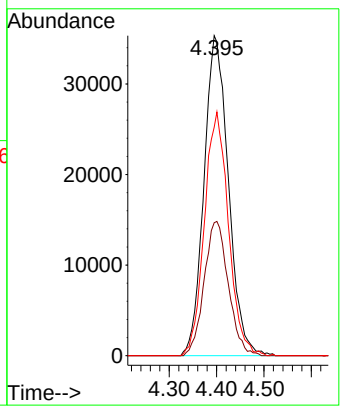




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.583 ug/l
RT: 4.395 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:101 Resp: 12682

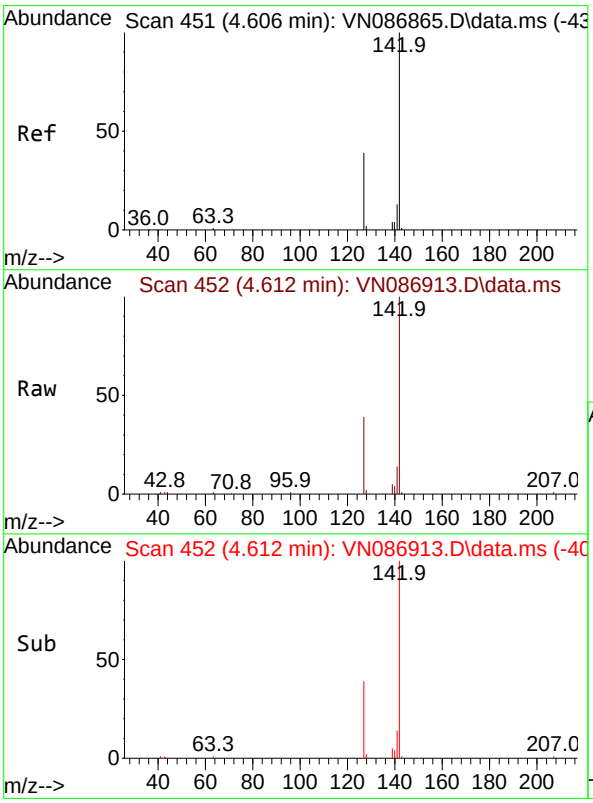
Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.8	50.8
151	75.0	58.7	88.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

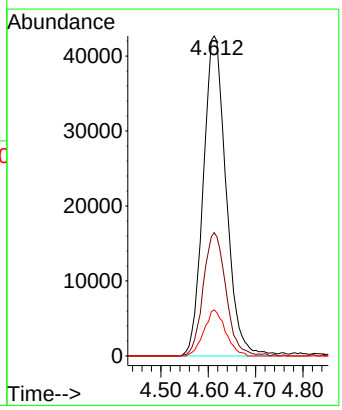
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

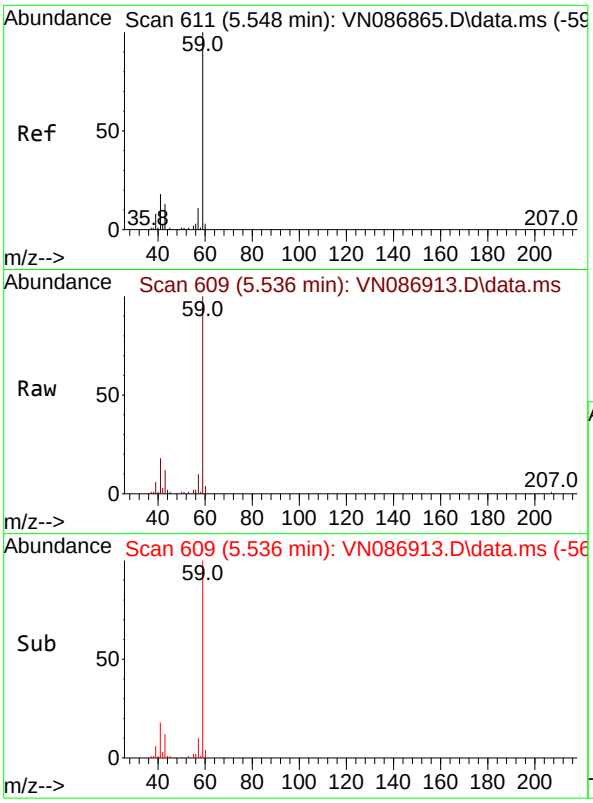


#10
Methyl Iodide
Concen: 42.239 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:142 Resp: 142941

Ion	Ratio	Lower	Upper
142	100		
127	38.6	30.9	46.3
141	14.4	10.4	15.6





#11
Tert butyl alcohol
Concen: 203.929 ug/l
RT: 5.536 min Scan# 6
Delta R.T. -0.012 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 59 Resp: 17740

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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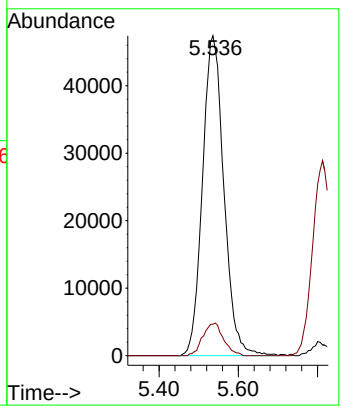
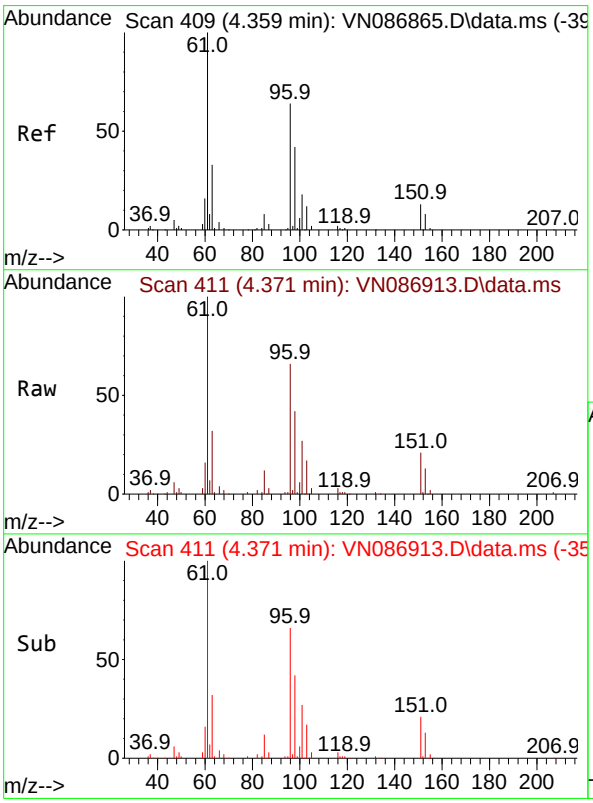
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

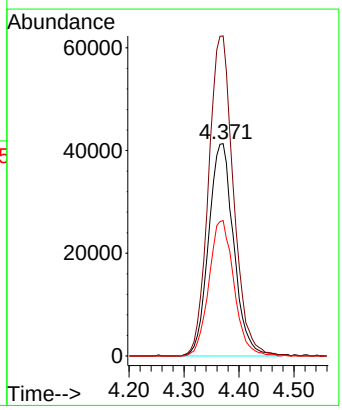


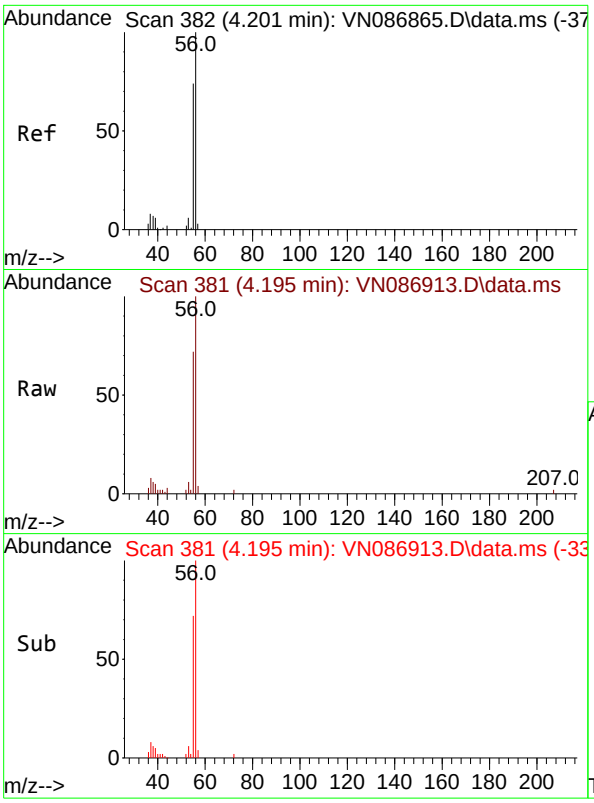


#12
1,1-Dichloroethene
Concen: 49.200 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 96 Resp: 131127

Ion	Ratio	Lower	Upper
96	100		
61	150.8	125.8	188.6
98	63.8	52.5	78.7

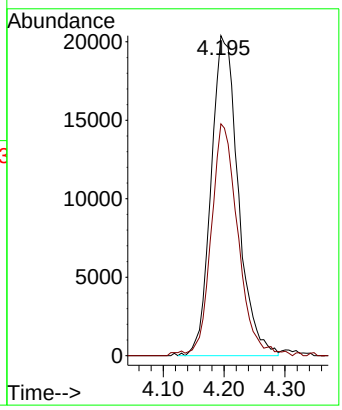




#13
Acrolein
Concen: 229.021 ug/l
RT: 4.195 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 56 Resp: 6306

Ion	Ratio	Lower	Upper
56	100		
55	71.2	55.6	83.4



Instrument :
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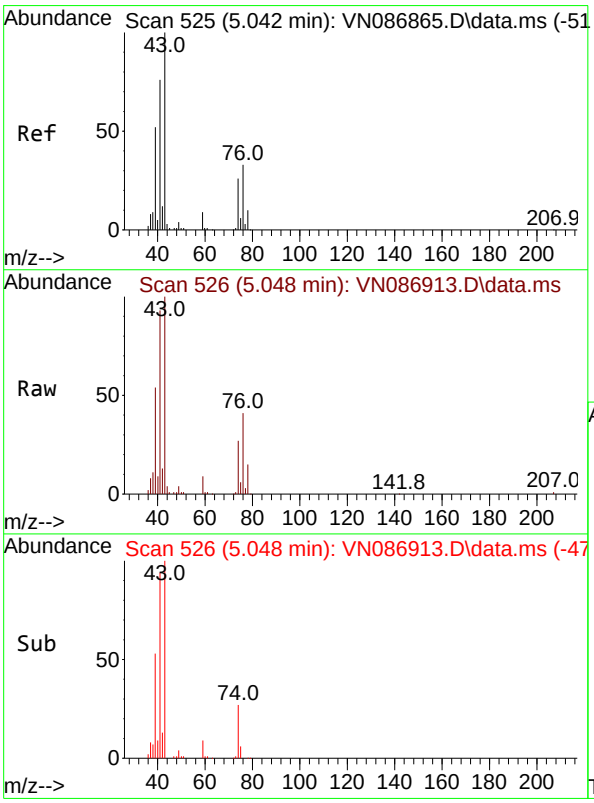
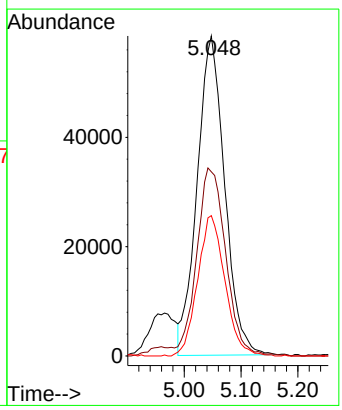
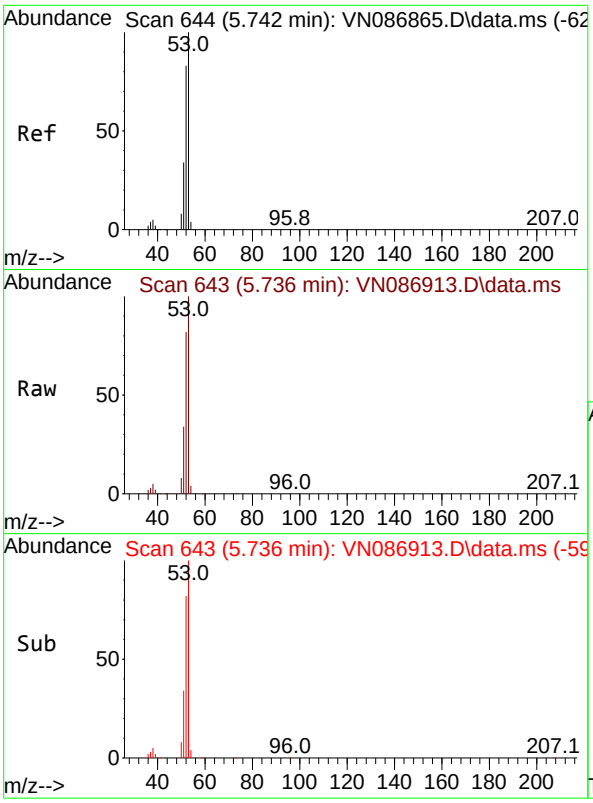


#14
Allyl chloride
Concen: 44.573 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 41 Resp: 197016

Ion	Ratio	Lower	Upper
41	100		
39	62.2	51.3	76.9
76	43.5	31.4	47.0

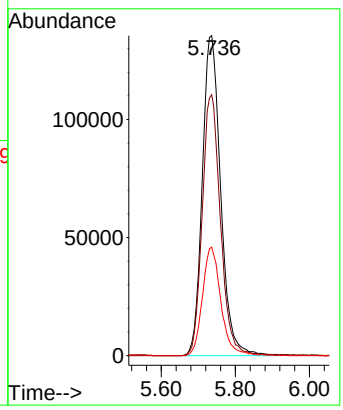




#15
Acrylonitrile
Concen: 229.750 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 53 Resp: 46715

Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.0	97.6
51	34.0	27.2	40.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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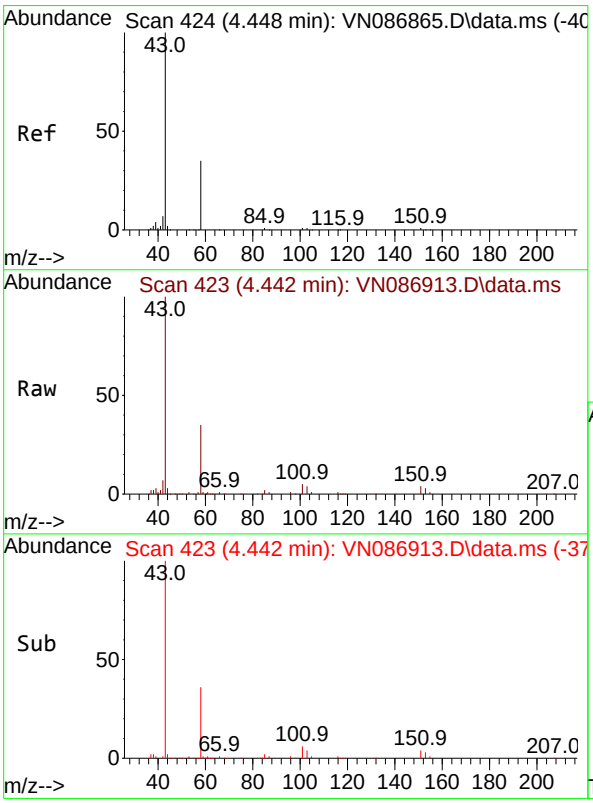
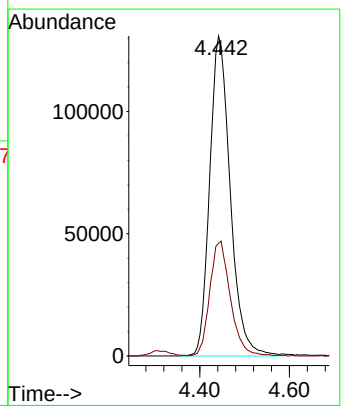
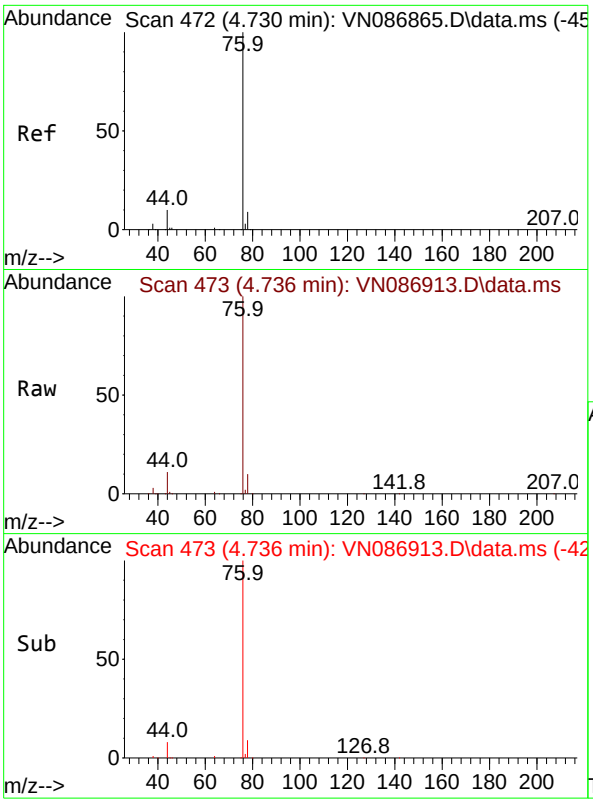


#16
Acetone
Concen: 245.204 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 416888

Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.0	42.0

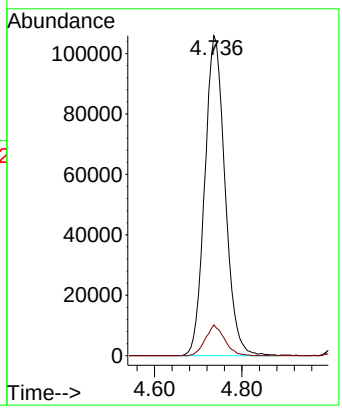




#17
Carbon Disulfide
Concen: 46.386 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 76 Resp: 34196

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9



Instrument :
MSVOA_N
ClientSampleId :
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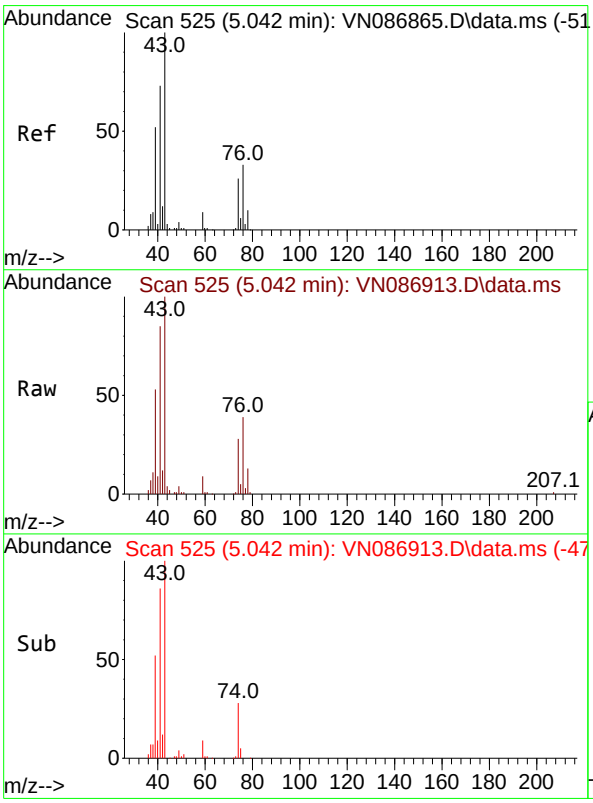
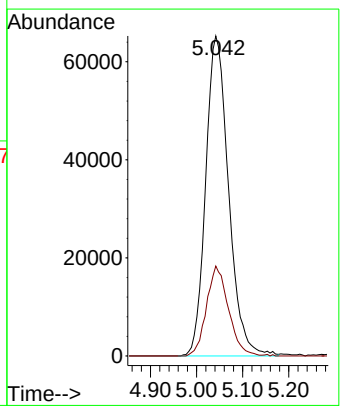
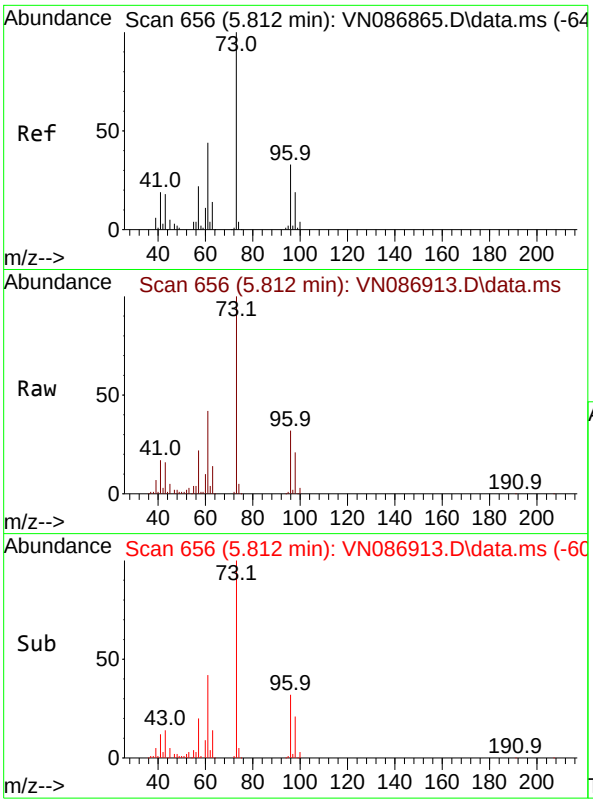


#18
Methyl Acetate
Concen: 45.497 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 225420

Ion	Ratio	Lower	Upper
43	100		
74	27.0	20.7	31.1

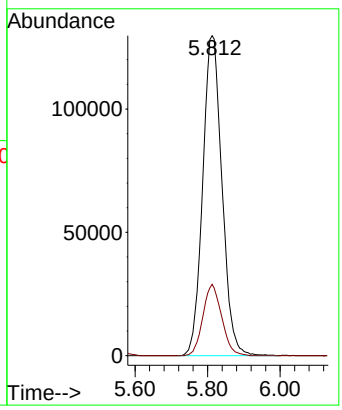




#19
Methyl tert-butyl Ether
Concen: 49.605 ug/l
RT: 5.812 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 73 Resp: 47868

Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.4	26.2



Instrument :
MSVOA_N
ClientSampleId :
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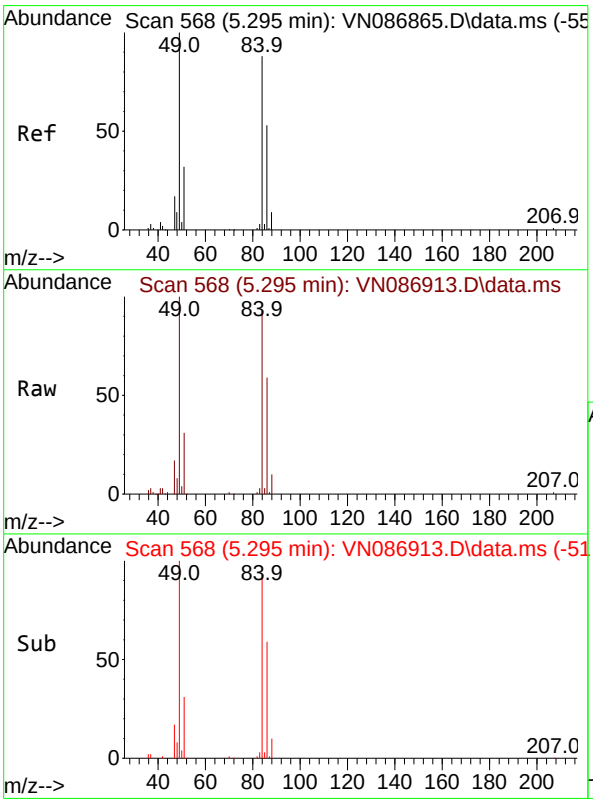
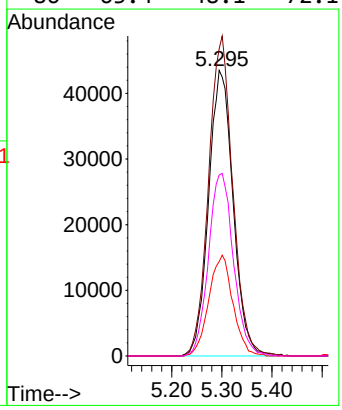
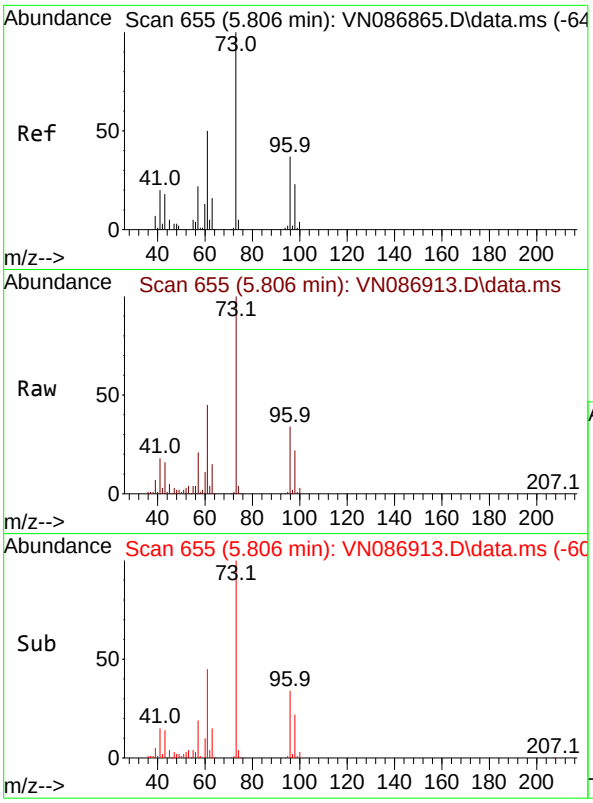


#20
Methylene Chloride
Concen: 46.410 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 84 Resp: 147723

Ion	Ratio	Lower	Upper
84	100		
49	107.5	90.5	135.7
51	33.1	28.5	42.7
86	63.4	48.1	72.1

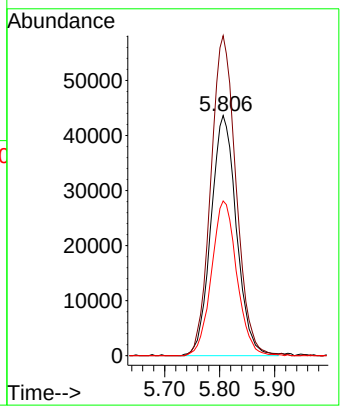




#21
trans-1,2-Dichloroethene
Concen: 47.370 ug/l
RT: 5.806 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 96 Resp: 14046

Ion	Ratio	Lower	Upper
96	100		
61	133.3	109.2	163.8
98	64.4	49.8	74.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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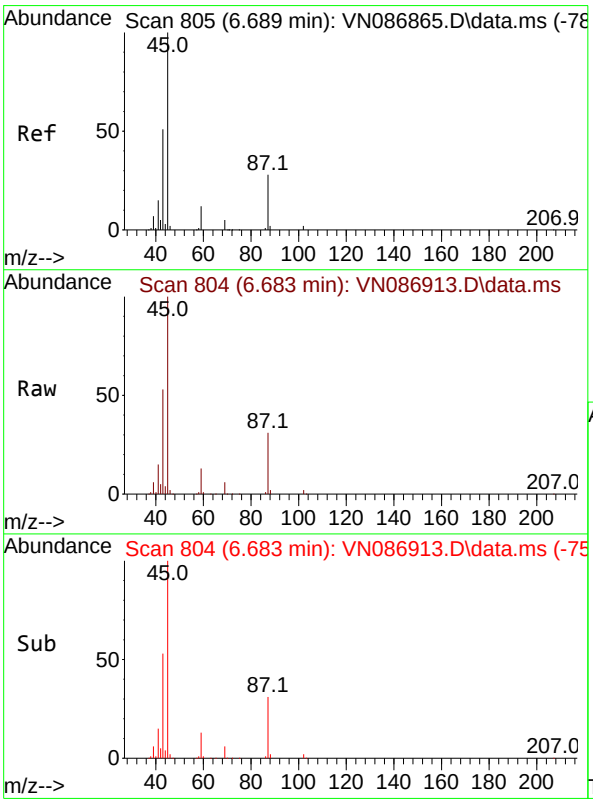
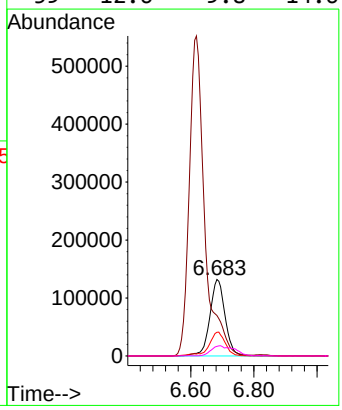
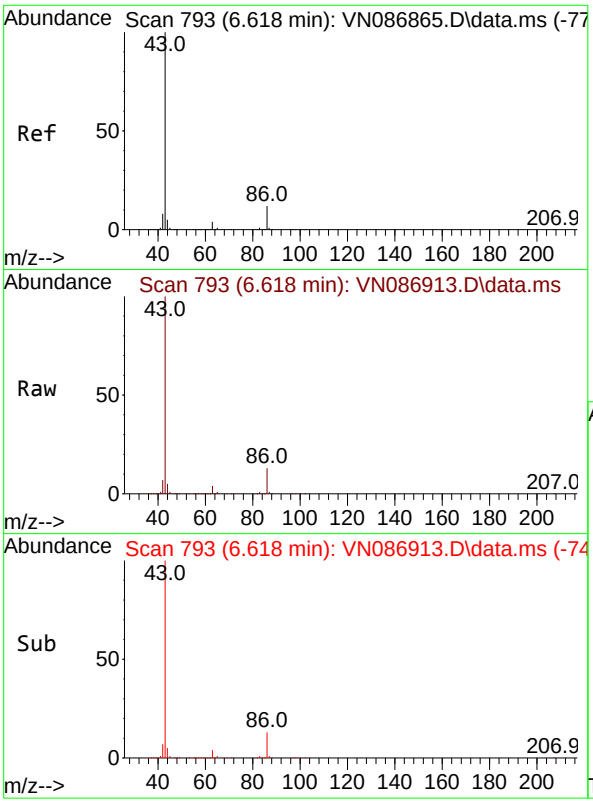


#22
Diisopropyl ether
Concen: 47.178 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 45 Resp: 439557

Ion	Ratio	Lower	Upper
45	100		
43	52.7	41.9	62.9
87	30.9	22.4	33.6
59	12.6	9.8	14.6





#23
Vinyl Acetate
Concen: 236.925 ug/l
RT: 6.618 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 186505

Ion	Ratio	Lower	Upper
43	100		
86	12.7	9.5	14.3

Instrument :
MSVOA_N
ClientSampleId :
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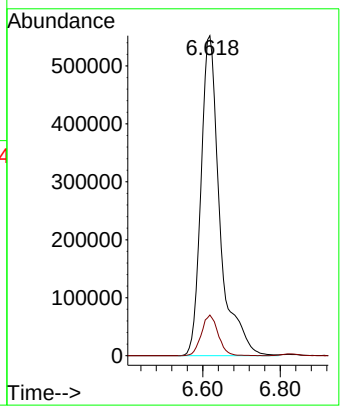
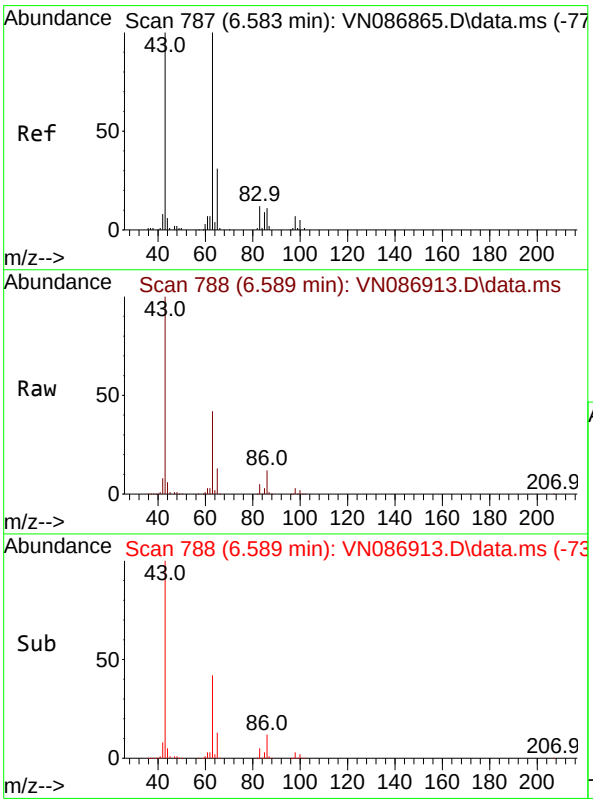
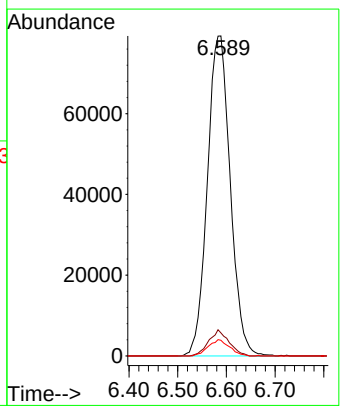


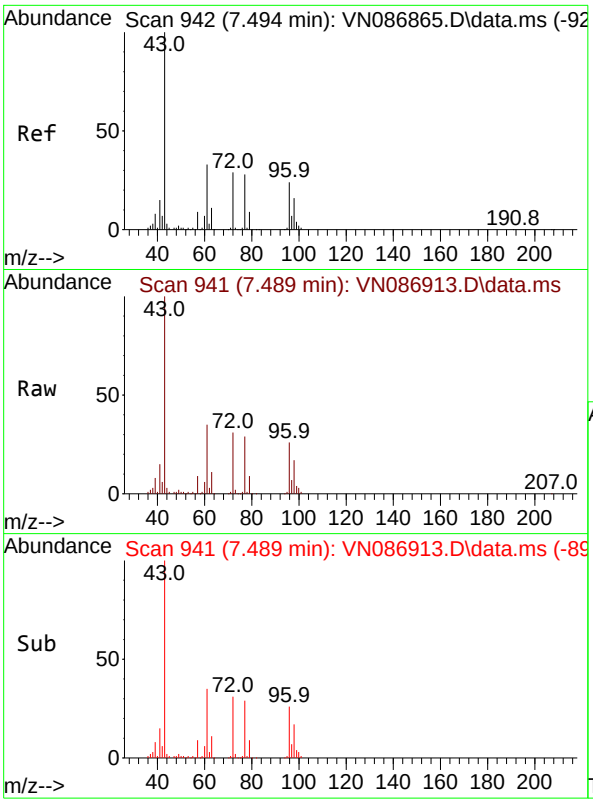


#24
1,1-Dichloroethane
Concen: 48.190 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 63 Resp: 258382

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	4.9	2.6	7.8





#25
2-Butanone
Concen: 213.617 ug/l
RT: 7.489 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 590344

Ion	Ratio	Lower	Upper
43	100		
72	31.2	23.0	34.6

Instrument :
MSVOA_N
ClientSampleId :
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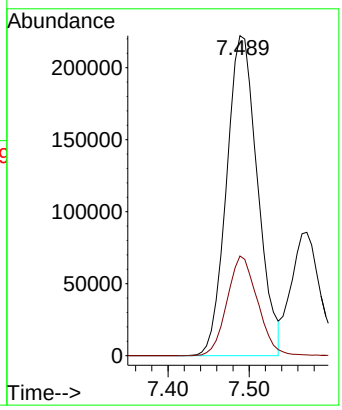
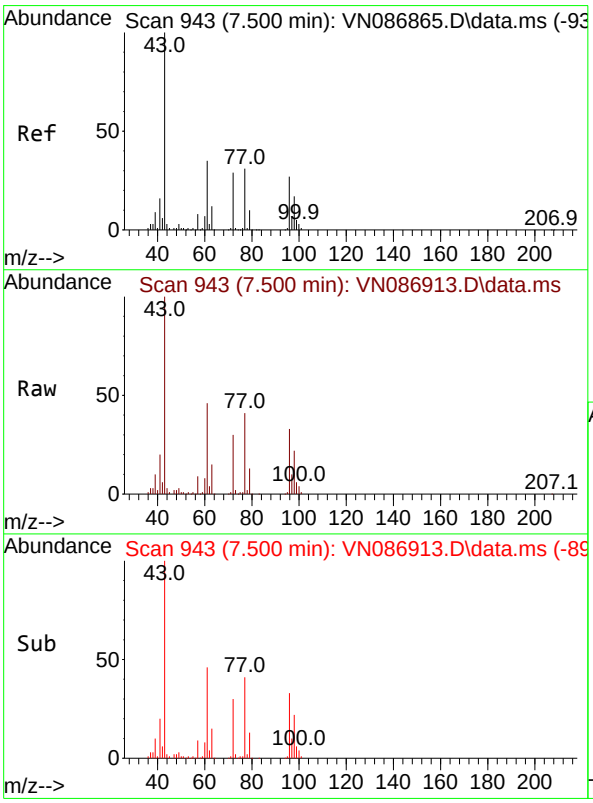
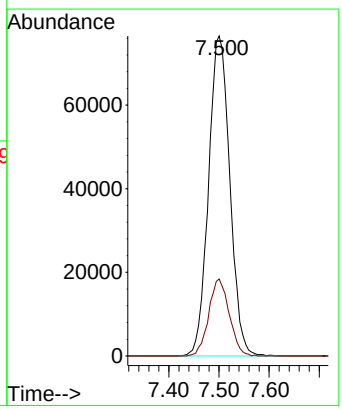


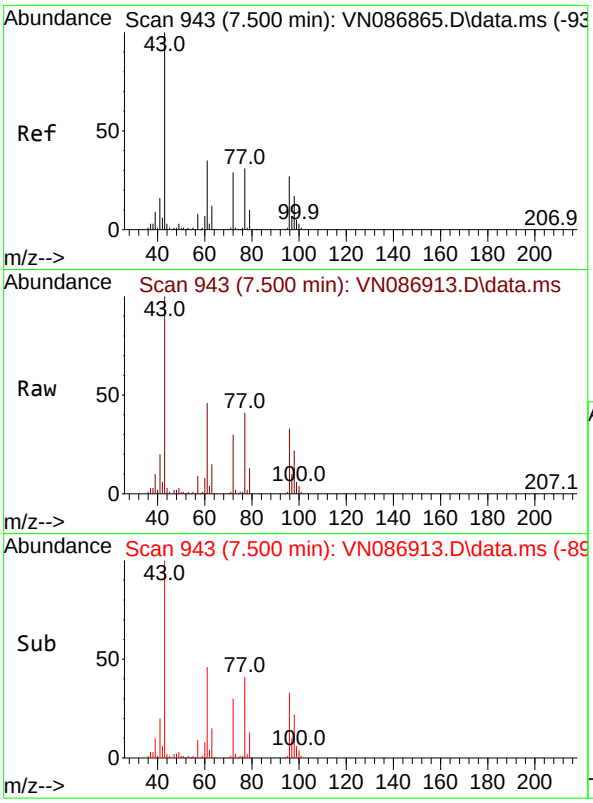


#26
2,2-Dichloropropane
Concen: 54.150 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 77 Resp: 225847

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.6	34.7

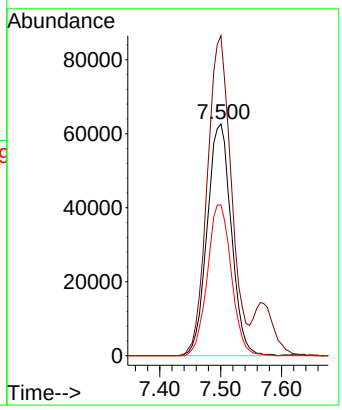




#27
cis-1,2-Dichloroethene
Concen: 48.666 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 96 Resp: 17258

Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	278.0
98	64.6	0.0	128.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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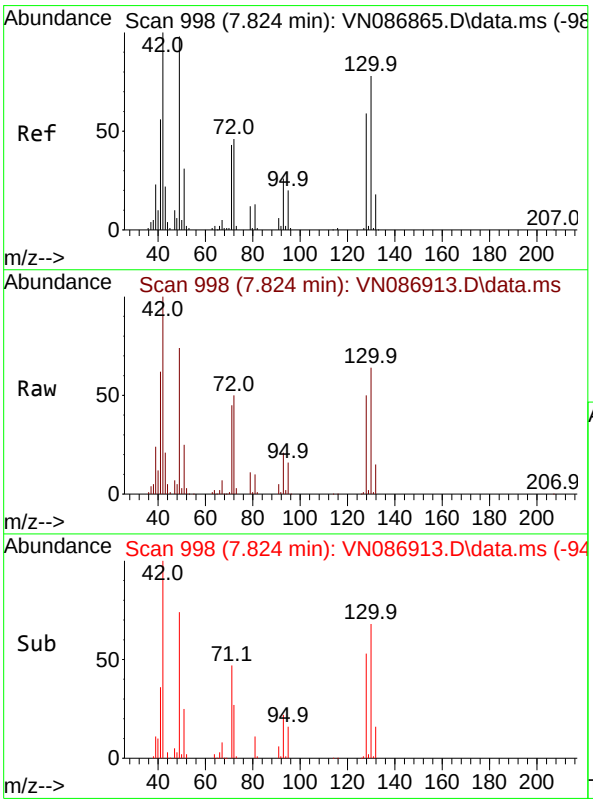
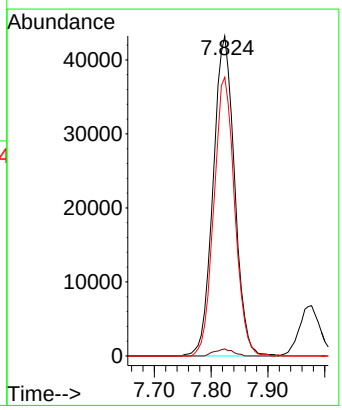
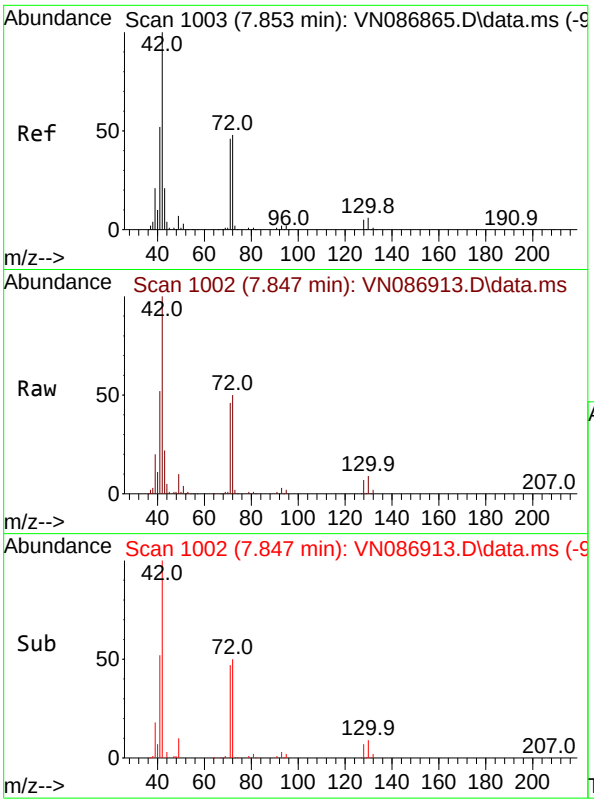


#28
Bromochloromethane
Concen: 42.951 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 49 Resp: 113231

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	84.6	62.2	93.2





#29
Tetrahydrofuran
Concen: 216.165 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

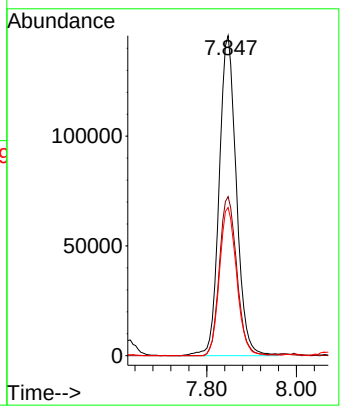
Tgt Ion: 42 Resp: 38915

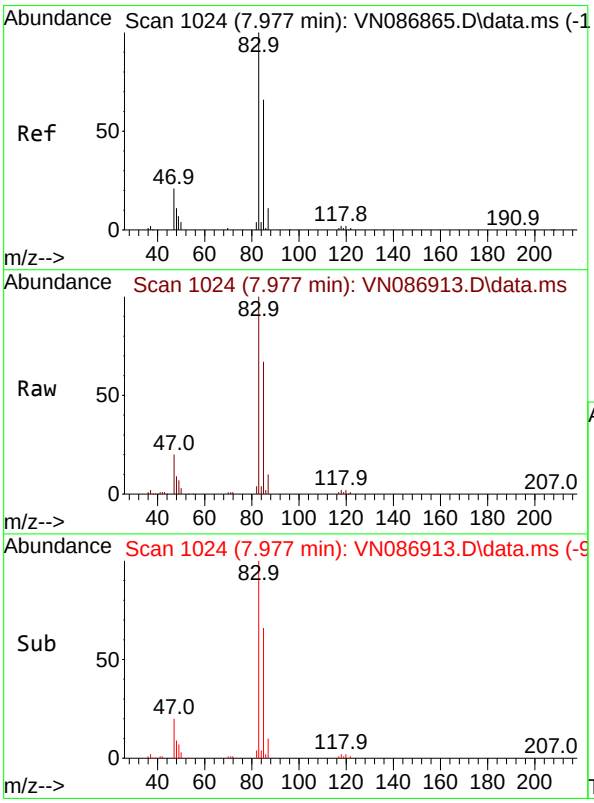
Ion	Ratio	Lower	Upper
42	100		
72	50.5	37.8	56.6
71	46.5	35.6	53.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

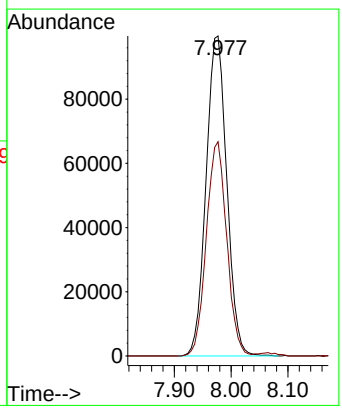


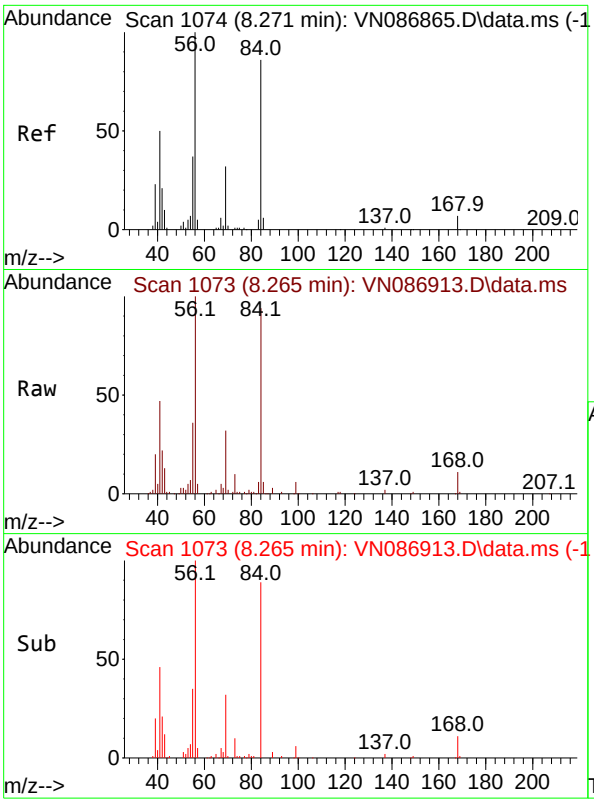


#30
Chloroform
Concen: 47.097 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 83 Resp: 252183

Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.9	79.3

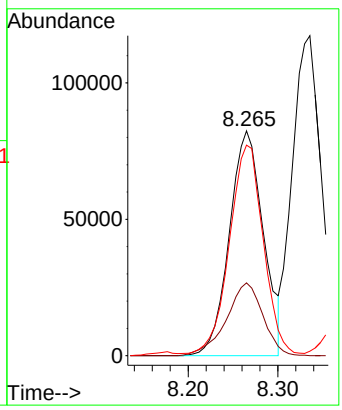




#31
Cyclohexane
Concen: 41.767 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 56 Resp: 21718

Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.4	38.0
84	92.7	68.8	103.2



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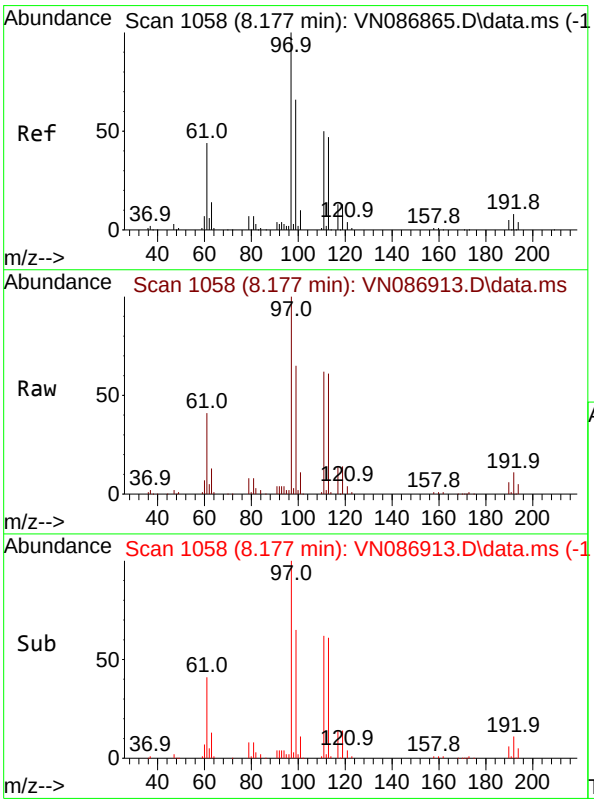
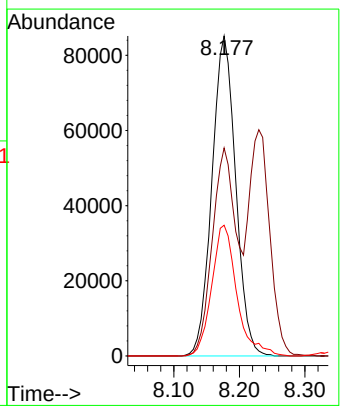
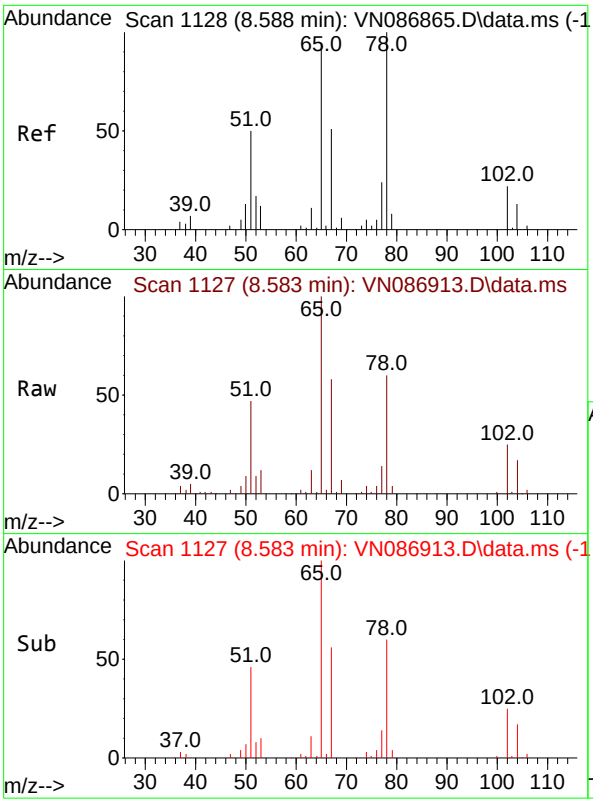


#32
1,1,1-Trichloroethane
Concen: 47.016 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 97 Resp: 214121

Ion	Ratio	Lower	Upper
97	100		
99	66.9	52.0	78.0
61	43.4	35.9	53.9

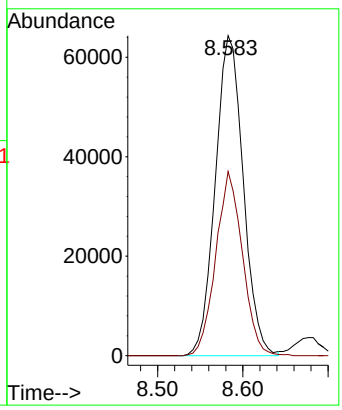




#33
1,2-Dichloroethane-d4
Concen: 45.789 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 65 Resp: 14680

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	105.6



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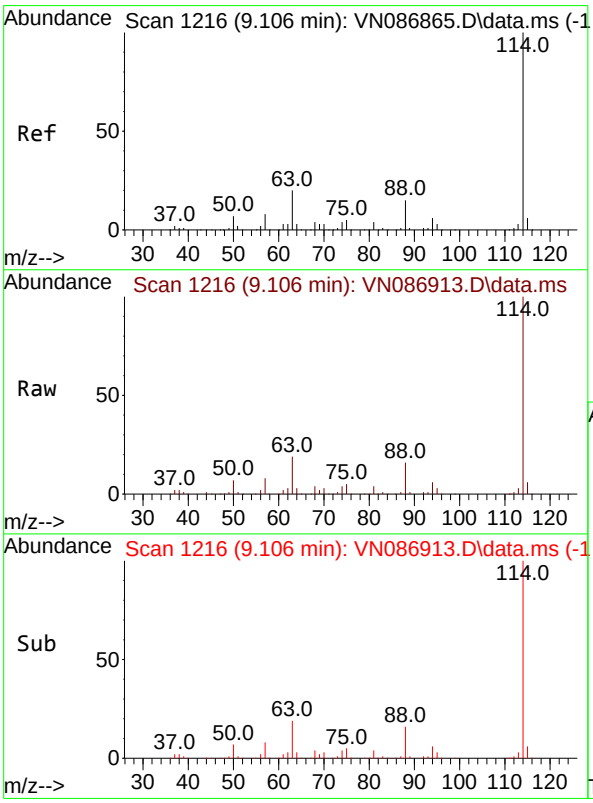
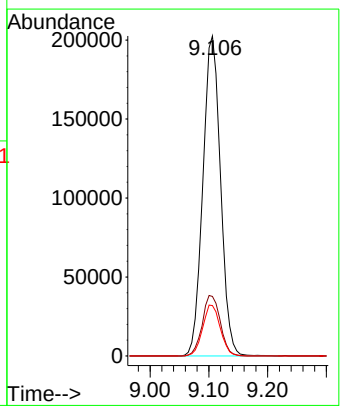
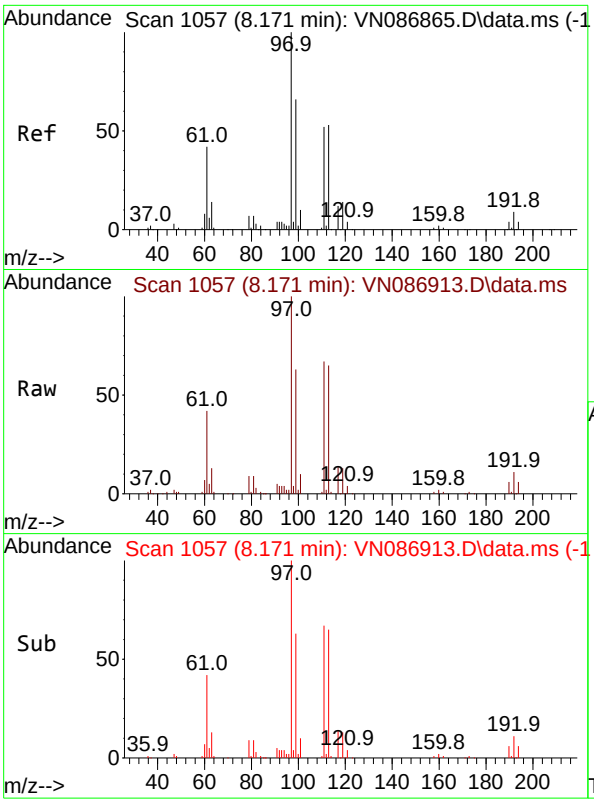


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:114 Resp: 422119

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.6
88	15.8	0.0	30.2

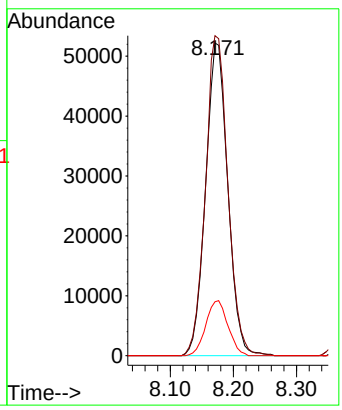




#35
Dibromofluoromethane
Concen: 50.869 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:113 Resp: 12725

Ion	Ratio	Lower	Upper
113	100		
111	103.6	84.2	126.2
192	17.6	14.2	21.4



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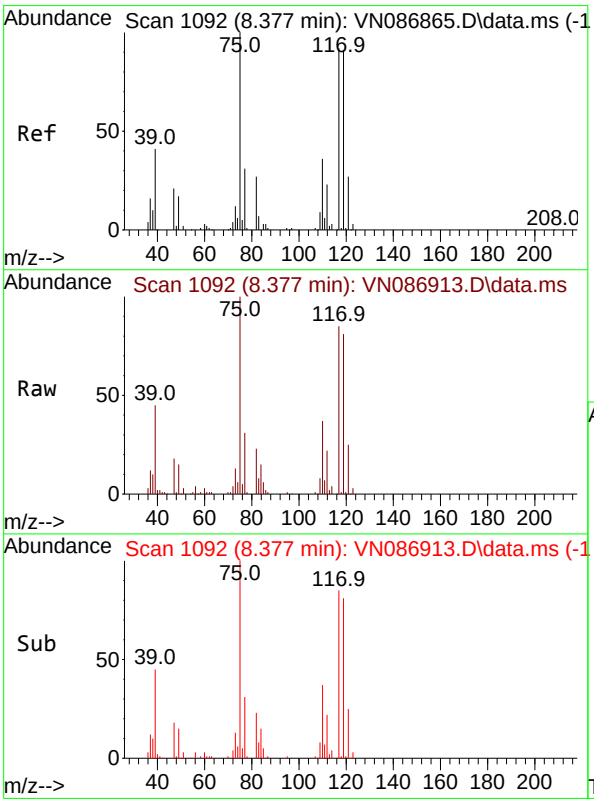
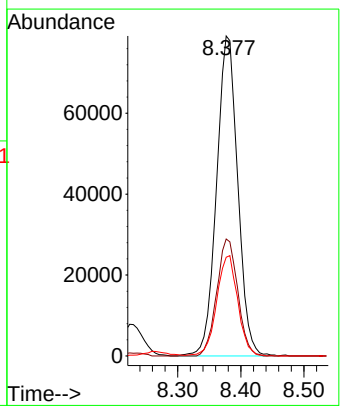
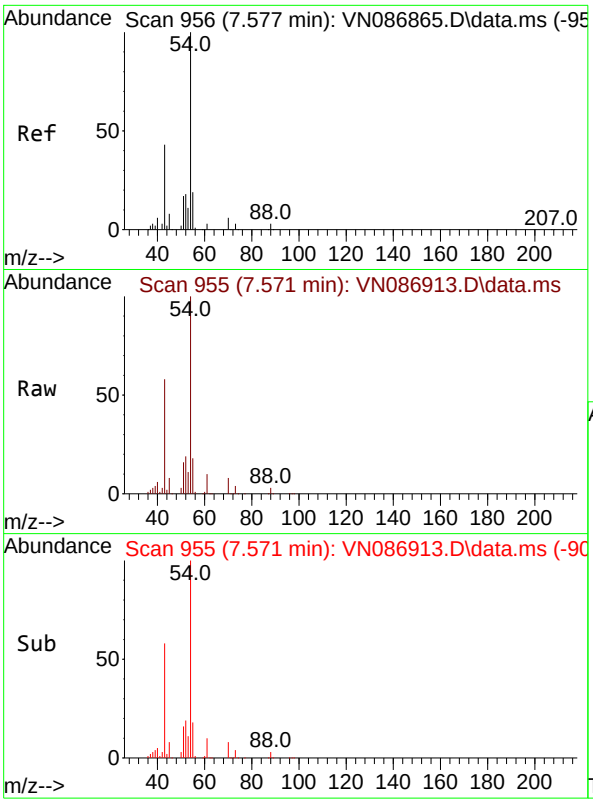


#36
1,1-Dichloropropene
Concen: 49.463 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 75 Resp: 184378

Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.6	52.9
77	31.3	25.3	37.9

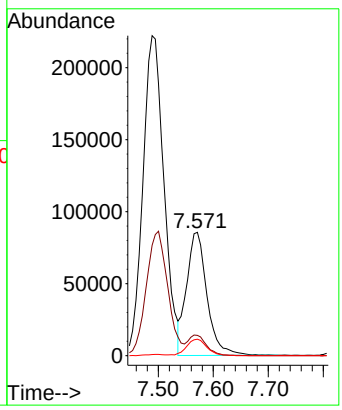




#37
Ethyl Acetate
Concen: 46.471 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 22051

Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.1	18.1
70	13.4	9.8	14.6



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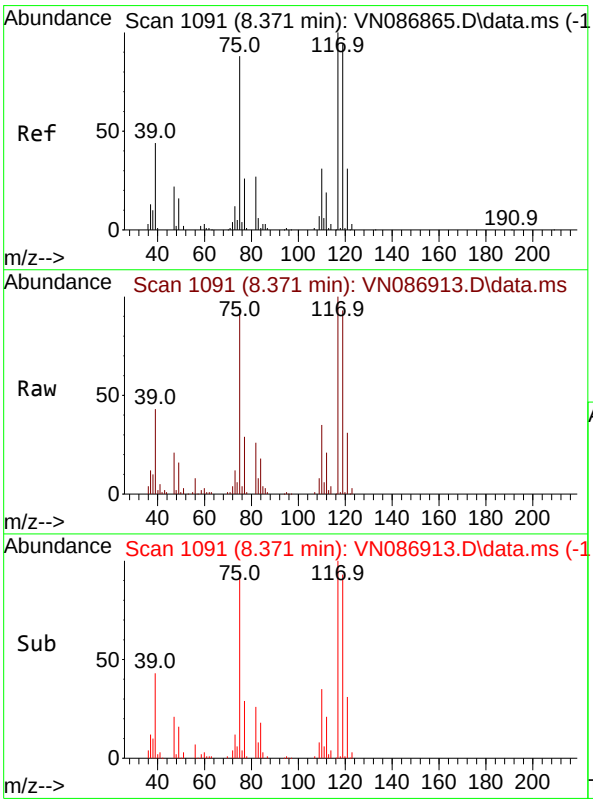
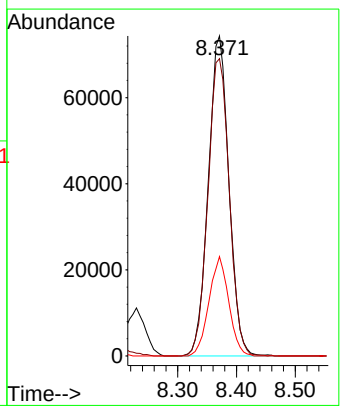
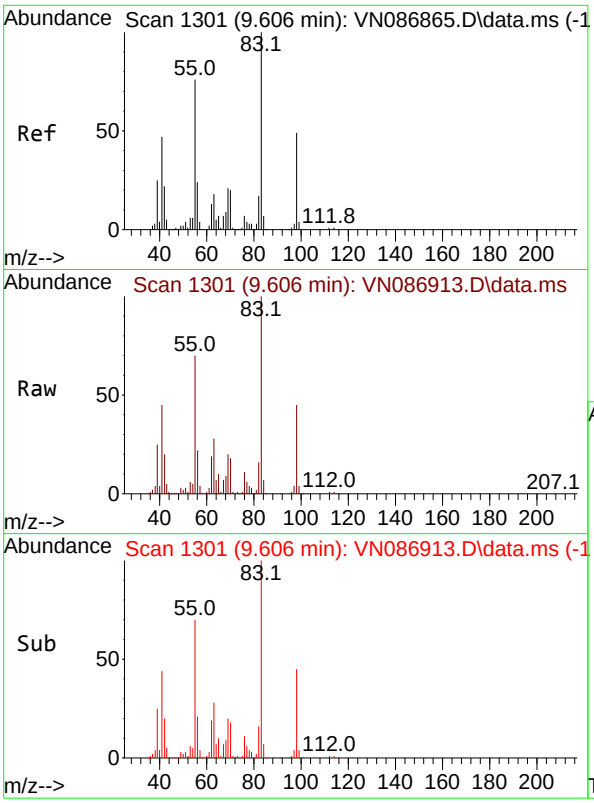


#38
Carbon Tetrachloride
Concen: 49.466 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:117 Resp: 181026

Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.0	112.6
121	31.1	24.9	37.3





#39
Methylcyclohexane
Concen: 43.269 ug/l
RT: 9.606 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 83 Resp: 22097

Ion	Ratio	Lower	Upper
83	100		
55	69.9	61.0	91.6
98	45.2	38.9	58.3

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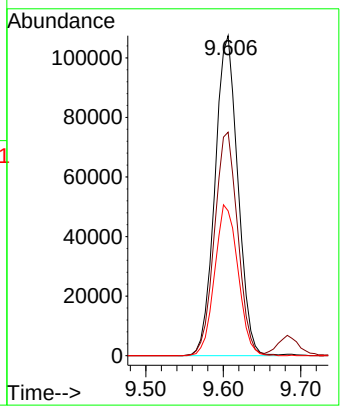
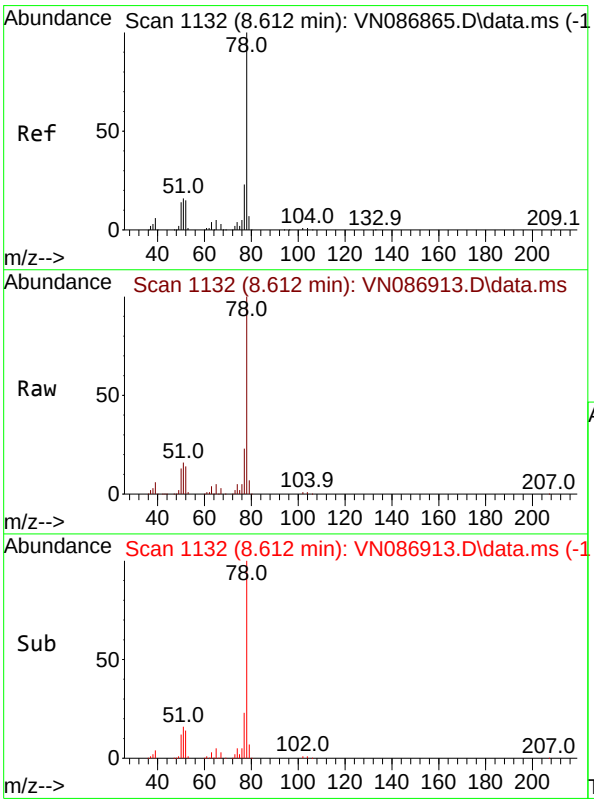
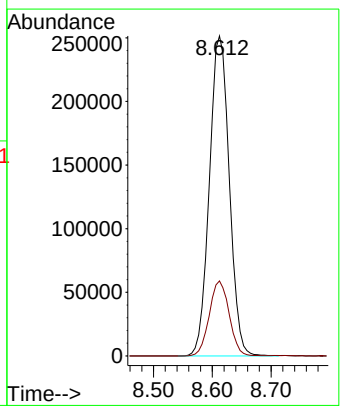


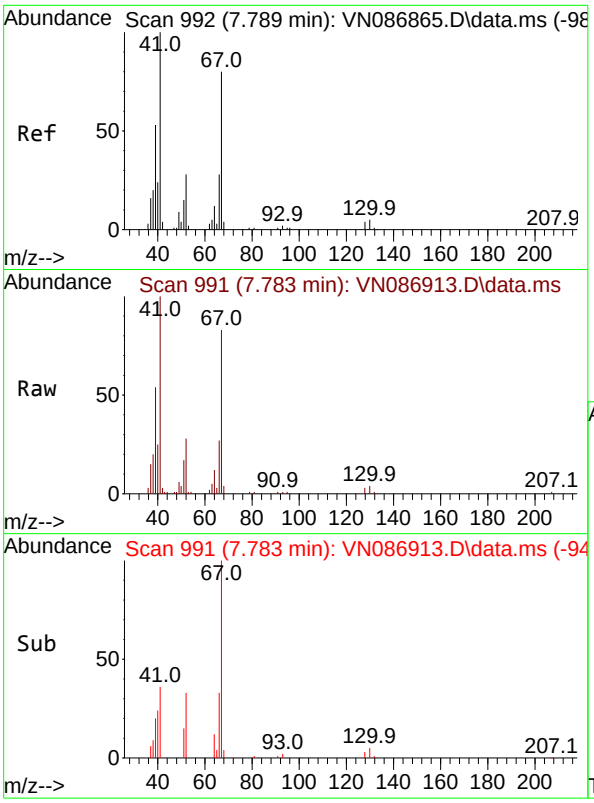


#40
Benzene
Concen: 48.493 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 78 Resp: 591102

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1

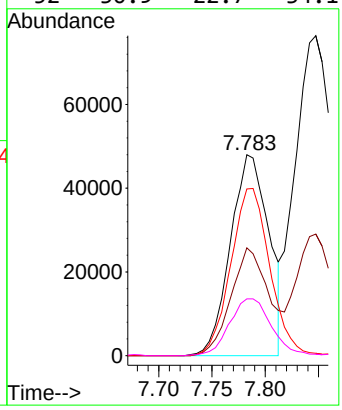




#41
Methacrylonitrile
Concen: 45.256 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 41 Resp: 12060

Ion	Ratio	Lower	Upper
41	100		
39	54.3	41.2	61.8
67	84.7	61.4	92.2
52	30.9	22.7	34.1



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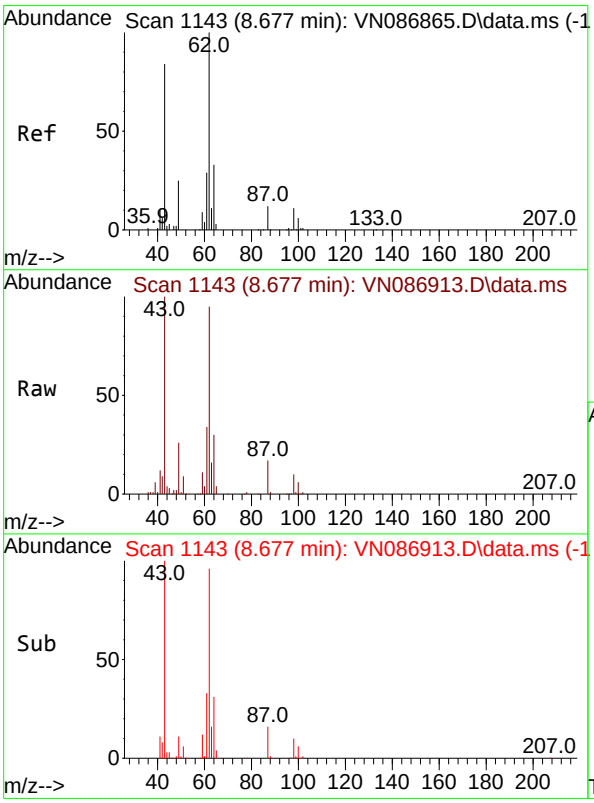
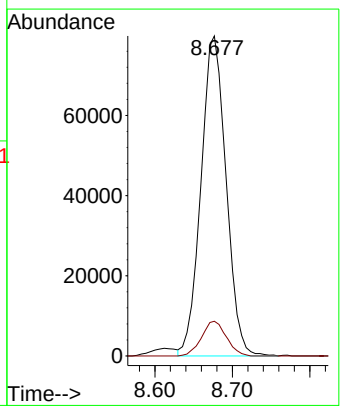
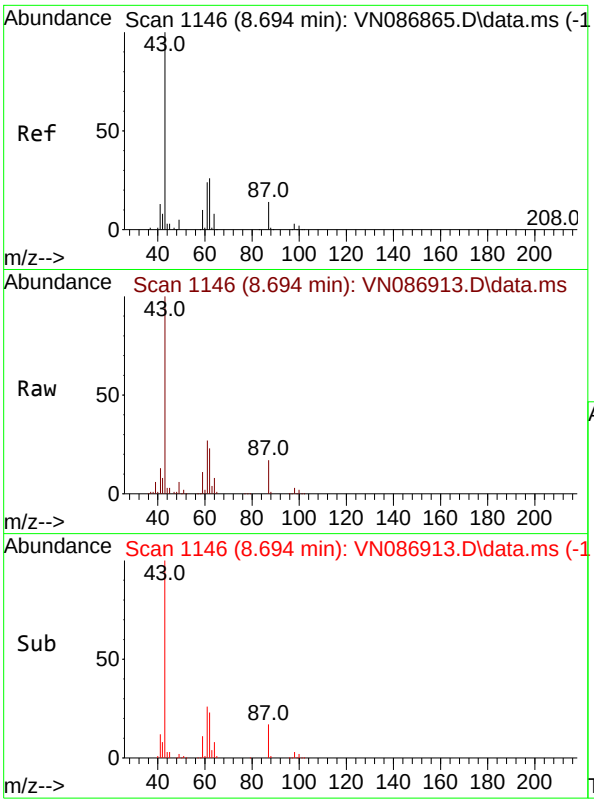


#42
1,2-Dichloroethane
Concen: 48.671 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 62 Resp: 179943

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.2

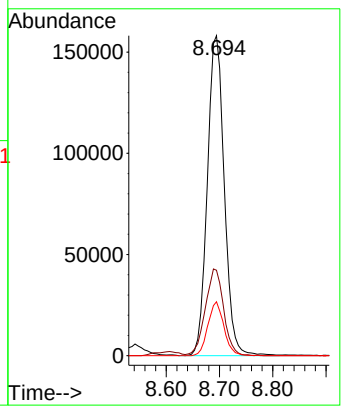




#43
Isopropyl Acetate
Concen: 45.998 ug/l
RT: 8.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 35032

Ion	Ratio	Lower	Upper
43	100		
61	29.4	22.1	33.1
87	15.9	11.8	17.6



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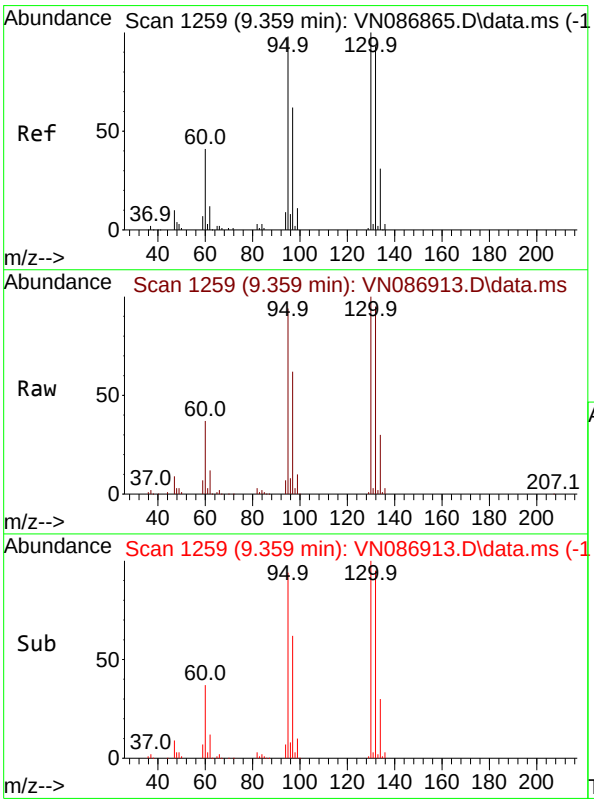
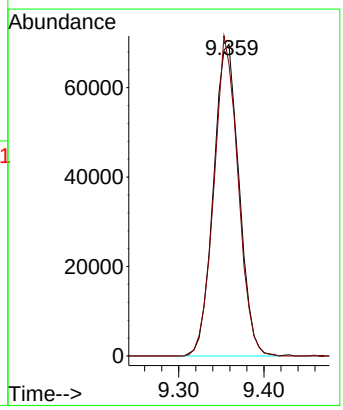
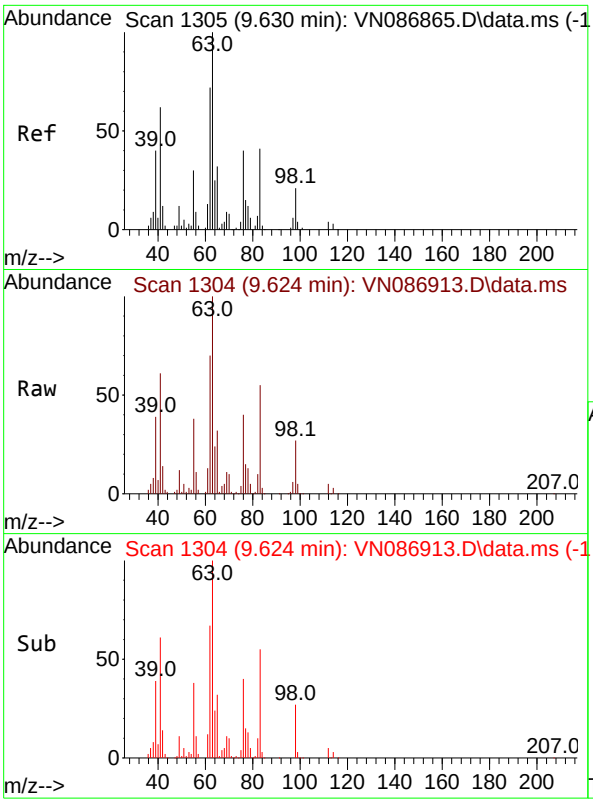


#44
Trichloroethene
Concen: 50.404 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:130 Resp: 145683

Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	196.2

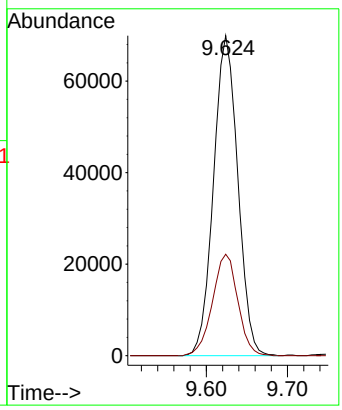




#45
1,2-Dichloropropane
Concen: 49.004 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 63 Resp: 14532

Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.5	38.3



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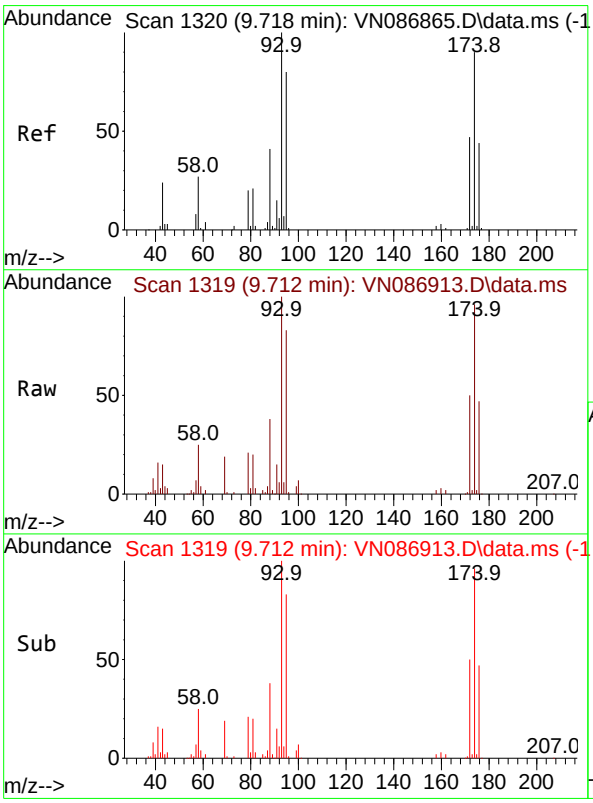
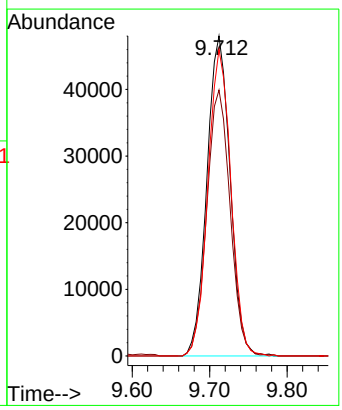
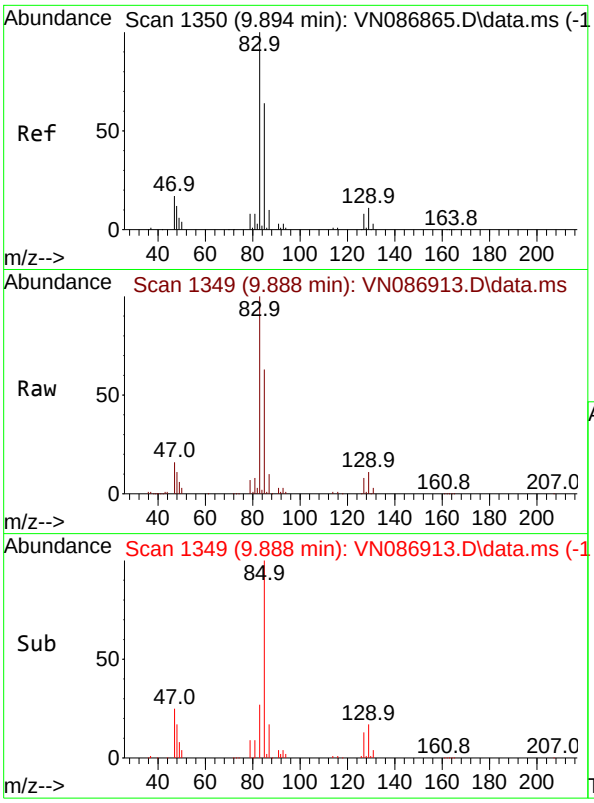


#46
Dibromomethane
Concen: 50.766 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 93 Resp: 99996

Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.1	100.7
174	94.8	74.2	111.4

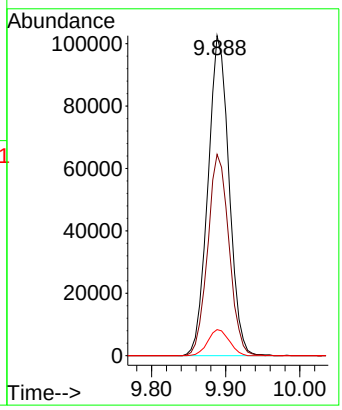




#47
Bromodichloromethane
Concen: 49.918 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 83 Resp: 20230

Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.9	76.3
127	8.2	6.6	10.0



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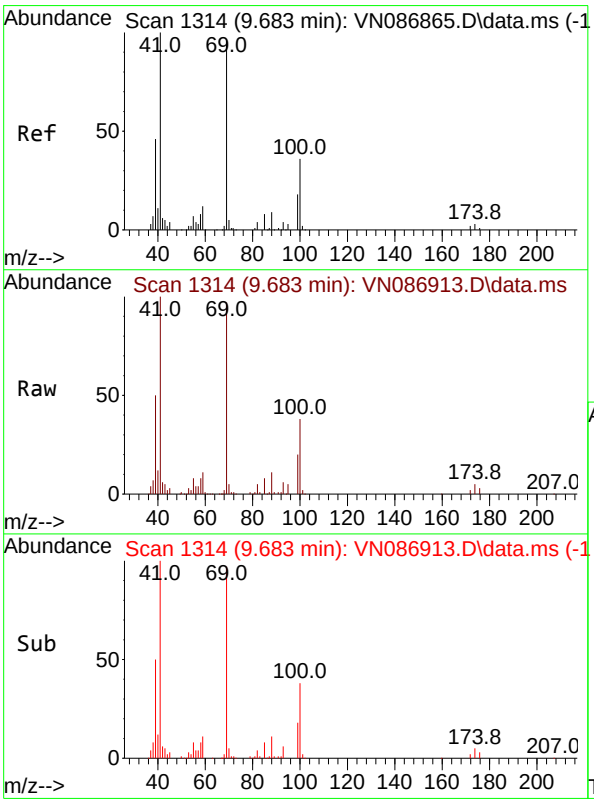
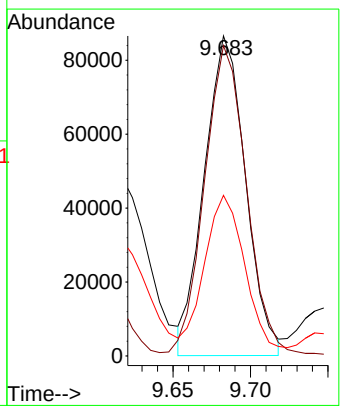
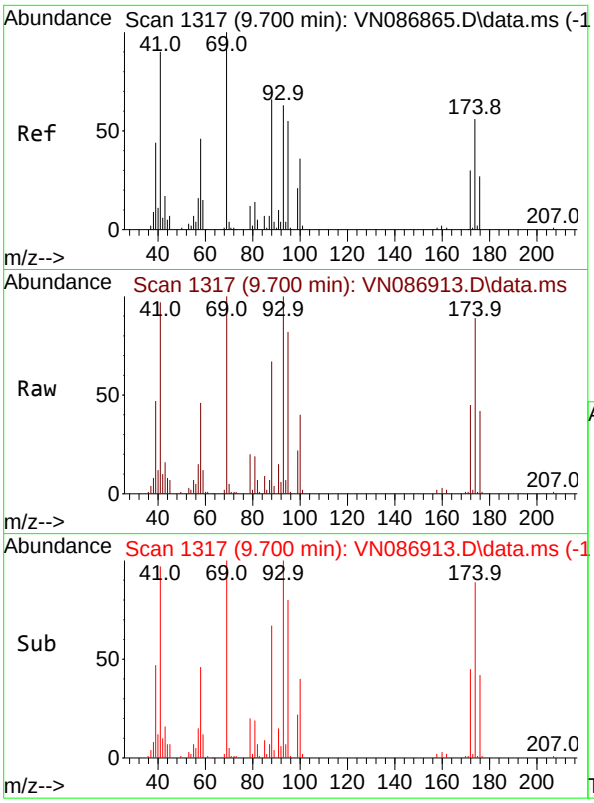


#48
Methyl methacrylate
Concen: 45.601 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 41 Resp: 159853

Ion	Ratio	Lower	Upper
41	100		
69	99.2	74.6	112.0
39	50.8	40.2	60.4





#49
1,4-Dioxane
Concen: 892.983 ug/l
RT: 9.700 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 88 Resp: 5694

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.0	57.7	86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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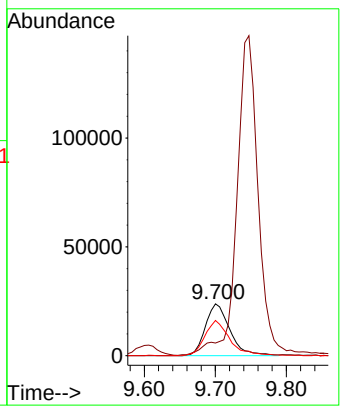
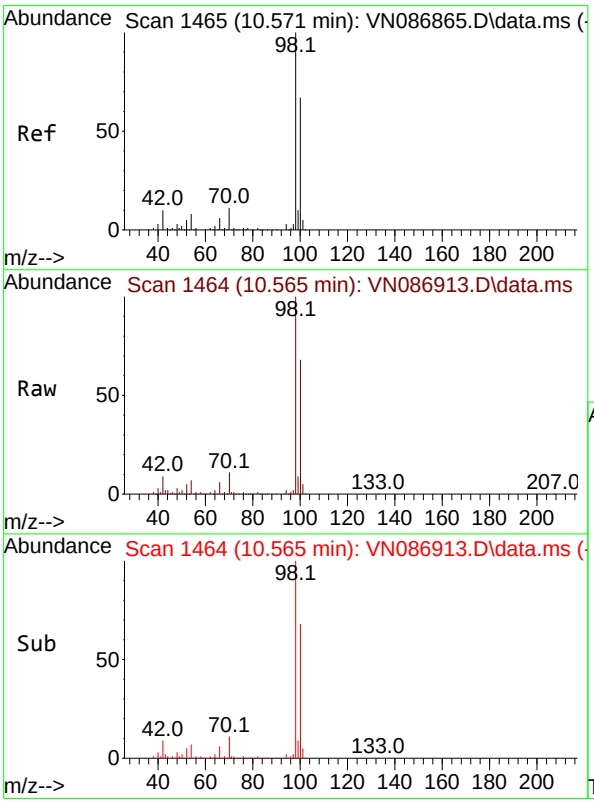
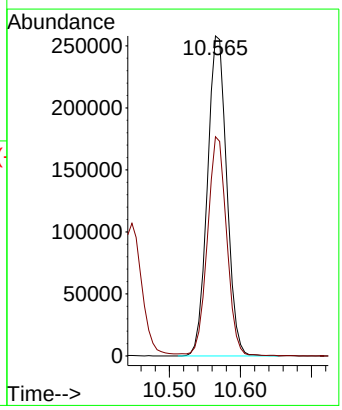


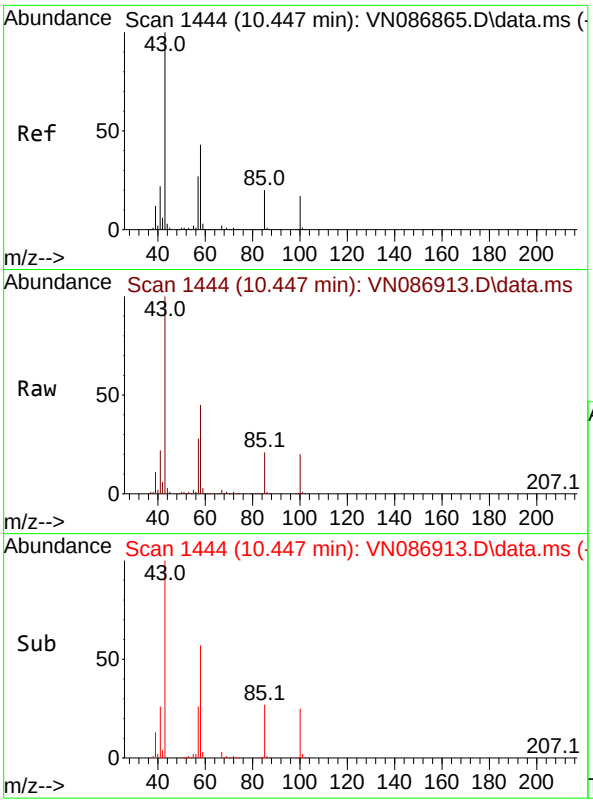


#50
Toluene-d8
Concen: 49.146 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 98 Resp: 486698

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.4	80.0

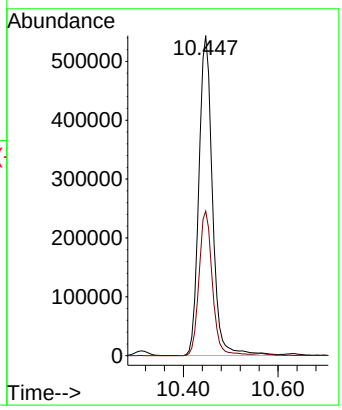




#51
4-Methyl-2-Pentanone
Concen: 235.975 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 108194

Ion	Ratio	Lower	Upper
43	100		
58	44.4	34.2	51.4



Instrument :
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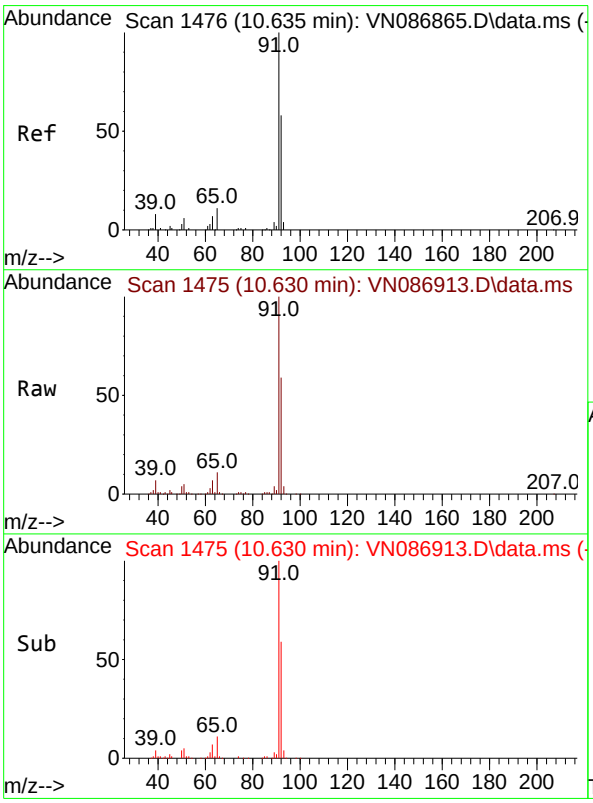
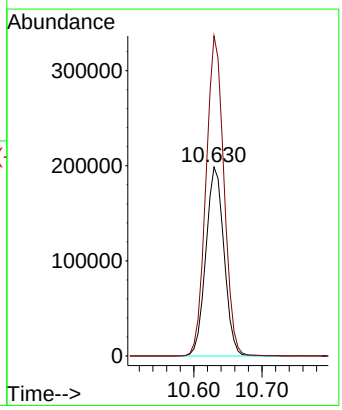
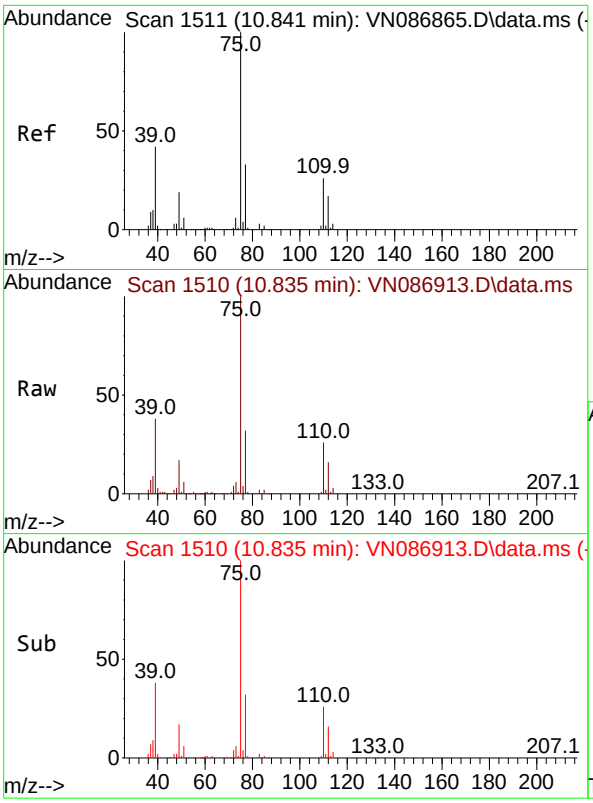


#52
Toluene
Concen: 49.345 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 92 Resp: 367587

Ion	Ratio	Lower	Upper
92	100		
91	167.7	136.5	204.7

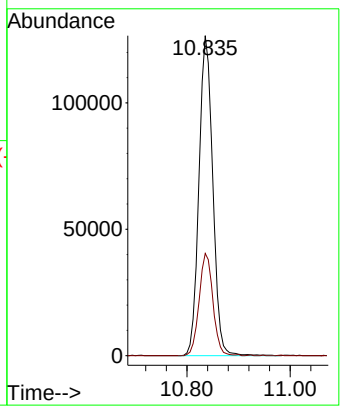




#53
t-1,3-Dichloropropene
Concen: 51.759 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 75 Resp: 23455

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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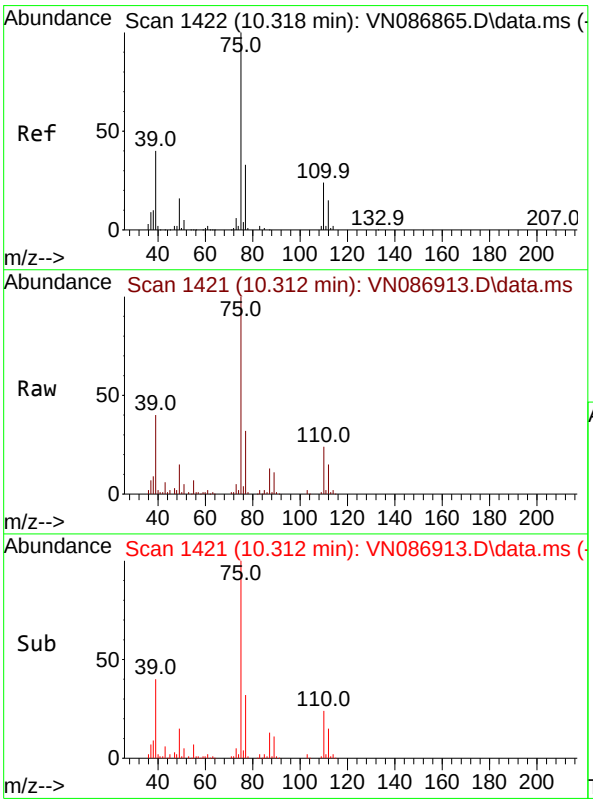
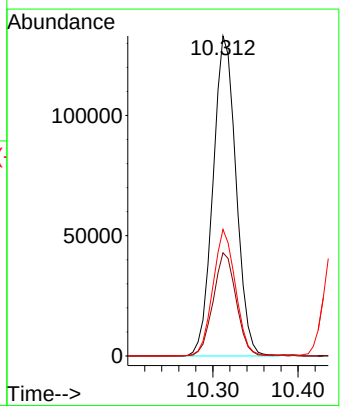
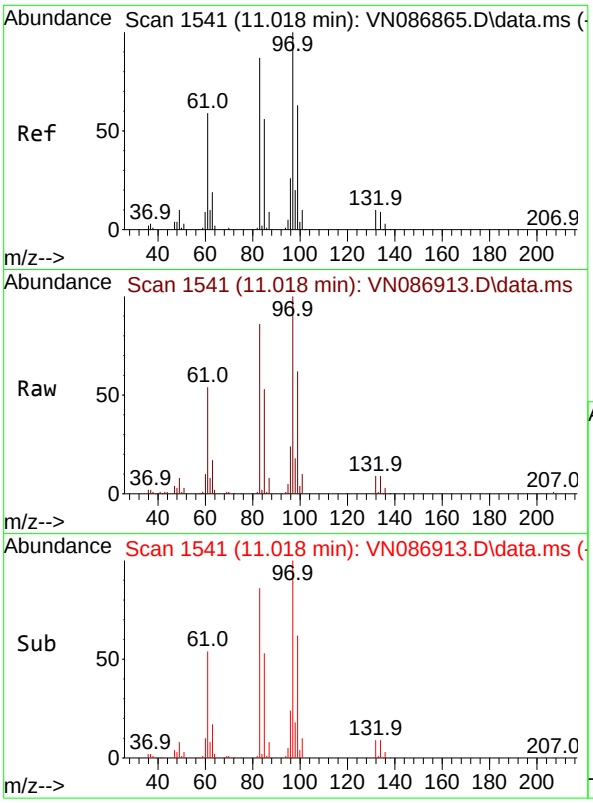


#54
cis-1,3-Dichloropropene
Concen: 51.506 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 75 Resp: 249744

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.4
39	39.4	32.3	48.5

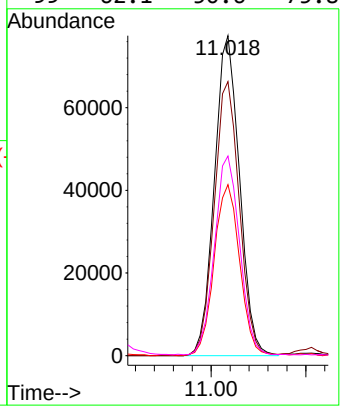




#55
1,1,2-Trichloroethane
Concen: 49.785 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 97 Resp: 14270

Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.7	104.5
85	53.4	45.1	67.7
99	62.1	50.6	75.8



Instrument :
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ClientSampleId :
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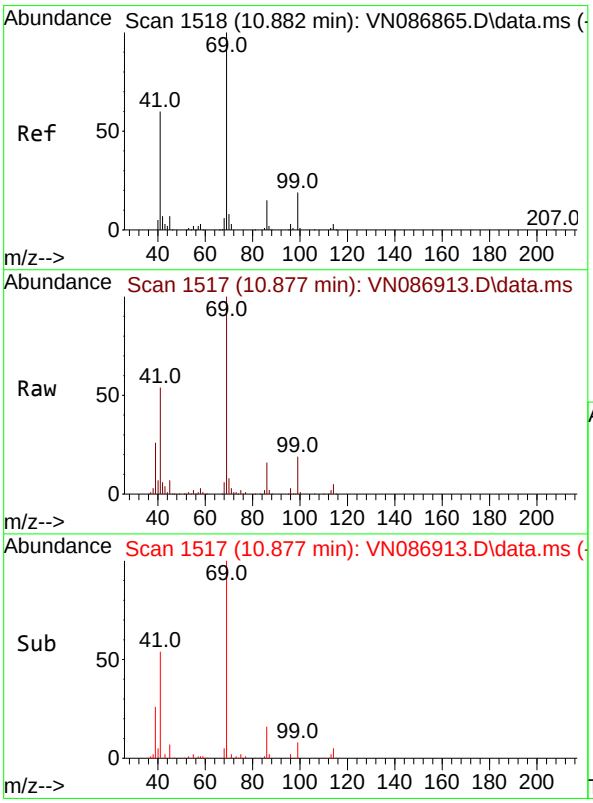
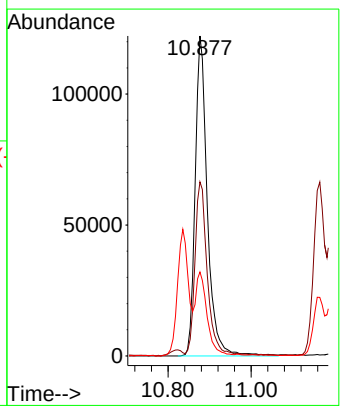
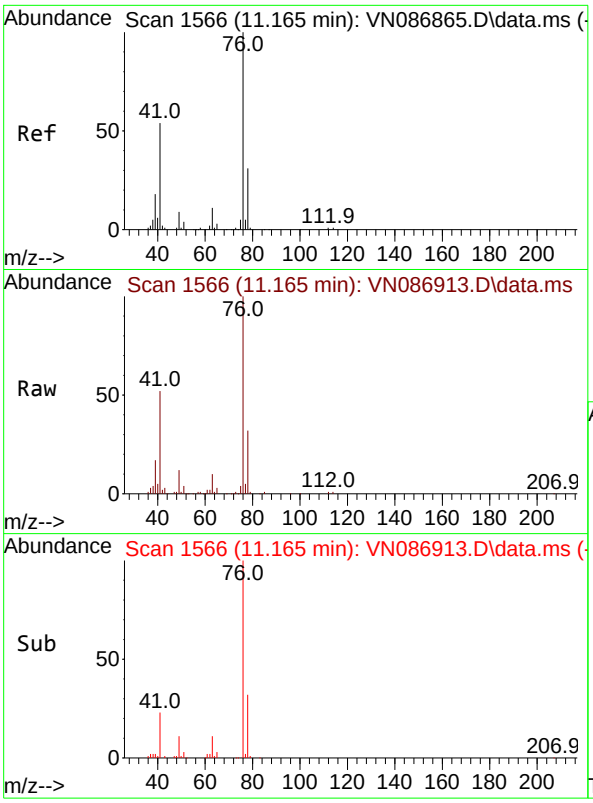


#56
Ethyl methacrylate
Concen: 54.447 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 69 Resp: 248574

Ion	Ratio	Lower	Upper
69	100		
41	54.6	47.2	70.8
39	24.1	23.0	34.6

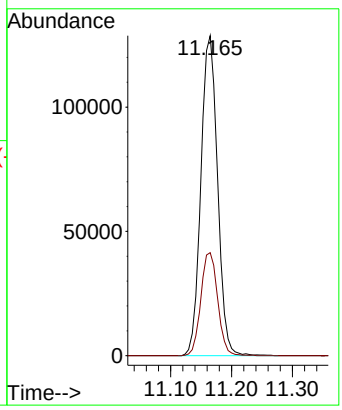




#57
1,3-Dichloropropane
Concen: 49.255 ug/l
RT: 11.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 76 Resp: 24491

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.3	37.9



Instrument :
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ClientSampleId :
VSTDCCC050

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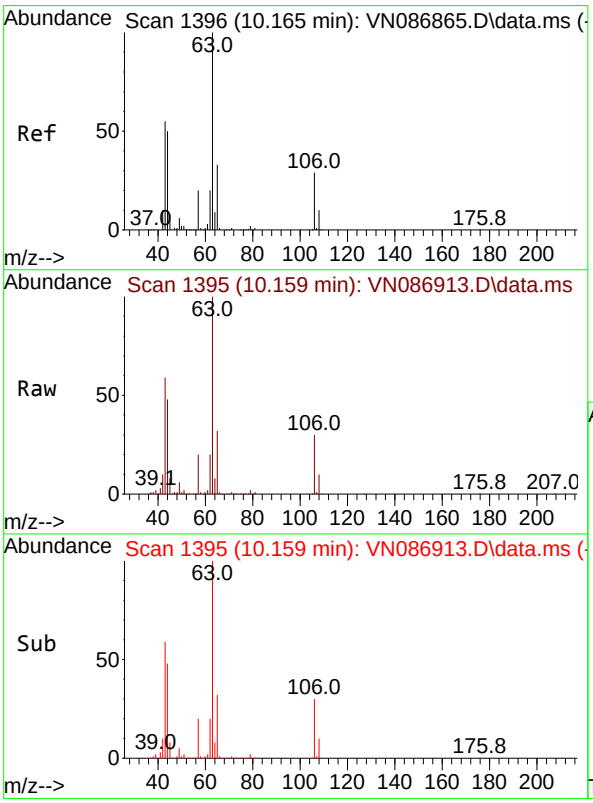
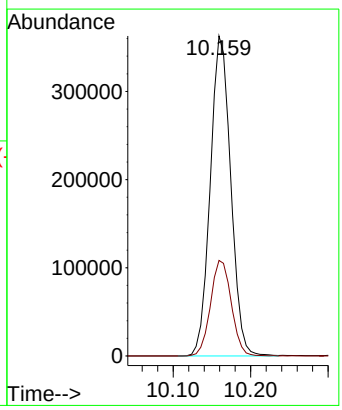
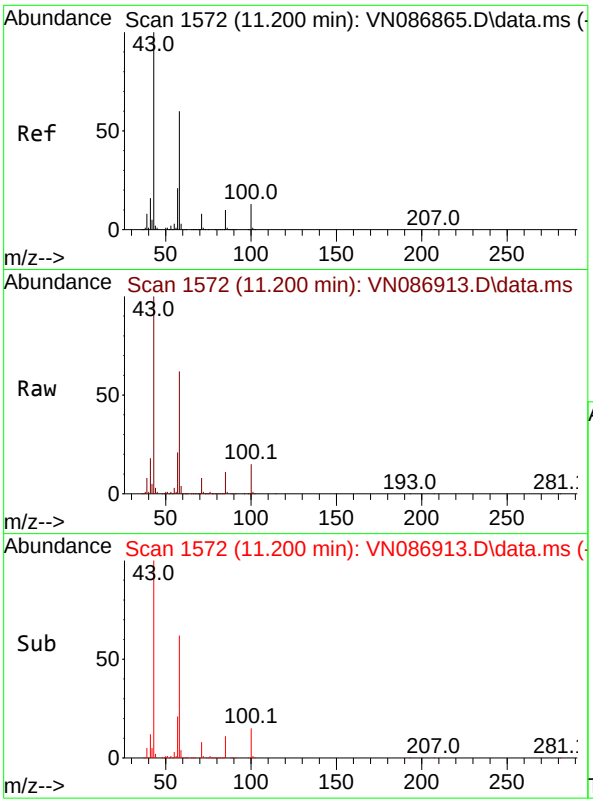


#58
2-Chloroethyl Vinyl ether
Concen: 244.474 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 63 Resp: 665707

Ion	Ratio	Lower	Upper
63	100		
106	30.3	23.0	34.6





#59
2-Hexanone
Concen: 242.131 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 71509

Ion	Ratio	Lower	Upper
43	100		
58	66.5	30.4	91.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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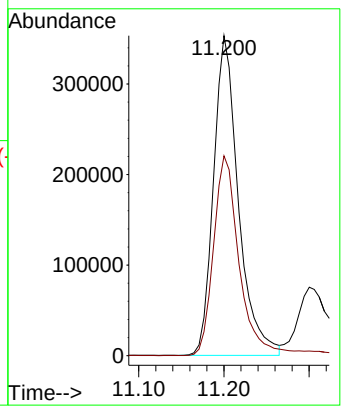
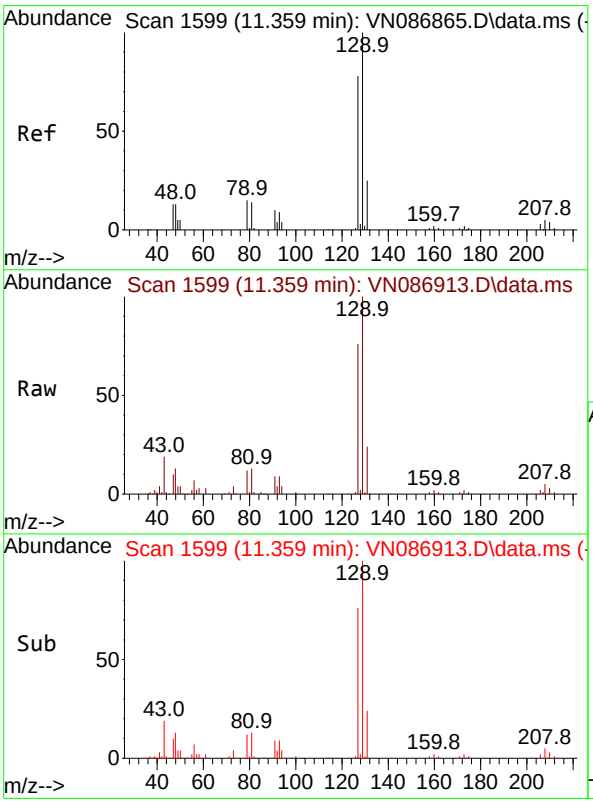
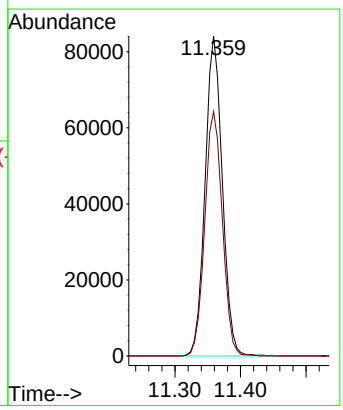


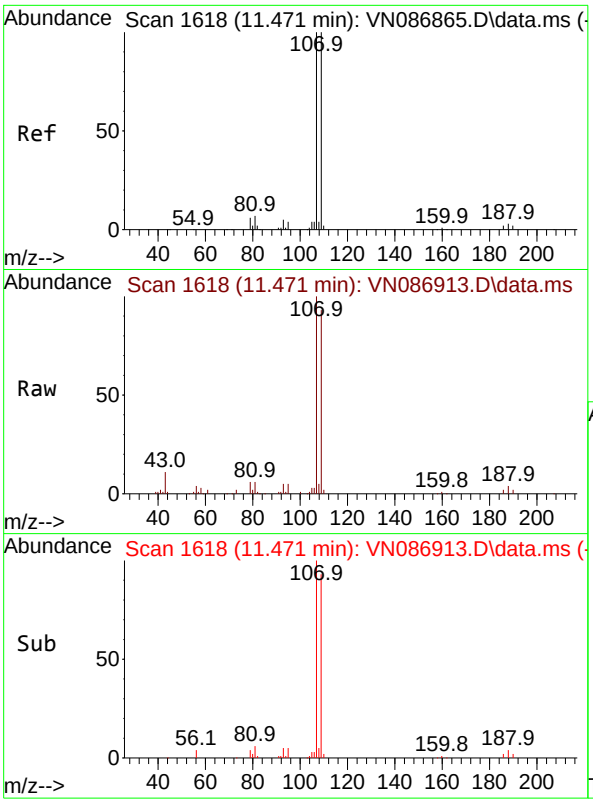


#60
Dibromochloromethane
Concen: 51.366 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:129 Resp: 153400

Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.6	115.8

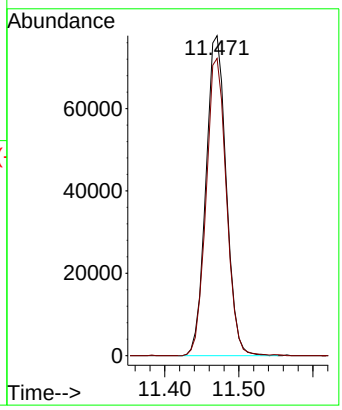




#61
1,2-Dibromoethane
Concen: 50.307 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:107 Resp: 14780

Ion	Ratio	Lower	Upper
107	100		
109	92.7	76.3	114.5



Instrument :
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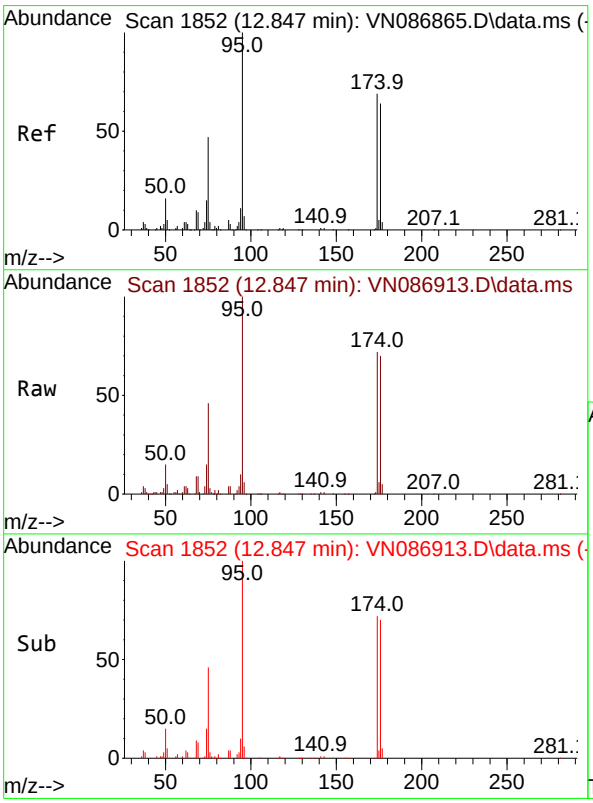
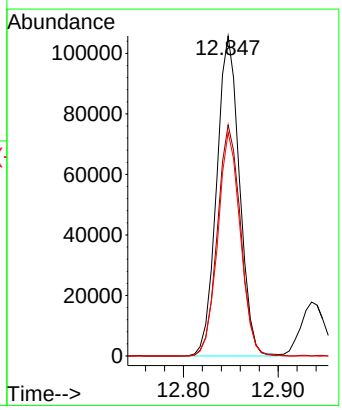
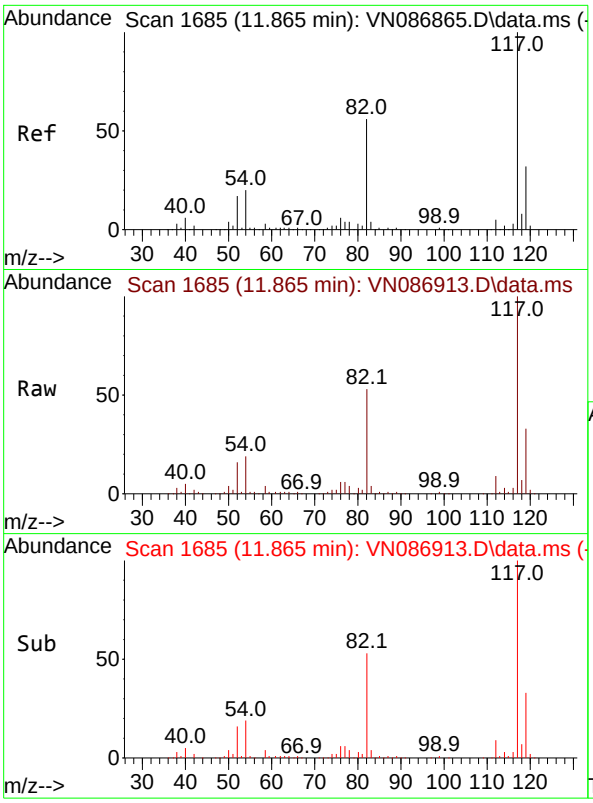


#62
4-Bromofluorobenzene
Concen: 48.131 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 95 Resp: 177087

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.8
176	69.1	0.0	132.6

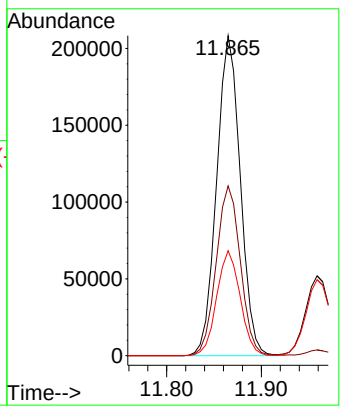




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:117 Resp: 36228

Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.6	67.0
119	32.8	25.5	38.3



Instrument :
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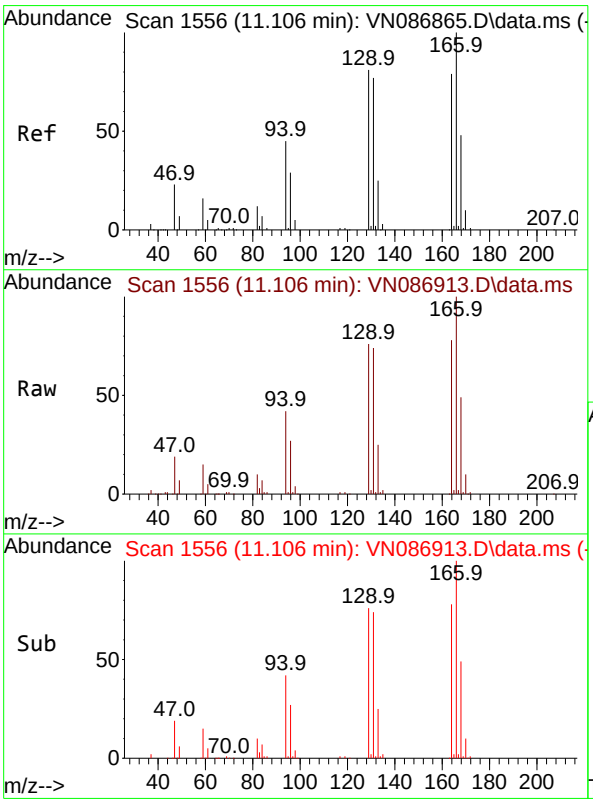
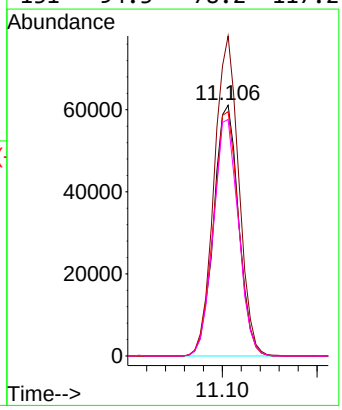
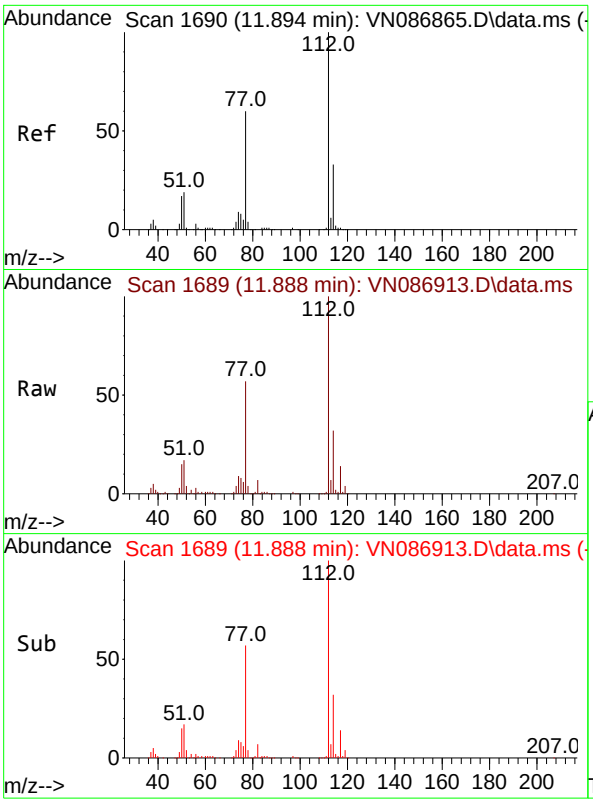


#64
Tetrachloroethene
Concen: 48.675 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:164 Resp: 111601

Ion	Ratio	Lower	Upper
164	100		
166	127.6	101.8	152.8
129	97.4	83.0	124.4
131	94.3	78.2	117.2

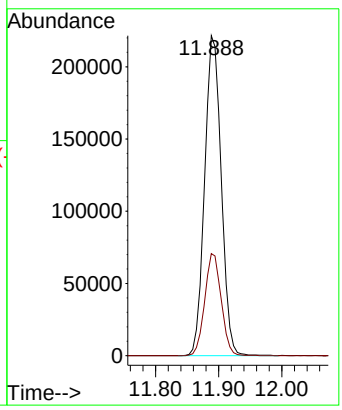




#65
Chlorobenzene
Concen: 50.661 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:112 Resp: 40479

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.2	39.2



Instrument :
MSVOA_N
ClientSampleId :
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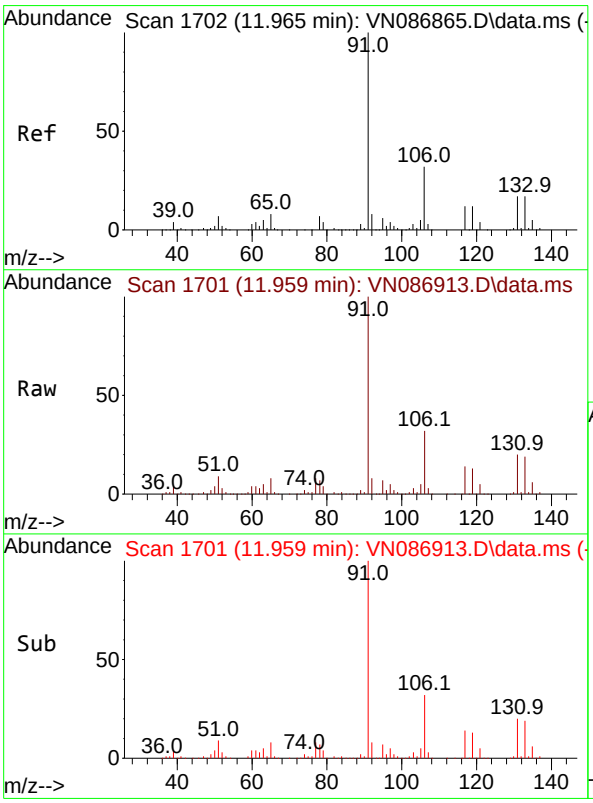
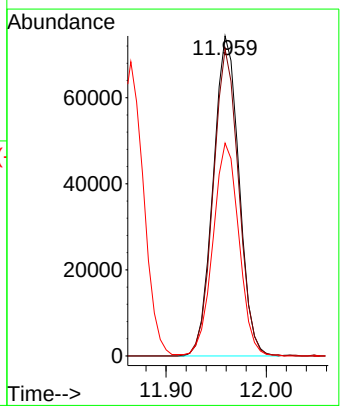
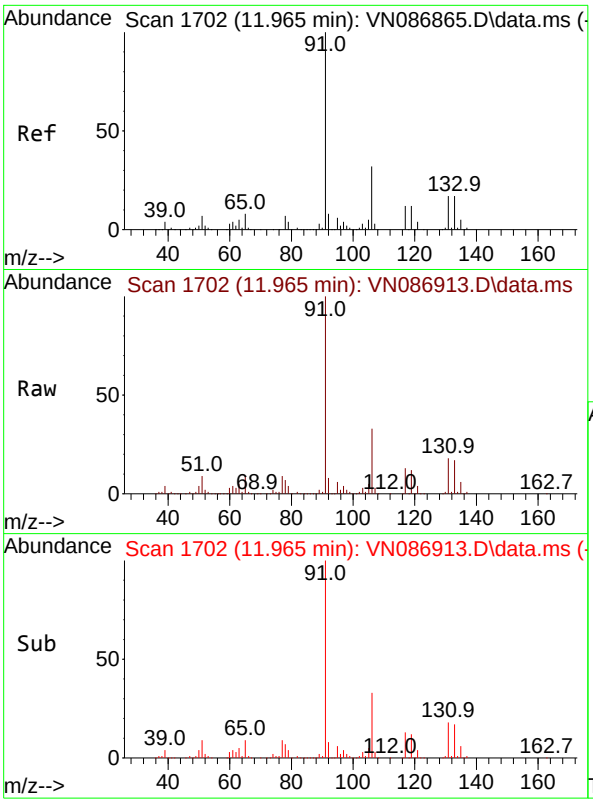


#66
1,1,1,2-Tetrachloroethane
Concen: 51.699 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:131 Resp: 132787

Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.3	144.8
119	67.2	34.0	101.8

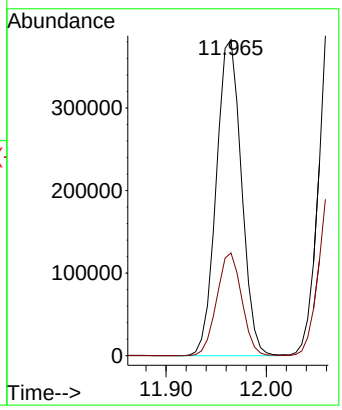




#67
Ethyl Benzene
Concen: 48.548 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 91 Resp: 66817

Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
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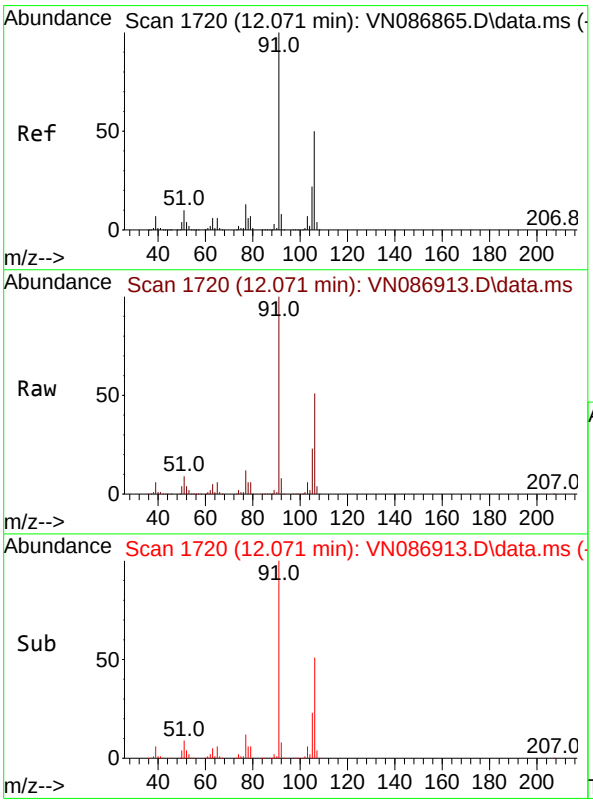
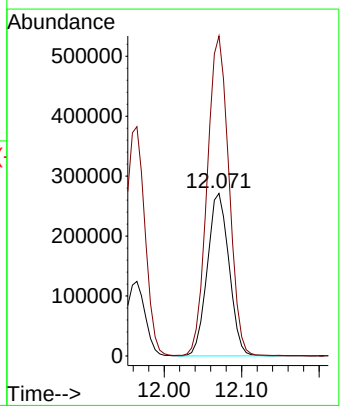
Supervised By :Mahesh Dadoda 06/11/2025

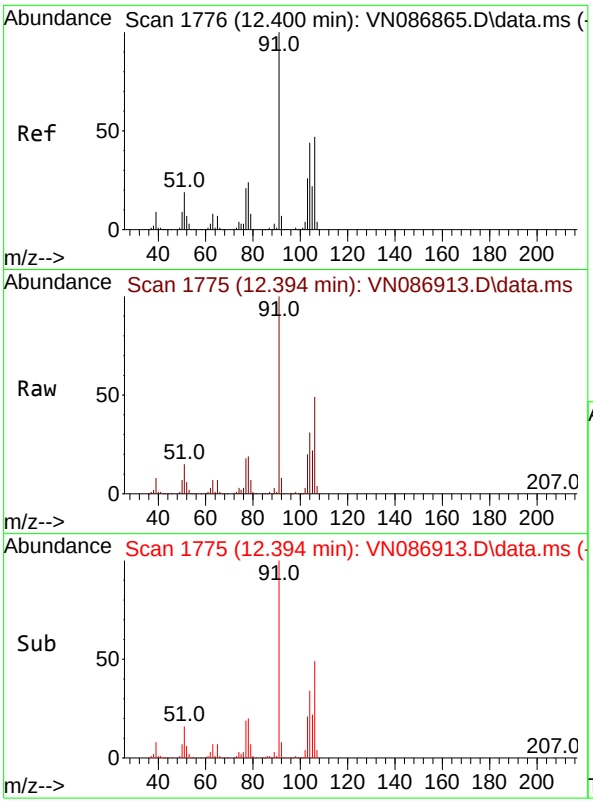


#68
m/p-Xylenes
Concen: 99.975 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:106 Resp: 526722

Ion	Ratio	Lower	Upper
106	100		
91	198.0	159.4	239.0





#69
o-Xylene
Concen: 51.297 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:106 Resp: 25883

Ion	Ratio	Lower	Upper
106	100		
91	204.6	106.1	318.1

Instrument :
MSVOA_N
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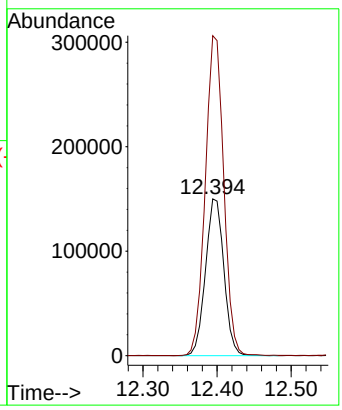
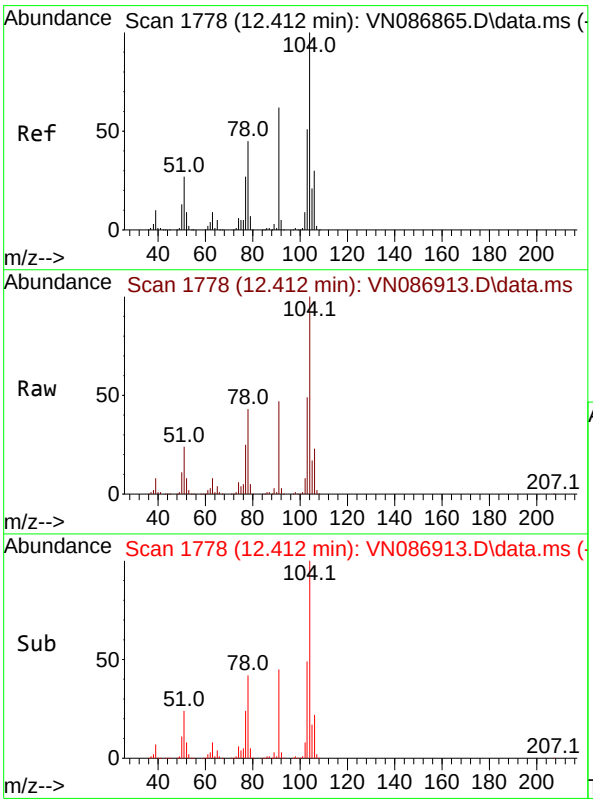
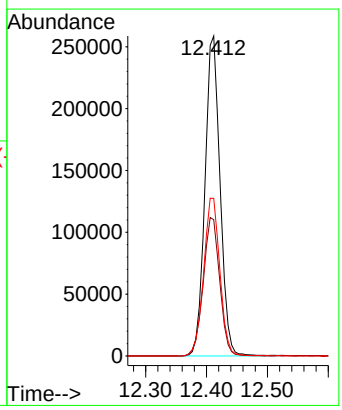


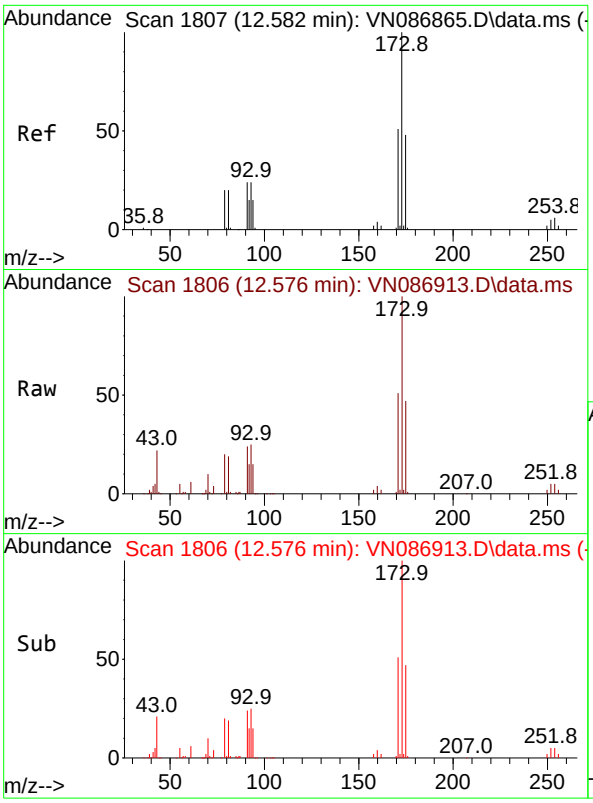


#70
Styrene
Concen: 51.704 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:104 Resp: 446437

Ion	Ratio	Lower	Upper
104	100		
78	46.9	38.5	57.7
103	53.0	43.1	64.7

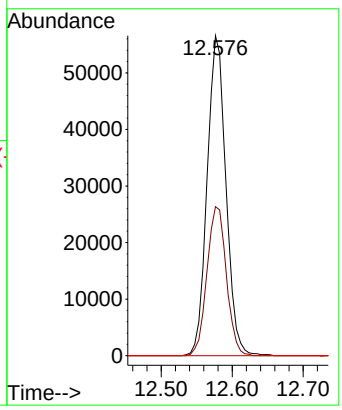




#71
Bromoform
Concen: 54.693 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:173 Resp: 10408

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.4
254	0.0	0.0	0.0



Instrument :
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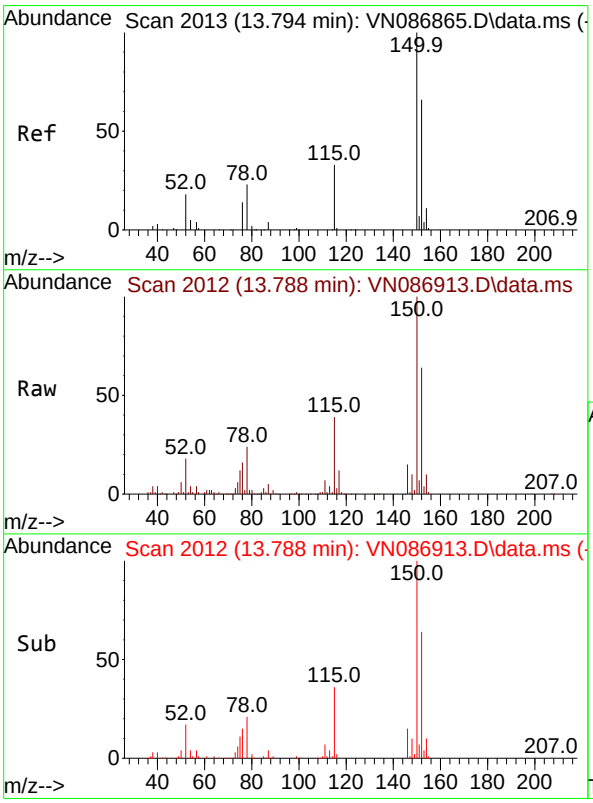
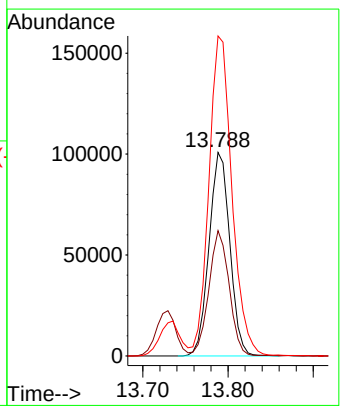
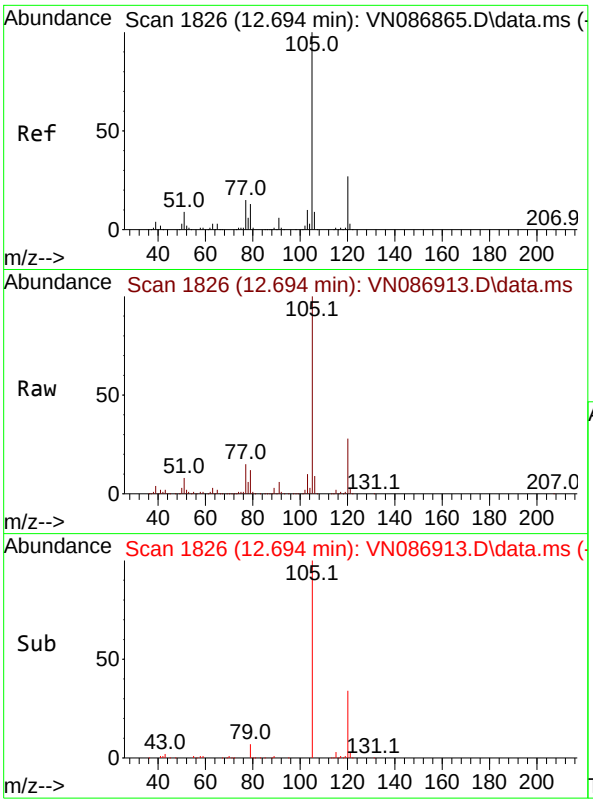


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:152 Resp: 170987

Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.1	90.5
150	174.7	0.0	345.0





#73
Isopropylbenzene
Concen: 49.917 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:105 Resp: 62179

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.4

Instrument :
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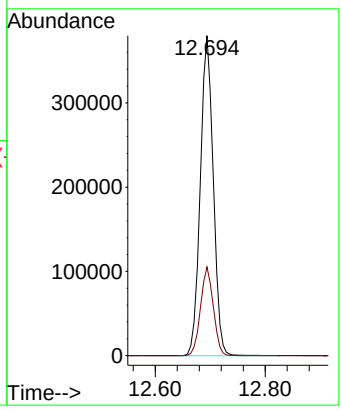
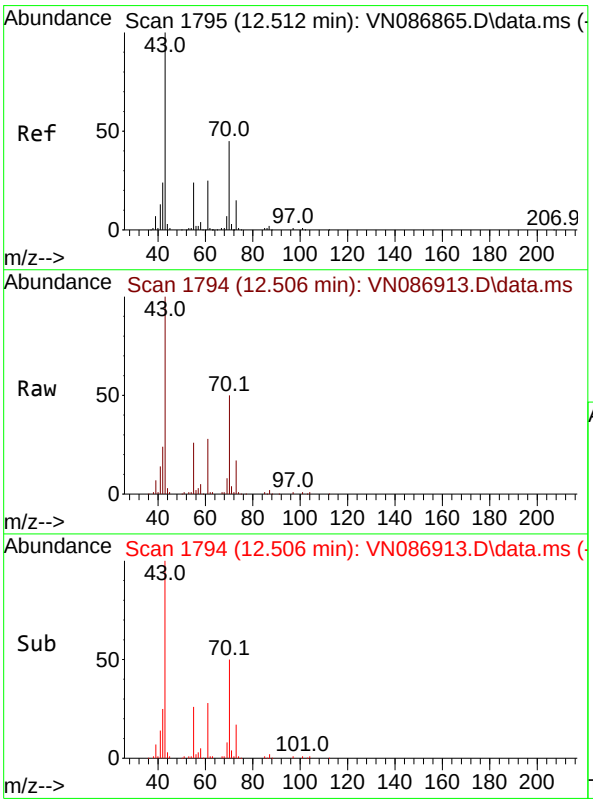
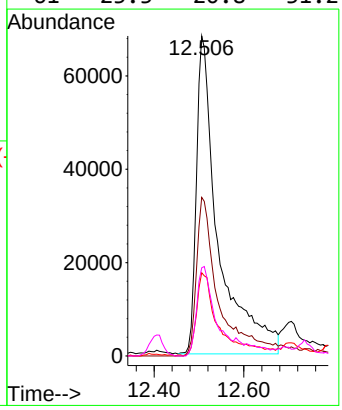


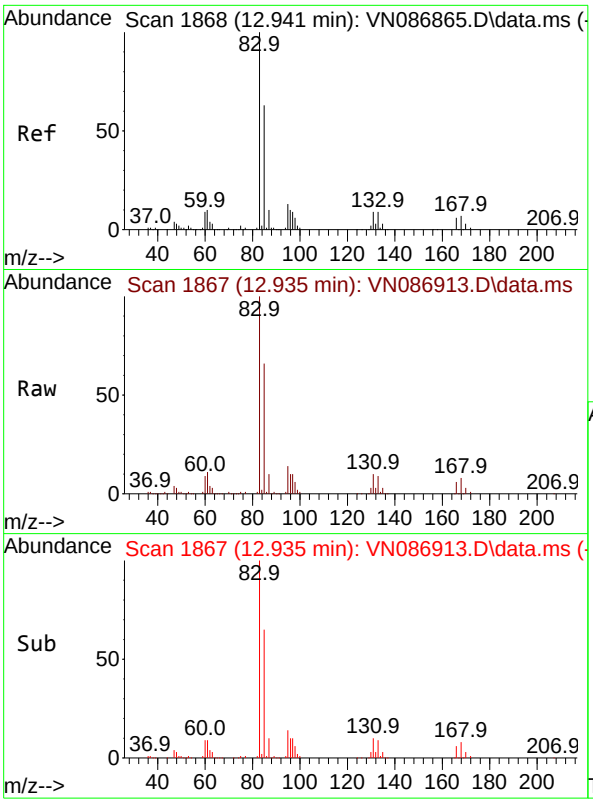


#74
N-amyl acetate
Concen: 53.204 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 231590

Ion	Ratio	Lower	Upper
43	100		
70	52.9	37.6	56.4
55	27.1	19.0	28.6
61	23.3	20.8	31.2

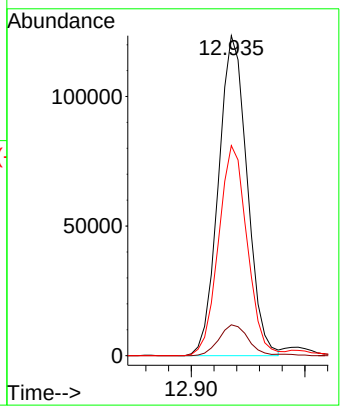




#75
1,1,2,2-Tetrachloroethane
Concen: 51.363 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 83 Resp: 21675

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	65.6	32.0	96.0



Instrument :
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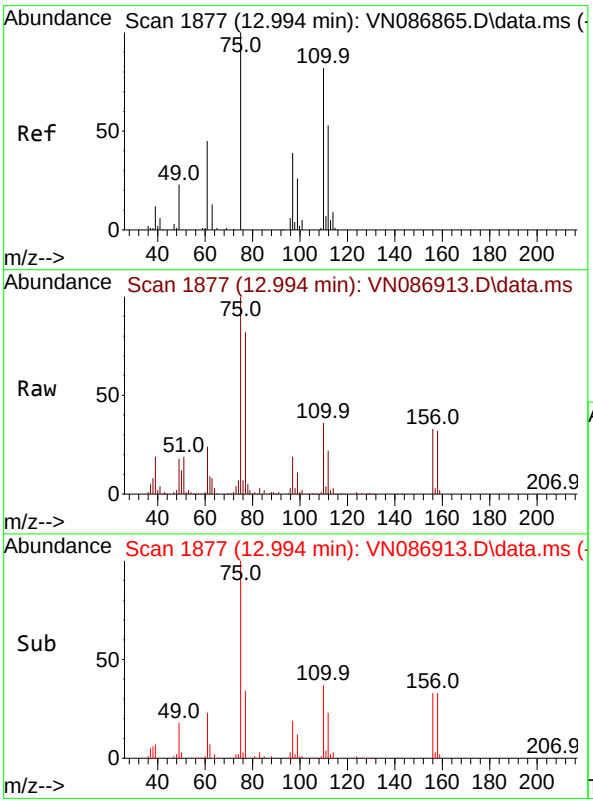
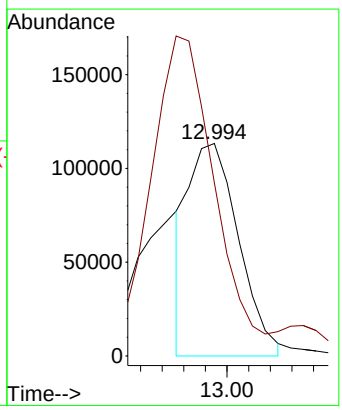
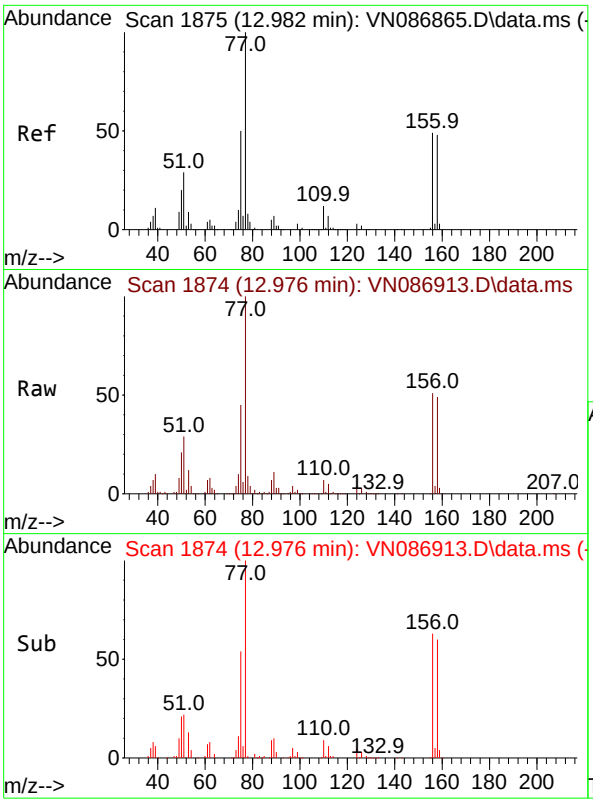


#76
1,2,3-Trichloropropane
Concen: 44.986 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 75 Resp: 182840

Ion	Ratio	Lower	Upper
75	100		
77	192.1	79.3	237.9

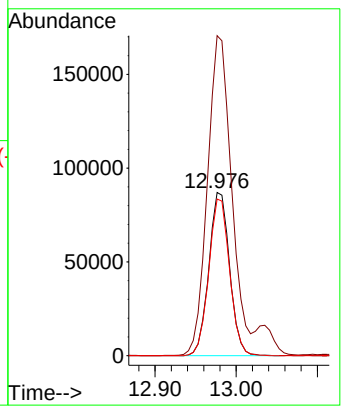




#77
Bromobenzene
Concen: 54.054 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:156 Resp: 15441

Ion	Ratio	Lower	Upper
156	100		
77	227.4	117.7	353.1
158	96.3	48.1	144.4



Instrument :
MSVOA_N
ClientSampleId :
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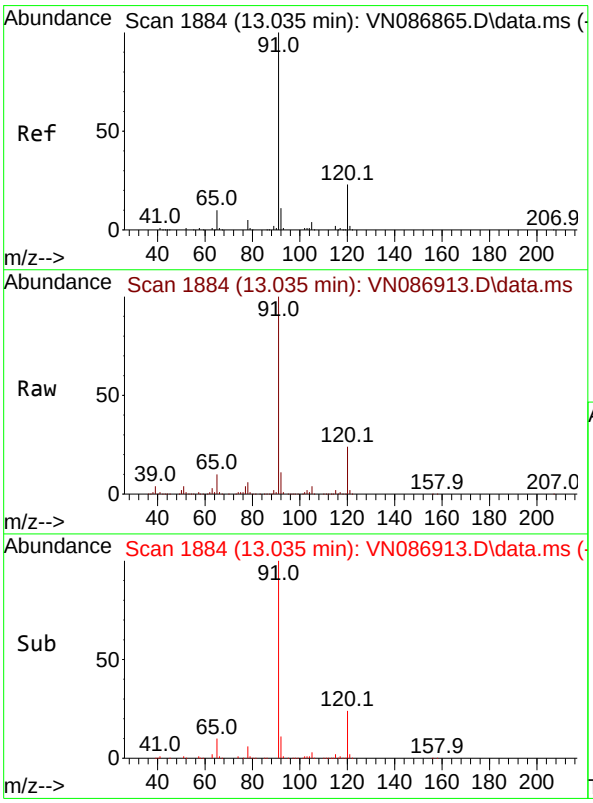
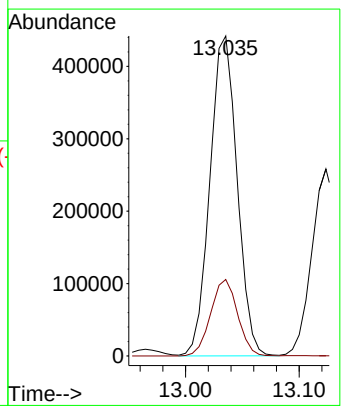
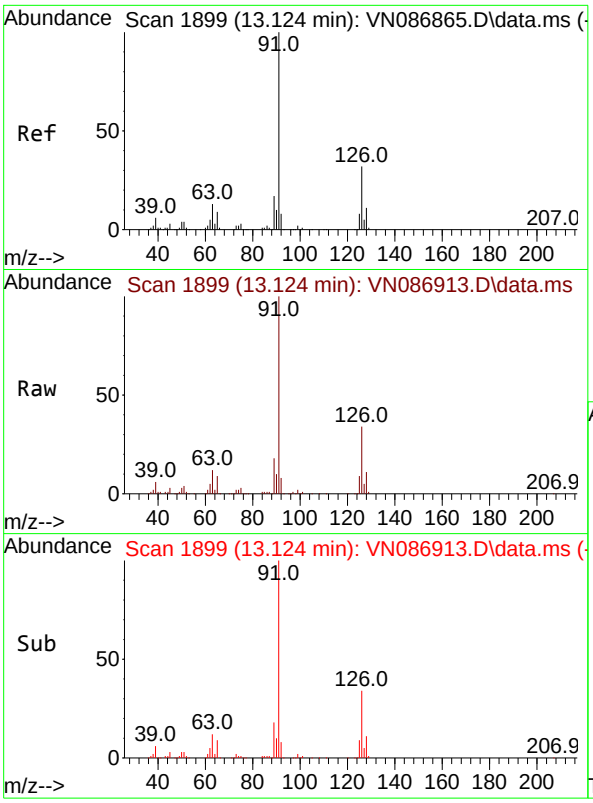


#78
n-propylbenzene
Concen: 48.621 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 91 Resp: 736021

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.4	34.2

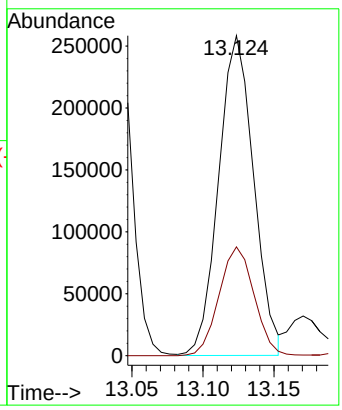




#79
2-Chlorotoluene
Concen: 48.865 ug/l
RT: 13.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 91 Resp: 44361

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.2	48.5



Instrument :
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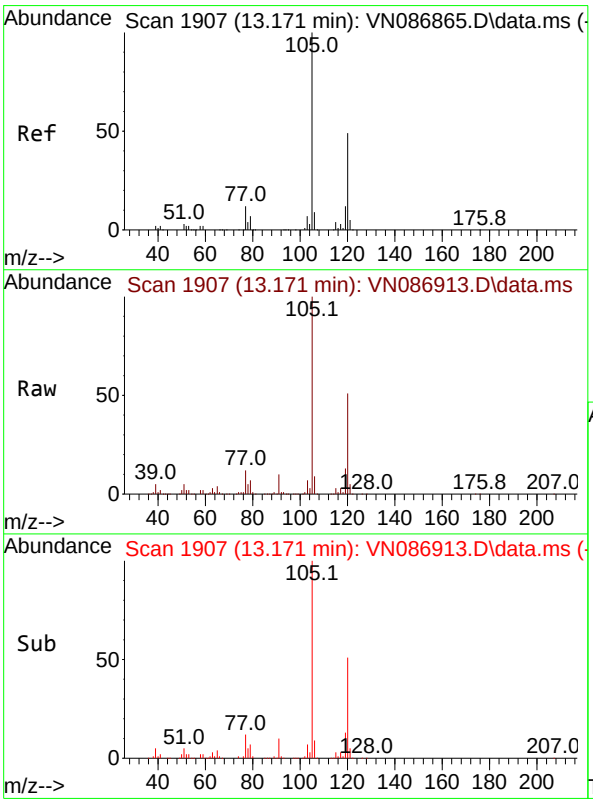
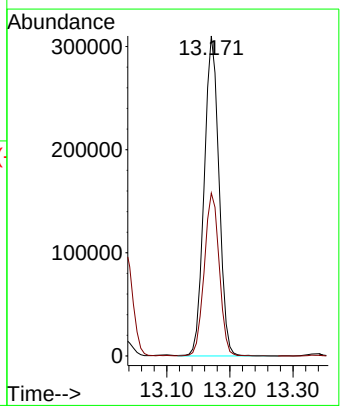
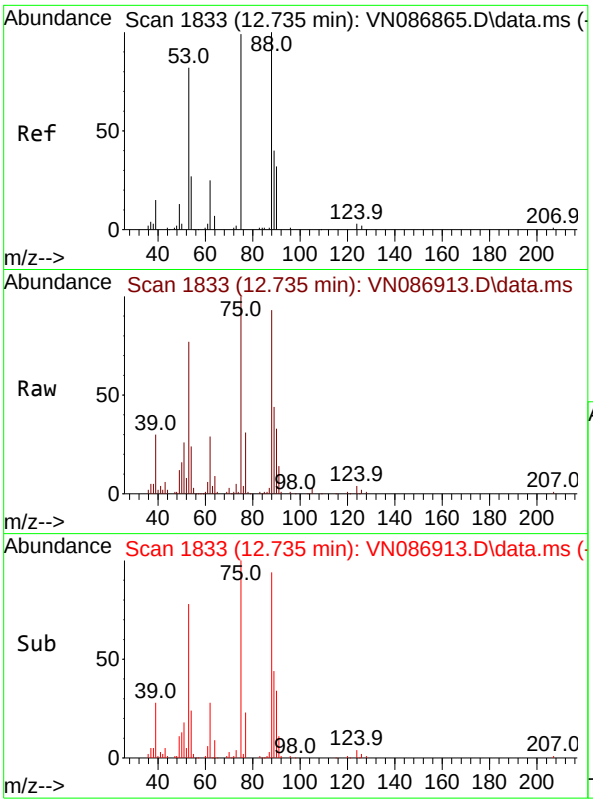


#80
1,3,5-Trimethylbenzene
Concen: 49.161 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:105 Resp: 505593

Ion	Ratio	Lower	Upper
105	100		
120	51.4	24.9	74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 52.029 ug/l m
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 75 Resp: 9186

Ion	Ratio	Lower	Upper
75	100		
53	80.7	66.6	99.8
89	48.3	36.7	55.1

Instrument :
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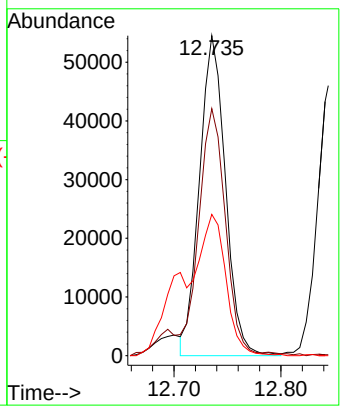
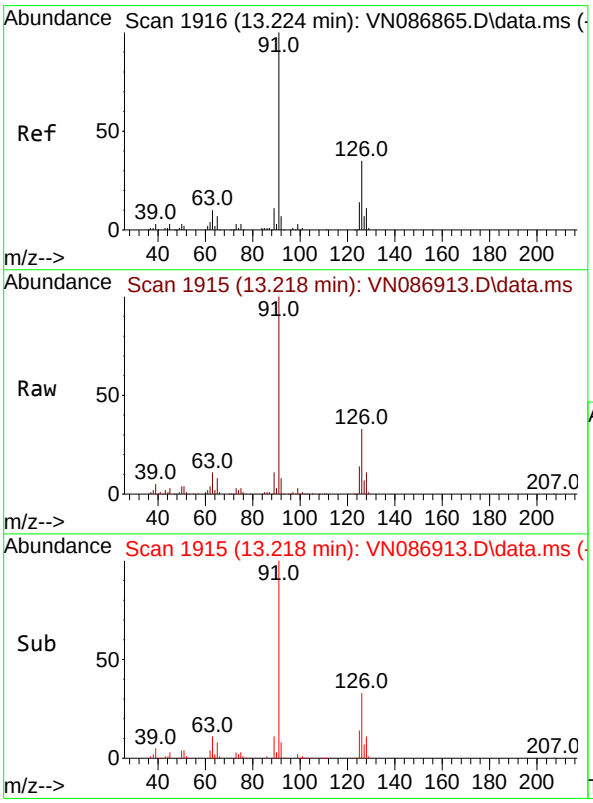
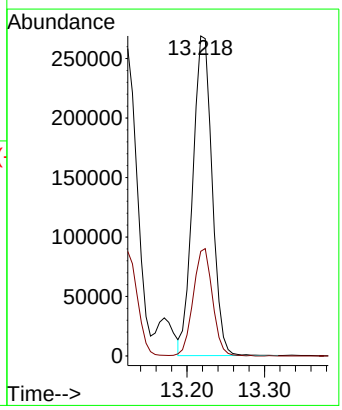


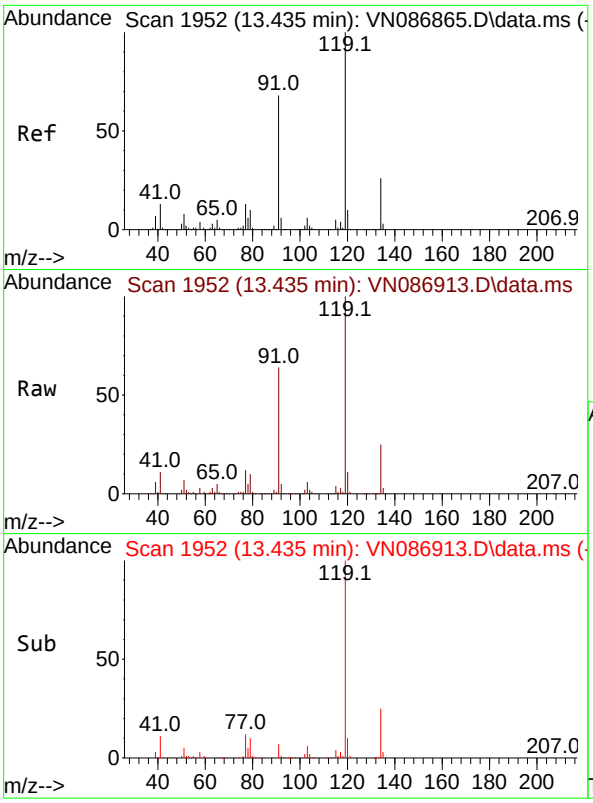


#82
4-Chlorotoluene
Concen: 50.423 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 91 Resp: 463176

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.7	50.1

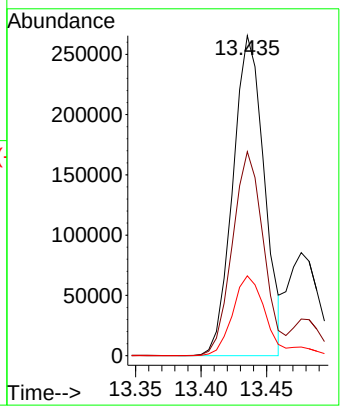




#83
tert-Butylbenzene
Concen: 46.840 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:119 Resp: 44095

Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.1	96.5
134	27.5	13.4	40.1



Instrument :
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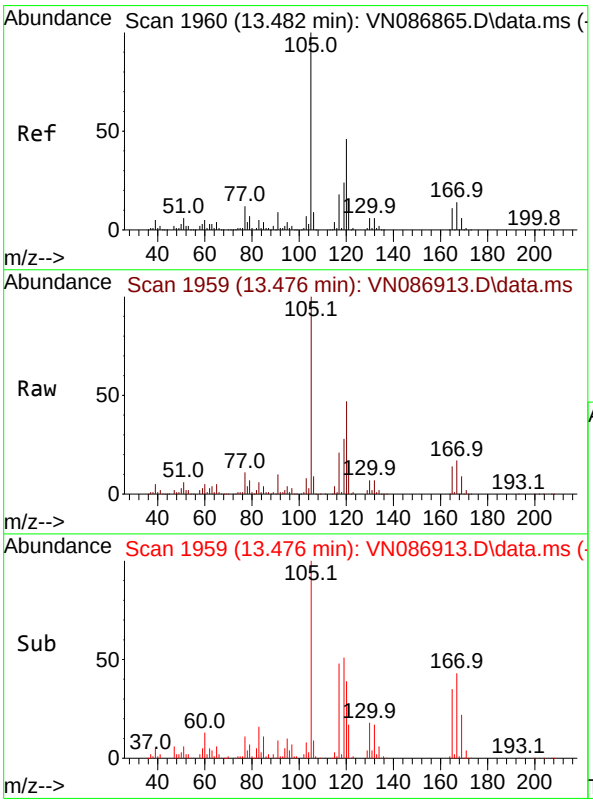
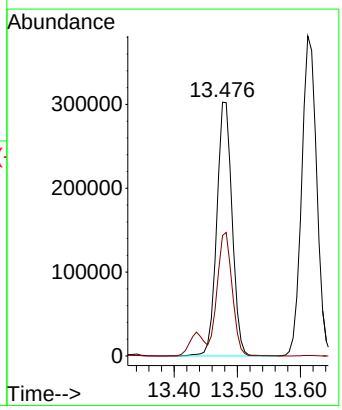
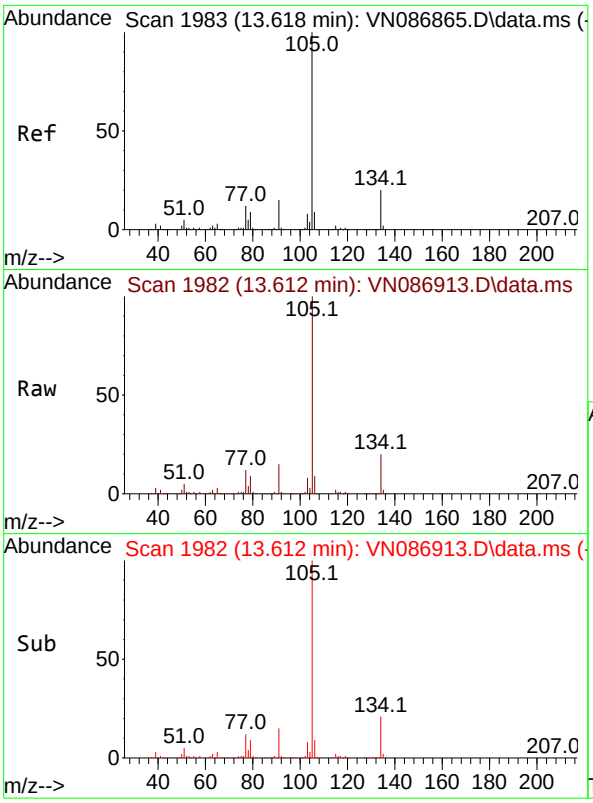


#84
1,2,4-Trimethylbenzene
Concen: 49.422 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:105 Resp: 509675

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.6

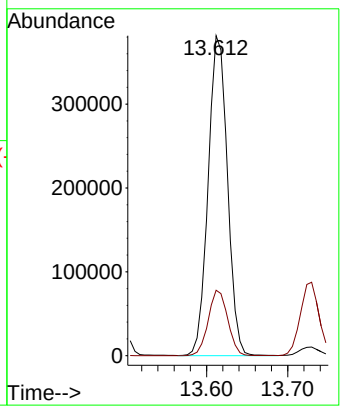




#85
sec-Butylbenzene
Concen: 46.060 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:105 Resp: 62970

Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.0	30.0



Instrument :
MSVOA_N
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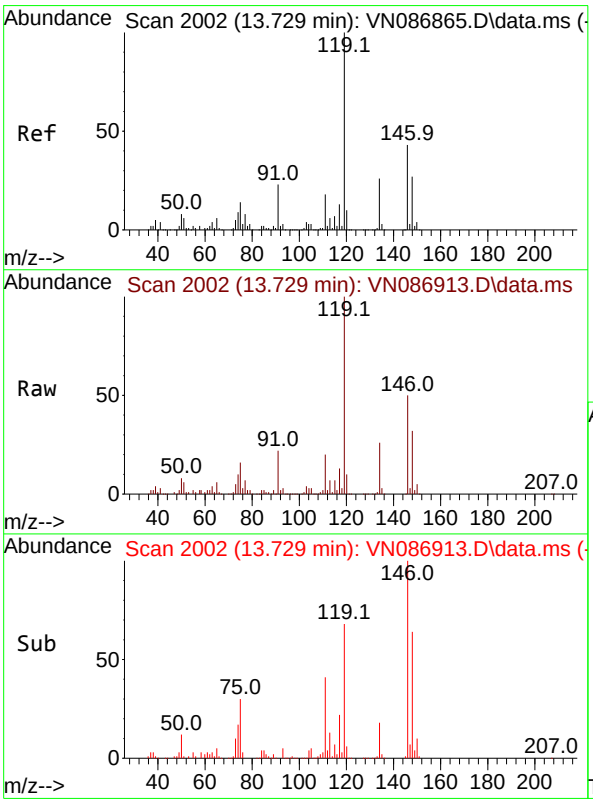
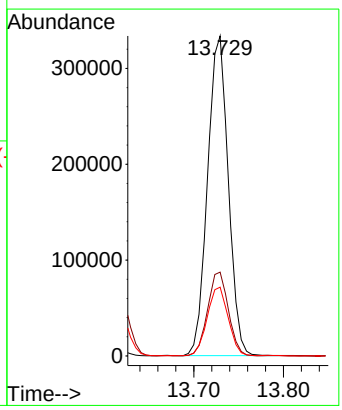
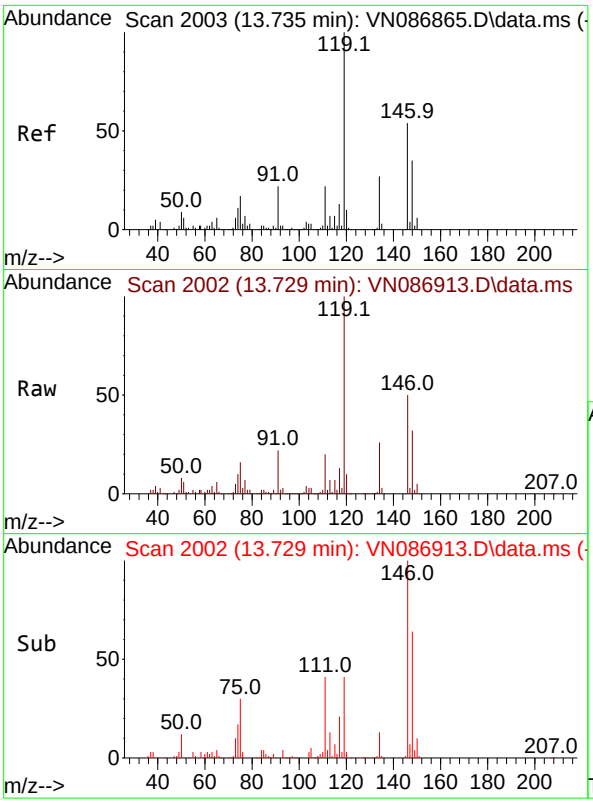


#86
p-Isopropyltoluene
Concen: 47.367 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:119 Resp: 535293

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.4
91	21.7	11.5	34.4

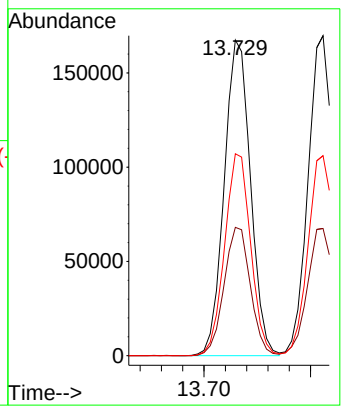




#87
1,3-Dichlorobenzene
Concen: 51.039 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:146 Resp: 28686

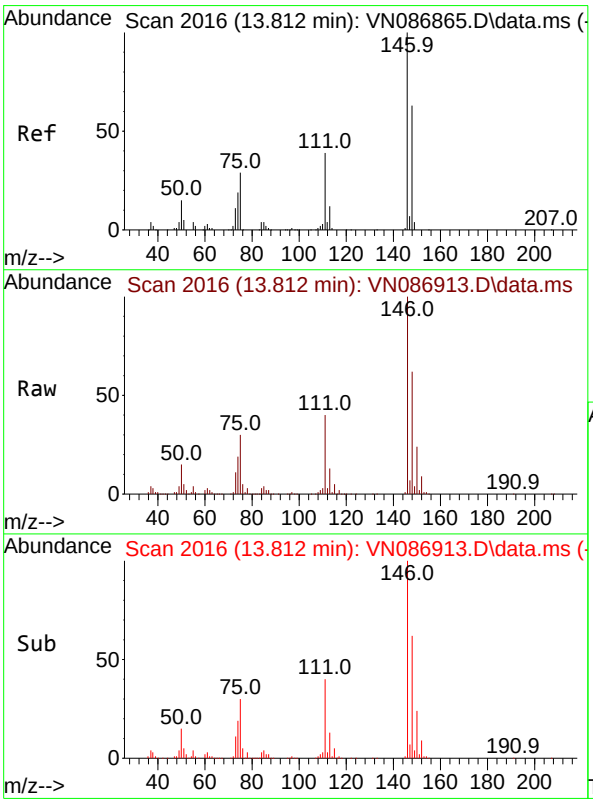
Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.9	62.8
148	63.5	32.0	96.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

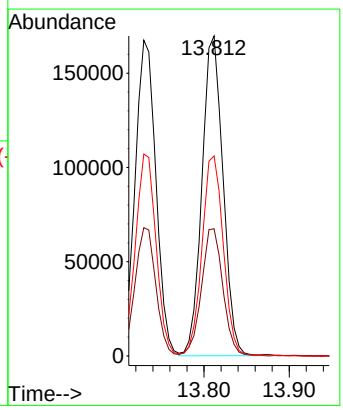
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

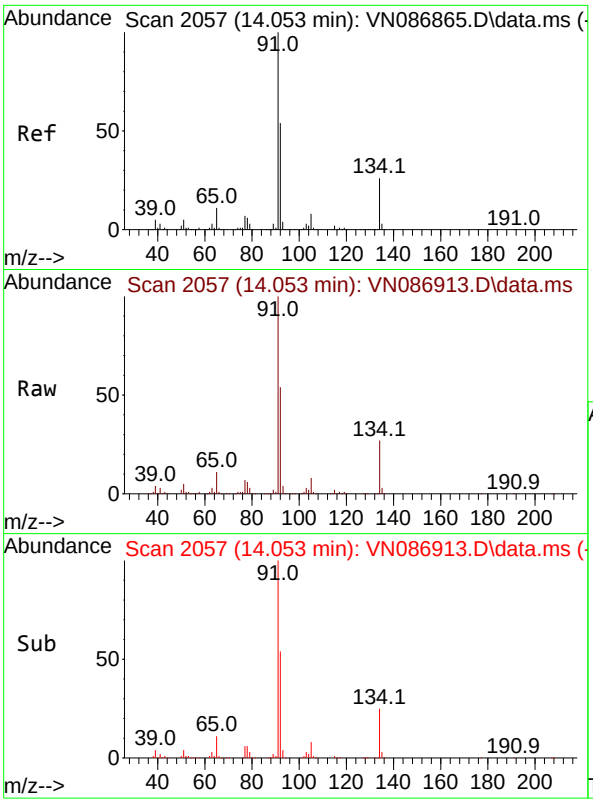


#88
1,4-Dichlorobenzene
Concen: 50.774 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:146 Resp: 290947

Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	63.4	31.8	95.4





#89
n-Butylbenzene
Concen: 44.380 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

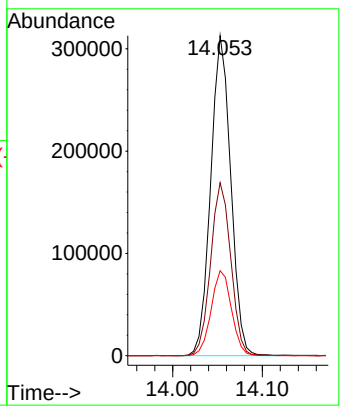
Tgt Ion: 91 Resp: 48579

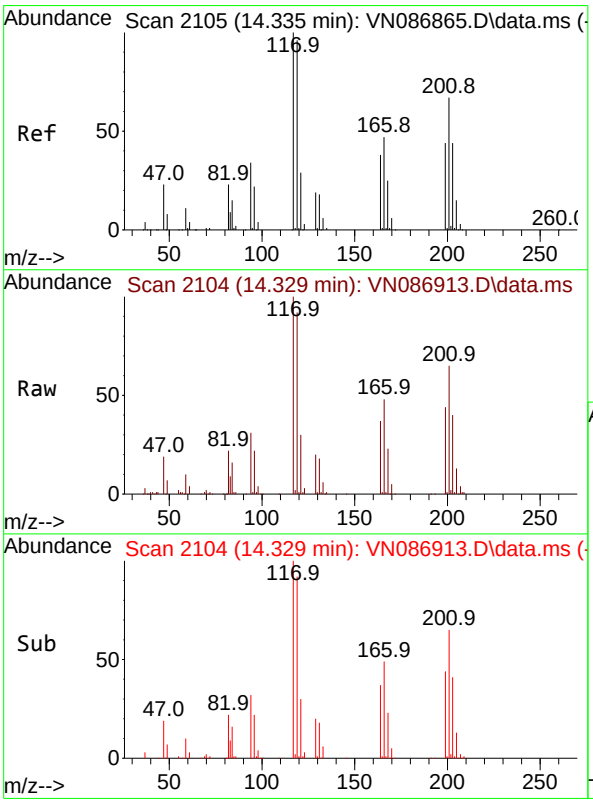
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.5	82.4
134	26.9	13.0	39.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

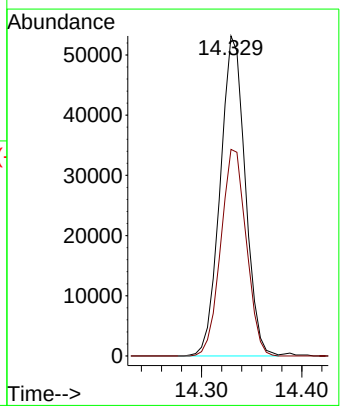


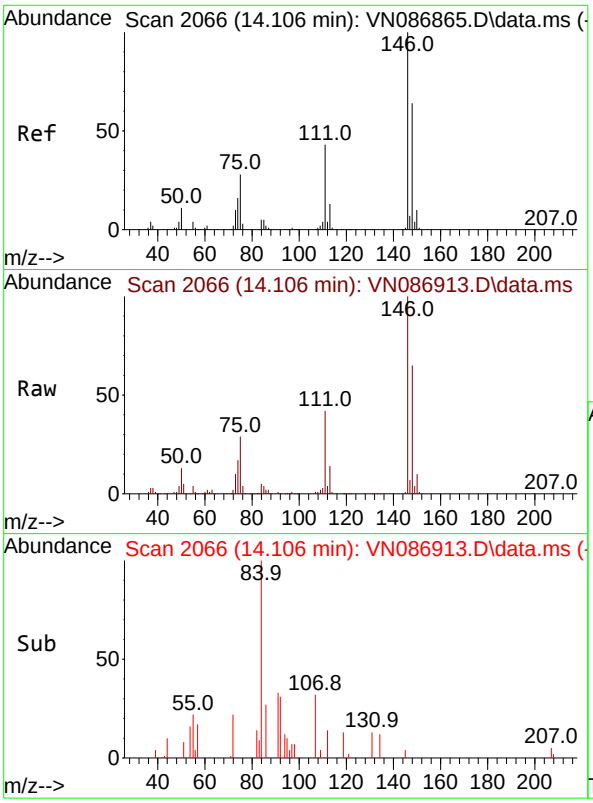


#90
Hexachloroethane
Concen: 48.027 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:117 Resp: 92000

Ion	Ratio	Lower	Upper
117	100		
201	65.8	33.2	99.6

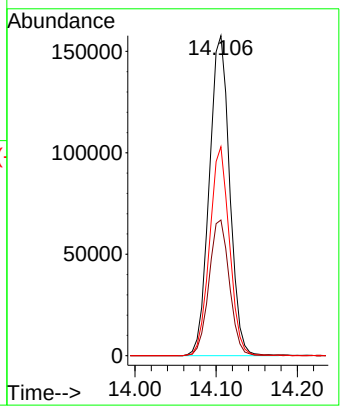




#91
1,2-Dichlorobenzene
Concen: 50.816 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:146 Resp: 27439

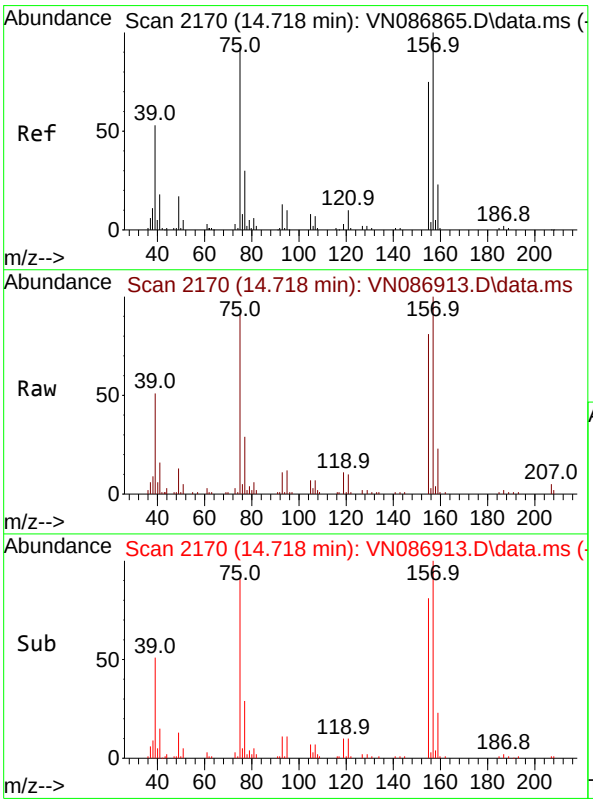
Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.6	64.6
148	63.7	31.7	95.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

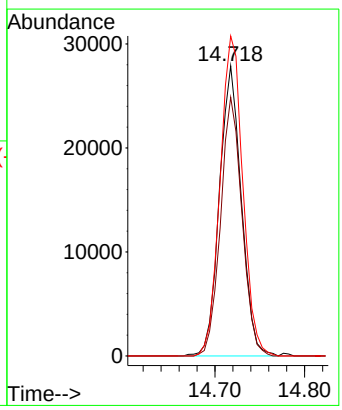
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

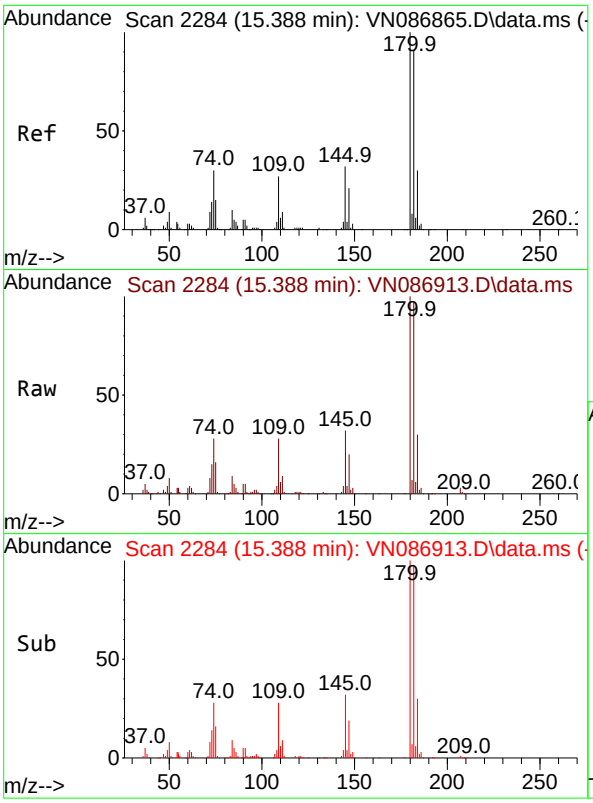


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.906 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 75 Resp: 47339

Ion	Ratio	Lower	Upper
75	100		
155	87.0	41.1	123.4
157	114.2	52.7	158.1

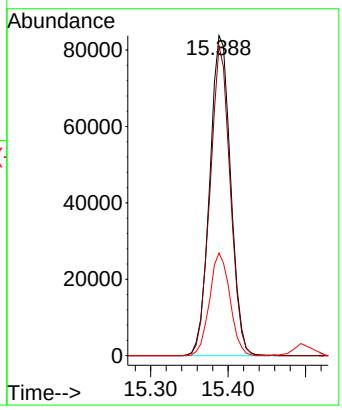




#93
1,2,4-Trichlorobenzene
Concen: 45.529 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:180 Resp: 15699

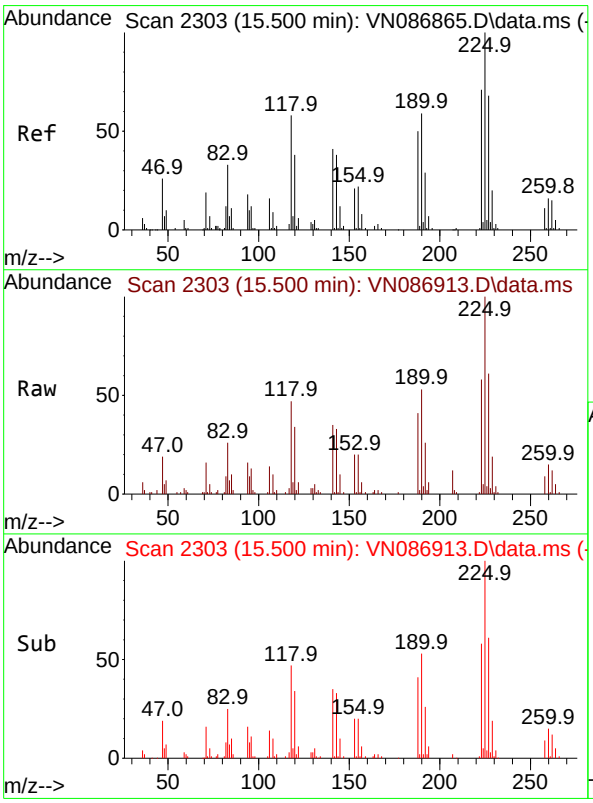
Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.9	140.7
145	31.4	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

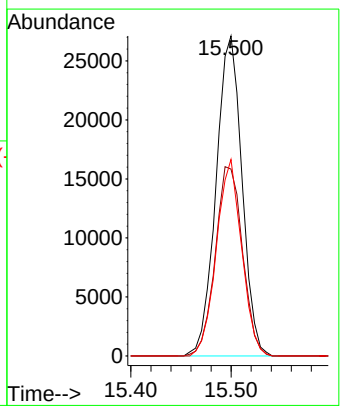
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

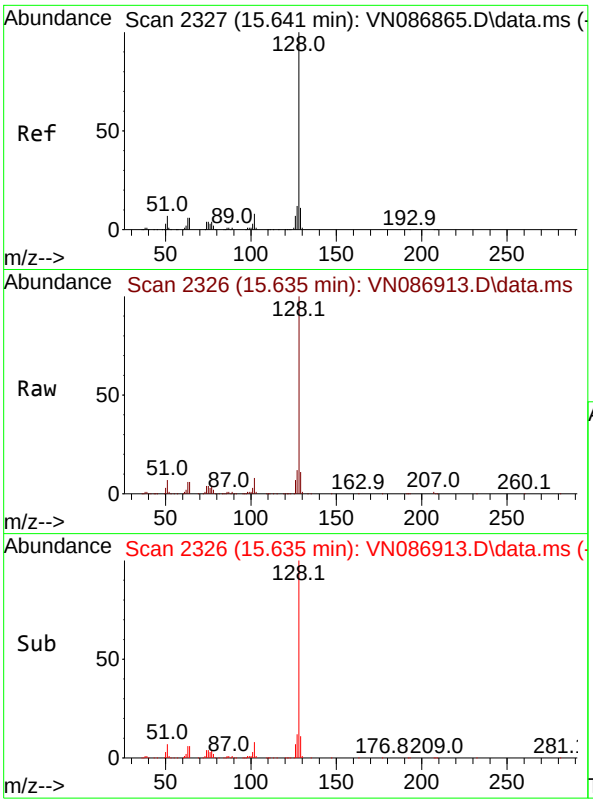


#94
Hexachlorobutadiene
Concen: 37.848 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:225 Resp: 48622

Ion	Ratio	Lower	Upper
225	100		
223	62.1	33.5	100.4
227	59.7	31.1	93.5

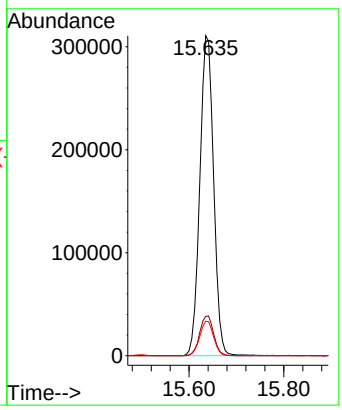




#95
Naphthalene
Concen: 48.711 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:128 Resp: 62518

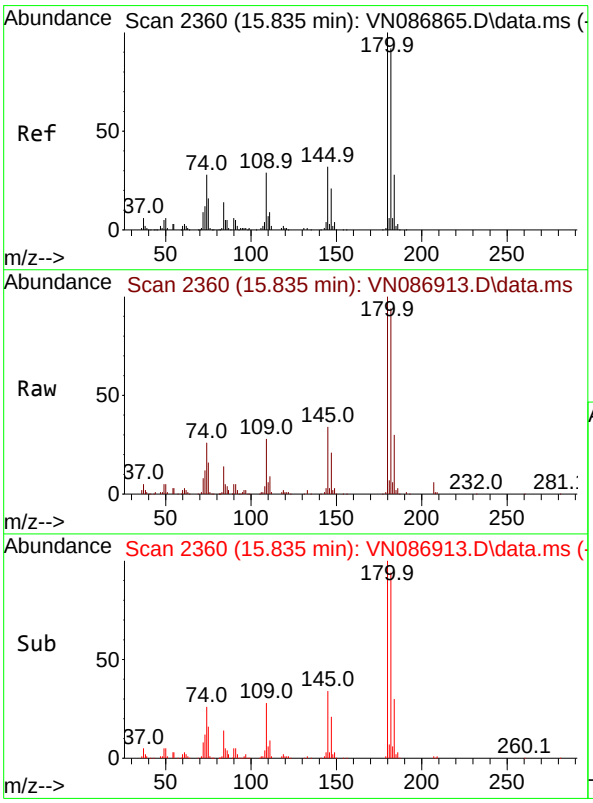
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

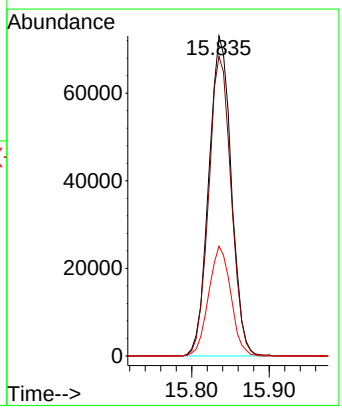
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.897 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:180 Resp: 146962

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.0	141.0
145	33.9	16.6	49.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	115	0.00
2	T	Dichlorodifluoromethane	0.499	0.502	-0.6	116	0.00
3	P	Chloromethane	0.644	0.552	14.3	107	0.00
4	C	Vinyl Chloride	0.664	0.653	1.7#	118	0.00
5	T	Bromomethane	0.372	0.358	3.8	116	0.00
6	T	Chloroethane	0.429	0.421	1.9	119	0.00
7	T	Trichlorofluoromethane	0.868	0.848	2.3	118	0.00
8	T	Diethyl Ether	0.378	0.379	-0.3	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.545	0.530	2.8	118	0.00
10	T	Methyl Iodide	0.707	0.597	15.6	101	0.00
11	T	Tert butyl alcohol	0.182	0.148	18.7	97	-0.01
12	CM	1,1-Dichloroethene	0.557	0.548	1.6#	119	0.01
13	T	Acrolein	0.057	0.053	7.0	134	0.00
14	T	Allyl chloride	0.923	0.823	10.8	110	0.00
15	T	Acrylonitrile	0.425	0.390	8.2	111	0.00
16	T	Acetone	0.355	0.348	2.0	125	0.00
17	T	Carbon Disulfide	1.539	1.428	7.2	116	0.00
18	T	Methyl Acetate	1.035	0.941	9.1	110	0.00
19	T	Methyl tert-butyl Ether	2.015	1.999	0.8	119	0.00
20	T	Methylene Chloride	0.665	0.617	7.2	118	0.00
21	T	trans-1,2-Dichloroethene	0.619	0.587	5.2	119	0.00
22	T	Diisopropyl ether	1.945	1.836	5.6	114	0.00
23	T	Vinyl Acetate	1.644	1.558	5.2	113	0.00
24	P	1,1-Dichloroethane	1.120	1.079	3.7	117	0.00
25	T	2-Butanone	0.577	0.493	14.6	103	0.00
26	T	2,2-Dichloropropane	0.871	0.943	-8.3	120	0.00
27	T	cis-1,2-Dichloroethene	0.740	0.721	2.6	119	0.00
28	T	Bromochloromethane	0.550	0.473	14.0	117	0.00
29	T	Tetrahydrofuran	0.376	0.325	13.6	105	0.00
30	C	Chloroform	1.118	1.053	5.8#	115	0.00
31	T	Cyclohexane	1.086	0.907	16.5	104	0.00
32	T	1,1,1-Trichloroethane	0.951	0.894	6.0	115	0.00
33	S	1,2-Dichloroethane-d4	0.669	0.613	8.4	142	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35	S	Dibromofluoromethane	0.296	0.301	-1.7	153#	0.00
36	T	1,1-Dichloropropene	0.442	0.437	1.1	116	0.00
37	T	Ethyl Acetate	0.562	0.522	7.1	109	0.00
38	T	Carbon Tetrachloride	0.433	0.429	0.9	117	0.00
39	T	Methylcyclohexane	0.605	0.523	13.6	102	0.00
40	TM	Benzene	1.444	1.400	3.0	116	0.00
41	T	Methacrylonitrile	0.316	0.286	9.5	105	0.00
42	TM	1,2-Dichloroethane	0.438	0.426	2.7	116	0.00
43	T	Isopropyl Acetate	0.902	0.830	8.0	109	0.00
44	TM	Trichloroethene	0.342	0.345	-0.9	118	0.00
45	C	1,2-Dichloropropane	0.351	0.344	2.0#	116	0.00
46	T	Dibromomethane	0.233	0.237	-1.7	119	0.00
47	T	Bromodichloromethane	0.480	0.479	0.2	117	0.00
48	T	Methyl methacrylate	0.415	0.379	8.7	107	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.008	0.007	12.5	96	0.00
50	S	Toluene-d8	1.173	1.153	1.7	149	0.00
51	T	4-Methyl-2-Pentanone	0.543	0.513	5.5	106	0.00
52	CM	Toluene	0.882	0.871	1.2#	116	0.00
53	T	t-1,3-Dichloropropene	0.537	0.556	-3.5	119	0.00
54	T	cis-1,3-Dichloropropene	0.574	0.592	-3.1	120	0.00
55	T	1,1,2-Trichloroethane	0.340	0.338	0.6	117	0.00
56	T	Ethyl methacrylate	0.541	0.589	-8.9	118	0.00
57	T	1,3-Dichloropropane	0.589	0.580	1.5	115	0.00
58	T	2-Chloroethyl Vinyl ether	0.323	0.315	2.5	128	0.00
59	T	2-Hexanone	0.350	0.339	3.1	103	0.00
60	T	Dibromochloromethane	0.354	0.363	-2.5	119	0.00
61	T	1,2-Dibromoethane	0.348	0.350	-0.6	119	0.00
62	S	4-Bromofluorobenzene	0.436	0.420	3.7	144	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64	T	Tetrachloroethene	0.316	0.308	2.5	114	0.00
65	PM	Chlorobenzene	1.103	1.117	-1.3	119	0.00
66	T	1,1,1,2-Tetrachloroethane	0.354	0.367	-3.7	118	0.00
67	C	Ethyl Benzene	1.899	1.844	2.9#	112	0.00
68	T	m/p-Xylenes	0.727	0.727	0.0	113	0.00
69	T	o-Xylene	0.696	0.714	-2.6	115	0.00
70	T	Styrene	1.192	1.232	-3.4	115	0.00
71	P	Bromoform	0.263	0.287	-9.1	118	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73	T	Isopropylbenzene	3.643	3.636	0.2	108	0.00
74	T	N-amyl acetate	1.273	1.354	-6.4	109	0.00
75	P	1,1,2,2-Tetrachloroethane	1.234	1.268	-2.8	110	0.00
76	T	1,2,3-Trichloropropane	1.189	1.069	10.1	93	0.00
77	T	Bromobenzene	0.835	0.903	-8.1	117	0.00
78	T	n-propylbenzene	4.427	4.305	2.8	104	0.00
79	T	2-Chlorotoluene	2.655	2.594	2.3	106	0.00
80	T	1,3,5-Trimethylbenzene	3.007	2.957	1.7	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.516	0.537	-4.1	115	0.00
82	T	4-Chlorotoluene	2.686	2.709	-0.9	109	0.00
83	T	tert-Butylbenzene	2.753	2.579	6.3	101	0.00
84	T	1,2,4-Trimethylbenzene	3.016	2.981	1.2	104	0.00
85	T	sec-Butylbenzene	3.998	3.683	7.9	98	0.00
86	T	p-Isopropyltoluene	3.305	3.131	5.3	100	0.00
87	T	1,3-Dichlorobenzene	1.644	1.678	-2.1	110	0.00
88	T	1,4-Dichlorobenzene	1.676	1.702	-1.6	110	0.00
89	T	n-Butylbenzene	3.201	2.841	11.2	95	0.00
90	T	Hexachloroethane	0.560	0.538	3.9	102	0.00
91	T	1,2-Dichlorobenzene	1.579	1.605	-1.6	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.295	0.277	6.1	104	0.00
93	T	1,2,4-Trichlorobenzene	1.008	0.918	8.9	97	0.00
94	T	Hexachlorobutadiene	0.376	0.284	24.5	80	0.00
95	T	Naphthalene	3.753	3.656	2.6	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.859	14.3	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	115	0.00
2	T	Dichlorodifluoromethane	50.000	50.345	-0.7	116	0.00
3	P	Chloromethane	50.000	42.845	14.3	107	0.00
4	C	Vinyl Chloride	50.000	49.190	1.6#	118	0.00
5	T	Bromomethane	50.000	48.104	3.8	116	0.00
6	T	Chloroethane	50.000	49.111	1.8	119	0.00
7	T	Trichlorofluoromethane	50.000	48.882	2.2	118	0.00
8	T	Diethyl Ether	50.000	50.181	-0.4	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.583	2.8	118	0.00
10	T	Methyl Iodide	50.000	42.239	15.5	101	0.00
11	T	Tert butyl alcohol	250.000	203.929	18.4	97	-0.01
12	CM	1,1-Dichloroethene	50.000	49.200	1.6#	119	0.01
13	T	Acrolein	250.000	229.021	8.4	134	0.00
14	T	Allyl chloride	50.000	44.573	10.9	110	0.00
15	T	Acrylonitrile	250.000	229.750	8.1	111	0.00
16	T	Acetone	250.000	245.204	1.9	125	0.00
17	T	Carbon Disulfide	50.000	46.386	7.2	116	0.00
18	T	Methyl Acetate	50.000	45.497	9.0	110	0.00
19	T	Methyl tert-butyl Ether	50.000	49.605	0.8	119	0.00
20	T	Methylene Chloride	50.000	46.410	7.2	118	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.370	5.3	119	0.00
22	T	Diisopropyl ether	50.000	47.178	5.6	114	0.00
23	T	Vinyl Acetate	250.000	236.925	5.2	113	0.00
24	P	1,1-Dichloroethane	50.000	48.190	3.6	117	0.00
25	T	2-Butanone	250.000	213.617	14.6	103	0.00
26	T	2,2-Dichloropropane	50.000	54.150	-8.3	120	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.666	2.7	119	0.00
28	T	Bromochloromethane	50.000	42.951	14.1	117	0.00
29	T	Tetrahydrofuran	250.000	216.165	13.5	105	0.00
30	C	Chloroform	50.000	47.097	5.8#	115	0.00
31	T	Cyclohexane	50.000	41.767	16.5	104	0.00
32	T	1,1,1-Trichloroethane	50.000	47.016	6.0	115	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.789	8.4	142	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35	S	Dibromofluoromethane	50.000	50.869	-1.7	153	0.00
36	T	1,1-Dichloropropene	50.000	49.463	1.1	116	0.00
37	T	Ethyl Acetate	50.000	46.471	7.1	109	0.00
38	T	Carbon Tetrachloride	50.000	49.466	1.1	117	0.00
39	T	Methylcyclohexane	50.000	43.269	13.5	102	0.00
40	TM	Benzene	50.000	48.493	3.0	116	0.00
41	T	Methacrylonitrile	50.000	45.256	9.5	105	0.00
42	TM	1,2-Dichloroethane	50.000	48.671	2.7	116	0.00
43	T	Isopropyl Acetate	50.000	45.998	8.0	109	0.00
44	TM	Trichloroethene	50.000	50.404	-0.8	118	0.00
45	C	1,2-Dichloropropane	50.000	49.004	2.0#	116	0.00
46	T	Dibromomethane	50.000	50.766	-1.5	119	0.00
47	T	Bromodichloromethane	50.000	49.918	0.2	117	0.00
48	T	Methyl methacrylate	50.000	45.601	8.8	107	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	892.983	10.7	96	0.00
50	S	Toluene-d8	50.000	49.146	1.7	149	0.00
51	T	4-Methyl-2-Pentanone	250.000	235.975	5.6	106	0.00
52	CM	Toluene	50.000	49.345	1.3#	116	0.00
53	T	t-1,3-Dichloropropene	50.000	51.759	-3.5	119	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.506	-3.0	120	0.00
55	T	1,1,2-Trichloroethane	50.000	49.785	0.4	117	0.00
56	T	Ethyl methacrylate	50.000	54.447	-8.9	118	0.00
57	T	1,3-Dichloropropane	50.000	49.255	1.5	115	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	244.474	2.2	128	0.00
59	T	2-Hexanone	250.000	242.131	3.1	103	0.00
60	T	Dibromochloromethane	50.000	51.366	-2.7	119	0.00
61	T	1,2-Dibromoethane	50.000	50.307	-0.6	119	0.00
62	S	4-Bromofluorobenzene	50.000	48.131	3.7	144	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	48.675	2.7	114	0.00
65	PM	Chlorobenzene	50.000	50.661	-1.3	119	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.699	-3.4	118	0.00
67	C	Ethyl Benzene	50.000	48.548	2.9#	112	0.00
68	T	m/p-Xylenes	100.000	99.975	0.0	113	0.00
69	T	o-Xylene	50.000	51.297	-2.6	115	0.00
70	T	Styrene	50.000	51.704	-3.4	115	0.00
71	P	Bromoform	50.000	54.693	-9.4	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	49.917	0.2	108	0.00
74	T	N-amyl acetate	50.000	53.204	-6.4	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.363	-2.7	110	0.00
76	T	1,2,3-Trichloropropane	50.000	44.986	10.0	93	0.00
77	T	Bromobenzene	50.000	54.054	-8.1	117	0.00
78	T	n-propylbenzene	50.000	48.621	2.8	104	0.00
79	T	2-Chlorotoluene	50.000	48.865	2.3	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.161	1.7	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.029	-4.1	115	0.00
82	T	4-Chlorotoluene	50.000	50.423	-0.8	109	0.00
83	T	tert-Butylbenzene	50.000	46.840	6.3	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.422	1.2	104	0.00
85	T	sec-Butylbenzene	50.000	46.060	7.9	98	0.00
86	T	p-Isopropyltoluene	50.000	47.367	5.3	100	0.00
87	T	1,3-Dichlorobenzene	50.000	51.039	-2.1	110	0.00
88	T	1,4-Dichlorobenzene	50.000	50.774	-1.5	110	0.00
89	T	n-Butylbenzene	50.000	44.380	11.2	95	0.00
90	T	Hexachloroethane	50.000	48.027	3.9	102	0.00
91	T	1,2-Dichlorobenzene	50.000	50.816	-1.6	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.906	6.2	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.529	8.9	97	0.00
94	T	Hexachlorobutadiene	50.000	37.848	24.3	80	0.00
95	T	Naphthalene	50.000	48.711	2.6	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.897	14.2	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_N Calibration Date/Time: 06/10/2025 18:57

Lab File ID: VN086938.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.644	0.572	0.1	-11.18	50
Vinyl Chloride	0.664	0.687		3.46	50
Bromomethane	0.372	0.261		-29.84	50
Chloroethane	0.429	0.442		3.03	50
Trichlorofluoromethane	0.868	0.890		2.54	50
1,1,2-Trichlorotrifluoroethane	0.545	0.555		1.84	50
1,1-Dichloroethene	0.557	0.589		5.74	50
Acetone	0.355	0.292		-17.75	50
Carbon Disulfide	1.539	1.746		13.45	50
Methyl tert-butyl Ether	2.015	1.956		-2.93	50
Methylene Chloride	0.665	0.648		-2.56	50
trans-1,2-Dichloroethene	0.619	0.623		0.65	50
1,1-Dichloroethane	1.120	1.095	0.1	-2.23	50
2-Butanone	0.577	0.496		-14.04	50
Carbon Tetrachloride	0.433	0.448		3.46	50
cis-1,2-Dichloroethene	0.740	0.750		1.35	50
Chloroform	1.118	1.074		-3.94	50
1,1,1-Trichloroethane	0.951	0.926		-2.63	50
Methylcyclohexane	0.605	0.588		-2.81	50
Benzene	1.444	1.488		3.05	50
1,2-Dichloroethane	0.438	0.436		-0.46	50
Trichloroethene	0.342	0.379		10.82	50
1,2-Dichloropropane	0.351	0.351		0	50
Bromodichloromethane	0.480	0.483		0.63	50
4-Methyl-2-Pentanone	0.543	0.513		-5.53	50
Toluene	0.882	0.931		5.56	50
t-1,3-Dichloropropene	0.537	0.560		4.28	50
cis-1,3-Dichloropropene	0.574	0.596		3.83	50
1,1,2-Trichloroethane	0.340	0.346		1.76	50
2-Hexanone	0.350	0.336		-4	50
Dibromochloromethane	0.354	0.378		6.78	50
Tetrachloroethene	0.316	0.341		7.91	50
Chlorobenzene	1.103	1.175	0.3	6.53	50
Ethyl Benzene	1.900	1.991		4.79	50
m/p-Xylenes	0.727	0.777		6.88	50
o-Xylene	0.696	0.747		7.33	50
Styrene	1.192	1.274		6.88	50
Bromoform	0.263	0.292	0.1	11.03	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_N Calibration Date/Time: 06/10/2025 18:57

Lab File ID: VN086938.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	3.643	3.690		1.29	50
1,1,2,2-Tetrachloroethane	1.234	1.252	0.3	1.46	50
1,3-Dichlorobenzene	1.644	1.714		4.26	50
1,4-Dichlorobenzene	1.676	1.755		4.71	50
1,2-Dichlorobenzene	1.579	1.624		2.85	50
1,2-Dichloroethane-d4	0.669	0.555		-17.04	50
Dibromofluoromethane	0.296	0.282		-4.73	50
Toluene-d8	1.173	1.082		-7.76	50
4-Bromofluorobenzene	0.436	0.408		-6.42	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	176719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	308698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	98074	41.450	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 82.900%			
35) Dibromofluoromethane	8.177	113	87160	47.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.280%			
50) Toluene-d8	10.571	98	334058	46.127	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.260%			
62) 4-Bromofluorobenzene	12.847	95	125834	46.767	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	90452	51.335	ug/l	98
3) Chloromethane	2.395	50	101034	44.405	ug/l	98
4) Vinyl Chloride	2.554	62	121371	51.711	ug/l	99
5) Bromomethane	3.001	94	46198	35.173	ug/l	100
6) Chloroethane	3.159	64	78079	51.500	ug/l	97
7) Trichlorofluoromethane	3.530	101	157218	51.268	ug/l	100
8) Diethyl Ether	3.983	74	69342	51.899	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	98032	50.883	ug/l	98
10) Methyl Iodide	4.618	142	88226	35.325	ug/l	97
11) Tert butyl alcohol	5.536	59	143421	223.394	ug/l	99
12) 1,1-Dichloroethene	4.365	96	104047	52.898	ug/l	93
13) Acrolein	4.200	56	11481	56.496	ug/l	95
14) Allyl chloride	5.047	41	146046	44.771	ug/l	95
15) Acrylonitrile	5.736	53	346563	230.949	ug/l	100
16) Acetone	4.447	43	258365	205.910	ug/l	96
17) Carbon Disulfide	4.742	76	308599	56.720	ug/l	99
18) Methyl Acetate	5.042	43	133291	36.453	ug/l	94
19) Methyl tert-butyl Ether	5.818	73	345648	48.534	ug/l	100
20) Methylene Chloride	5.300	84	114593	48.781	ug/l	92
21) trans-1,2-Dichloroethene	5.806	96	110123	50.322	ug/l	98
22) Diisopropyl ether	6.683	45	311728	45.335	ug/l	95
23) Vinyl Acetate	6.618	43	1397734	240.591	ug/l	96
24) 1,1-Dichloroethane	6.583	63	193464	48.891	ug/l	99
25) 2-Butanone	7.494	43	437923	214.715	ug/l	94
26) 2,2-Dichloropropane	7.500	77	149604	48.602	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	132603	50.666	ug/l	95
28) Bromochloromethane	7.824	49	73339	37.695	ug/l	88
29) Tetrahydrofuran	7.847	42	290520	218.662	ug/l	93
30) Chloroform	7.977	83	189838	48.039	ug/l	95
31) Cyclohexane	8.265	56	175800	45.811	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	163721	48.711	ug/l	98
36) 1,1-Dichloropropene	8.377	75	144891	53.151	ug/l	98
37) Ethyl Acetate	7.571	43	169435	48.826	ug/l	98
38) Carbon Tetrachloride	8.371	117	138285	51.670	ug/l	98
39) Methylcyclohexane	9.606	83	181379	48.565	ug/l	95
40) Benzene	8.612	78	459444	51.541	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	85278	43.757	ug/l		90
42) 1,2-Dichloroethane	8.677	62	134489	49.742	ug/l		99
43) Isopropyl Acetate	8.694	43	257199	46.178	ug/l		96
44) Trichloroethene	9.359	130	116889	55.301	ug/l		95
45) 1,2-Dichloropropane	9.624	63	108258	49.919	ug/l		98
46) Dibromomethane	9.712	93	76994	53.450	ug/l		97
47) Bromodichloromethane	9.888	83	149176	50.334	ug/l		97
48) Methyl methacrylate	9.682	41	119559	46.638	ug/l		94
49) 1,4-Dioxane	9.700	88	50710	1087.344	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.447	43	791040	235.919	ug/l		96
52) Toluene	10.629	92	287508	52.776	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	172844	52.155	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	184125	51.925	ug/l		95
55) 1,1,2-Trichloroethane	11.018	97	106701	50.903	ug/l		99
56) Ethyl methacrylate	10.876	69	181431	54.342	ug/l		92
57) 1,3-Dichloropropane	11.165	76	184198	50.656	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	236277	118.651	ug/l		97
59) 2-Hexanone	11.200	43	518664	240.145	ug/l		90
60) Dibromochloromethane	11.359	129	116659	53.416	ug/l		100
61) 1,2-Dibromoethane	11.471	107	114780	53.422	ug/l		98
64) Tetrachloroethene	11.106	164	91874	53.850	ug/l		95
65) Chlorobenzene	11.894	112	316696	53.264	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	98580	51.578	ug/l		99
67) Ethyl Benzene	11.965	91	536714	52.405	ug/l		99
68) m/p-Xylenes	12.071	106	418936	106.858	ug/l		98
69) o-Xylene	12.394	106	201312	53.615	ug/l		96
70) Styrene	12.412	104	343422	53.450	ug/l		99
71) Bromoform	12.576	173	78819	55.657	ug/l	#	99
73) Isopropylbenzene	12.694	105	489897	50.649	ug/l		100
74) N-amyl acetate	12.512	43	153120	45.303	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.935	83	166262	50.740	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	140564m	44.539	ug/l		
77) Bromobenzene	12.982	156	121326	54.696	ug/l		94
78) n-propylbenzene	13.035	91	582741	49.576	ug/l		99
79) 2-Chlorotoluene	13.123	91	355375	50.413	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	398214	49.866	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	65200m	47.557	ug/l		
82) 4-Chlorotoluene	13.218	91	362142	50.772	ug/l		99
83) tert-Butylbenzene	13.435	119	355100	48.578	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	411074	51.335	ug/l		99
85) sec-Butylbenzene	13.612	105	495817	46.707	ug/l		99
86) p-Isopropyltoluene	13.729	119	422980	48.202	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	227571	52.144	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	233049	52.377	ug/l		100
89) n-Butylbenzene	14.053	91	379576	44.658	ug/l		99
90) Hexachloroethane	14.329	117	69822	46.941	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	215670	51.437	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36585	46.685	ug/l		88
93) 1,2,4-Trichlorobenzene	15.388	180	128889	48.139	ug/l		99
94) Hexachlorobutadiene	15.494	225	42093	42.197	ug/l		98
95) Naphthalene	15.635	128	531584	53.340	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	121156	45.544	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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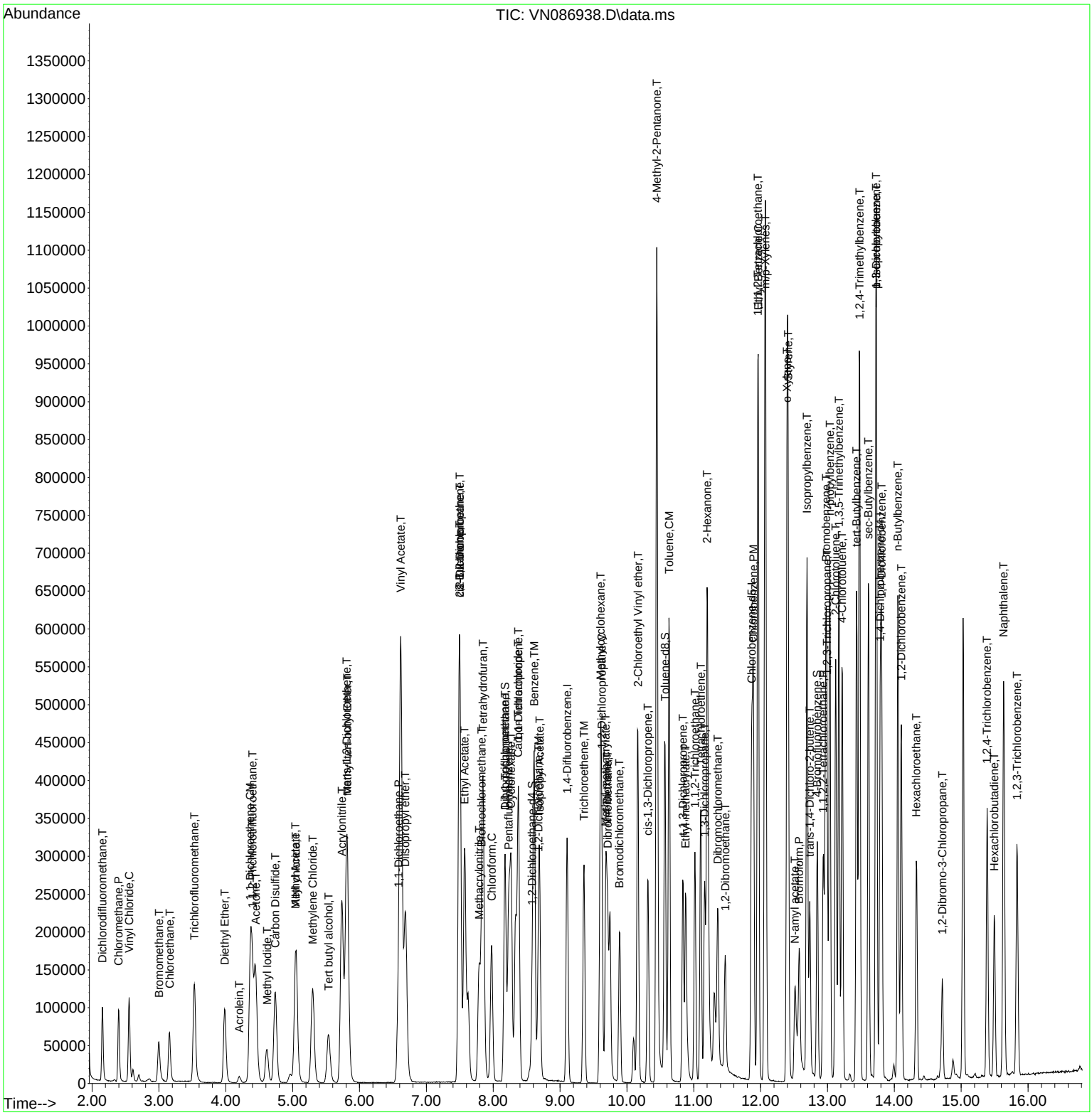
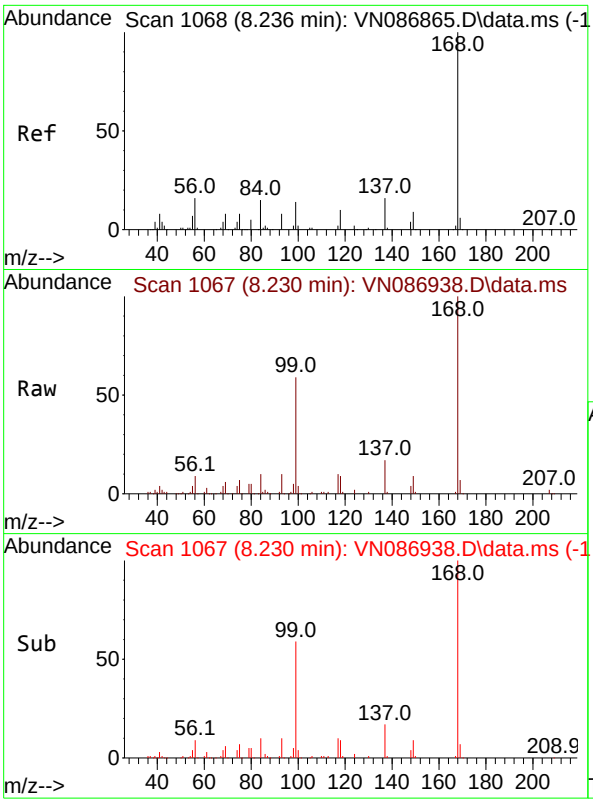
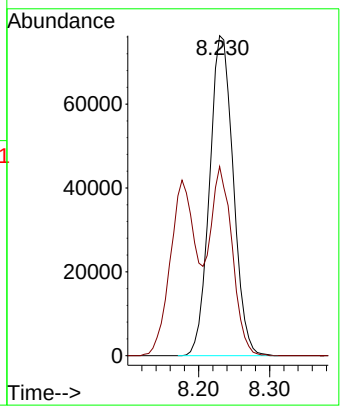




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:168 Resp: 17671

Ion	Ratio	Lower	Upper
168	100		
99	59.1	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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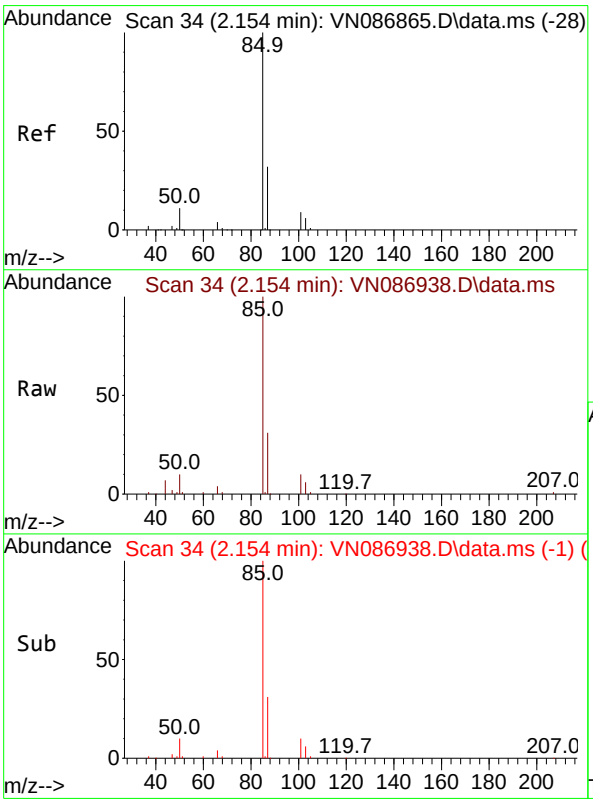
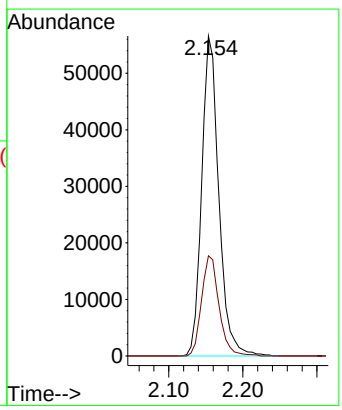
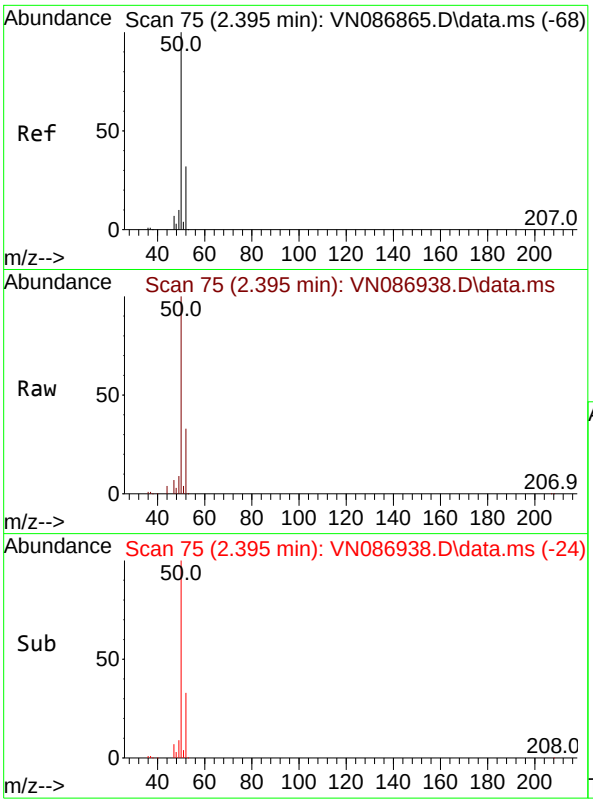


#2
Dichlorodifluoromethane
Concen: 51.335 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 85 Resp: 90452

Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.2	48.6

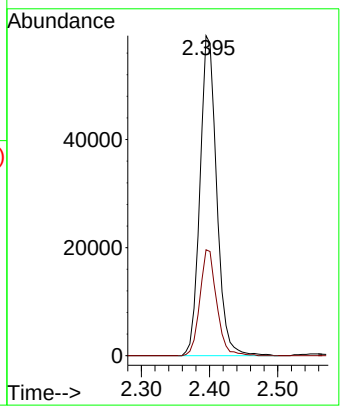




#3
Chloromethane
Concen: 44.405 ug/l
RT: 2.395 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 50 Resp: 10103

Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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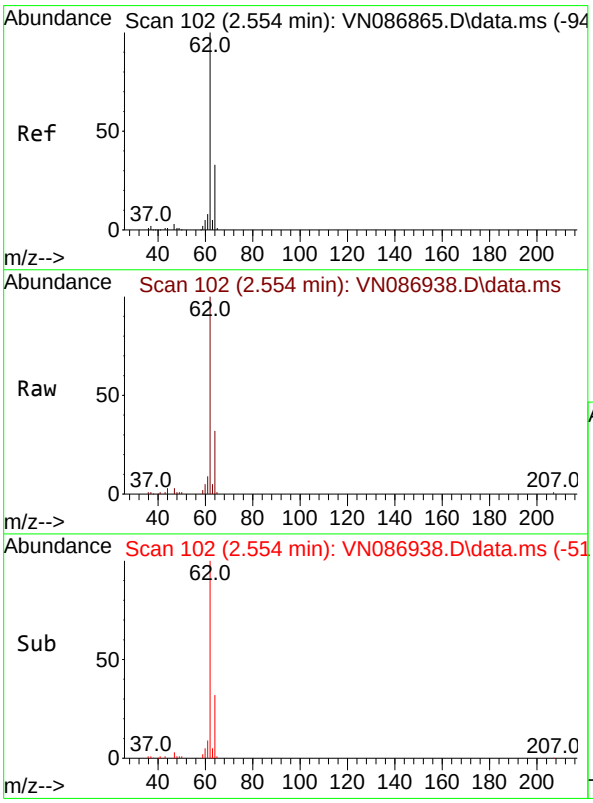
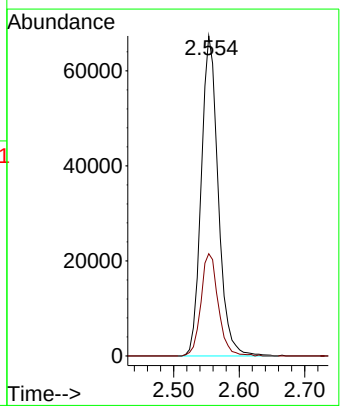
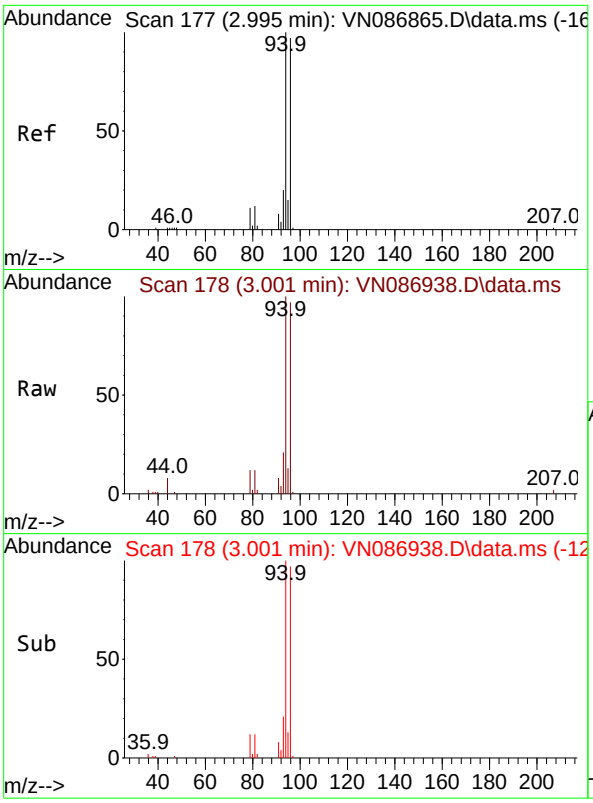


#4
Vinyl Chloride
Concen: 51.711 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 62 Resp: 121371

Ion	Ratio	Lower	Upper
62	100		
64	31.9	26.0	39.0

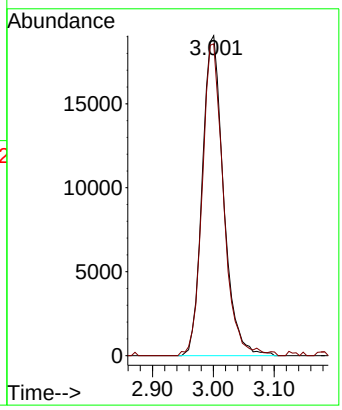




#5
Bromomethane
Concen: 35.173 ug/l
RT: 3.001 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 94 Resp: 4619

Ion	Ratio	Lower	Upper
94	100		
96	97.4	77.9	116.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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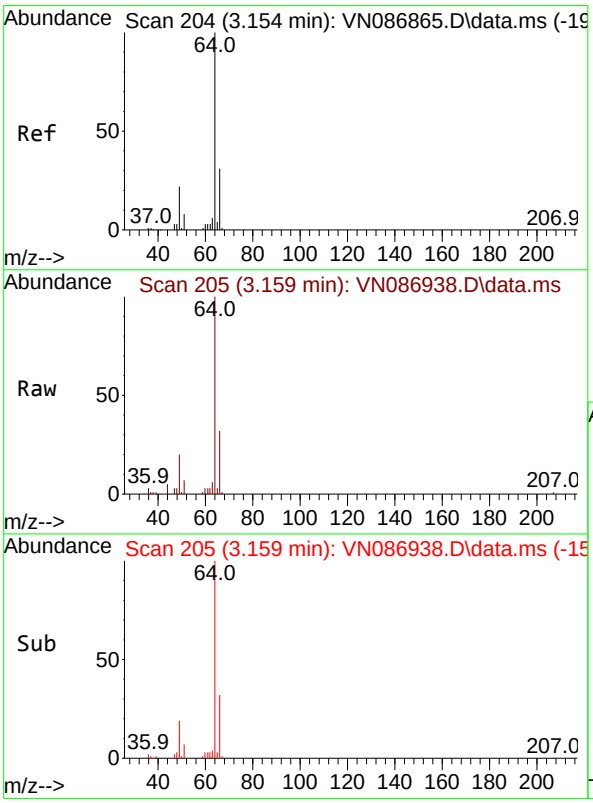
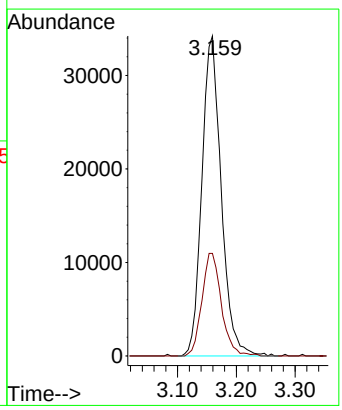
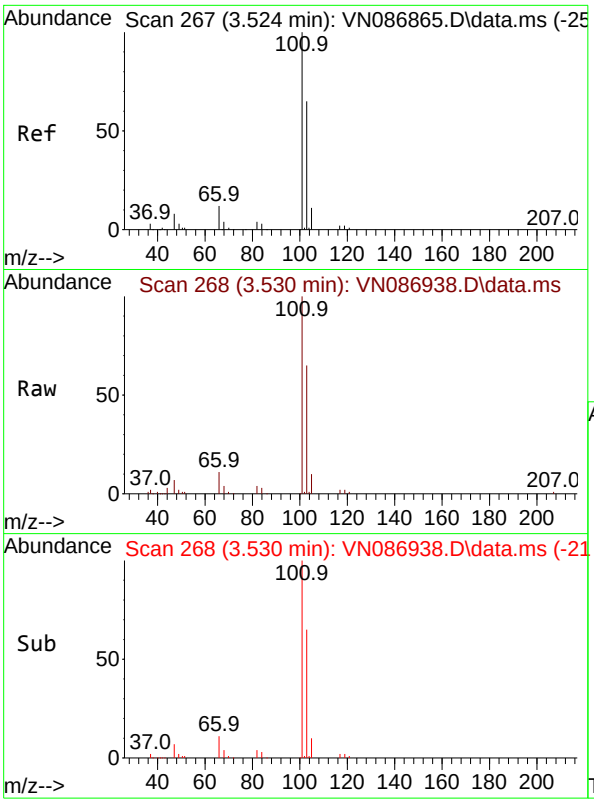


#6
Chloroethane
Concen: 51.500 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 64 Resp: 78079

Ion	Ratio	Lower	Upper
64	100		
66	32.1	24.6	36.8





#7
Trichlorofluoromethane
Concen: 51.268 ug/l
RT: 3.530 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:101 Resp: 15721

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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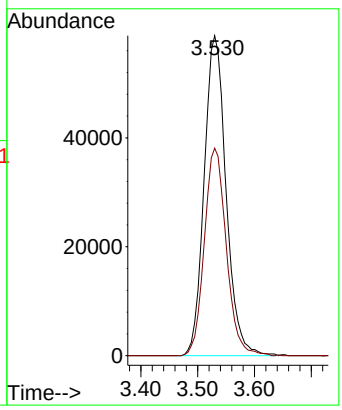
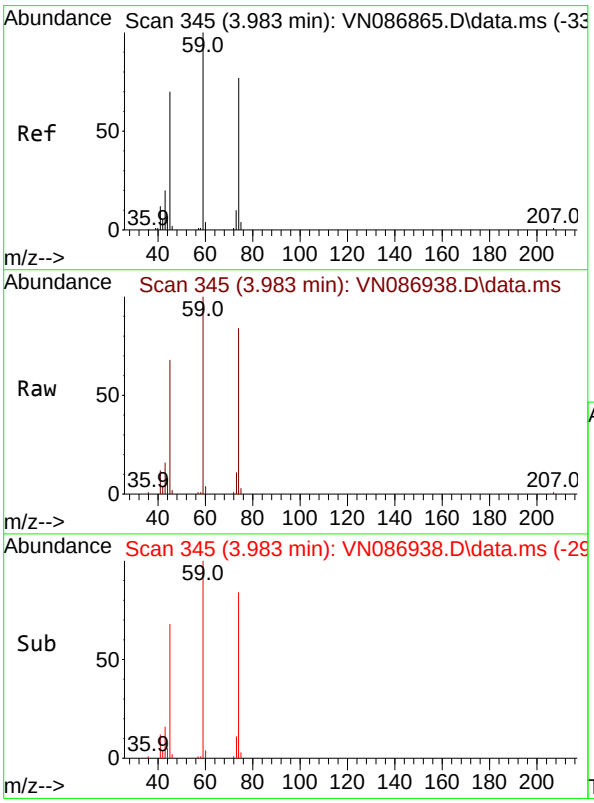
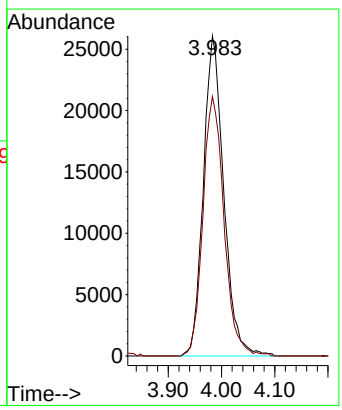


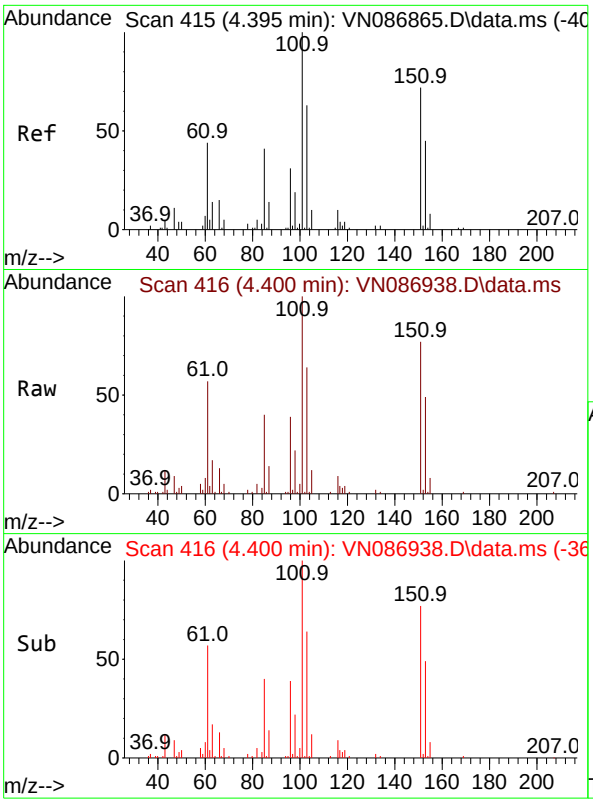


#8
Diethyl Ether
Concen: 51.899 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 74 Resp: 69342

Ion	Ratio	Lower	Upper
74	100		
45	83.9	45.5	136.5

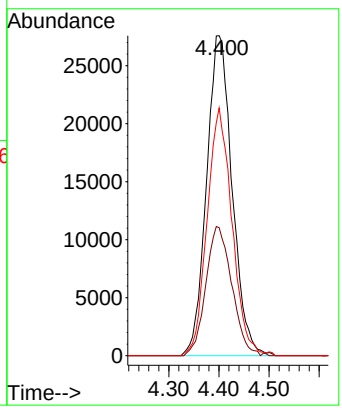




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.883 ug/l
RT: 4.400 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:101 Resp: 9803

Ion	Ratio	Lower	Upper
101	100		
85	40.9	33.8	50.8
151	75.3	58.7	88.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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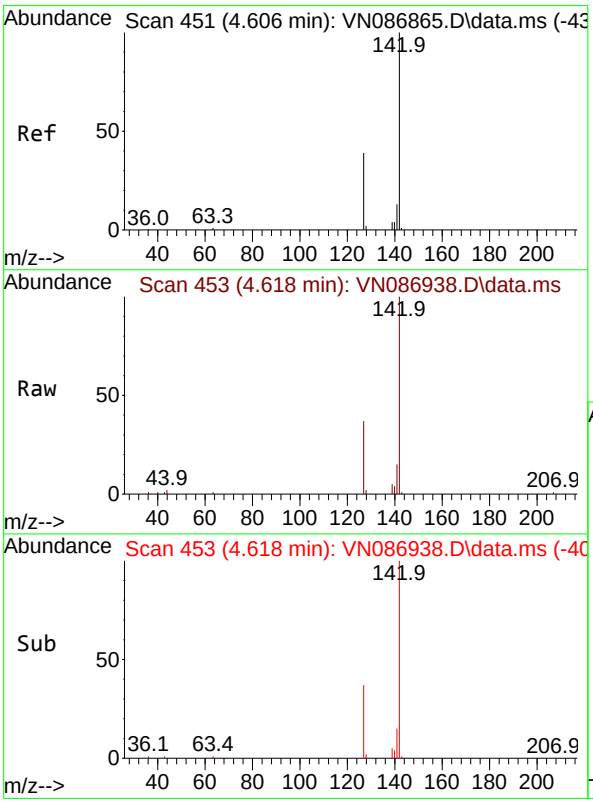
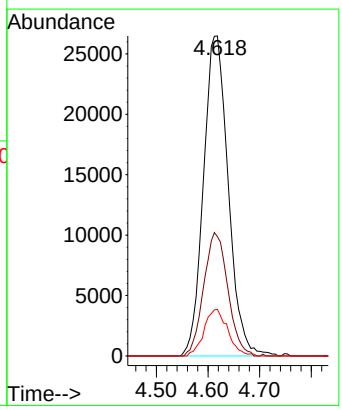
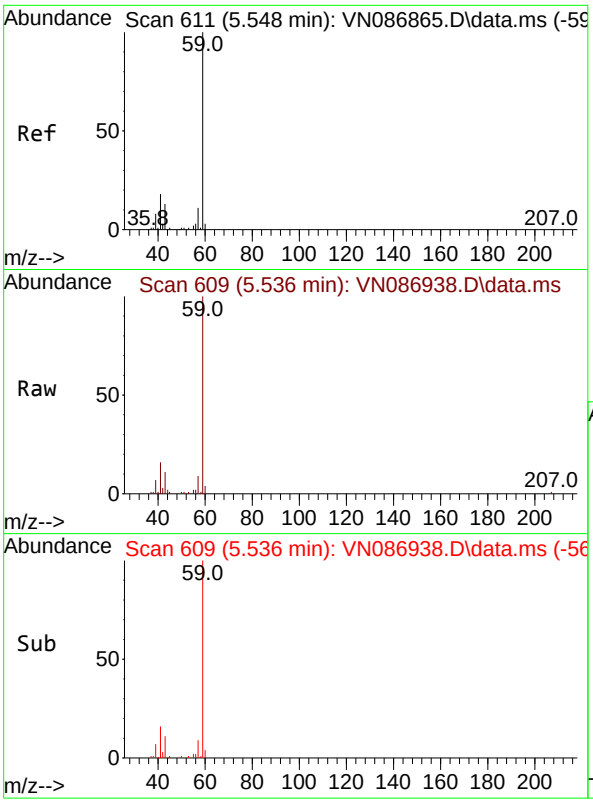


#10
Methyl Iodide
Concen: 35.325 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:142 Resp: 88226

Ion	Ratio	Lower	Upper
142	100		
127	37.3	30.9	46.3
141	14.5	10.4	15.6





#11
Tert butyl alcohol
Concen: 223.394 ug/l
RT: 5.536 min Scan# 6
Delta R.T. -0.012 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 59 Resp: 14342

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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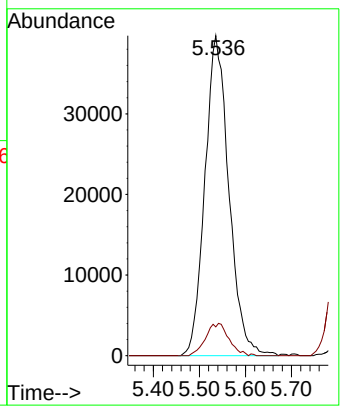
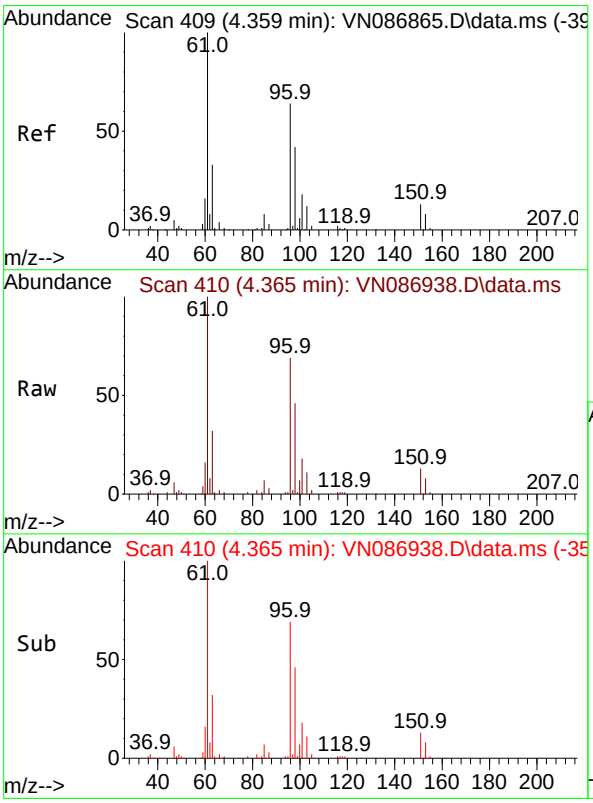
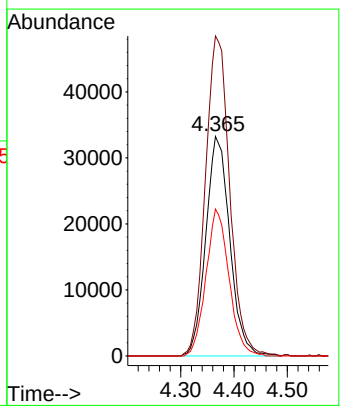


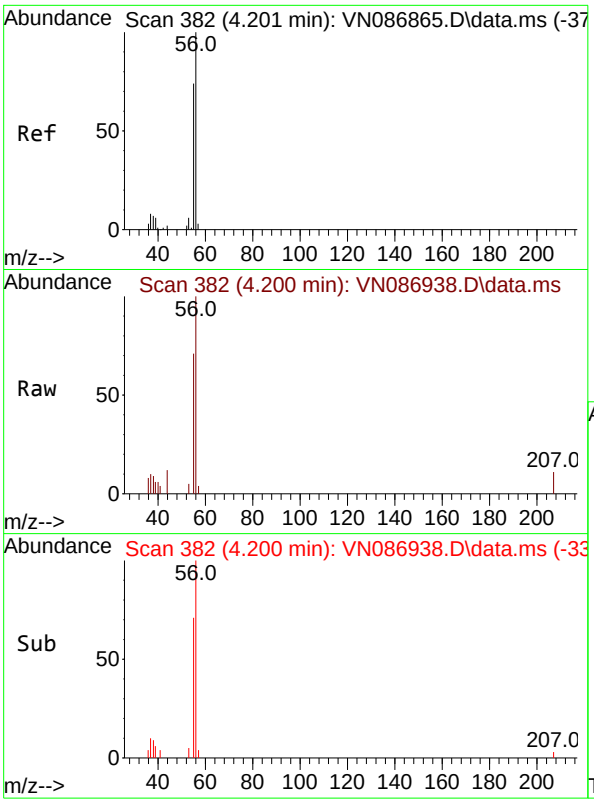


#12
1,1-Dichloroethene
Concen: 52.898 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 96 Resp: 104047

Ion	Ratio	Lower	Upper
96	100		
61	145.8	125.8	188.6
98	66.9	52.5	78.7

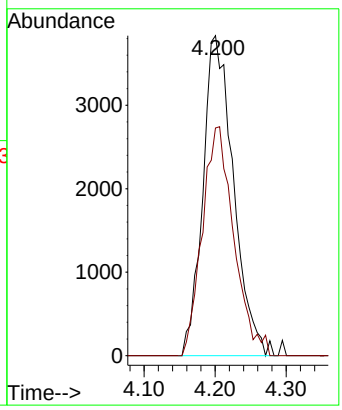




#13
Acrolein
Concen: 56.496 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 56 Resp: 1148

Ion	Ratio	Lower	Upper
56	100		
55	73.7	55.6	83.4



Instrument :
MSVOA_N
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Manual Integrations
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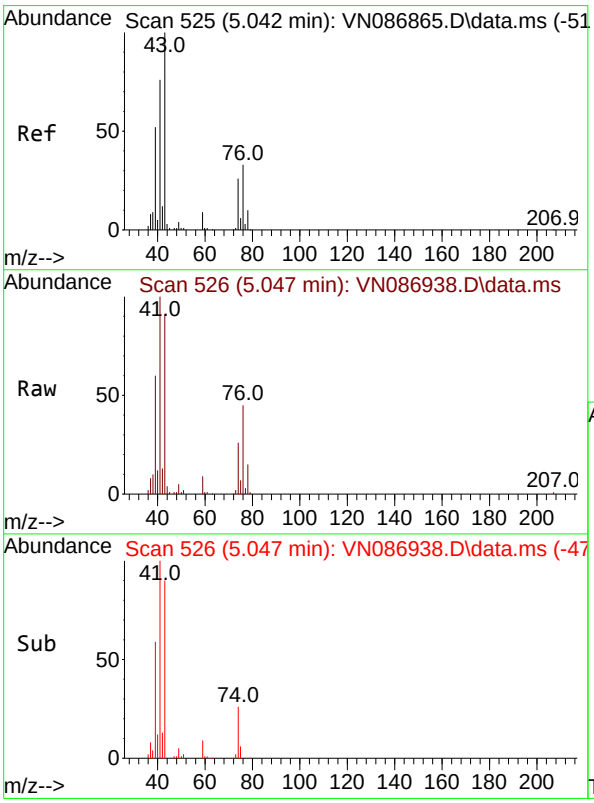
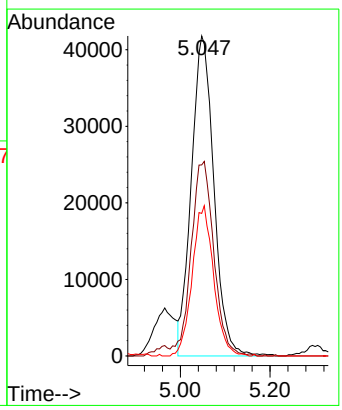
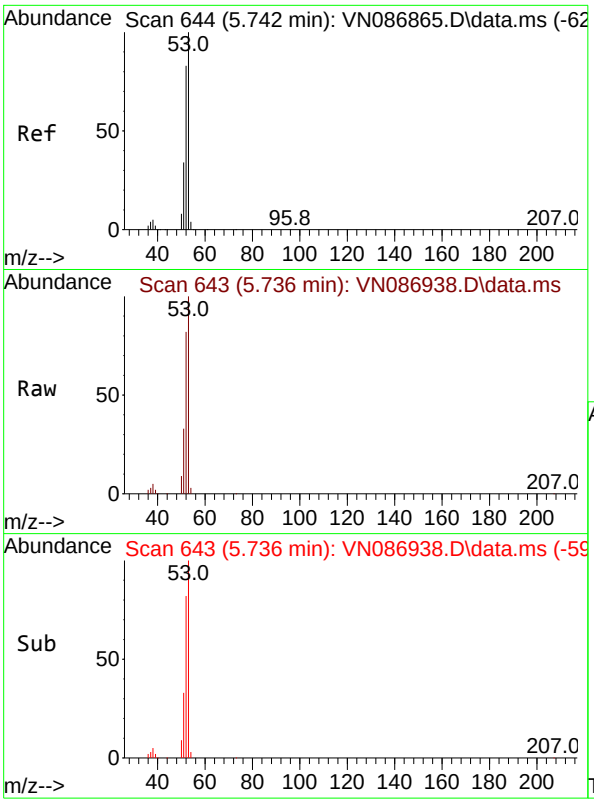


#14
Allyl chloride
Concen: 44.771 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 41 Resp: 146046

Ion	Ratio	Lower	Upper
41	100		
39	61.5	51.3	76.9
76	44.6	31.4	47.0





#15
Acrylonitrile
Concen: 230.949 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 53 Resp: 34656

Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.6
51	34.0	27.2	40.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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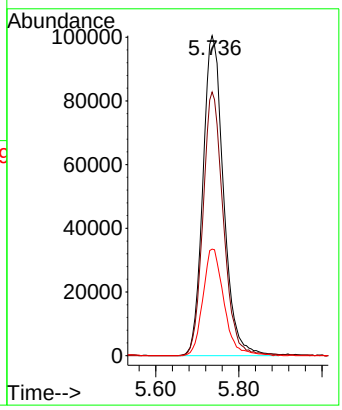
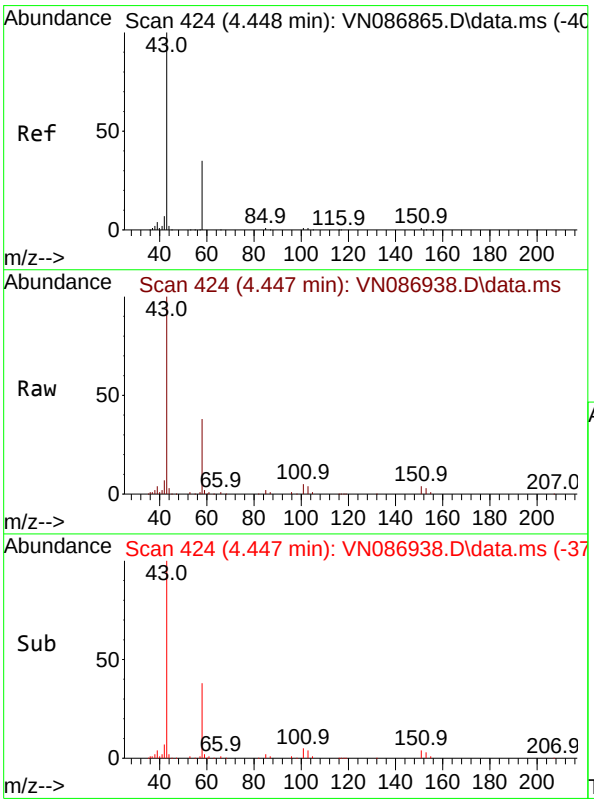
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

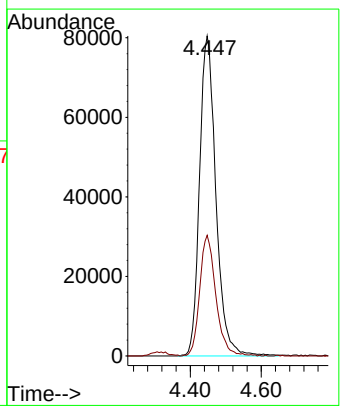


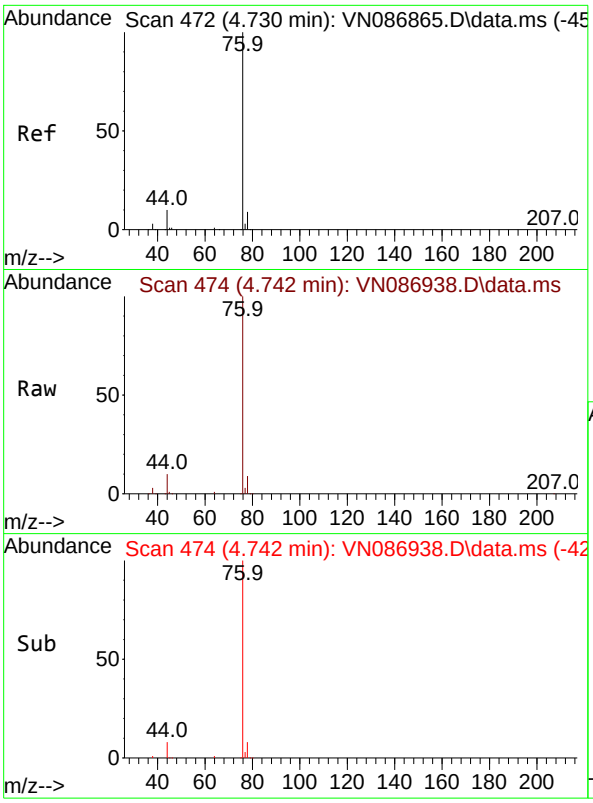


#16
Acetone
Concen: 205.910 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 258365

Ion	Ratio	Lower	Upper
43	100		
58	37.5	28.0	42.0

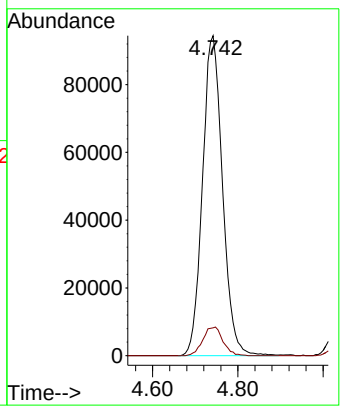




#17
Carbon Disulfide
Concen: 56.720 ug/l
RT: 4.742 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 76 Resp: 30859

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9



Instrument :
MSVOA_N
ClientSampleId :
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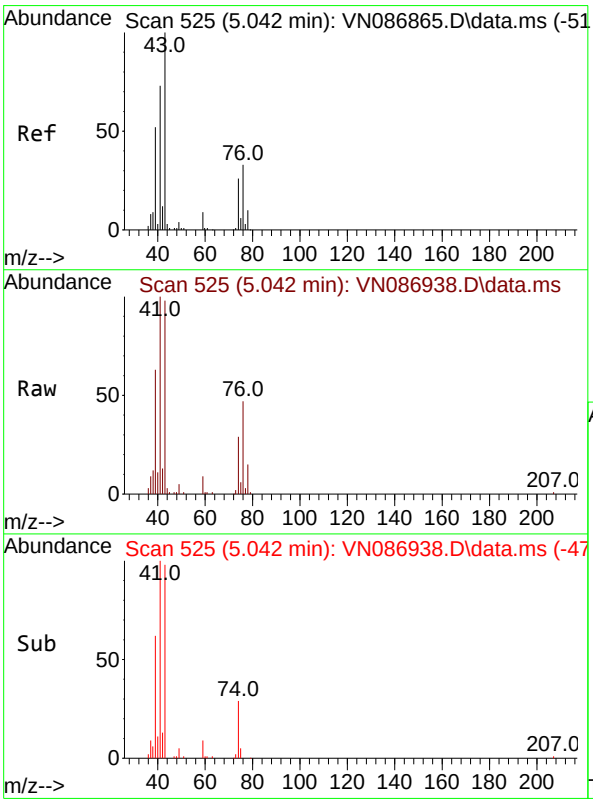
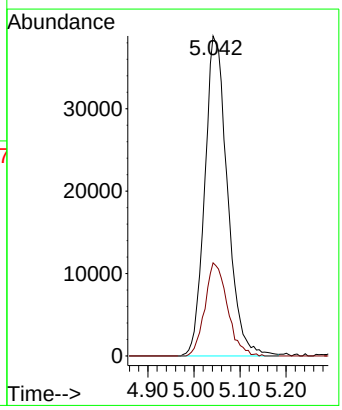
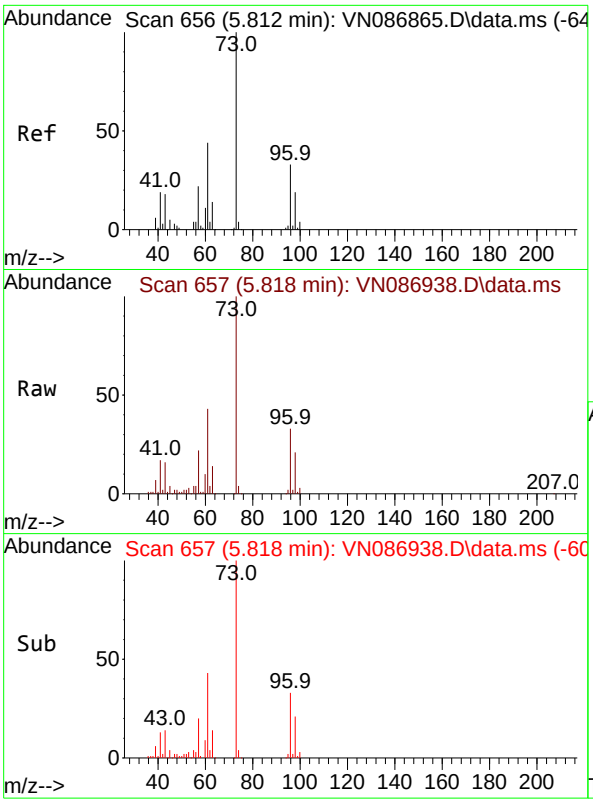


#18
Methyl Acetate
Concen: 36.453 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 133291

Ion	Ratio	Lower	Upper
43	100		
74	28.9	20.7	31.1

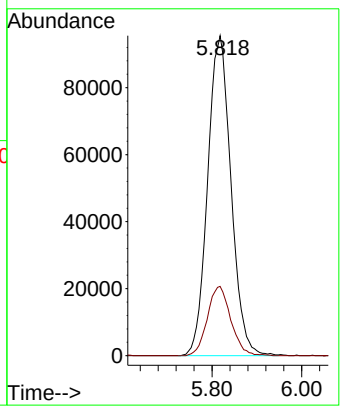




#19
Methyl tert-butyl Ether
Concen: 48.534 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 73 Resp: 34564

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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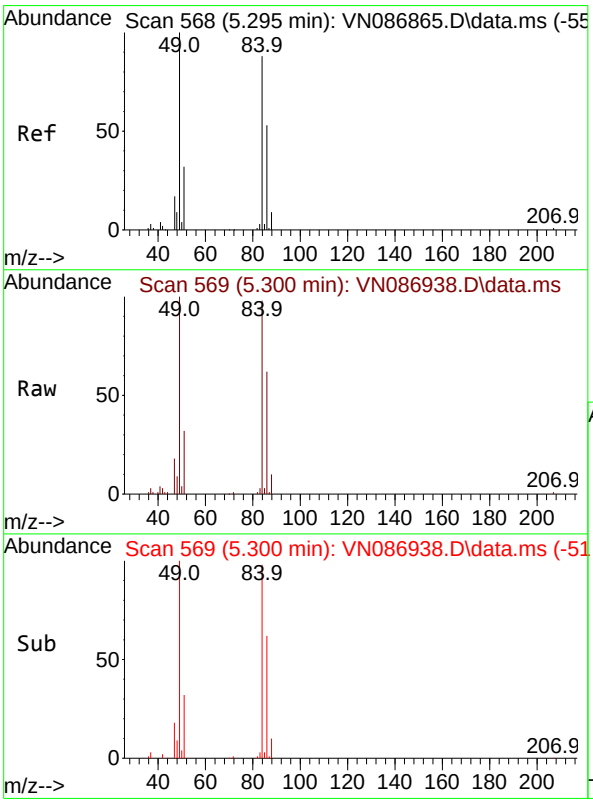
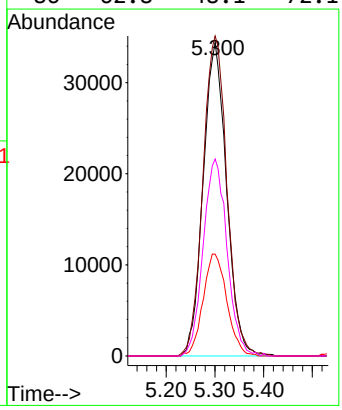
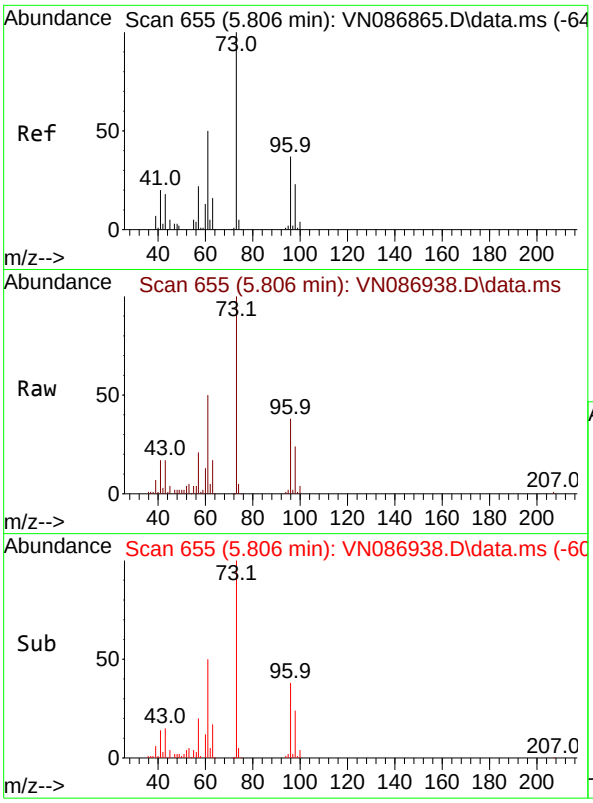


#20
Methylene Chloride
Concen: 48.781 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 84 Resp: 114593

Ion	Ratio	Lower	Upper
84	100		
49	102.1	90.5	135.7
51	32.5	28.5	42.7
86	62.8	48.1	72.1

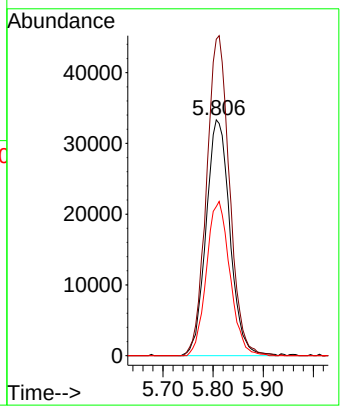




#21
trans-1,2-Dichloroethene
Concen: 50.322 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 96 Resp: 11012

Ion	Ratio	Lower	Upper
96	100		
61	134.2	109.2	163.8
98	63.2	49.8	74.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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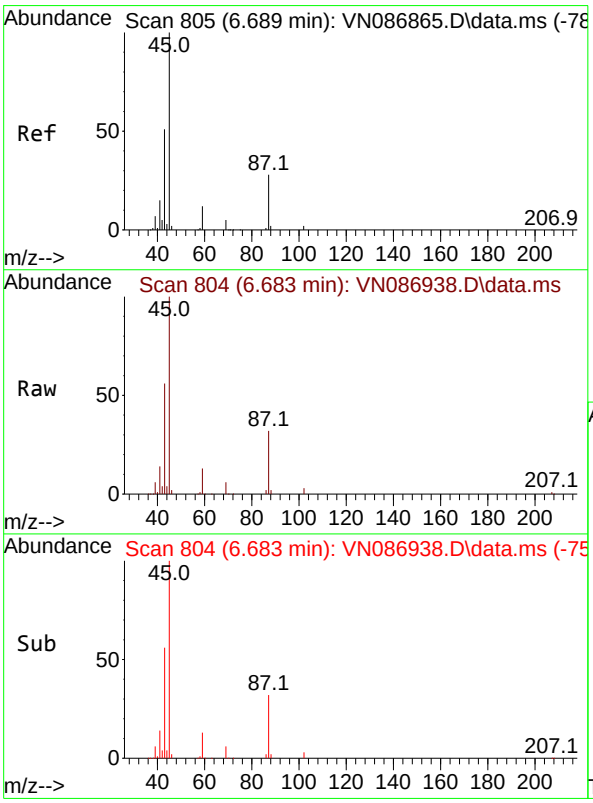
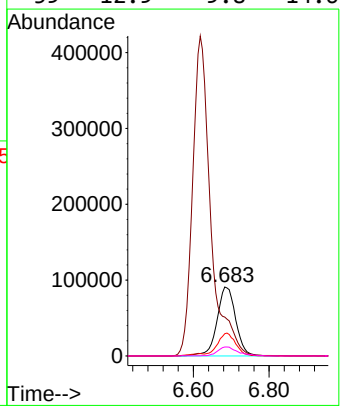
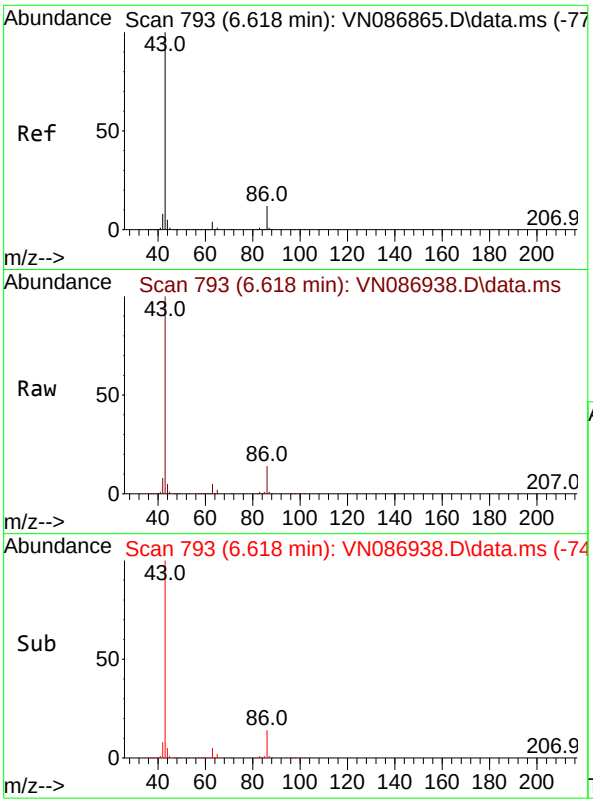


#22
Diisopropyl ether
Concen: 45.335 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 45 Resp: 311728

Ion	Ratio	Lower	Upper
45	100		
43	55.8	41.9	62.9
87	32.2	22.4	33.6
59	12.9	9.8	14.6

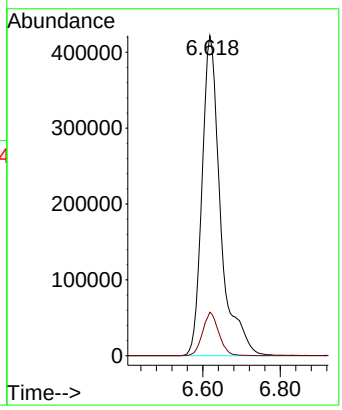




#23
Vinyl Acetate
Concen: 240.591 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 139773

Ion	Ratio	Lower	Upper
43	100		
86	13.6	9.5	14.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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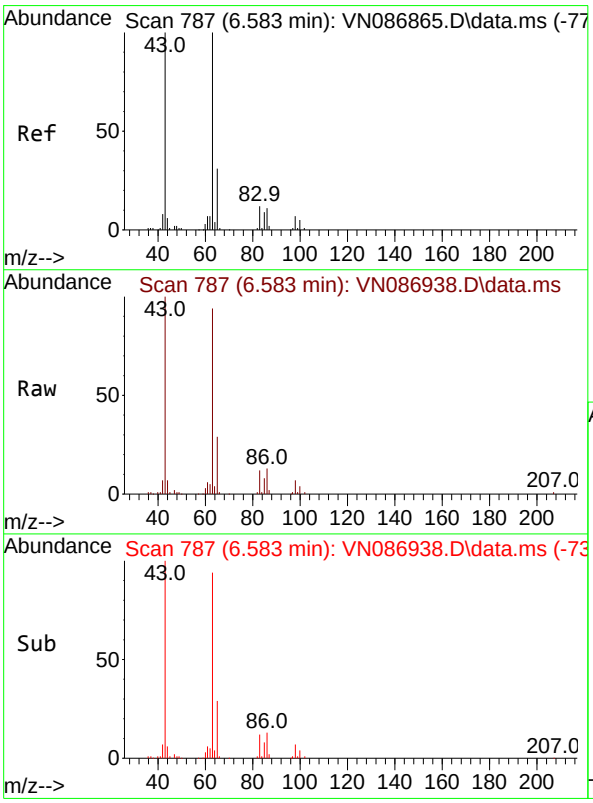
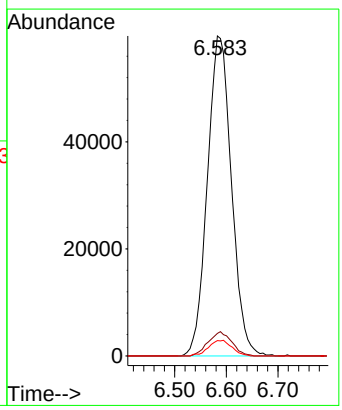
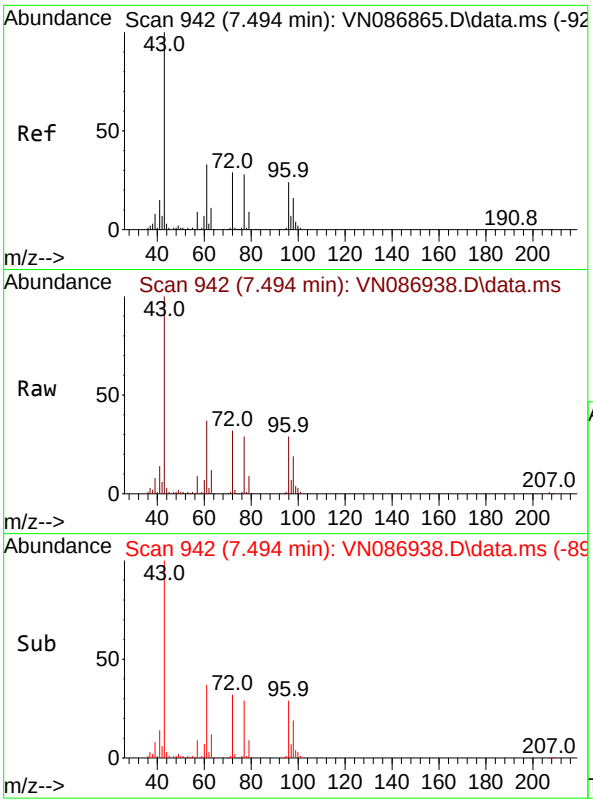


#24
1,1-Dichloroethane
Concen: 48.891 ug/l
RT: 6.583 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 63 Resp: 193464

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.6	10.8
100	4.8	2.6	7.8





#25
2-Butanone
Concen: 214.715 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 43792

Ion	Ratio	Lower	Upper
43	100		
72	32.2	23.0	34.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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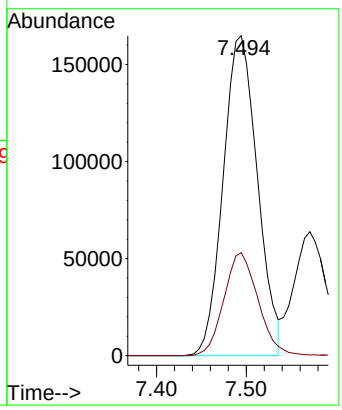
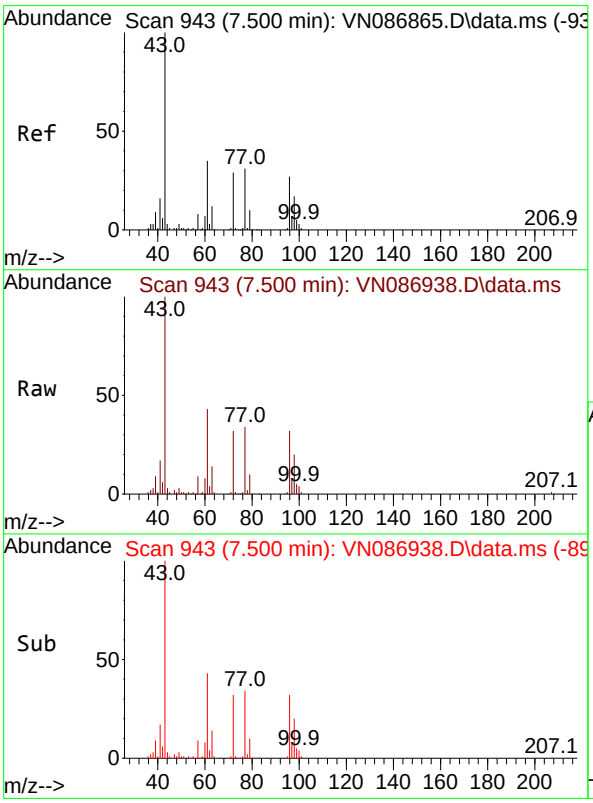
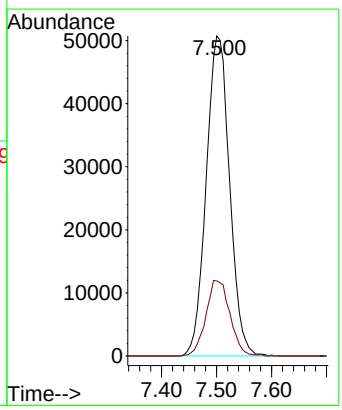


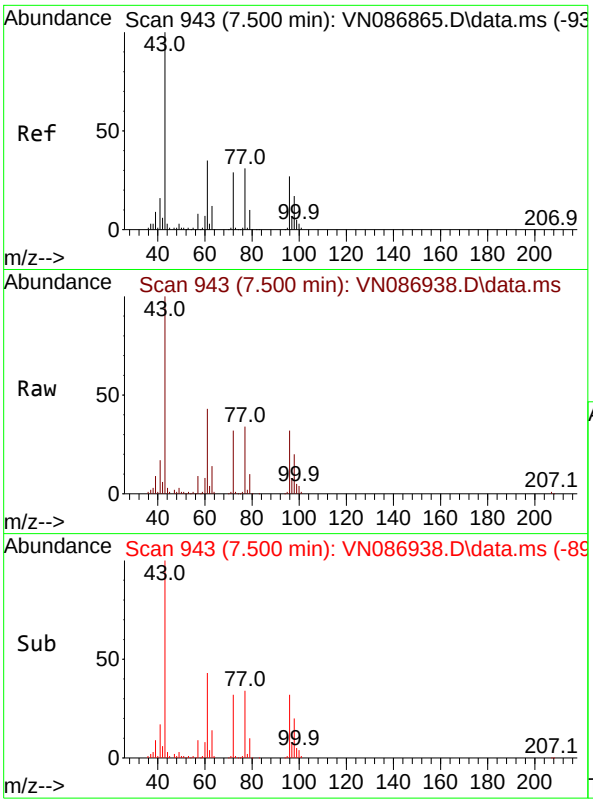


#26
2,2-Dichloropropane
Concen: 48.602 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 77 Resp: 149604

Ion	Ratio	Lower	Upper
77	100		
97	24.3	11.6	34.7





#27
cis-1,2-Dichloroethene
Concen: 50.666 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 96 Resp: 13260

Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	278.0
98	64.0	0.0	128.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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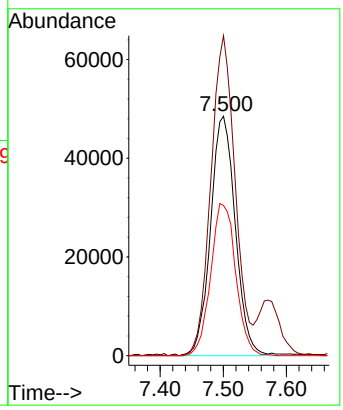
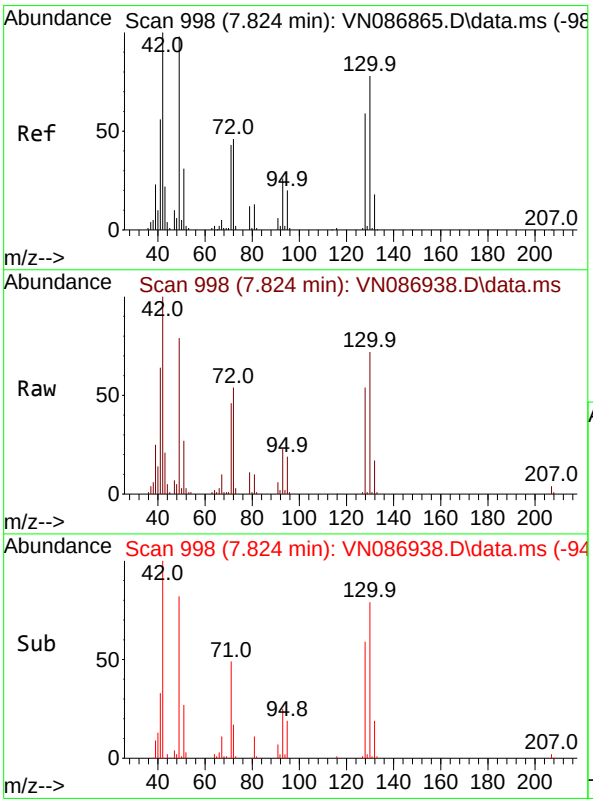
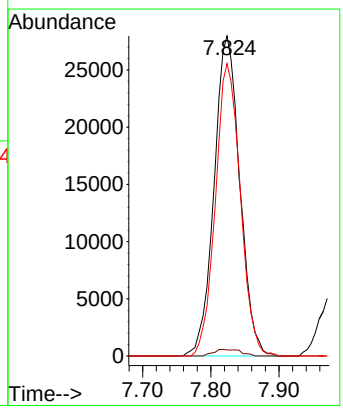


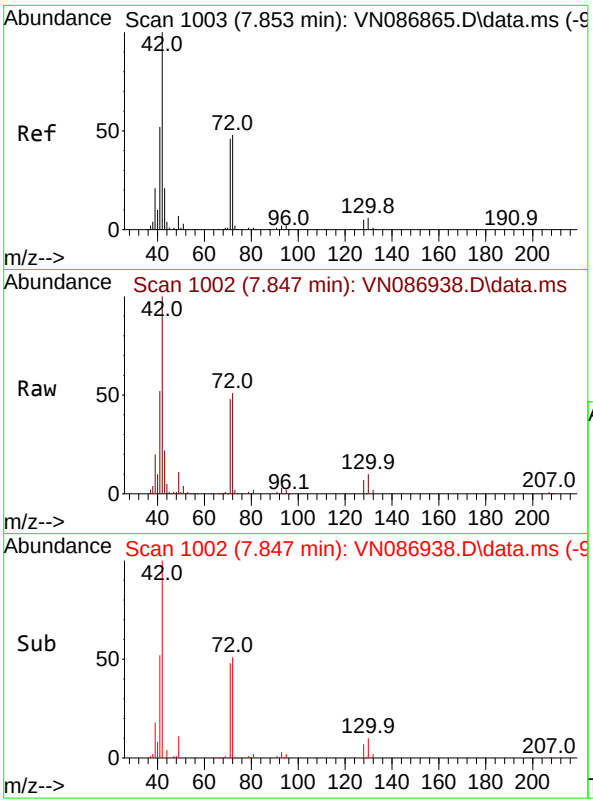


#28
Bromochloromethane
Concen: 37.695 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 49 Resp: 73339

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	88.5	62.2	93.2

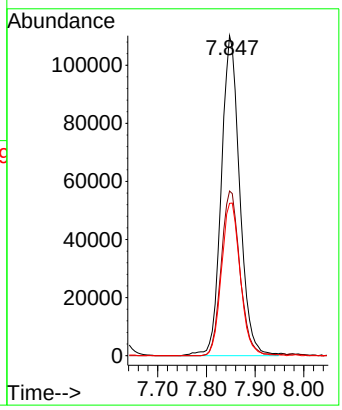




#29
Tetrahydrofuran
Concen: 218.662 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 42 Resp: 29052

Ion	Ratio	Lower	Upper
42	100		
72	52.4	37.8	56.6
71	48.7	35.6	53.4



Instrument :
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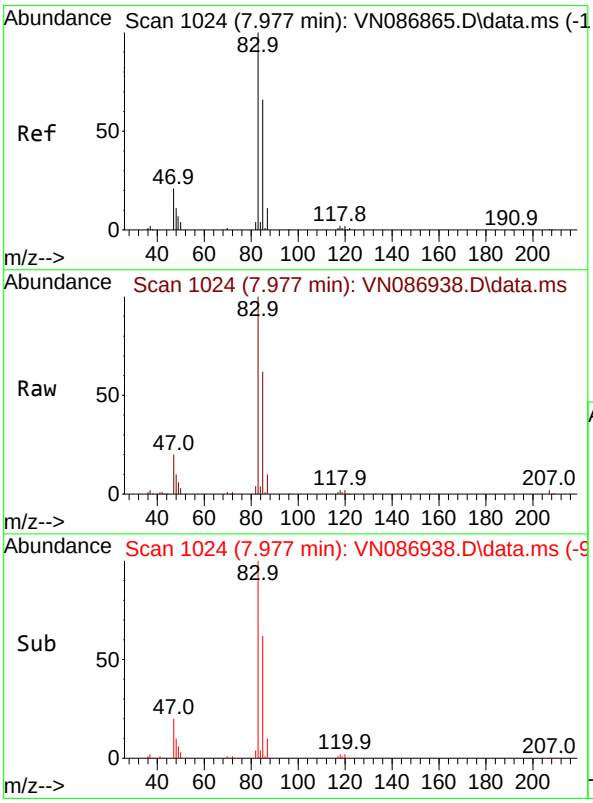
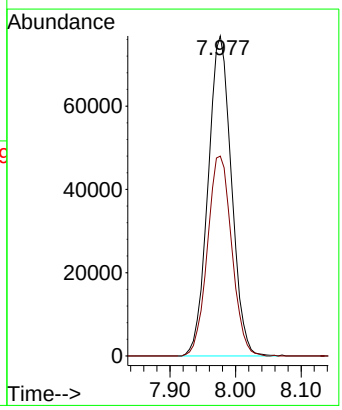
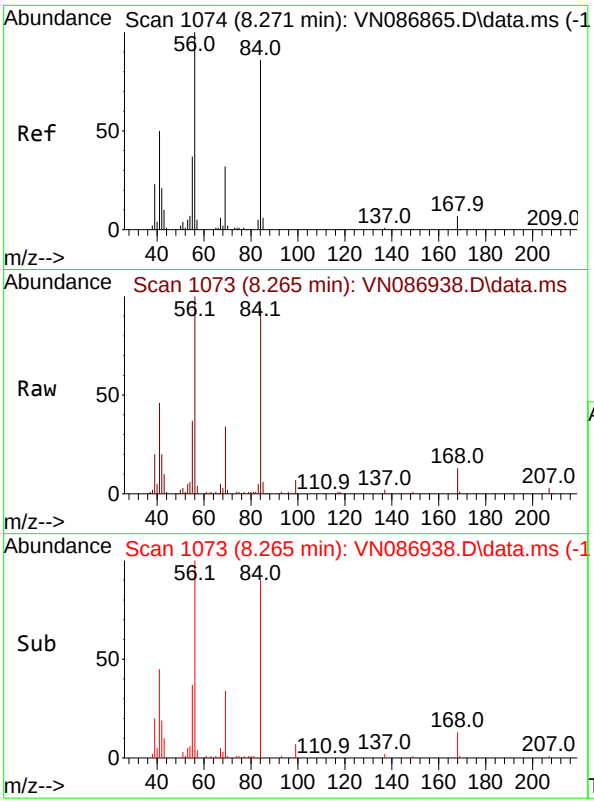


#30
Chloroform
Concen: 48.039 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 83 Resp: 189838

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.9	79.3

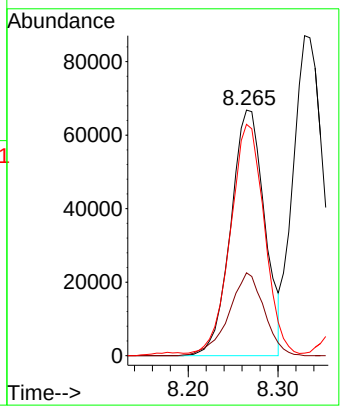




#31
Cyclohexane
Concen: 45.811 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 56 Resp: 17580

Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.4	38.0
84	93.0	68.8	103.2



Instrument :
MSVOA_N
ClientSampleId :
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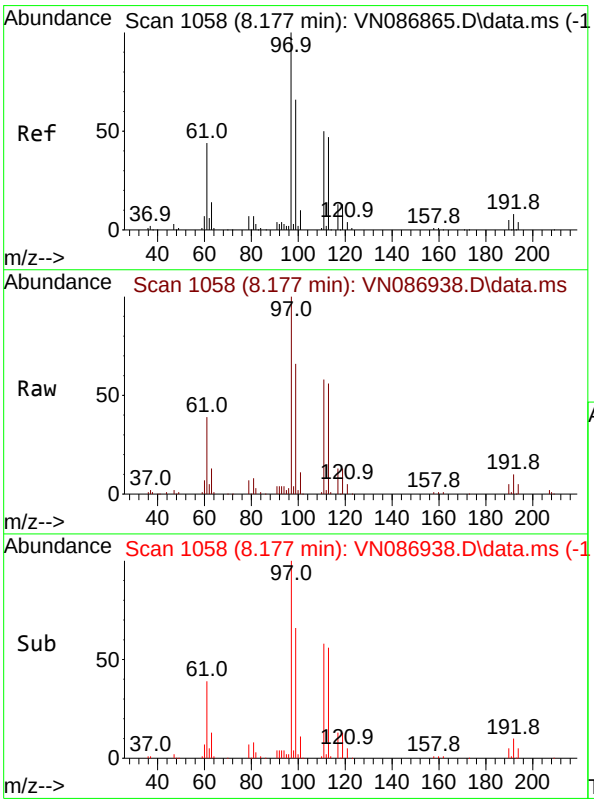
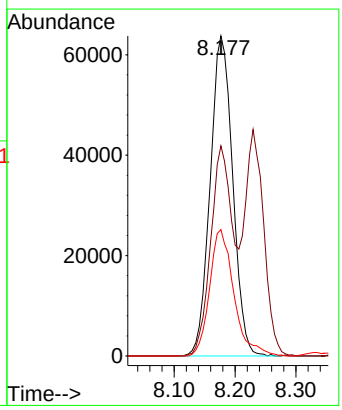
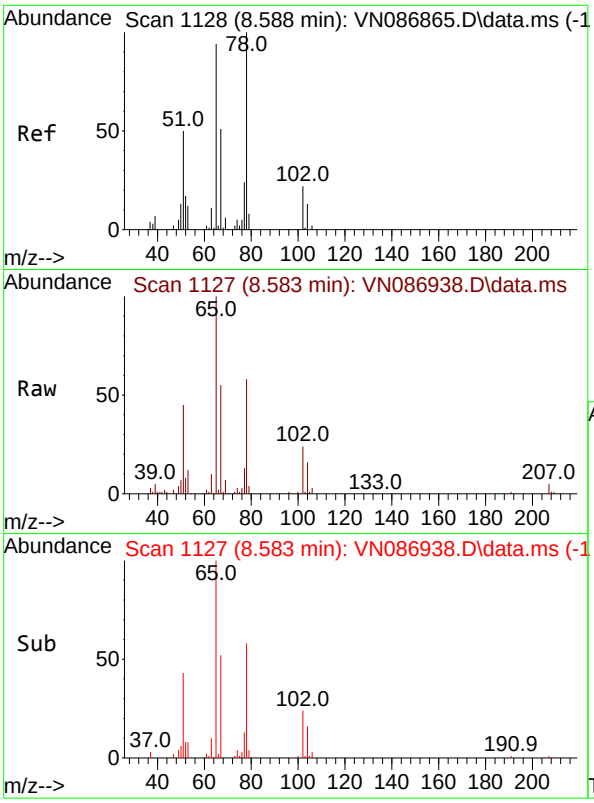


#32
1,1,1-Trichloroethane
Concen: 48.711 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 97 Resp: 163721

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.0	78.0
61	42.6	35.9	53.9

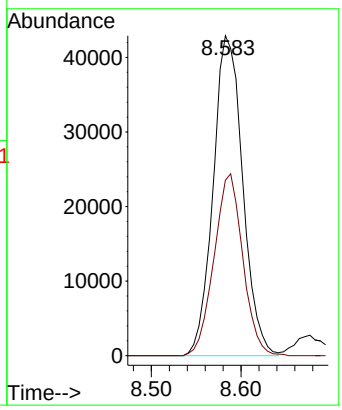




#33
1,2-Dichloroethane-d4
Concen: 41.450 ug/l
RT: 8.583 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 65 Resp: 9807

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	105.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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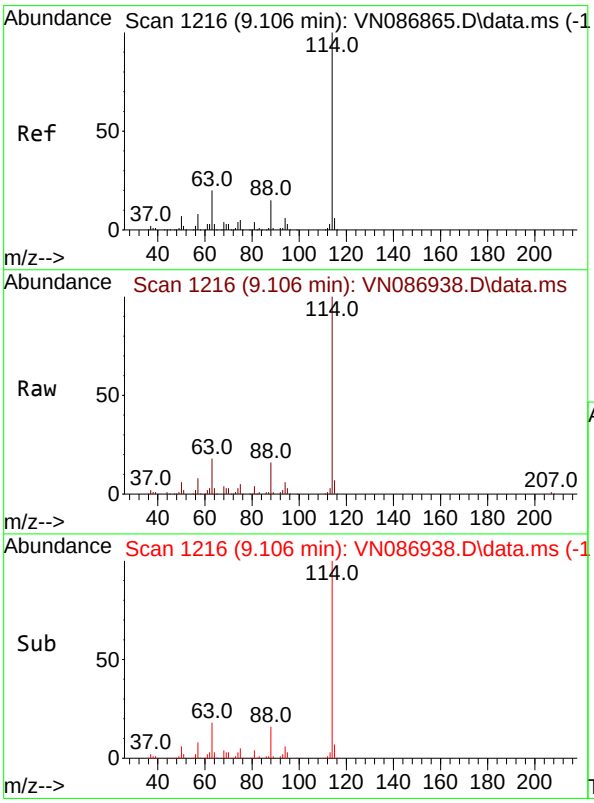
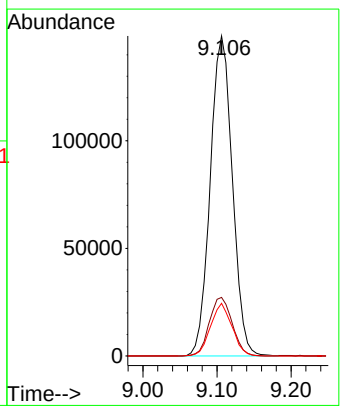
Supervised By :Mahesh Dadoda 06/11/2025

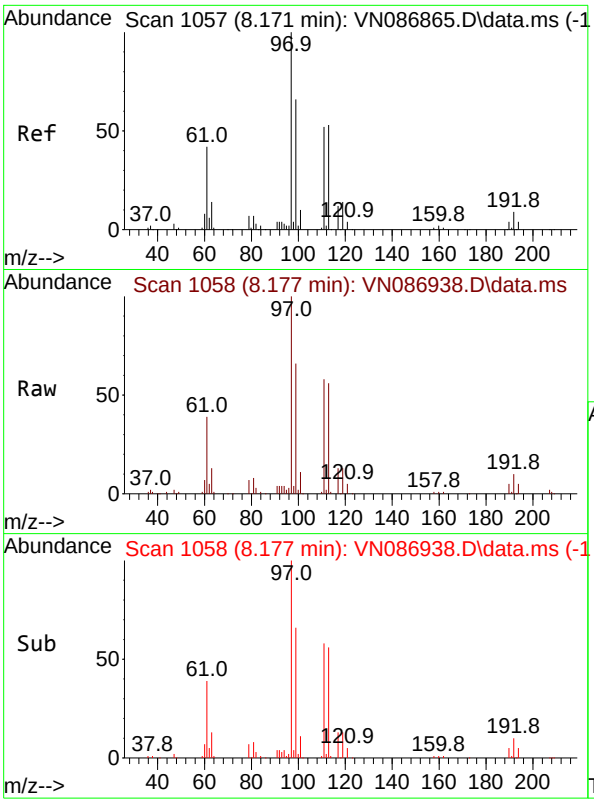


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:114 Resp: 308698

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	39.6
88	16.5	0.0	30.2

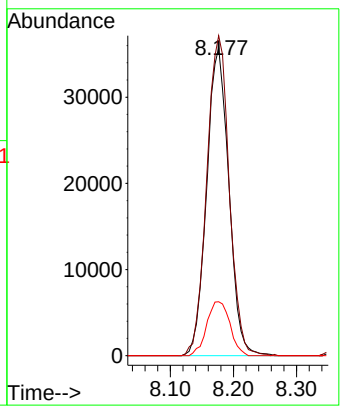




#35
Dibromofluoromethane
Concen: 47.644 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:113 Resp: 8716

Ion	Ratio	Lower	Upper
113	100		
111	105.4	84.2	126.2
192	18.3	14.2	21.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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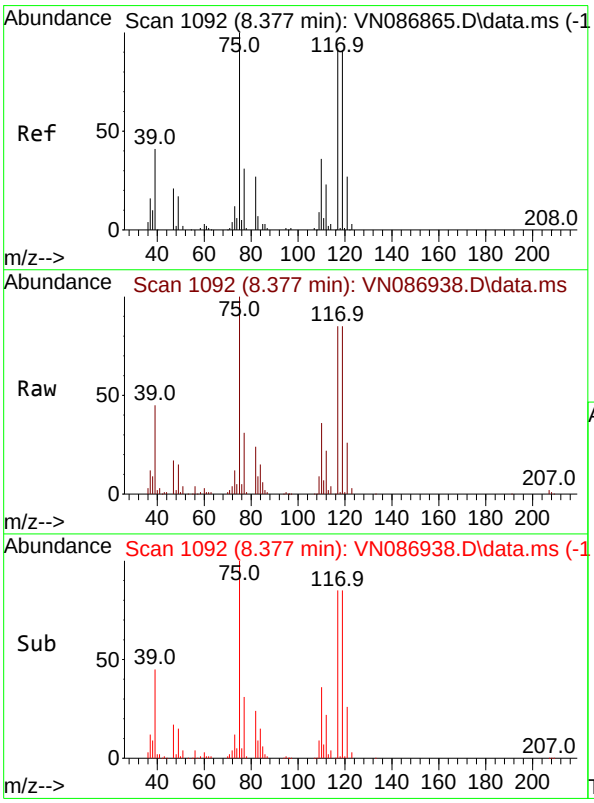
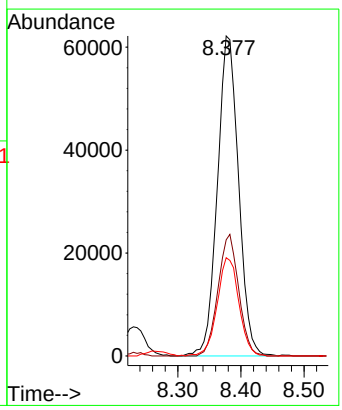
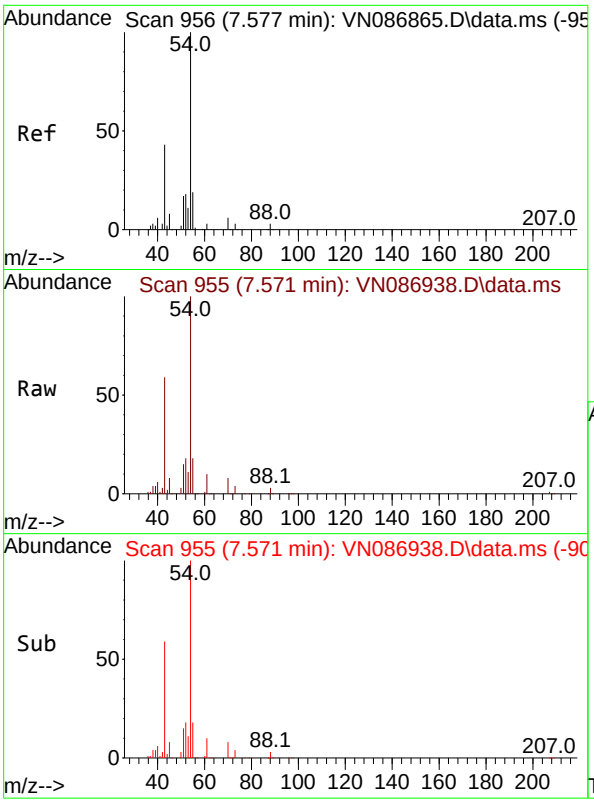


#36
1,1-Dichloropropene
Concen: 53.151 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 144891

Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.6	52.9
77	31.4	25.3	37.9

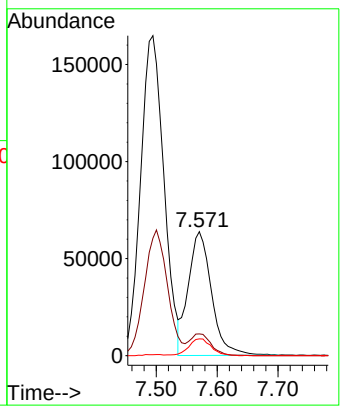




#37
Ethyl Acetate
Concen: 48.826 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 16943

Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.1	18.1
70	13.3	9.8	14.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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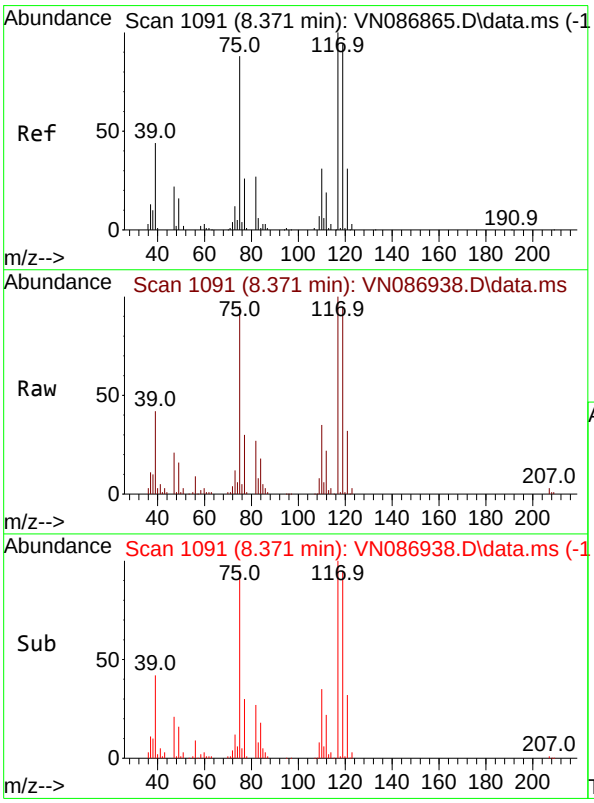
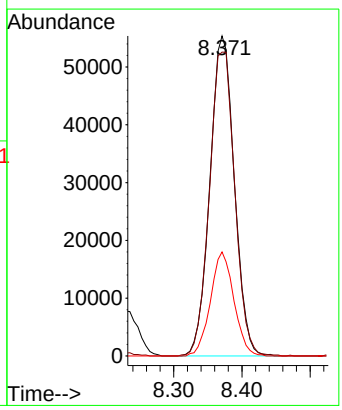
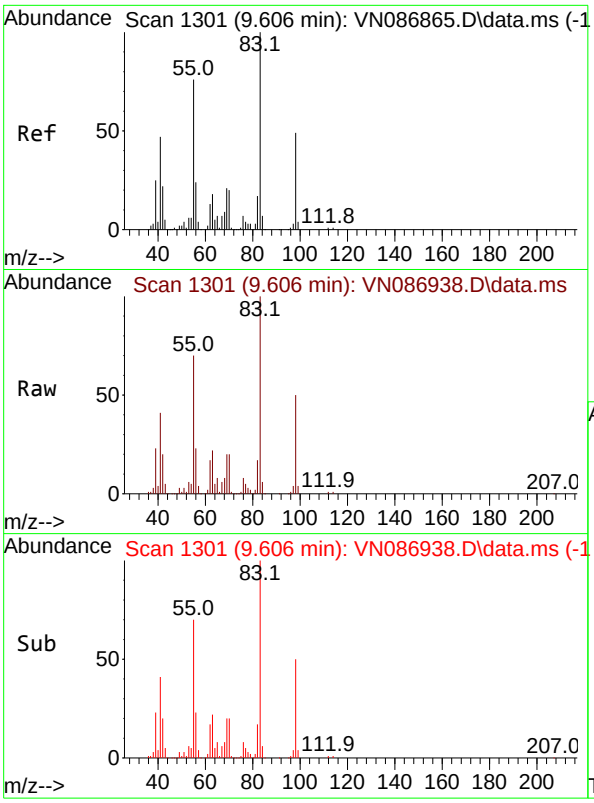


#38
Carbon Tetrachloride
Concen: 51.670 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:117 Resp: 138285

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.0	112.6
121	32.5	24.9	37.3





#39
Methylcyclohexane
Concen: 48.565 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 83 Resp: 18137

Ion	Ratio	Lower	Upper
83	100		
55	70.0	61.0	91.6
98	50.0	38.9	58.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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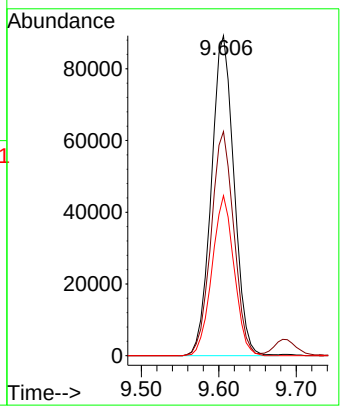
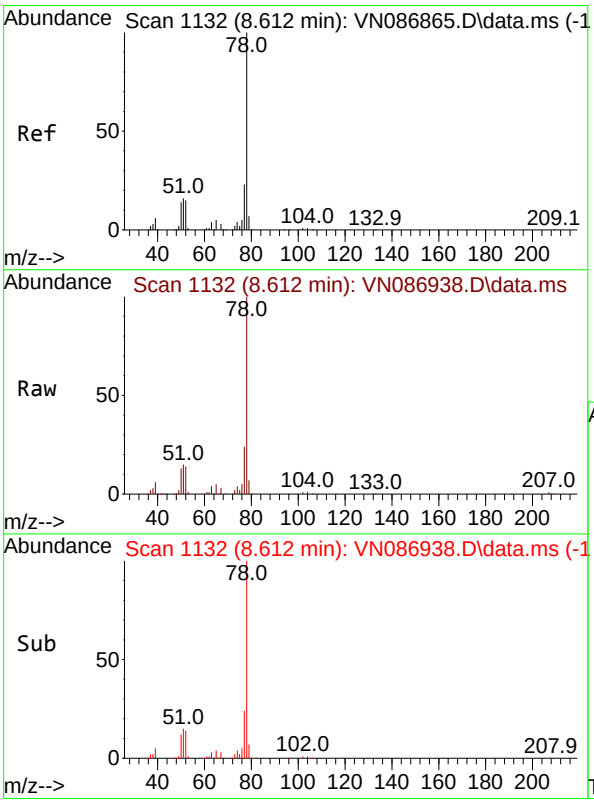
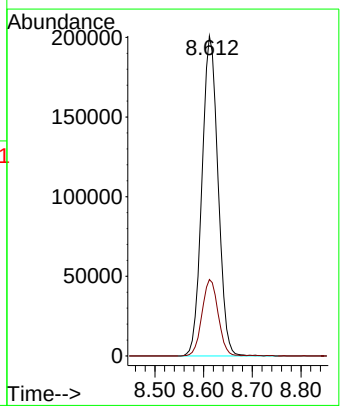


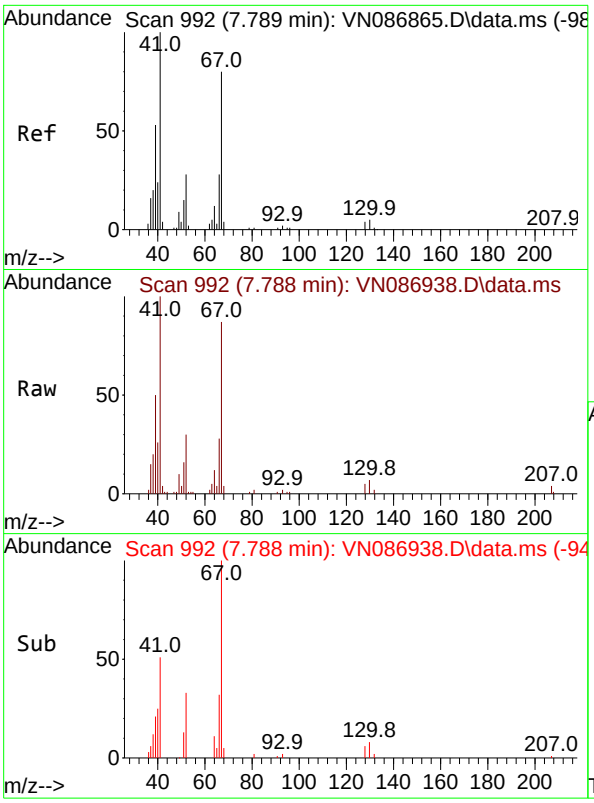


#40
Benzene
Concen: 51.541 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 78 Resp: 459444

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1

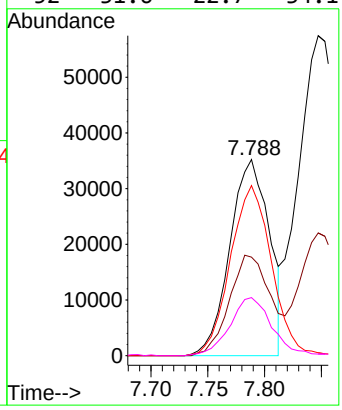




#41
Methacrylonitrile
Concen: 43.757 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 41 Resp: 8527

Ion	Ratio	Lower	Upper
41	100		
39	54.3	41.2	61.8
67	90.6	61.4	92.2
52	31.6	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
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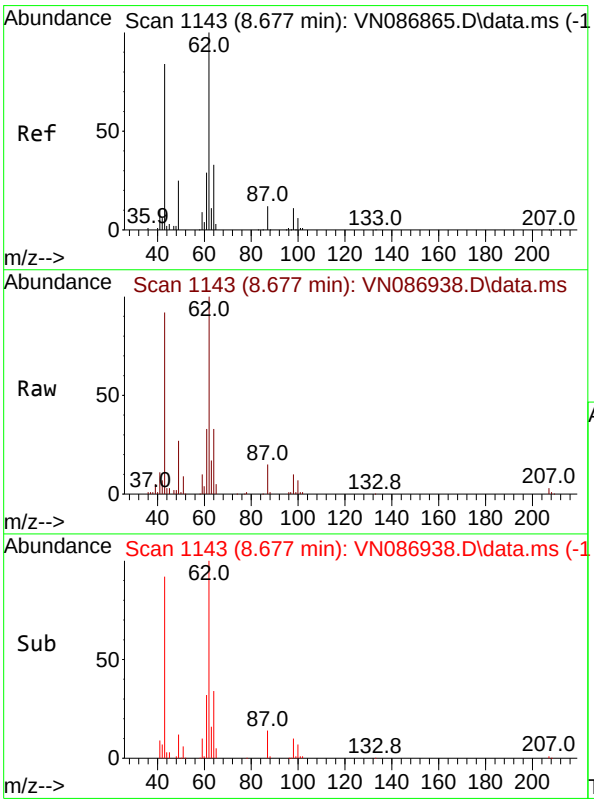
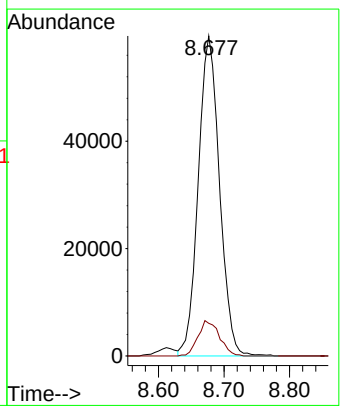
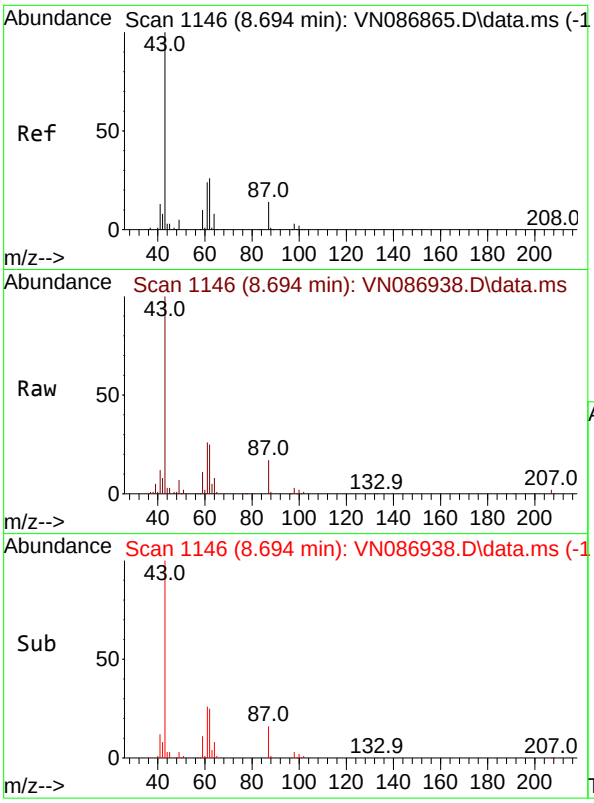


#42
1,2-Dichloroethane
Concen: 49.742 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 62 Resp: 134489

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.2





#43
Isopropyl Acetate
Concen: 46.178 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 25719

Ion	Ratio	Lower	Upper
43	100		
61	29.7	22.1	33.1
87	16.6	11.8	17.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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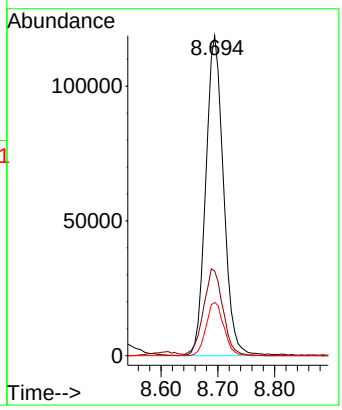
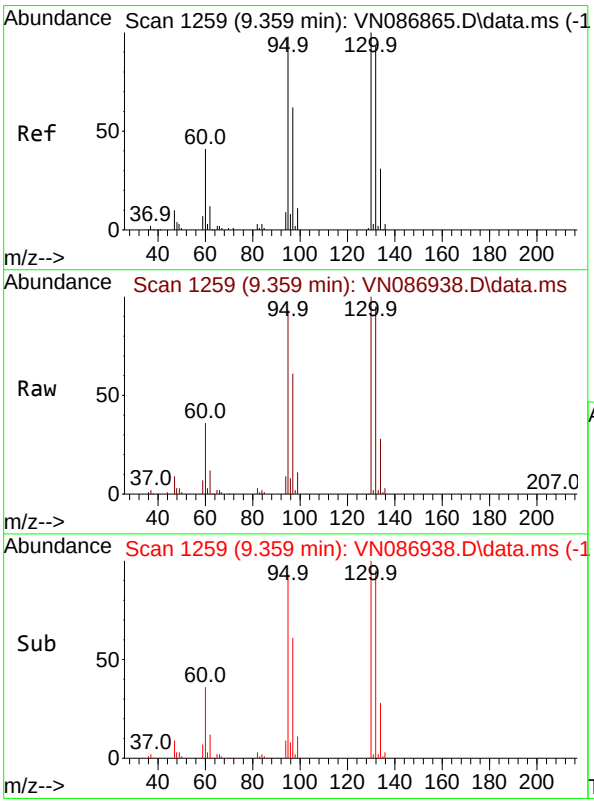
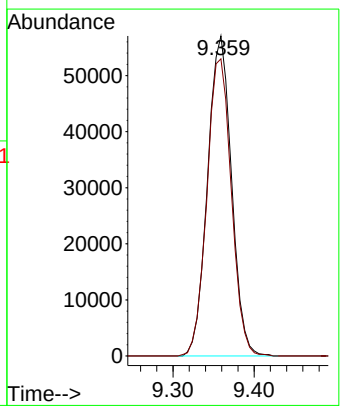


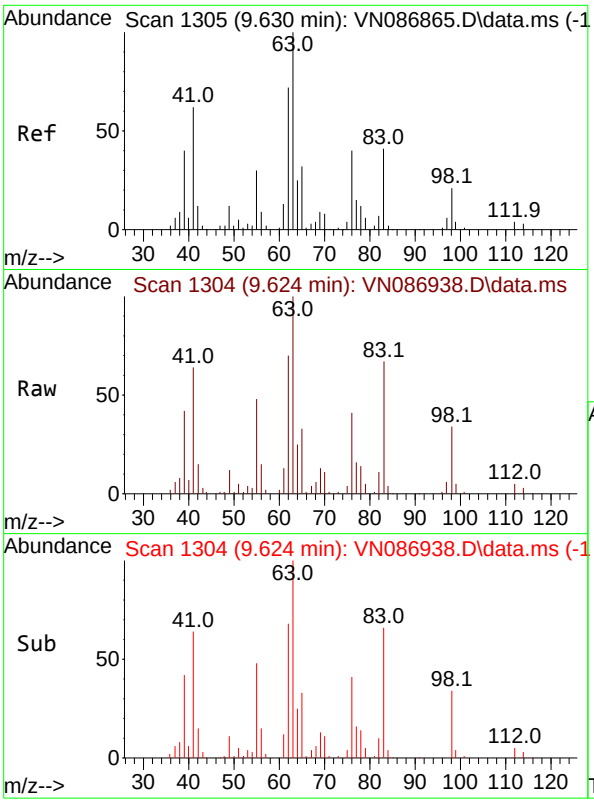


#44
Trichloroethene
Concen: 55.301 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:130 Resp: 116889

Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	196.2

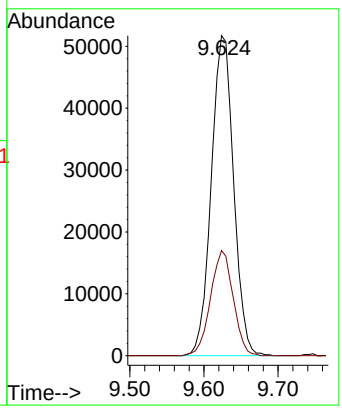




#45
1,2-Dichloropropane
Concen: 49.919 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 63 Resp: 10825

Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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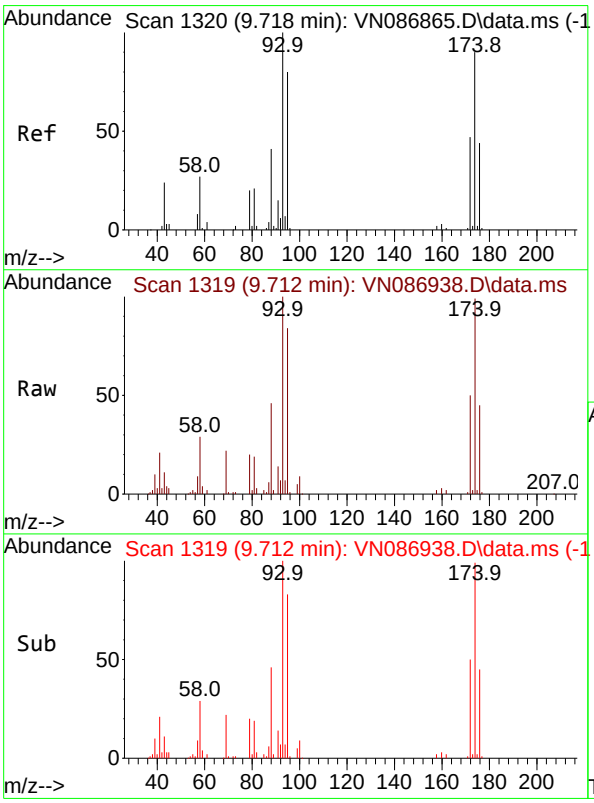
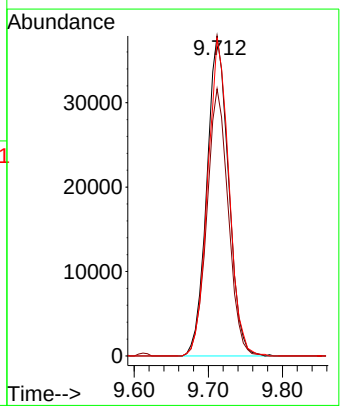
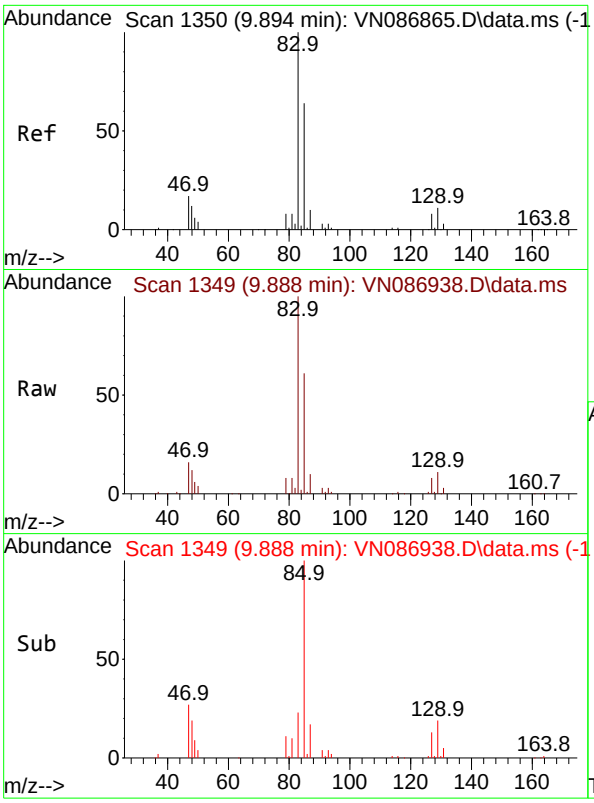


#46
Dibromomethane
Concen: 53.450 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 93 Resp: 76994

Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.1	100.7
174	97.2	74.2	111.4

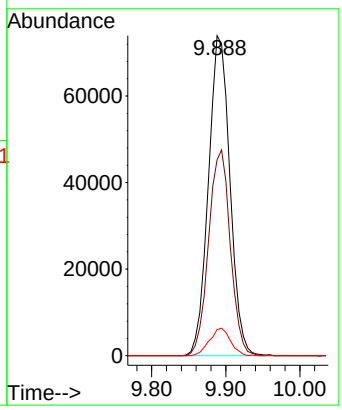




#47
Bromodichloromethane
Concen: 50.334 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 83 Resp: 14917

Ion	Ratio	Lower	Upper
83	100		
85	61.2	50.9	76.3
127	8.1	6.6	10.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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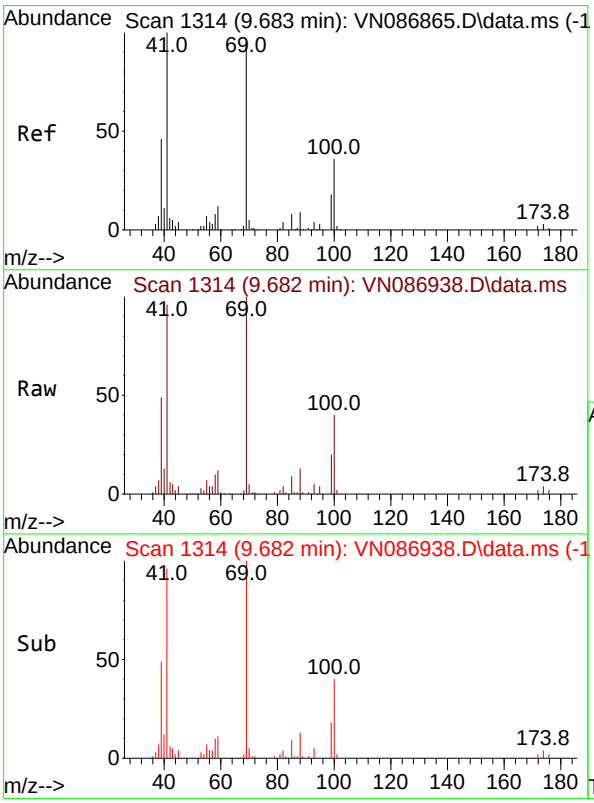
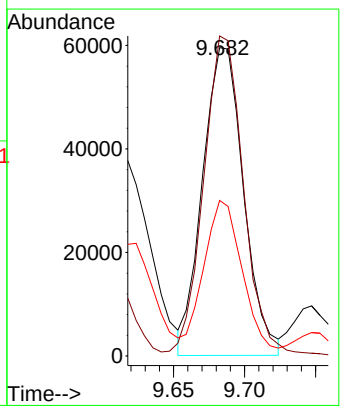
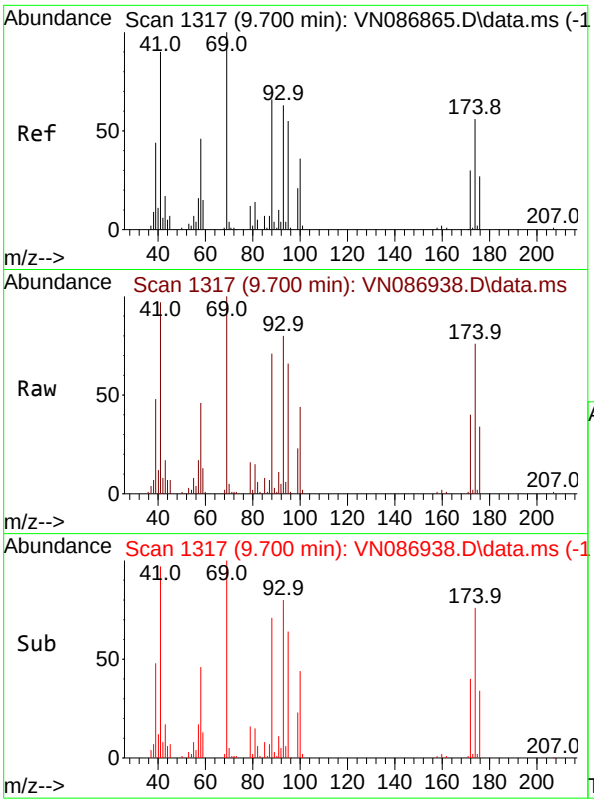


#48
Methyl methacrylate
Concen: 46.638 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 41 Resp: 119559

Ion	Ratio	Lower	Upper
41	100		
69	101.1	74.6	112.0
39	48.6	40.2	60.4





#49
1,4-Dioxane
Concen: 1087.344 ug/l
RT: 9.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 88 Resp: 5071

Ion	Ratio	Lower	Upper
88	100		
43	17.7	0.0	0.0
58	66.1	57.7	86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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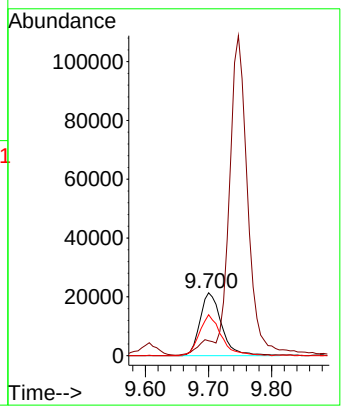
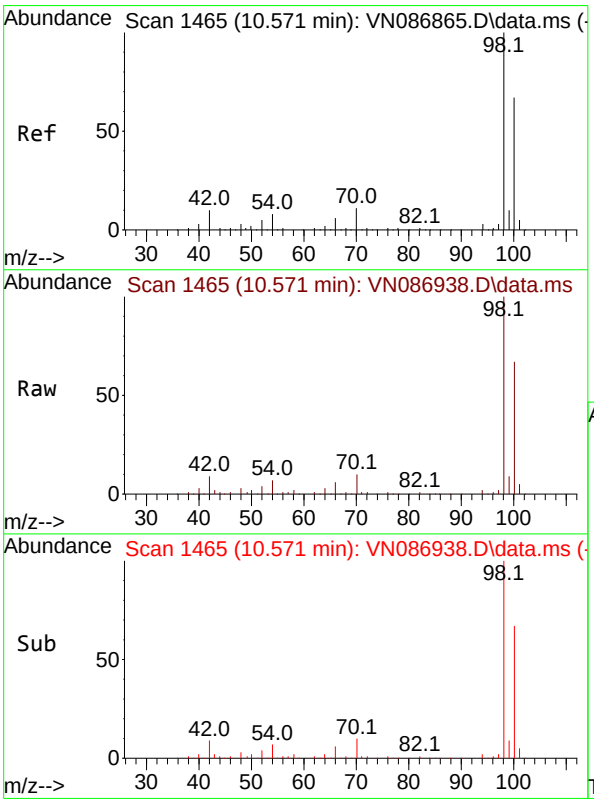
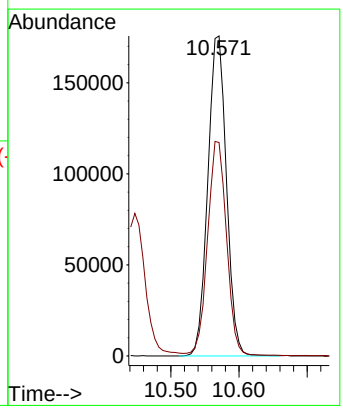


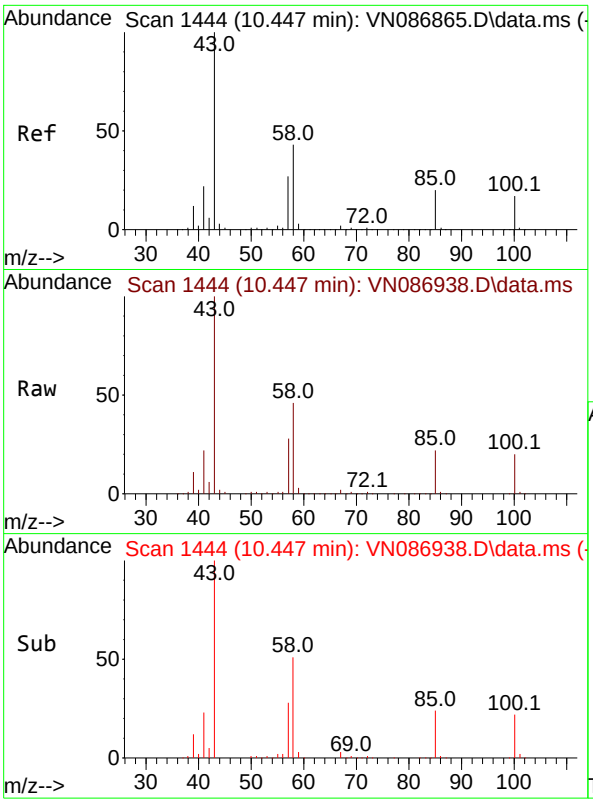


#50
Toluene-d8
Concen: 46.127 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 98 Resp: 334058

Ion	Ratio	Lower	Upper
98	100		
100	68.3	53.4	80.0





#51
4-Methyl-2-Pentanone
Concen: 235.919 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 79104

Ion	Ratio	Lower	Upper
43	100		
58	45.6	34.2	51.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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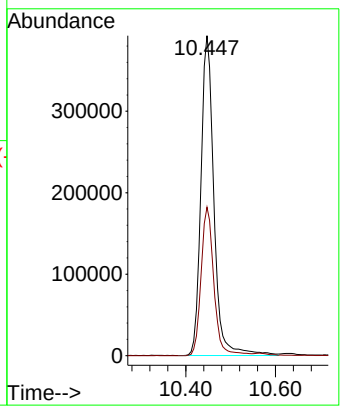
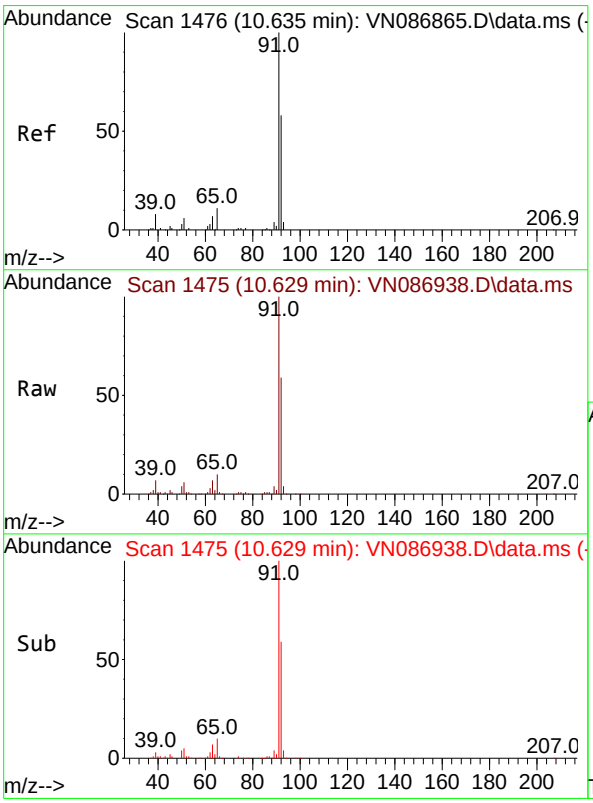
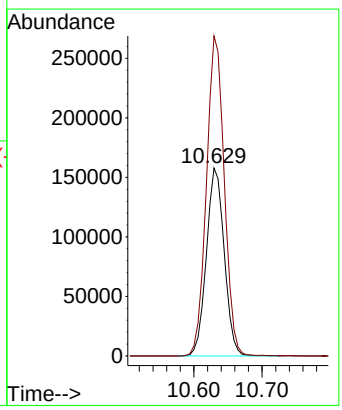


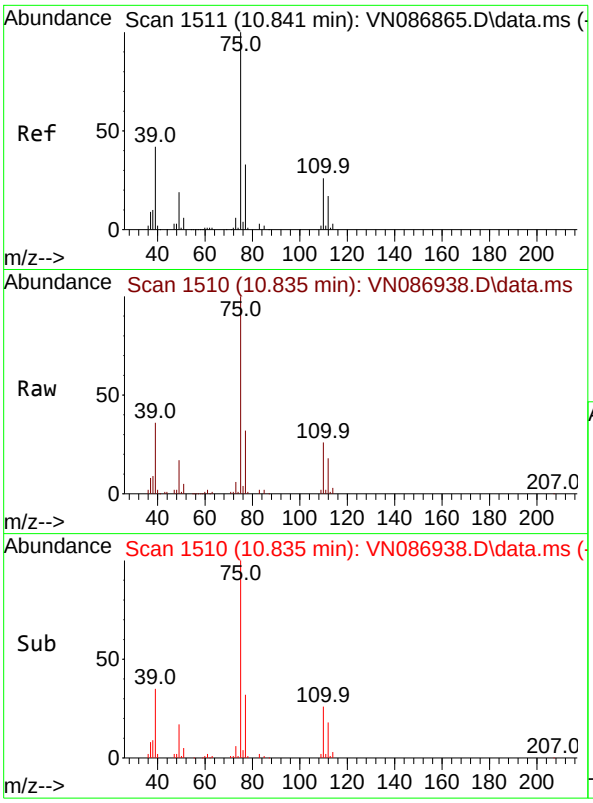


#52
Toluene
Concen: 52.776 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 92 Resp: 287508

Ion	Ratio	Lower	Upper
92	100		
91	170.4	136.5	204.7

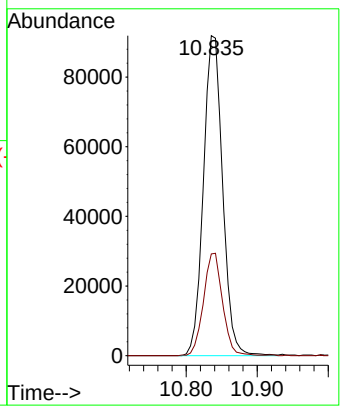




#53
t-1,3-Dichloropropene
Concen: 52.155 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 17284

Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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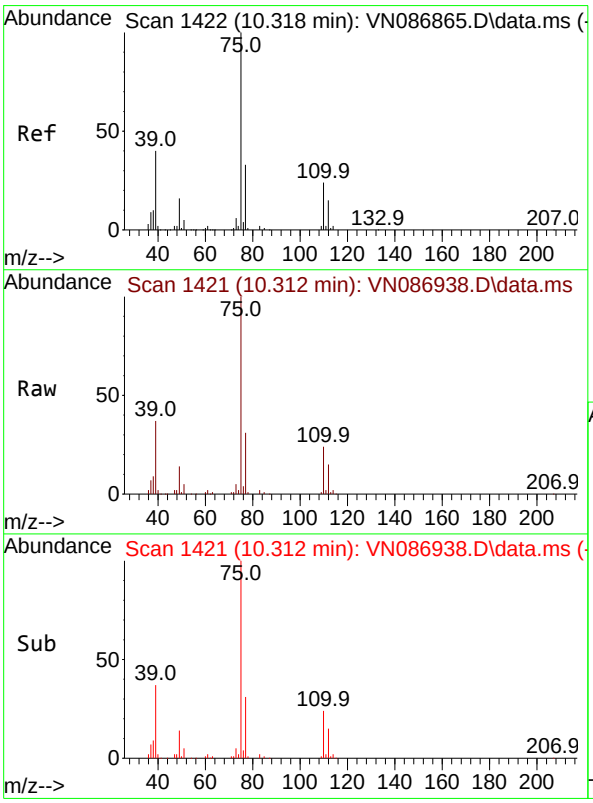
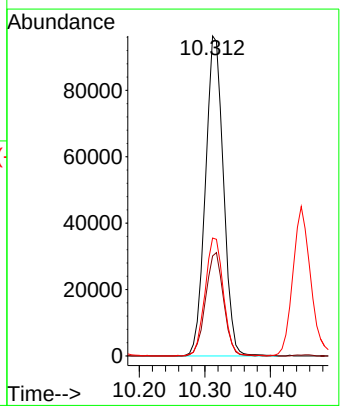
Supervised By :Mahesh Dadoda 06/11/2025

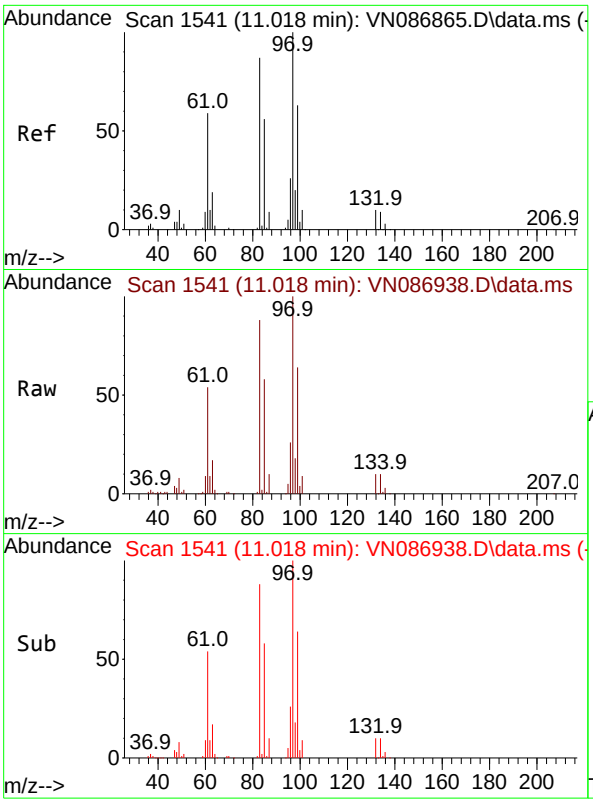


#54
cis-1,3-Dichloropropene
Concen: 51.925 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 184125

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.2	39.4
39	36.7	32.3	48.5

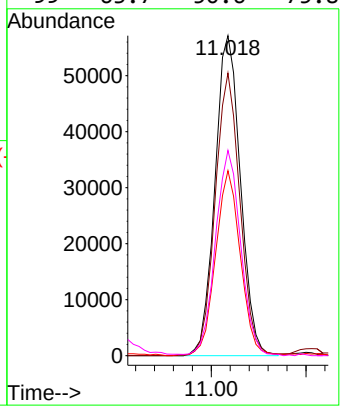




#55
1,1,2-Trichloroethane
Concen: 50.903 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 97 Resp: 10670

Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.7	104.5
85	57.5	45.1	67.7
99	63.7	50.6	75.8



Instrument :
MSVOA_N
ClientSampleId :
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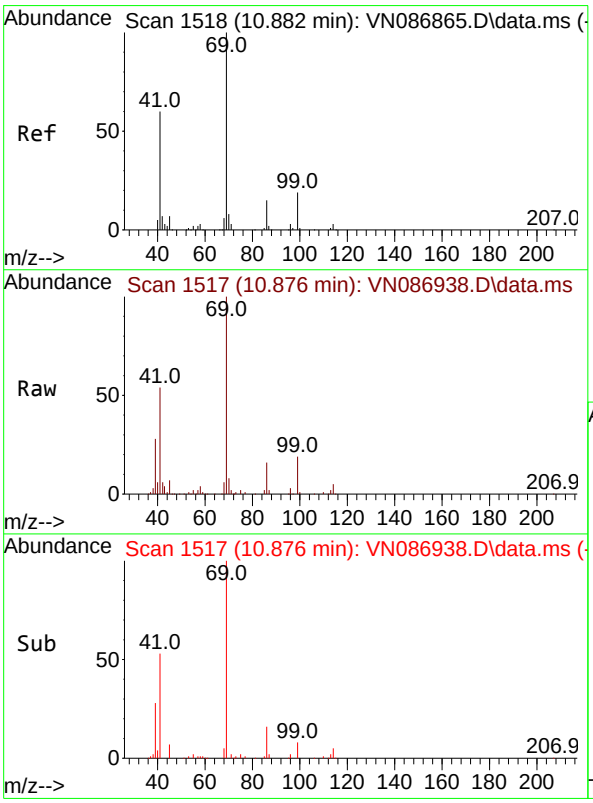
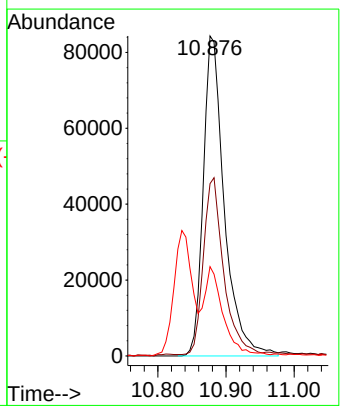
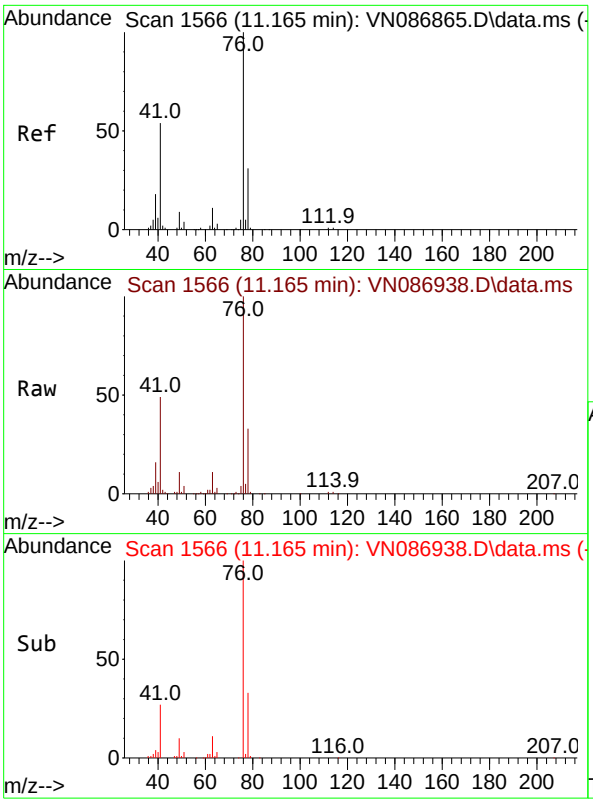


#56
Ethyl methacrylate
Concen: 54.342 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 69 Resp: 181431

Ion	Ratio	Lower	Upper
69	100		
41	53.1	47.2	70.8
39	24.7	23.0	34.6

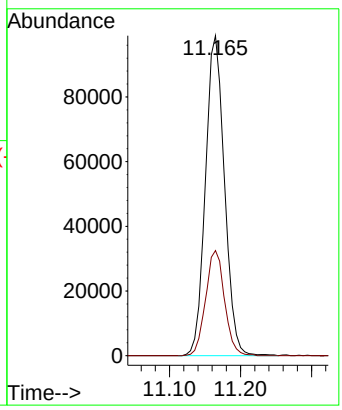




#57
1,3-Dichloropropane
Concen: 50.656 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 76 Resp: 18419

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.3	37.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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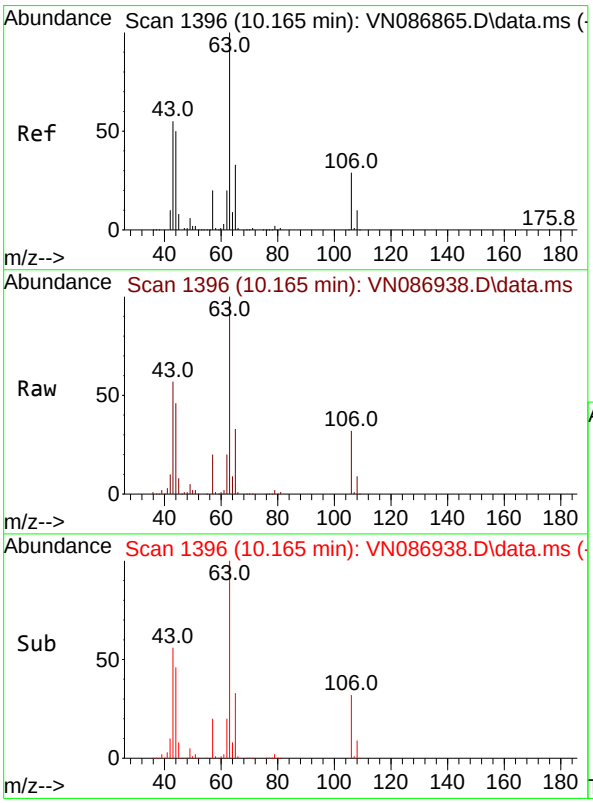
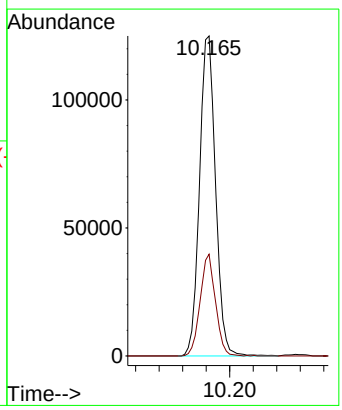
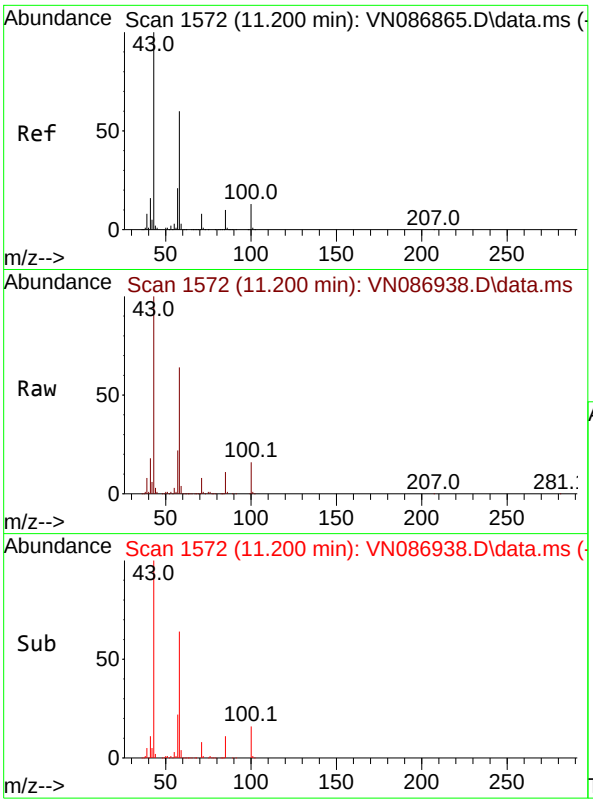


#58
2-Chloroethyl Vinyl ether
Concen: 118.651 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 63 Resp: 236277

Ion	Ratio	Lower	Upper
63	100		
106	30.3	23.0	34.6





#59
2-Hexanone
Concen: 240.145 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 51866

Ion	Ratio	Lower	Upper
43	100		
58	68.3	30.4	91.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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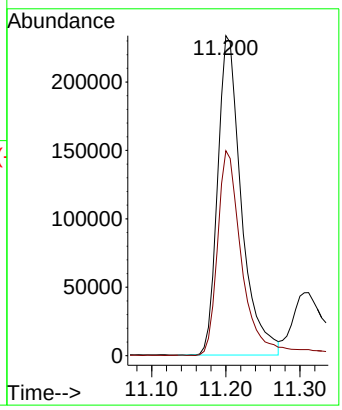
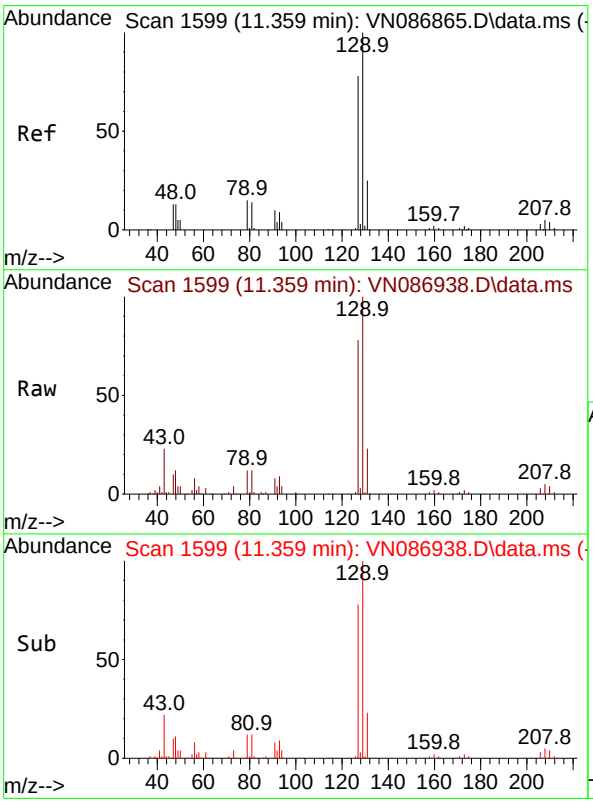
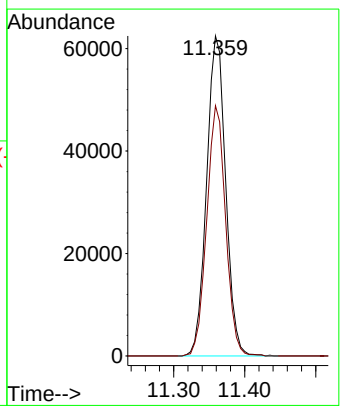


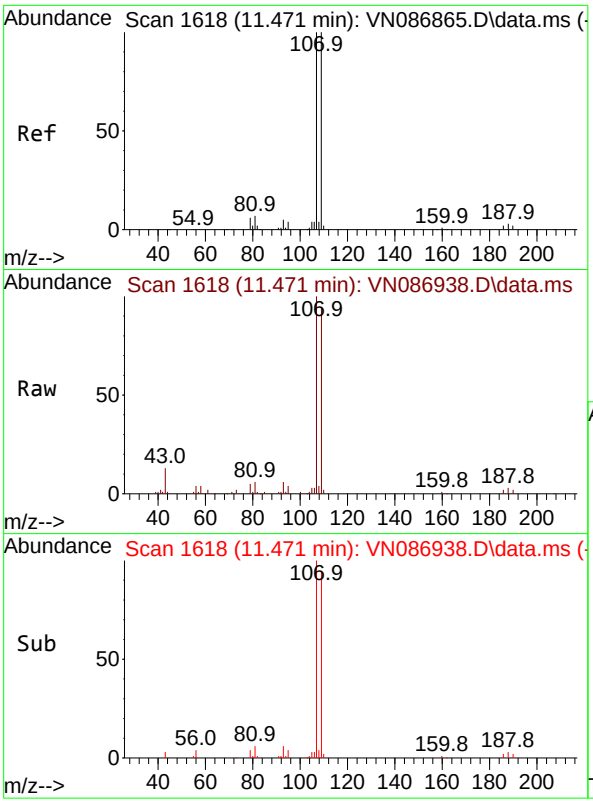


#60
Dibromochloromethane
Concen: 53.416 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:129 Resp: 116659

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	115.8

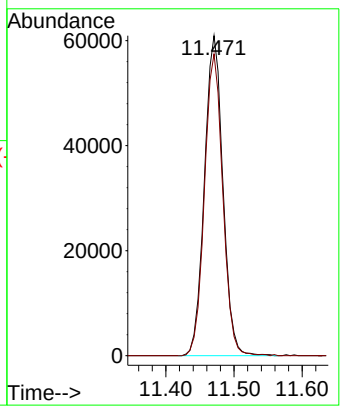




#61
1,2-Dibromoethane
Concen: 53.422 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:107 Resp: 11478

Ion	Ratio	Lower	Upper
107	100		
109	93.4	76.3	114.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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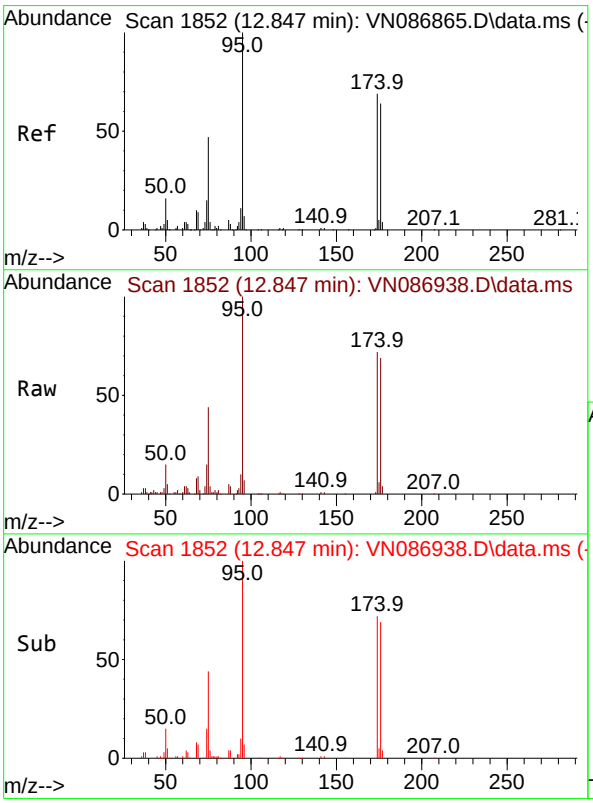
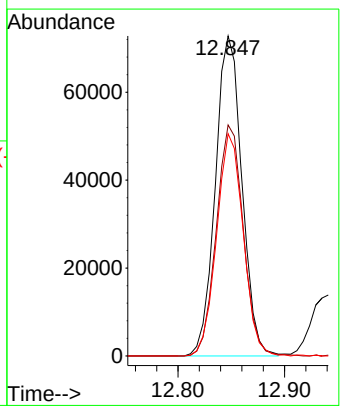
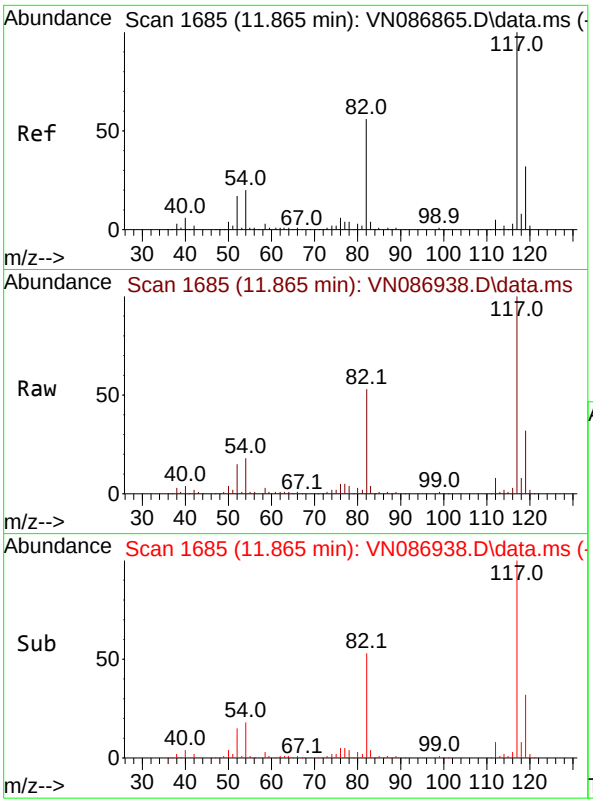


#62
4-Bromofluorobenzene
Concen: 46.767 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 95 Resp: 125834

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	141.8
176	69.6	0.0	132.6

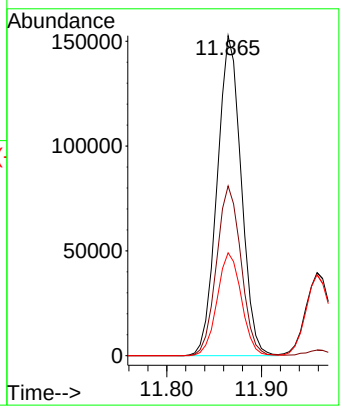




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:117 Resp: 26958

Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.6	67.0
119	32.1	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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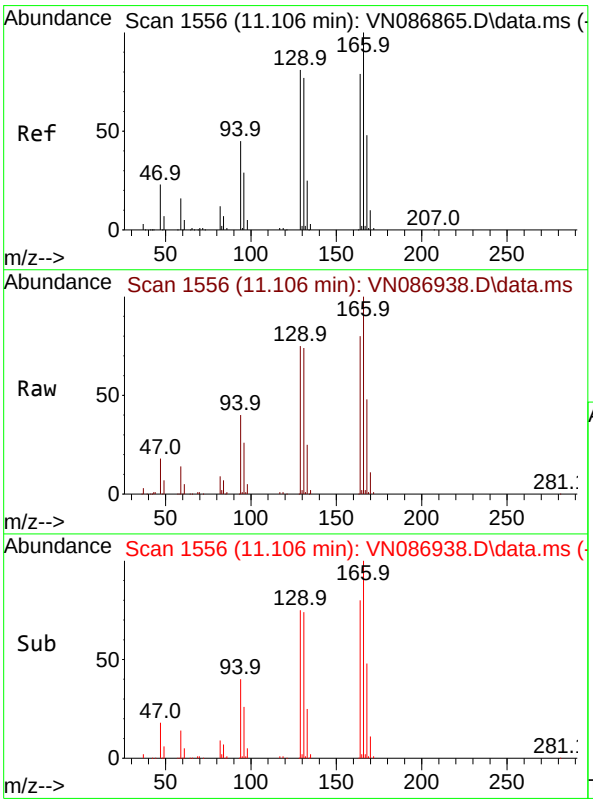
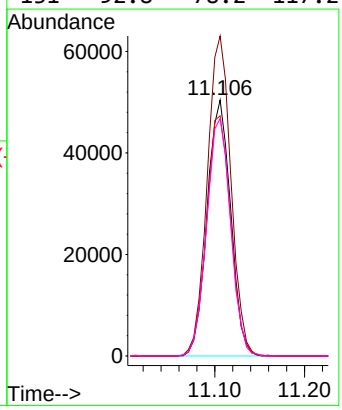
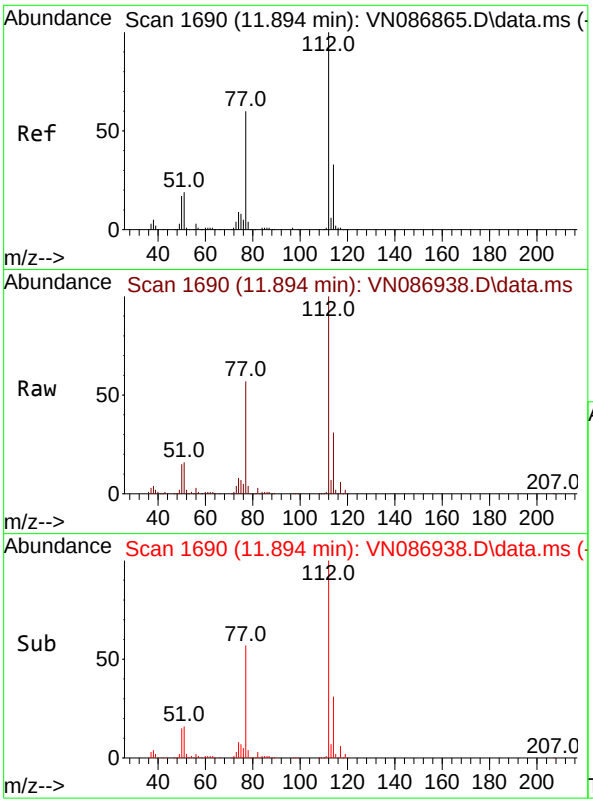


#64
Tetrachloroethene
Concen: 53.850 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:164 Resp: 91874

Ion	Ratio	Lower	Upper
164	100		
166	125.0	101.8	152.8
129	93.9	83.0	124.4
131	92.8	78.2	117.2

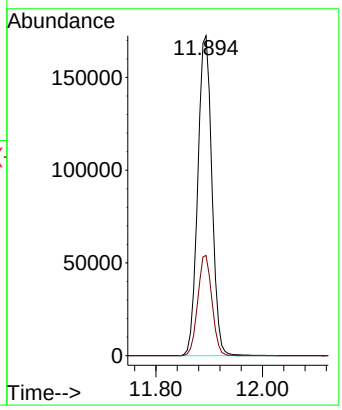




#65
Chlorobenzene
Concen: 53.264 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:112 Resp: 31669

Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.2	39.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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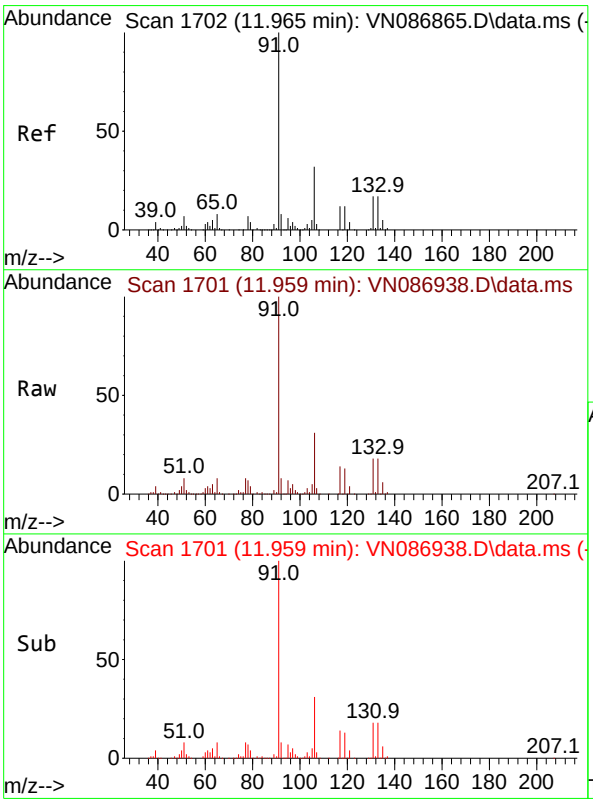
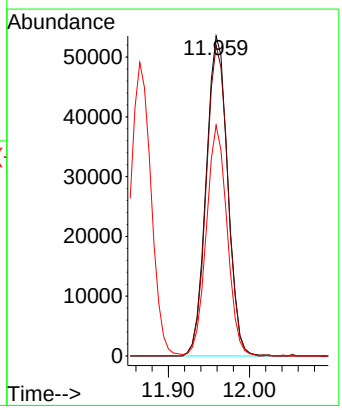
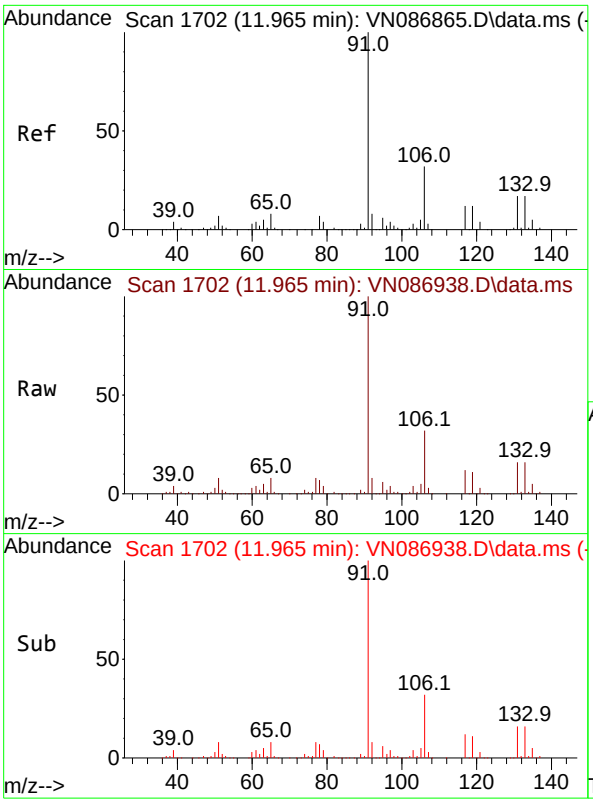


#66
1,1,1,2-Tetrachloroethane
Concen: 51.578 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:131 Resp: 98580

Ion	Ratio	Lower	Upper
131	100		
133	97.0	48.3	144.8
119	69.5	34.0	101.8





#67
Ethyl Benzene
Concen: 52.405 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 91 Resp: 53671

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.4	38.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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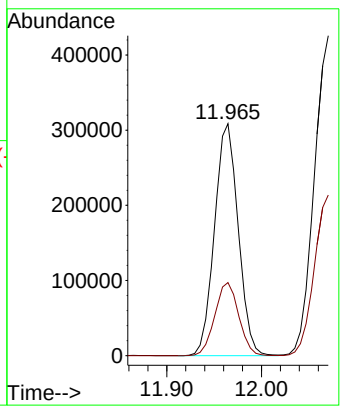
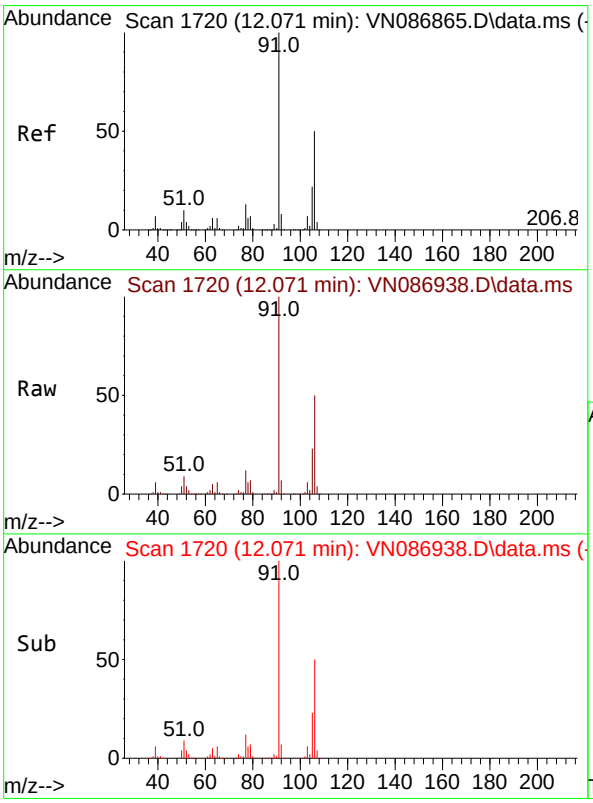
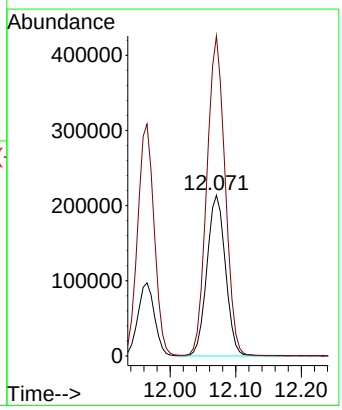


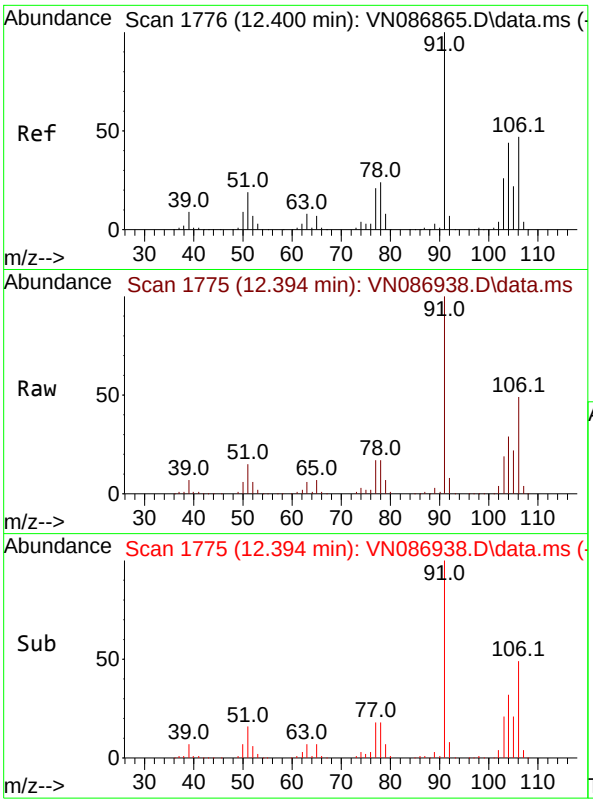


#68
m/p-Xylenes
Concen: 106.858 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:106 Resp: 418936

Ion	Ratio	Lower	Upper
106	100		
91	196.5	159.4	239.0





#69
o-Xylene
Concen: 53.615 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:106 Resp: 20131

Ion	Ratio	Lower	Upper
106	100		
91	206.6	106.1	318.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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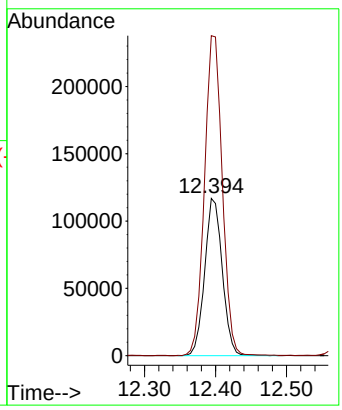
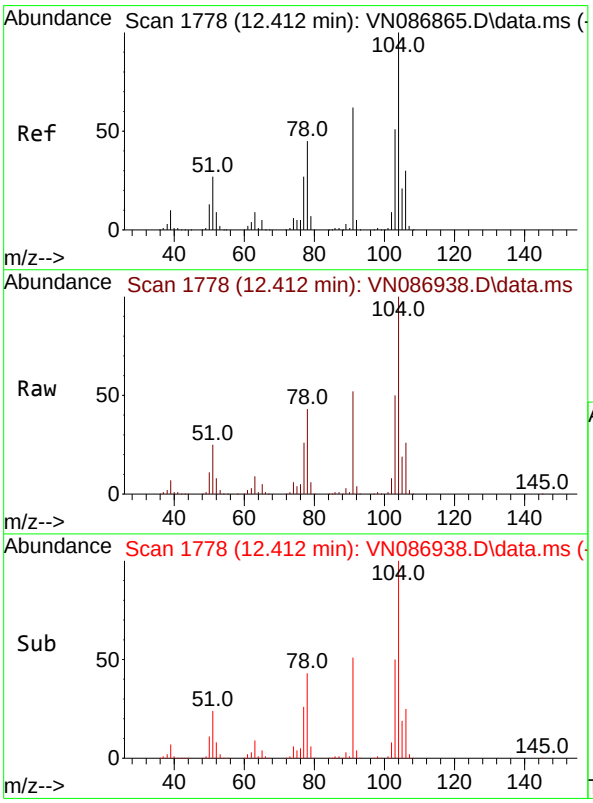
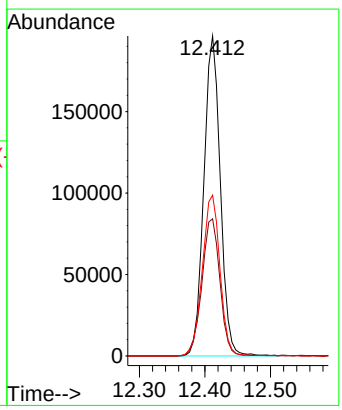


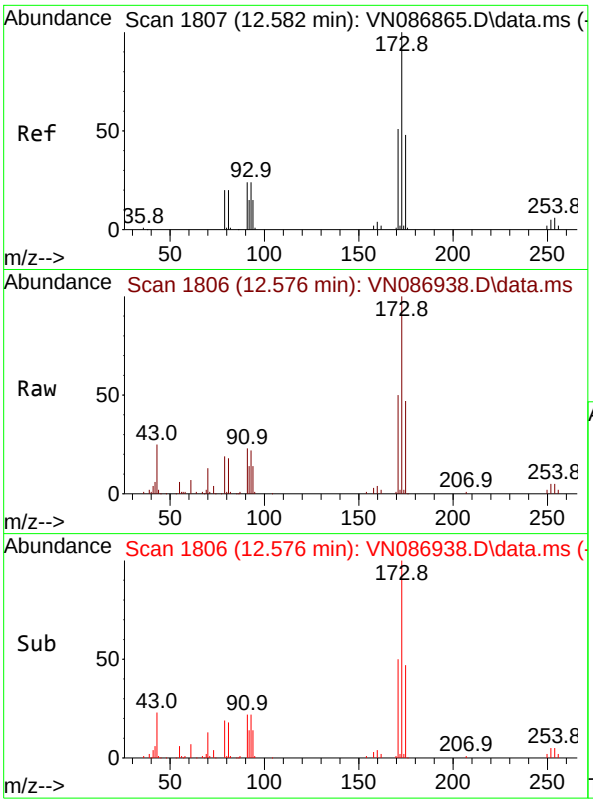


#70
Styrene
Concen: 53.450 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:104 Resp: 343422

Ion	Ratio	Lower	Upper
104	100		
78	47.1	38.5	57.7
103	54.0	43.1	64.7

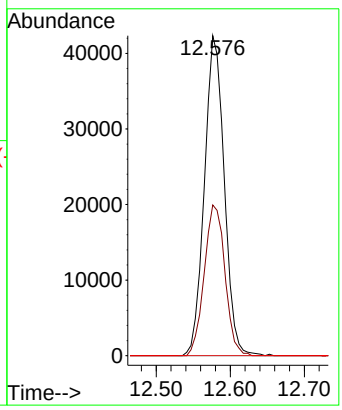




#71
Bromoform
Concen: 55.657 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:173 Resp: 7881

Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.4
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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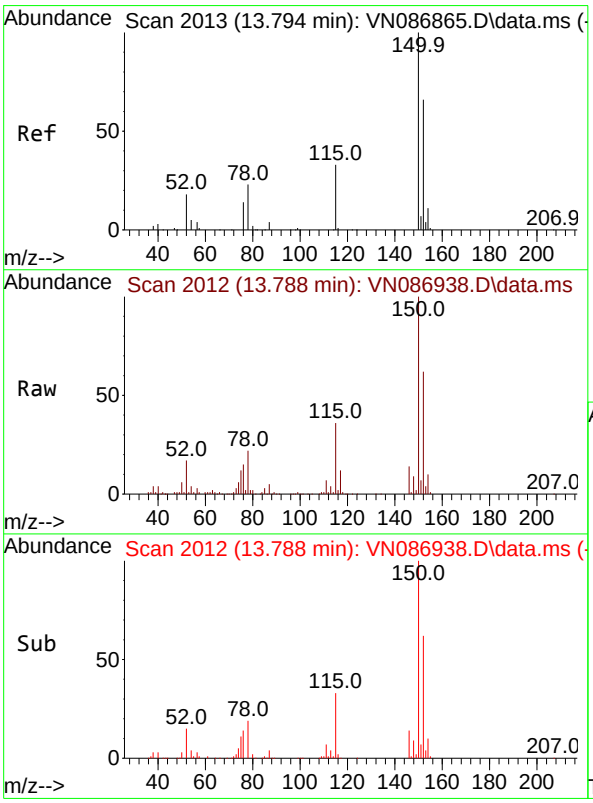
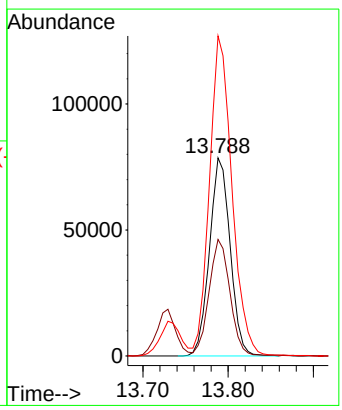
Supervised By :Mahesh Dadoda 06/11/2025

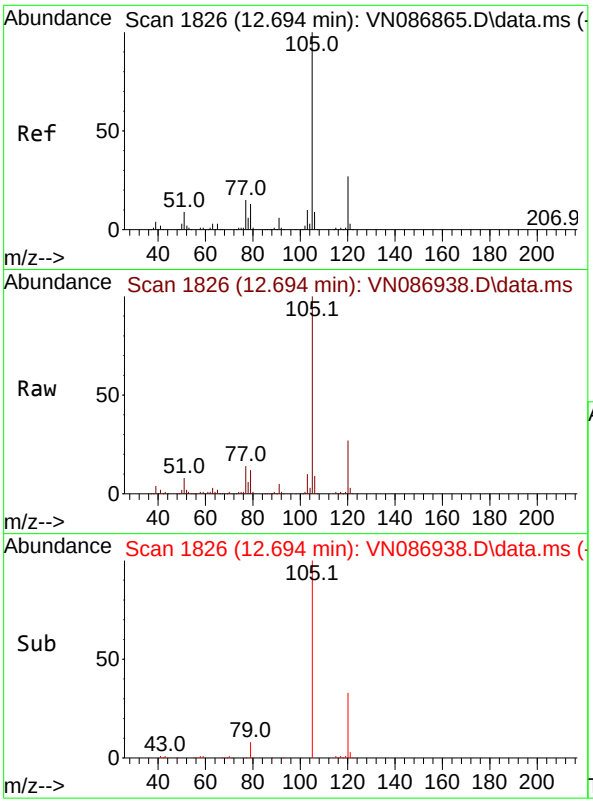


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:152 Resp: 132769

Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.1	90.5
150	176.3	0.0	345.0





#73
Isopropylbenzene
Concen: 50.649 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:105 Resp: 48989

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4

Instrument :
MSVOA_N
ClientSampleId :
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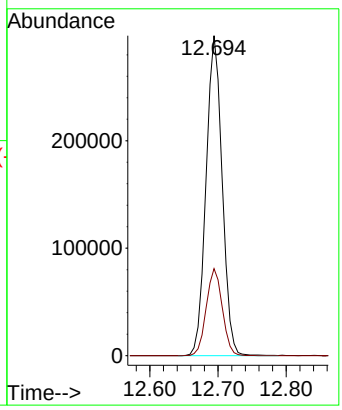
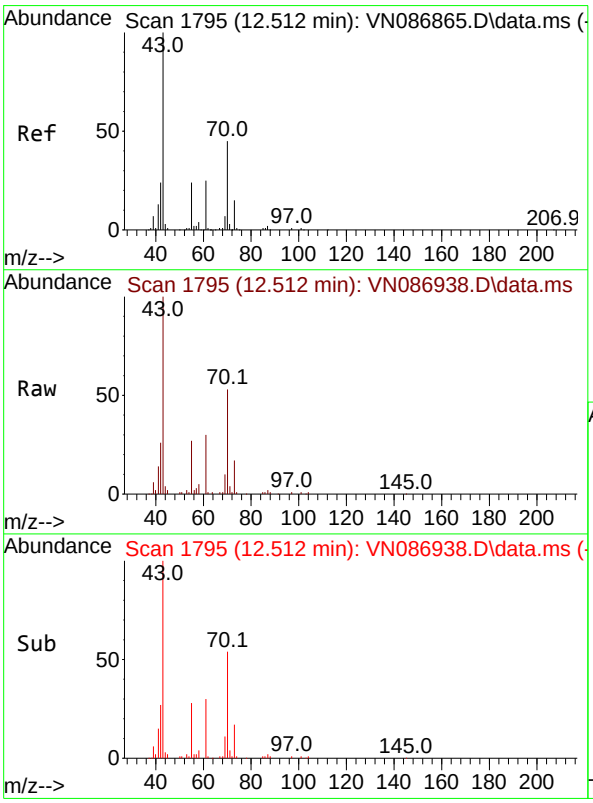
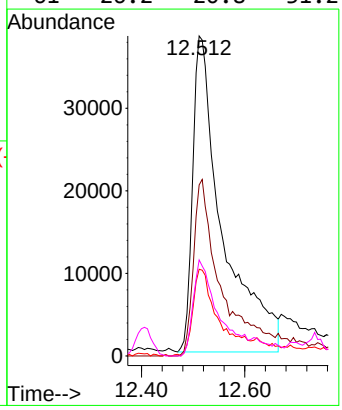


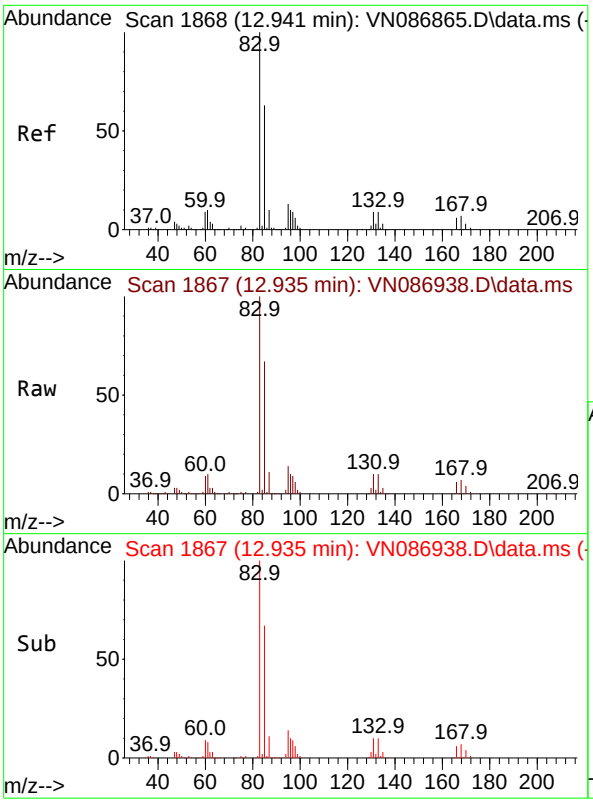


#74
N-amyl acetate
Concen: 45.303 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 153120

Ion	Ratio	Lower	Upper
43	100		
70	55.0	37.6	56.4
55	23.8	19.0	28.6
61	26.2	20.8	31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.740 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 83 Resp: 16626

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	65.7	32.0	96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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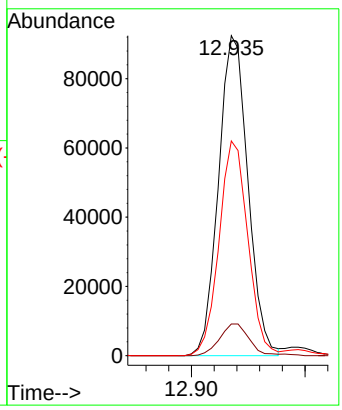
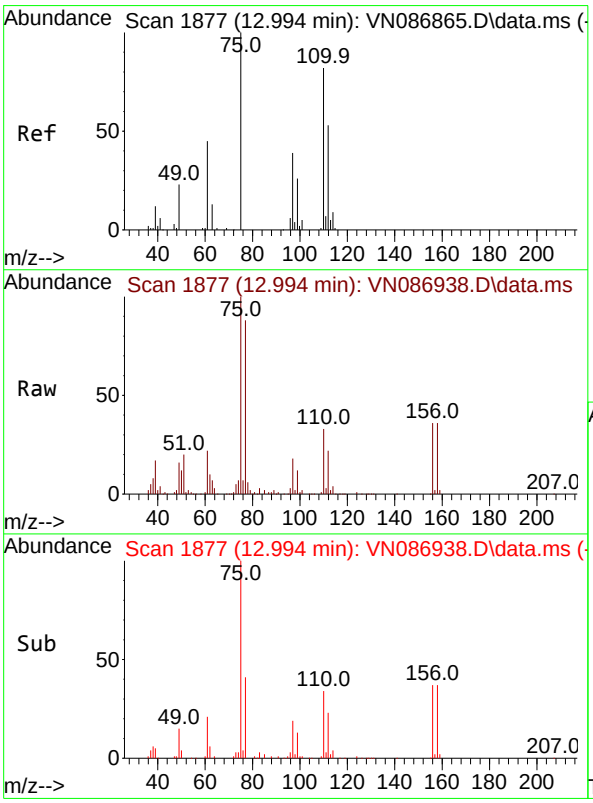
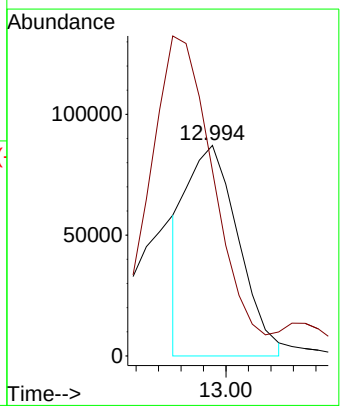


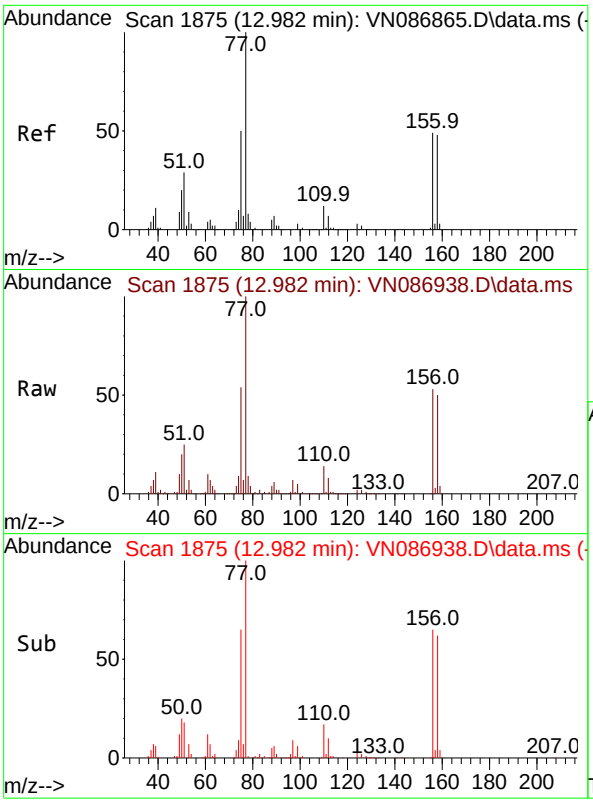


#76
1,2,3-Trichloropropane
Concen: 44.539 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 140564

Ion	Ratio	Lower	Upper
75	100		
77	191.1	79.3	237.9

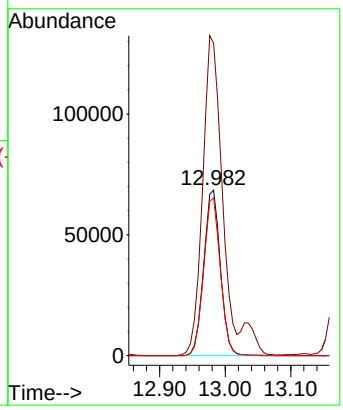




#77
Bromobenzene
Concen: 54.696 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:156 Resp: 12132

Ion	Ratio	Lower	Upper
156	100		
77	221.4	117.7	353.1
158	95.5	48.1	144.4



Instrument :
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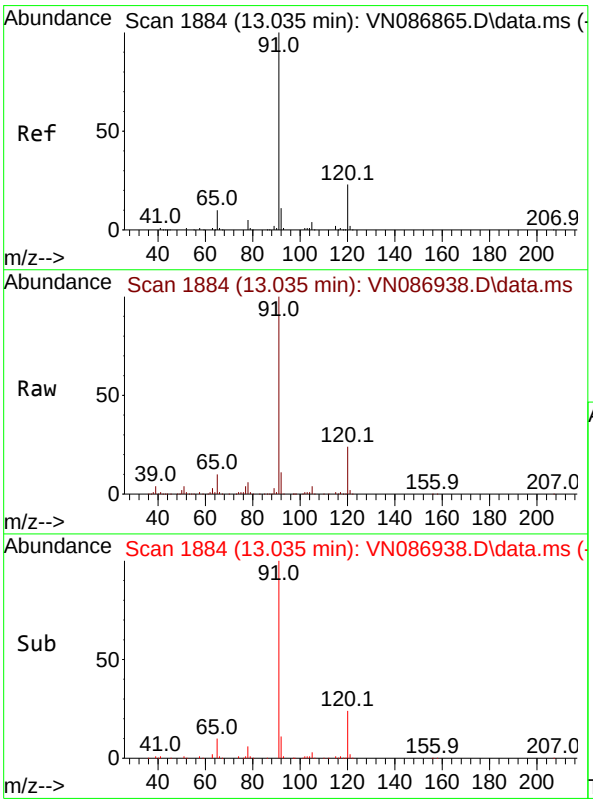
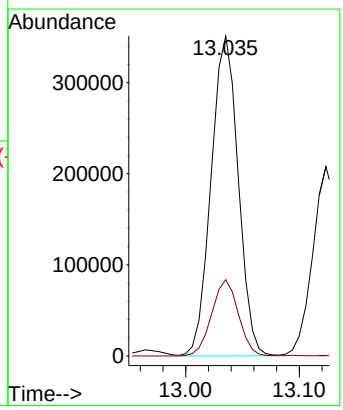
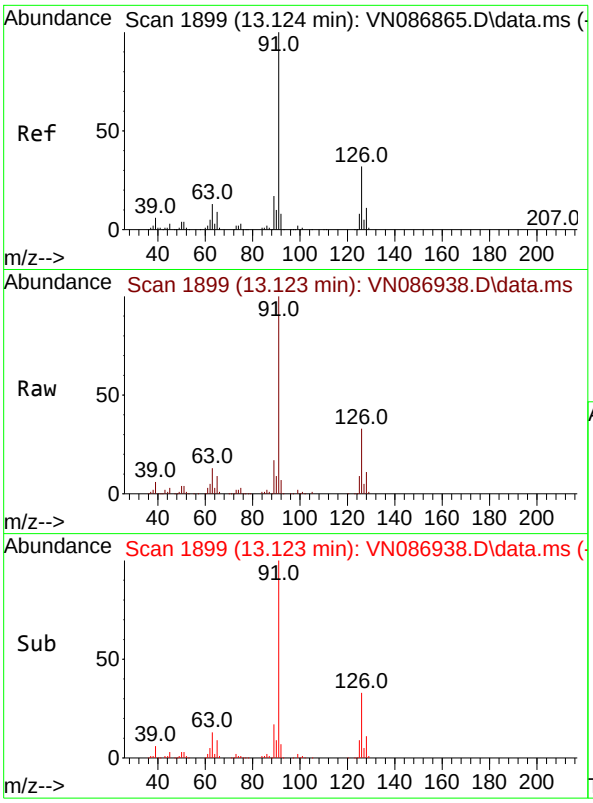


#78
n-propylbenzene
Concen: 49.576 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 91 Resp: 582741

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.4	34.2

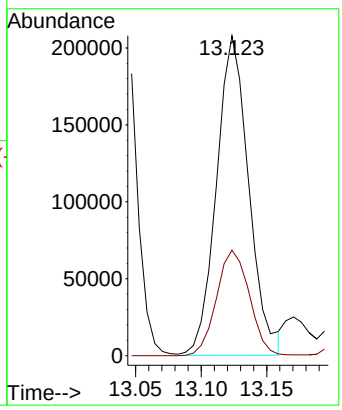




#79
2-Chlorotoluene
Concen: 50.413 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 91 Resp: 35537

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.2	48.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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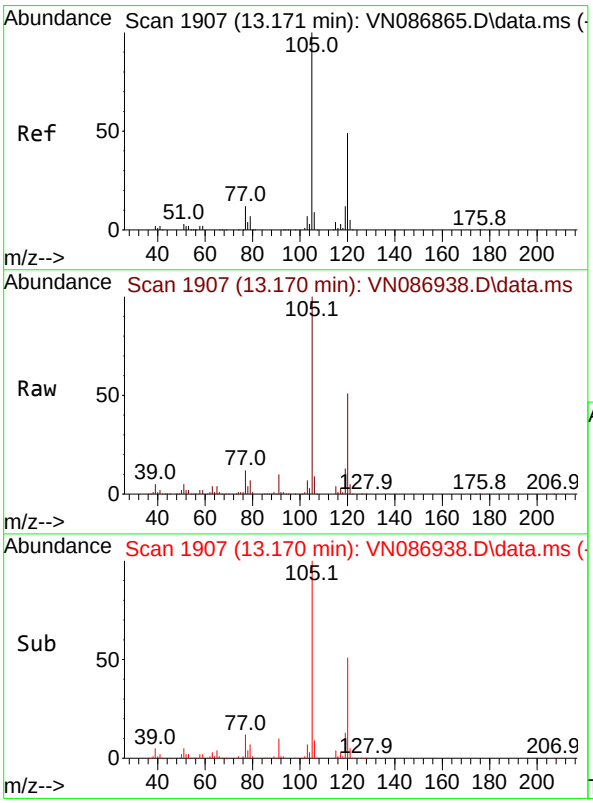
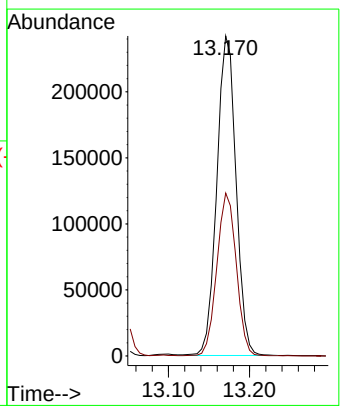
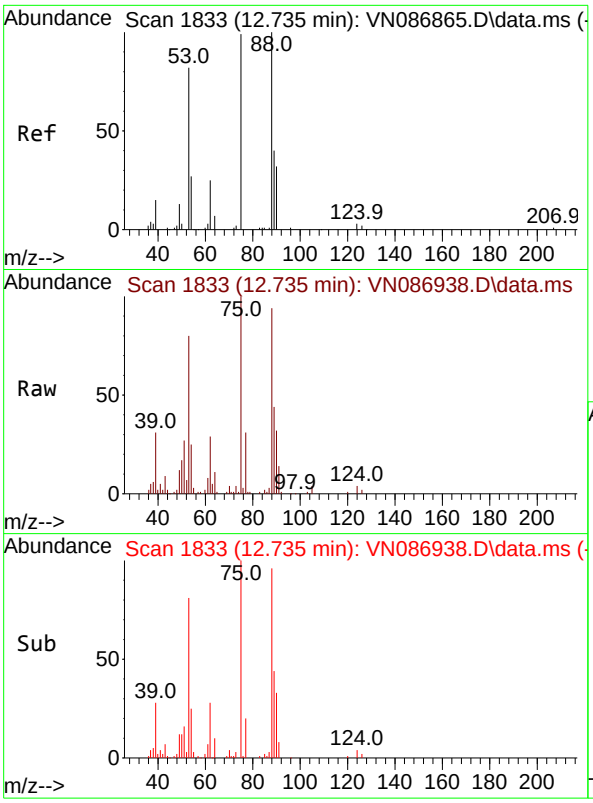


#80
1,3,5-Trimethylbenzene
Concen: 49.866 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:105 Resp: 398214

Ion	Ratio	Lower	Upper
105	100		
120	51.7	24.9	74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.557 ug/l m
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 6520

Ion	Ratio	Lower	Upper
75	100		
53	79.5	66.6	99.8
89	45.3	36.7	55.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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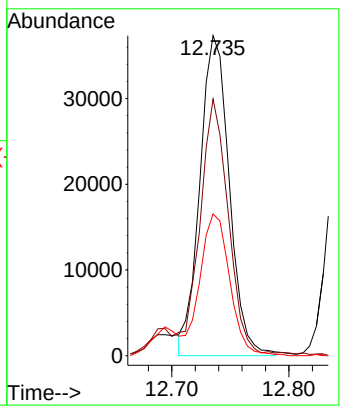
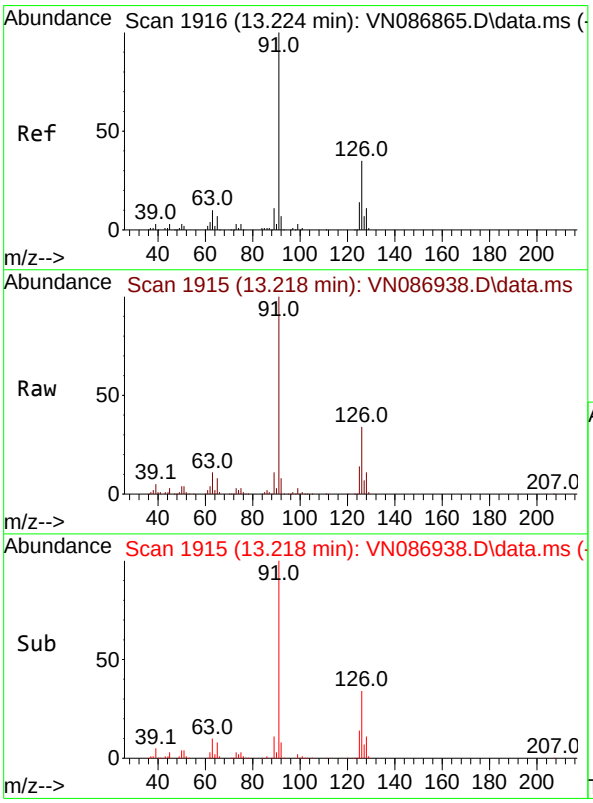
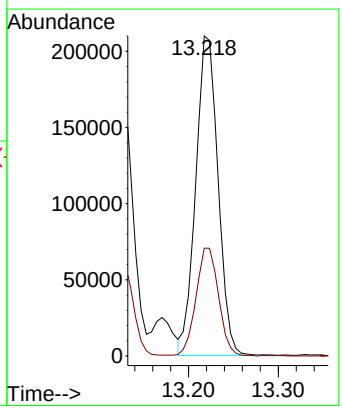


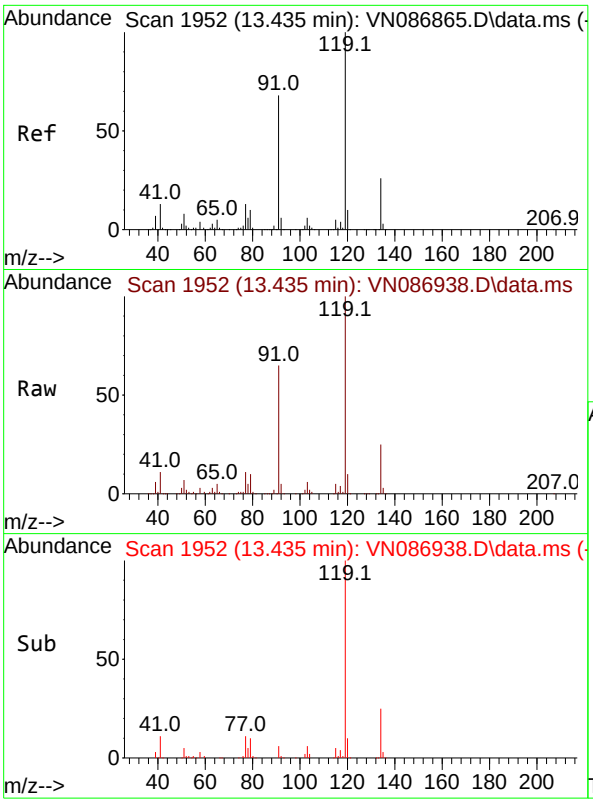


#82
4-Chlorotoluene
Concen: 50.772 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 91 Resp: 362142

Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.7	50.1

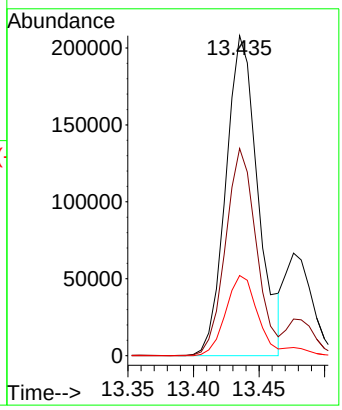




#83
tert-Butylbenzene
Concen: 48.578 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:119 Resp: 35510

Ion	Ratio	Lower	Upper
119	100		
91	62.1	32.1	96.5
134	26.5	13.4	40.1



Instrument :
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ClientSampleId :
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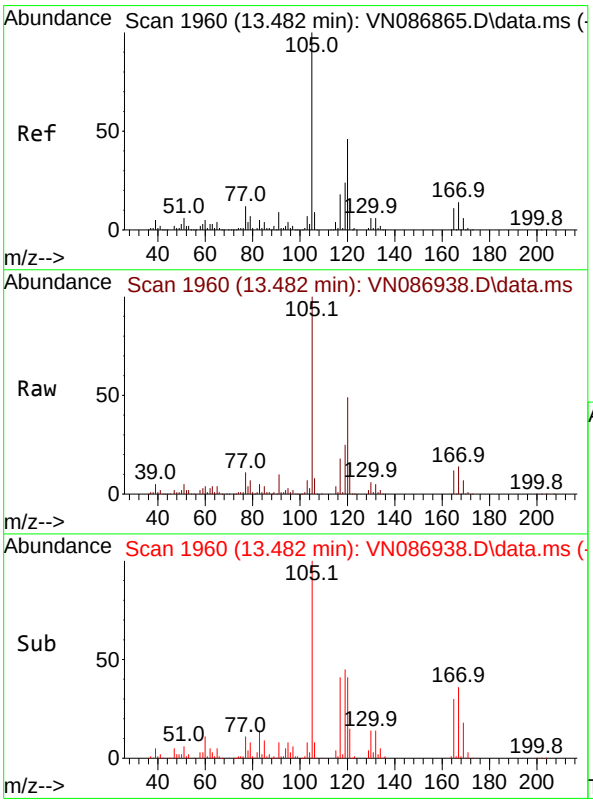
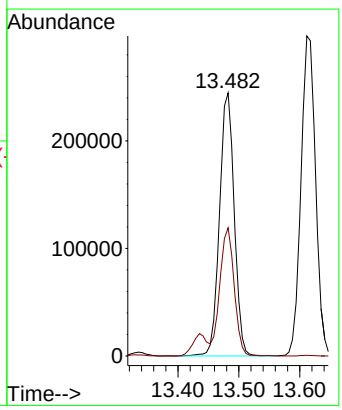
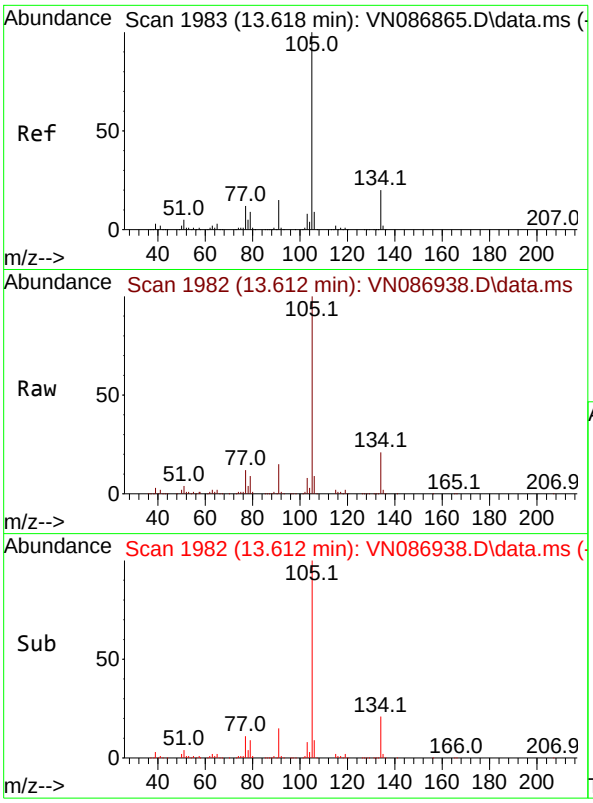


#84
1,2,4-Trimethylbenzene
Concen: 51.335 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:105 Resp: 411074

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.2	69.6

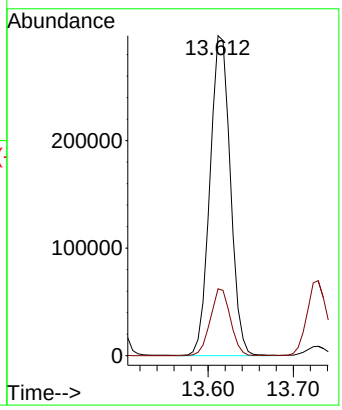




#85
sec-Butylbenzene
Concen: 46.707 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:105 Resp: 49581

Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.0	30.0



Instrument :
MSVOA_N
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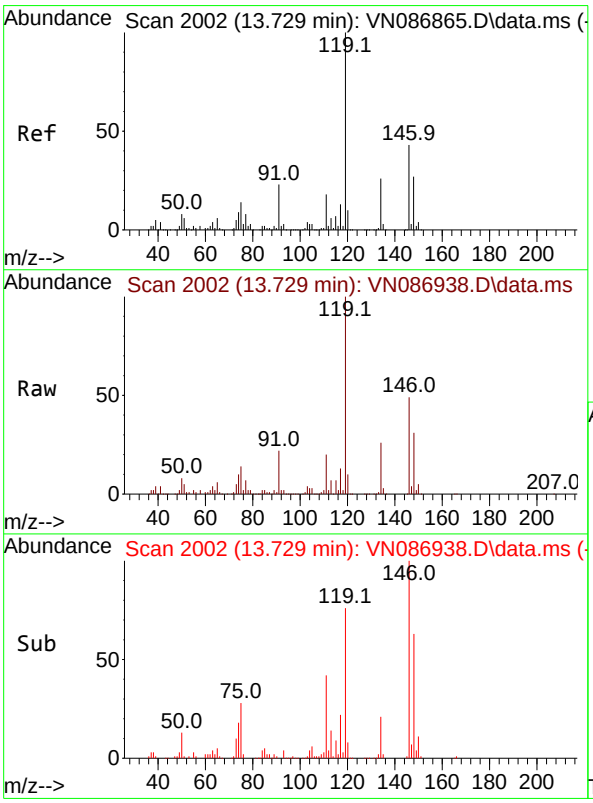
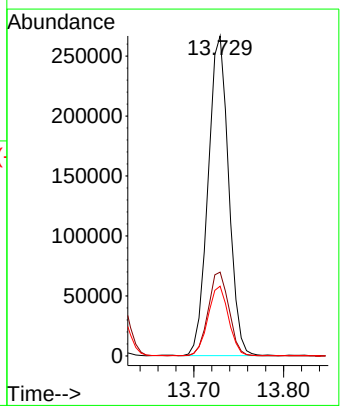
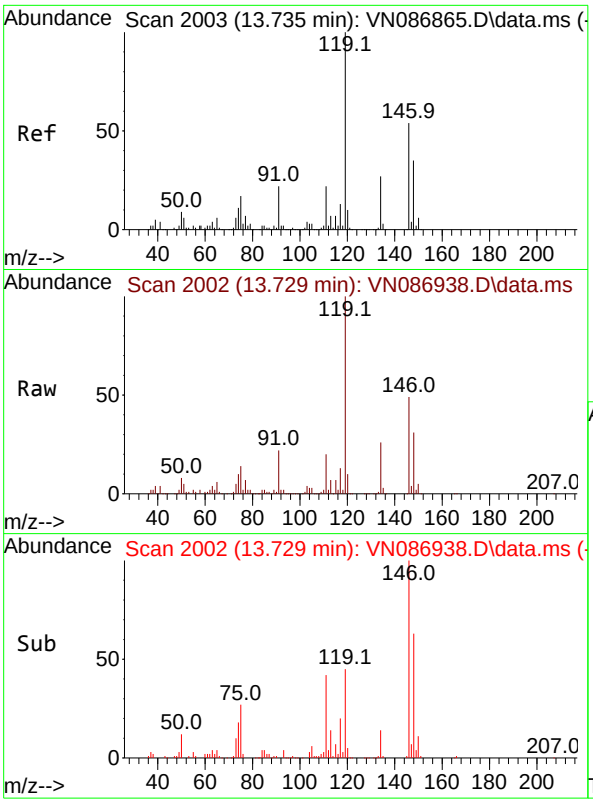


#86
p-Isopropyltoluene
Concen: 48.202 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:119 Resp: 422980

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.4
91	21.7	11.5	34.4

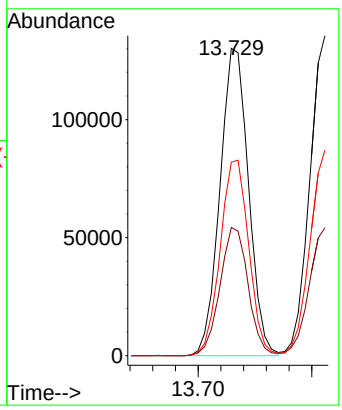




#87
1,3-Dichlorobenzene
Concen: 52.144 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:146 Resp: 22757

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.9	62.8
148	63.6	32.0	96.2



Instrument :
MSVOA_N
ClientSampleId :
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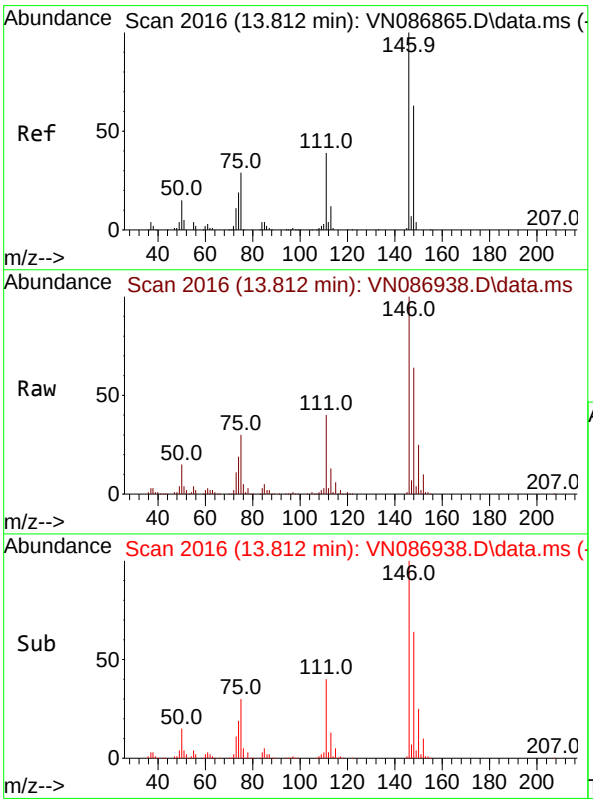
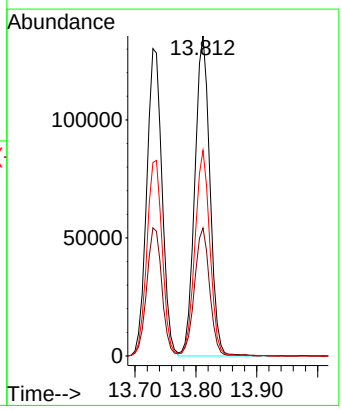
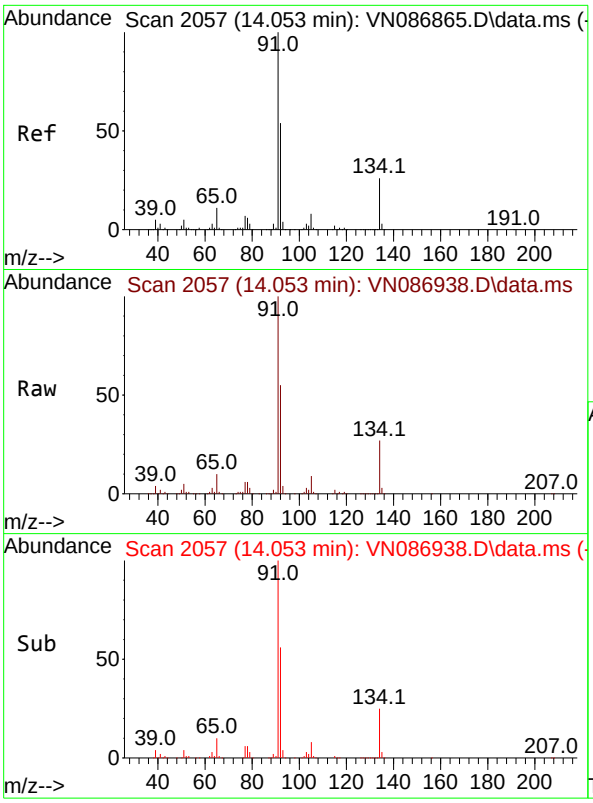


#88
1,4-Dichlorobenzene
Concen: 52.377 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:146 Resp: 233049

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.5	31.8	95.4

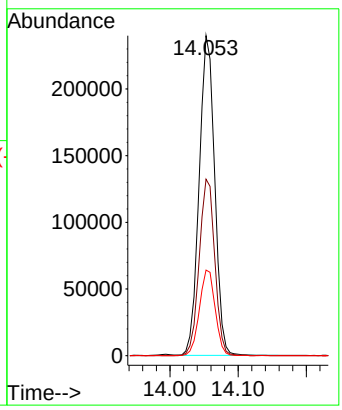




#89
n-Butylbenzene
Concen: 44.658 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 91 Resp: 37957

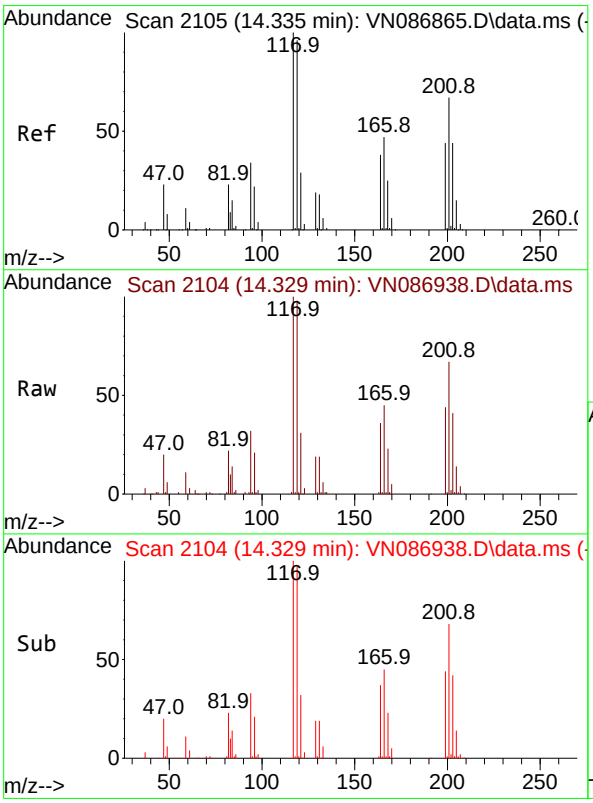
Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.5	82.4
134	27.2	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

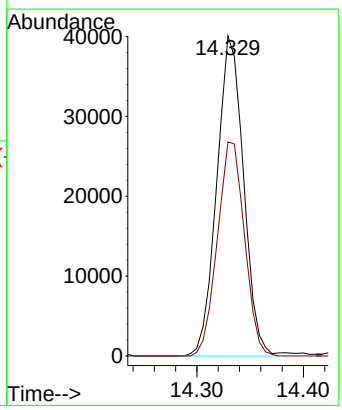
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

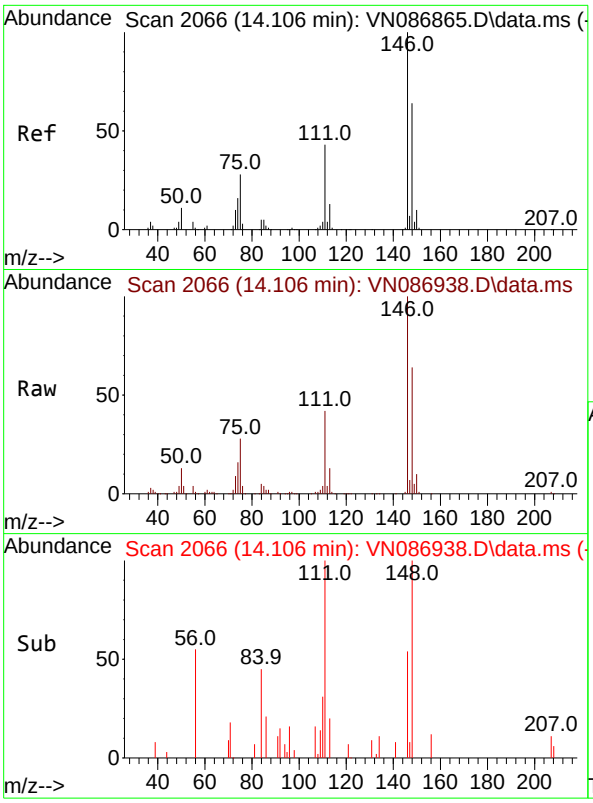


#90
Hexachloroethane
Concen: 46.941 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:117 Resp: 69822

Ion	Ratio	Lower	Upper
117	100		
201	67.8	33.2	99.6

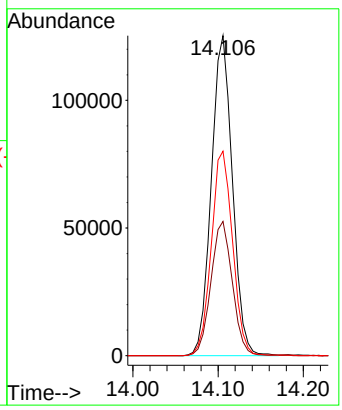




#91
1,2-Dichlorobenzene
Concen: 51.437 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:146 Resp: 21567

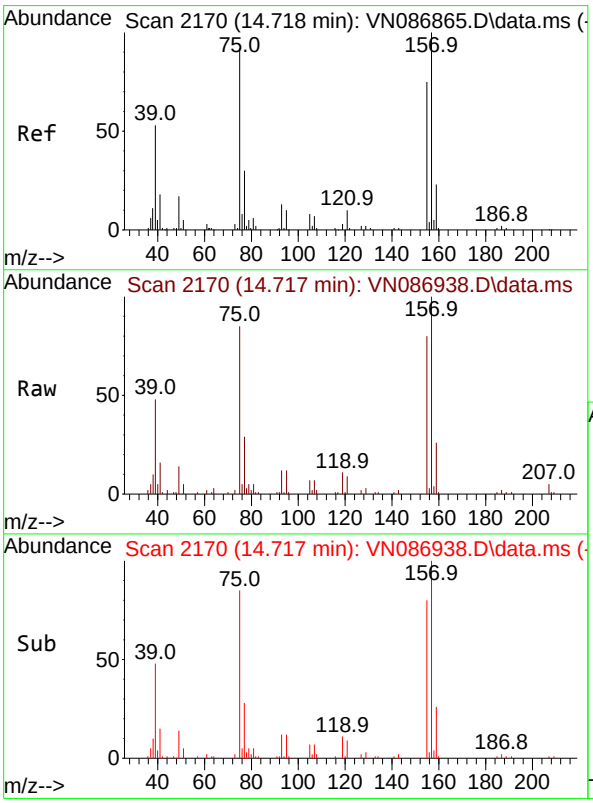
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	64.6
148	64.8	31.7	95.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

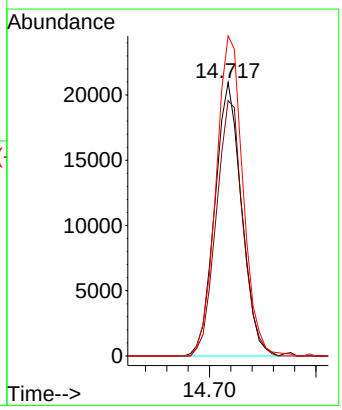
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

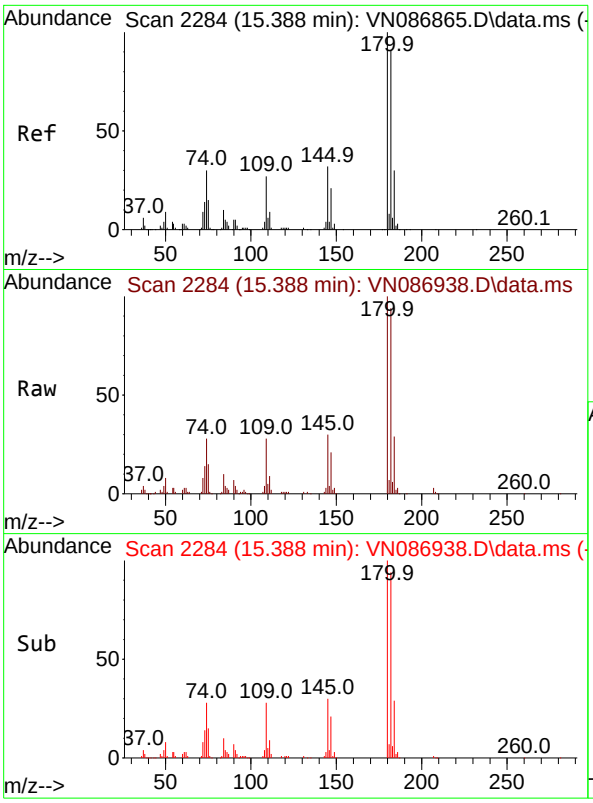


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.685 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 36585

Ion	Ratio	Lower	Upper
75	100		
155	92.7	41.1	123.4
157	117.8	52.7	158.1

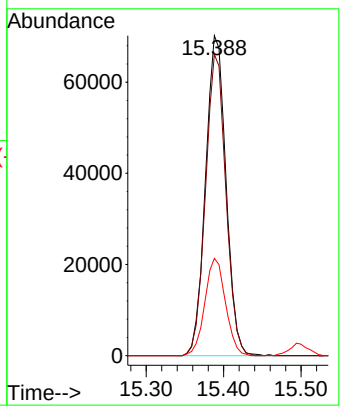




#93
1,2,4-Trichlorobenzene
Concen: 48.139 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:180 Resp: 12888

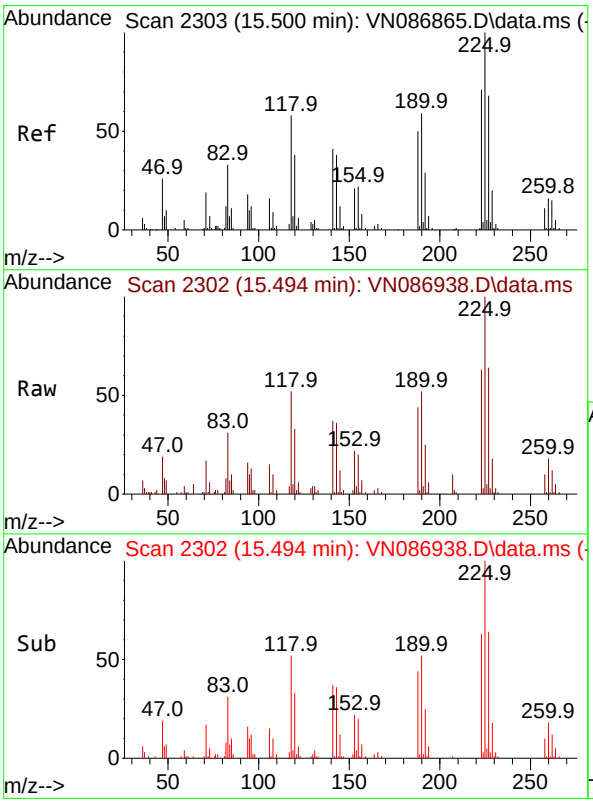
Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.7
145	30.7	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

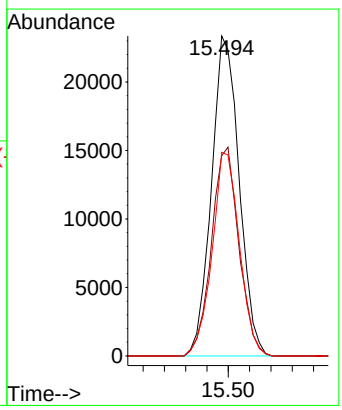
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

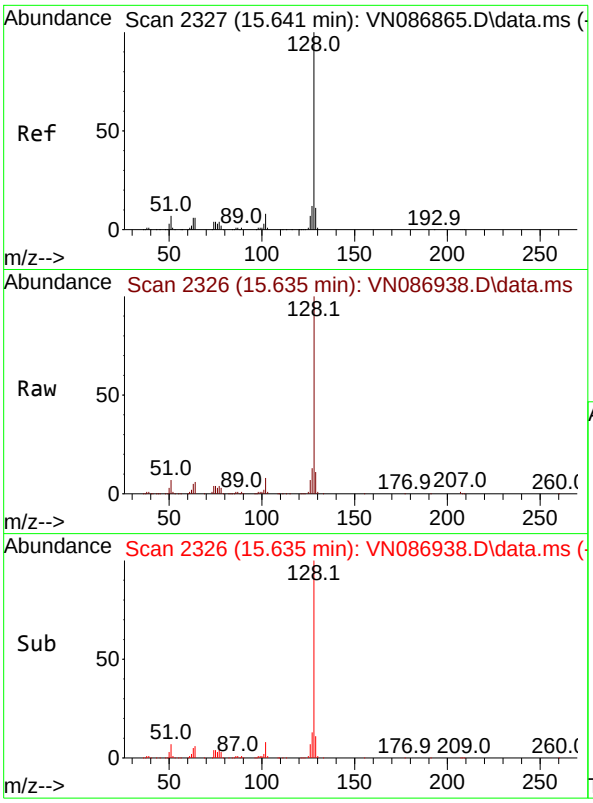


#94
Hexachlorobutadiene
Concen: 42.197 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:225 Resp: 42093

Ion	Ratio	Lower	Upper
225	100		
223	64.6	33.5	100.4
227	62.8	31.1	93.5

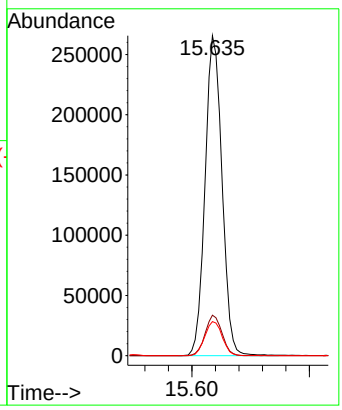




#95
Naphthalene
Concen: 53.340 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:128 Resp: 53158

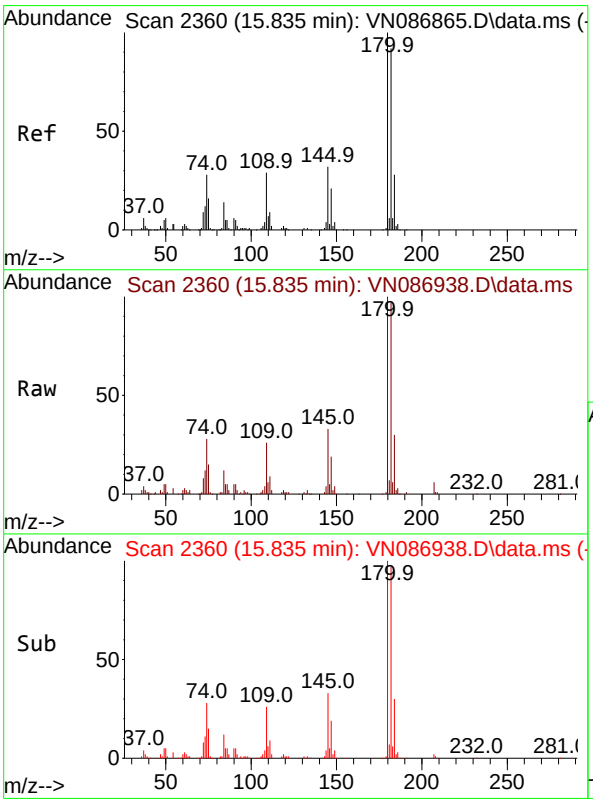
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

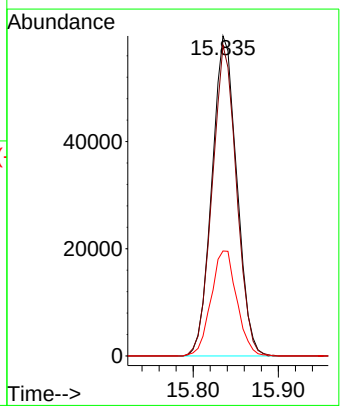
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.544 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:180 Resp: 121156

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.0	141.0
145	34.0	16.6	49.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	85	0.00
2	T	Dichlorodifluoromethane	0.499	0.512	-2.6	87	0.00
3	P	Chloromethane	0.644	0.572	11.2	82	0.00
4	C	Vinyl Chloride	0.664	0.687	-3.5#	91	0.00
5	T	Bromomethane	0.372	0.261	29.8#	62	0.00
6	T	Chloroethane	0.429	0.442	-3.0	92	0.00
7	T	Trichlorofluoromethane	0.868	0.890	-2.5	91	0.00
8	T	Diethyl Ether	0.378	0.392	-3.7	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.545	0.555	-1.8	91	0.00
10	T	Methyl Iodide	0.707	0.499	29.4#	62	0.01
11	T	Tert butyl alcohol	0.182	0.162	11.0	79	-0.01
12	CM	1,1-Dichloroethene	0.557	0.589	-5.7#	94	0.00
13	T	Acrolein	0.057	0.013	77.2#	24#	0.00
14	T	Allyl chloride	0.923	0.826	10.5	81	0.00
15	T	Acrylonitrile	0.425	0.392	7.8	82	0.00
16	T	Acetone	0.355	0.292	17.7	77	0.00
17	T	Carbon Disulfide	1.539	1.746	-13.5	104	0.01
18	T	Methyl Acetate	1.035	0.754	27.1#	65	0.00
19	T	Methyl tert-butyl Ether	2.015	1.956	2.9	86	0.00
20	T	Methylene Chloride	0.665	0.648	2.6	91	0.00
21	T	trans-1,2-Dichloroethene	0.619	0.623	-0.6	94	0.00
22	T	Diisopropyl ether	1.945	1.764	9.3	81	0.00
23	T	Vinyl Acetate	1.644	1.582	3.8	85	0.00
24	P	1,1-Dichloroethane	1.120	1.095	2.2	88	0.00
25	T	2-Butanone	0.577	0.496	14.0	77	0.00
26	T	2,2-Dichloropropane	0.871	0.847	2.8	80	0.00
27	T	cis-1,2-Dichloroethene	0.740	0.750	-1.4	92	0.00
28	T	Bromochloromethane	0.550	0.415	24.5	76	0.00
29	T	Tetrahydrofuran	0.376	0.329	12.5	78	0.00
30	C	Chloroform	1.118	1.074	3.9#	86	0.00
31	T	Cyclohexane	1.086	0.995	8.4	84	0.00
32	T	1,1,1-Trichloroethane	0.951	0.926	2.6	88	0.00
33	S	1,2-Dichloroethane-d4	0.669	0.555	17.0	95	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35	S	Dibromofluoromethane	0.296	0.282	4.7	105	0.00
36	T	1,1-Dichloropropene	0.442	0.469	-6.1	92	0.00
37	T	Ethyl Acetate	0.562	0.549	2.3	83	0.00
38	T	Carbon Tetrachloride	0.433	0.448	-3.5	89	0.00
39	T	Methylcyclohexane	0.605	0.588	2.8	84	0.00
40	TM	Benzene	1.444	1.488	-3.0	90	0.00
41	T	Methacrylonitrile	0.316	0.276	12.7	74	0.00
42	TM	1,2-Dichloroethane	0.438	0.436	0.5	86	0.00
43	T	Isopropyl Acetate	0.902	0.833	7.6	80	0.00
44	TM	Trichloroethene	0.342	0.379	-10.8	94	0.00
45	C	1,2-Dichloropropane	0.351	0.351	0.0	86	0.00
46	T	Dibromomethane	0.233	0.249	-6.9	92	0.00
47	T	Bromodichloromethane	0.480	0.483	-0.6	86	0.00
48	T	Methyl methacrylate	0.415	0.387	6.7	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.008	0.008	0.0	86	0.00
50	S	Toluene-d8	1.173	1.082	7.8	102	0.00
51	T	4-Methyl-2-Pentanone	0.543	0.513	5.5	78	0.00
52	CM	Toluene	0.882	0.931	-5.6#	91	0.00
53	T	t-1,3-Dichloropropene	0.537	0.560	-4.3	88	0.00
54	T	cis-1,3-Dichloropropene	0.574	0.596	-3.8	88	0.00
55	T	1,1,2-Trichloroethane	0.340	0.346	-1.8	87	0.00
56	T	Ethyl methacrylate	0.541	0.588	-8.7	86	0.00
57	T	1,3-Dichloropropane	0.589	0.597	-1.4	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.323	0.153	52.6#	46#	0.00
59	T	2-Hexanone	0.350	0.336	4.0	74	0.00
60	T	Dibromochloromethane	0.354	0.378	-6.8	91	0.00
61	T	1,2-Dibromoethane	0.348	0.372	-6.9	92	0.00
62	S	4-Bromofluorobenzene	0.436	0.408	6.4	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64	T	Tetrachloroethene	0.316	0.341	-7.9	94	0.00
65	PM	Chlorobenzene	1.103	1.175	-6.5	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.354	0.366	-3.4	88	0.00
67	C	Ethyl Benzene	1.899	1.991	-4.8#	90	0.00
68	T	m/p-Xylenes	0.727	0.777	-6.9	90	0.00
69	T	o-Xylene	0.696	0.747	-7.3	90	0.00
70	T	Styrene	1.192	1.274	-6.9	89	0.00
71	P	Bromoform	0.263	0.292	-11.0	89	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73	T	Isopropylbenzene	3.643	3.690	-1.3	85	0.00
74	T	N-amyl acetate	1.273	1.153	9.4	72	0.00
75	P	1,1,2,2-Tetrachloroethane	1.234	1.252	-1.5	84	0.00
76	T	1,2,3-Trichloropropane	1.189	1.059	10.9	72	0.00
77	T	Bromobenzene	0.835	0.914	-9.5	92	0.00
78	T	n-propylbenzene	4.427	4.389	0.9	83	0.00
79	T	2-Chlorotoluene	2.655	2.677	-0.8	85	0.00
80	T	1,3,5-Trimethylbenzene	3.007	2.999	0.3	82	0.00
81	T	trans-1,4-Dichloro-2-butene	0.516	0.491	4.8	82	0.00
82	T	4-Chlorotoluene	2.686	2.728	-1.6	85	0.00
83	T	tert-Butylbenzene	2.753	2.675	2.8	81	0.00
84	T	1,2,4-Trimethylbenzene	3.016	3.096	-2.7	84	0.00
85	T	sec-Butylbenzene	3.998	3.734	6.6	77	0.00
86	T	p-Isopropyltoluene	3.305	3.186	3.6	79	0.00
87	T	1,3-Dichlorobenzene	1.644	1.714	-4.3	87	0.00
88	T	1,4-Dichlorobenzene	1.676	1.755	-4.7	88	0.00
89	T	n-Butylbenzene	3.201	2.859	10.7	74	0.00
90	T	Hexachloroethane	0.560	0.526	6.1	78	0.00
91	T	1,2-Dichlorobenzene	1.579	1.624	-2.8	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.295	0.276	6.4	80	0.00
93	T	1,2,4-Trichlorobenzene	1.008	0.971	3.7	79	0.00
94	T	Hexachlorobutadiene	0.376	0.317	15.7	69	0.00
95	T	Naphthalene	3.753	4.004	-6.7	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.913	8.9	76	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	85	0.00
2	T	Dichlorodifluoromethane	50.000	51.335	-2.7	87	0.00
3	P	Chloromethane	50.000	44.405	11.2	82	0.00
4	C	Vinyl Chloride	50.000	51.711	-3.4#	91	0.00
5	T	Bromomethane	50.000	35.173	29.7#	62	0.00
6	T	Chloroethane	50.000	51.500	-3.0	92	0.00
7	T	Trichlorofluoromethane	50.000	51.268	-2.5	91	0.00
8	T	Diethyl Ether	50.000	51.899	-3.8	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.883	-1.8	91	0.00
10	T	Methyl Iodide	50.000	35.325	29.3#	62	0.01
11	T	Tert butyl alcohol	250.000	223.394	10.6	79	-0.01
12	CM	1,1-Dichloroethene	50.000	52.898	-5.8#	94	0.00
13	T	Acrolein	250.000	56.496	77.4#	24	0.00
14	T	Allyl chloride	50.000	44.771	10.5	81	0.00
15	T	Acrylonitrile	250.000	230.949	7.6	82	0.00
16	T	Acetone	250.000	205.910	17.6	77	0.00
17	T	Carbon Disulfide	50.000	56.720	-13.4	104	0.01
18	T	Methyl Acetate	50.000	36.453	27.1#	65	0.00
19	T	Methyl tert-butyl Ether	50.000	48.534	2.9	86	0.00
20	T	Methylene Chloride	50.000	48.781	2.4	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.322	-0.6	94	0.00
22	T	Diisopropyl ether	50.000	45.335	9.3	81	0.00
23	T	Vinyl Acetate	250.000	240.591	3.8	85	0.00
24	P	1,1-Dichloroethane	50.000	48.891	2.2	88	0.00
25	T	2-Butanone	250.000	214.715	14.1	77	0.00
26	T	2,2-Dichloropropane	50.000	48.602	2.8	80	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.666	-1.3	92	0.00
28	T	Bromochloromethane	50.000	37.695	24.6	76	0.00
29	T	Tetrahydrofuran	250.000	218.662	12.5	78	0.00
30	C	Chloroform	50.000	48.039	3.9#	86	0.00
31	T	Cyclohexane	50.000	45.811	8.4	84	0.00
32	T	1,1,1-Trichloroethane	50.000	48.711	2.6	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	41.450	17.1	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	47.644	4.7	105	0.00
36	T	1,1-Dichloropropene	50.000	53.151	-6.3	92	0.00
37	T	Ethyl Acetate	50.000	48.826	2.3	83	0.00
38	T	Carbon Tetrachloride	50.000	51.670	-3.3	89	0.00
39	T	Methylcyclohexane	50.000	48.565	2.9	84	0.00
40	TM	Benzene	50.000	51.541	-3.1	90	0.00
41	T	Methacrylonitrile	50.000	43.757	12.5	74	0.00
42	TM	1,2-Dichloroethane	50.000	49.742	0.5	86	0.00
43	T	Isopropyl Acetate	50.000	46.178	7.6	80	0.00
44	TM	Trichloroethene	50.000	55.301	-10.6	94	0.00
45	C	1,2-Dichloropropane	50.000	49.919	0.2#	86	0.00
46	T	Dibromomethane	50.000	53.450	-6.9	92	0.00
47	T	Bromodichloromethane	50.000	50.334	-0.7	86	0.00
48	T	Methyl methacrylate	50.000	46.638	6.7	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1087.344	-8.7	86	0.00
50	S	Toluene-d8	50.000	46.127	7.7	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	235.919	5.6	78	0.00
52	CM	Toluene	50.000	52.776	-5.6#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	52.155	-4.3	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.925	-3.8	88	0.00
55	T	1,1,2-Trichloroethane	50.000	50.903	-1.8	87	0.00
56	T	Ethyl methacrylate	50.000	54.342	-8.7	86	0.00
57	T	1,3-Dichloropropane	50.000	50.656	-1.3	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	118.651	52.5#	46	0.00
59	T	2-Hexanone	250.000	240.145	3.9	74	0.00
60	T	Dibromochloromethane	50.000	53.416	-6.8	91	0.00
61	T	1,2-Dibromoethane	50.000	53.422	-6.8	92	0.00
62	S	4-Bromofluorobenzene	50.000	46.767	6.5	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64	T	Tetrachloroethene	50.000	53.850	-7.7	94	0.00
65	PM	Chlorobenzene	50.000	53.264	-6.5	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.578	-3.2	88	0.00
67	C	Ethyl Benzene	50.000	52.405	-4.8#	90	0.00
68	T	m/p-Xylenes	100.000	106.858	-6.9	90	0.00
69	T	o-Xylene	50.000	53.615	-7.2	90	0.00
70	T	Styrene	50.000	53.450	-6.9	89	0.00
71	P	Bromoform	50.000	55.657	-11.3	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73	T	Isopropylbenzene	50.000	50.649	-1.3	85	0.00
74	T	N-amyl acetate	50.000	45.303	9.4	72	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.740	-1.5	84	0.00
76	T	1,2,3-Trichloropropane	50.000	44.539	10.9	72	0.00
77	T	Bromobenzene	50.000	54.696	-9.4	92	0.00
78	T	n-propylbenzene	50.000	49.576	0.8	83	0.00
79	T	2-Chlorotoluene	50.000	50.413	-0.8	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.866	0.3	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.557	4.9	82	0.00
82	T	4-Chlorotoluene	50.000	50.772	-1.5	85	0.00
83	T	tert-Butylbenzene	50.000	48.578	2.8	81	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.335	-2.7	84	0.00
85	T	sec-Butylbenzene	50.000	46.707	6.6	77	0.00
86	T	p-Isopropyltoluene	50.000	48.202	3.6	79	0.00
87	T	1,3-Dichlorobenzene	50.000	52.144	-4.3	87	0.00
88	T	1,4-Dichlorobenzene	50.000	52.377	-4.8	88	0.00
89	T	n-Butylbenzene	50.000	44.658	10.7	74	0.00
90	T	Hexachloroethane	50.000	46.941	6.1	78	0.00
91	T	1,2-Dichlorobenzene	50.000	51.437	-2.9	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.685	6.6	80	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.139	3.7	79	0.00
94	T	Hexachlorobutadiene	50.000	42.197	15.6	69	0.00
95	T	Naphthalene	50.000	53.340	-6.7	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.544	8.9	76	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 11:32

Lab File ID: VN086940.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.644	0.555	0.1	-13.82	20
Vinyl Chloride	0.664	0.701		5.57	20
Bromomethane	0.372	0.312		-16.13	20
Chloroethane	0.429	0.457		6.53	20
Trichlorofluoromethane	0.868	0.930		7.14	20
1,1,2-Trichlorotrifluoroethane	0.545	0.582		6.79	20
1,1-Dichloroethene	0.557	0.593		6.46	20
Acetone	0.355	0.384		8.17	20
Carbon Disulfide	1.539	1.505		-2.21	20
Methyl tert-butyl Ether	2.015	2.172		7.79	20
Methylene Chloride	0.665	0.673		1.2	20
trans-1,2-Dichloroethene	0.619	0.633		2.26	20
1,1-Dichloroethane	1.120	1.178	0.1	5.18	20
2-Butanone	0.577	0.568		-1.56	20
Carbon Tetrachloride	0.433	0.472		9.01	20
cis-1,2-Dichloroethene	0.740	0.793		7.16	20
Chloroform	1.118	1.176		5.19	20
1,1,1-Trichloroethane	0.951	0.976		2.63	20
Methylcyclohexane	0.605	0.576		-4.79	20
Benzene	1.444	1.554		7.55	20
1,2-Dichloroethane	0.438	0.472		7.76	20
Trichloroethene	0.342	0.382		11.7	20
1,2-Dichloropropane	0.351	0.384		9.4	20
Bromodichloromethane	0.480	0.532		10.83	20
4-Methyl-2-Pentanone	0.543	0.590		8.66	20
Toluene	0.882	0.978		10.88	20
t-1,3-Dichloropropene	0.537	0.609		13.41	20
cis-1,3-Dichloropropene	0.574	0.661		15.16	20
1,1,2-Trichloroethane	0.340	0.383		12.65	20
2-Hexanone	0.350	0.395		12.86	20
Dibromochloromethane	0.354	0.414		16.95	20
Tetrachloroethene	0.316	0.337		6.65	20
Chlorobenzene	1.103	1.222	0.3	10.79	20
Ethyl Benzene	1.900	2.059		8.37	20
m/p-Xylenes	0.727	0.802		10.32	20
o-Xylene	0.696	0.782		12.36	20
Styrene	1.192	1.358		13.93	20
Bromoform	0.263	0.319	0.1	21.29	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 11:32

Lab File ID: VN086940.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	3.643	3.898		7	20
1,1,2,2-Tetrachloroethane	1.234	1.402	0.3	13.61	20
1,3-Dichlorobenzene	1.644	1.843		12.1	20
1,4-Dichlorobenzene	1.676	1.887		12.59	20
1,2-Dichlorobenzene	1.579	1.761		11.53	20
1,2-Dichloroethane-d4	0.669	0.622		-7.03	20
Dibromofluoromethane	0.296	0.309		4.39	20
Toluene-d8	1.173	1.181		0.68	20
4-Bromofluorobenzene	0.436	0.440		0.92	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	205098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	127629	46.478	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.960%			
35) Dibromofluoromethane	8.177	113	110532	52.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	10.565	98	422391	50.342	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.847	95	157388	50.489	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	110255	53.916	ug/l	100
3) Chloromethane	2.395	50	113731	43.069	ug/l	94
4) Vinyl Chloride	2.554	62	143755	52.773	ug/l	99
5) Bromomethane	2.989	94	63914	41.928	ug/l	96
6) Chloroethane	3.154	64	93702	53.253	ug/l	99
7) Trichlorofluoromethane	3.524	101	190657	53.570	ug/l	99
8) Diethyl Ether	3.983	74	85722	55.281	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.401	101	119322	53.364	ug/l	99
10) Methyl Iodide	4.618	142	115825	39.959	ug/l	97
11) Tert butyl alcohol	5.542	59	183049	245.667	ug/l	99
12) 1,1-Dichloroethene	4.365	96	121690	53.307	ug/l	94
13) Acrolein	4.201	56	68006	288.340	ug/l	99
14) Allyl chloride	5.048	41	187099	49.420	ug/l	96
15) Acrylonitrile	5.736	53	456903	262.349	ug/l	99
16) Acetone	4.442	43	393802	270.423	ug/l	97
17) Carbon Disulfide	4.736	76	308706	48.889	ug/l	100
18) Methyl Acetate	5.042	43	222452	52.419	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	445459	53.894	ug/l	98
20) Methylene Chloride	5.295	84	138117	50.660	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	129921	51.154	ug/l	98
22) Diisopropyl ether	6.683	45	412097	51.639	ug/l	99
23) Vinyl Acetate	6.618	43	1766271	261.960	ug/l	98
24) 1,1-Dichloroethane	6.589	63	241575	52.602	ug/l	99
25) 2-Butanone	7.489	43	582343	246.018	ug/l	95
26) 2,2-Dichloropropane	7.506	77	215080	60.206	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	162658	53.551	ug/l	98
28) Bromochloromethane	7.824	49	118461	52.462	ug/l	95
29) Tetrahydrofuran	7.847	42	380103	246.502	ug/l	96
30) Chloroform	7.977	83	241191	52.589	ug/l	98
31) Cyclohexane	8.265	56	208644	46.846	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	200139	51.307	ug/l	97
36) 1,1-Dichloropropene	8.377	75	172642	54.664	ug/l	99
37) Ethyl Acetate	7.571	43	211755	52.670	ug/l	99
38) Carbon Tetrachloride	8.371	117	168940	54.485	ug/l	94
39) Methylcyclohexane	9.606	83	206018	47.613	ug/l	96
40) Benzene	8.612	78	555597	53.798	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.789	41	115191	51.017 ug/l	93
42) 1,2-Dichloroethane	8.677	62	168630	53.833 ug/l	99
43) Isopropyl Acetate	8.694	43	338399	52.442 ug/l	97
44) Trichloroethene	9.353	130	136748	55.842 ug/l	98
45) 1,2-Dichloropropane	9.624	63	137250	54.626 ug/l	100
46) Dibromomethane	9.712	93	94620	56.697 ug/l	99
47) Bromodichloromethane	9.888	83	190362	55.440 ug/l	100
48) Methyl methacrylate	9.683	41	154138	51.898 ug/l	96
49) 1,4-Dioxane	9.700	88	60969	1128.409 ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	1054797	271.529 ug/l	98
52) Toluene	10.630	92	349873	55.435 ug/l	98
53) t-1,3-Dichloropropene	10.835	75	217752	56.714 ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	236296	57.518 ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	137099	56.454 ug/l	99
56) Ethyl methacrylate	10.877	69	231226	59.778 ug/l	95
57) 1,3-Dichloropropane	11.165	76	232746	55.247 ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	665780	288.579 ug/l	99
59) 2-Hexanone	11.200	43	705660	282.011 ug/l	97
60) Dibromochloromethane	11.359	129	148069	58.520 ug/l	99
61) 1,2-Dibromoethane	11.471	107	137779	55.351 ug/l	99
64) Tetrachloroethene	11.106	164	105084	53.190 ug/l	95
65) Chlorobenzene	11.888	112	381598	55.424 ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	124964	56.463 ug/l	99
67) Ethyl Benzene	11.965	91	642857	54.206 ug/l	99
68) m/p-Xylenes	12.071	106	500895	110.334 ug/l	99
69) o-Xylene	12.400	106	244038	56.127 ug/l	98
70) Styrene	12.412	104	424060	56.996 ug/l	100
71) Bromoform	12.576	173	99616	60.747 ug/l #	100
73) Isopropylbenzene	12.694	105	593080	53.511 ug/l	99
74) N-amyl acetate	12.512	43	208229	53.765 ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	213329	56.816 ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	179987m	49.771 ug/l	
77) Bromobenzene	12.976	156	146181	57.512 ug/l	98
78) n-propylbenzene	13.035	91	717012	53.234 ug/l	99
79) 2-Chlorotoluene	13.123	91	439522	54.413 ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	490727	53.628 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	93790	59.701 ug/l #	87
82) 4-Chlorotoluene	13.218	91	446237	54.598 ug/l	99
83) tert-Butylbenzene	13.435	119	448106	53.498 ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	495936	54.048 ug/l	99
85) sec-Butylbenzene	13.612	105	617792	50.788 ug/l	99
86) p-Isopropyltoluene	13.729	119	524440	52.156 ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	280357	56.062 ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	287122	56.315 ug/l	99
89) n-Butylbenzene	14.053	91	477306	49.007 ug/l	100
90) Hexachloroethane	14.329	117	89886	52.738 ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	267932	55.766 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	47326	52.704 ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	160030	52.161 ug/l	99
94) Hexachlorobutadiene	15.500	225	51073	44.682 ug/l	99
95) Naphthalene	15.635	128	624421	54.679 ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	151411	49.672 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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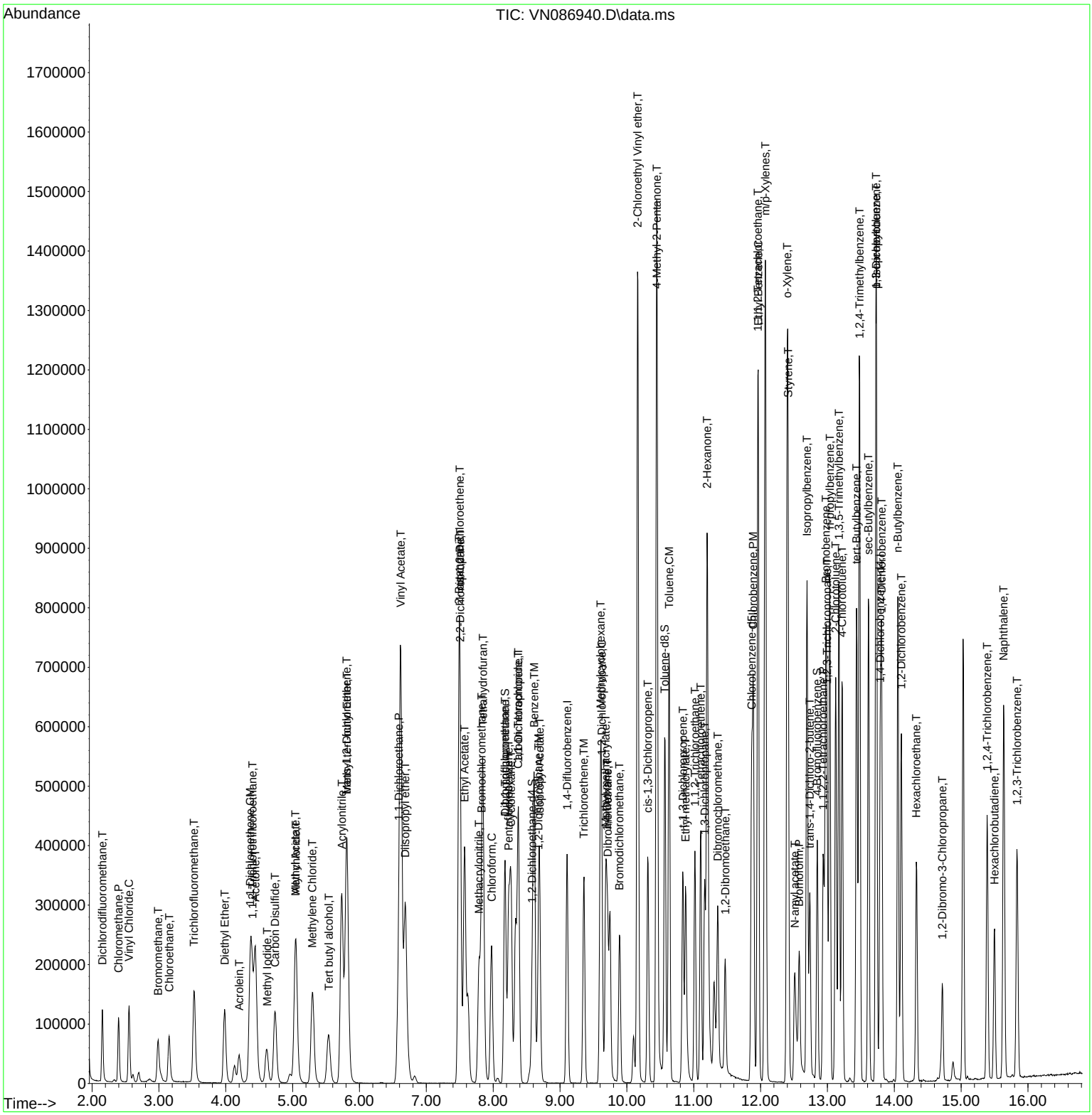
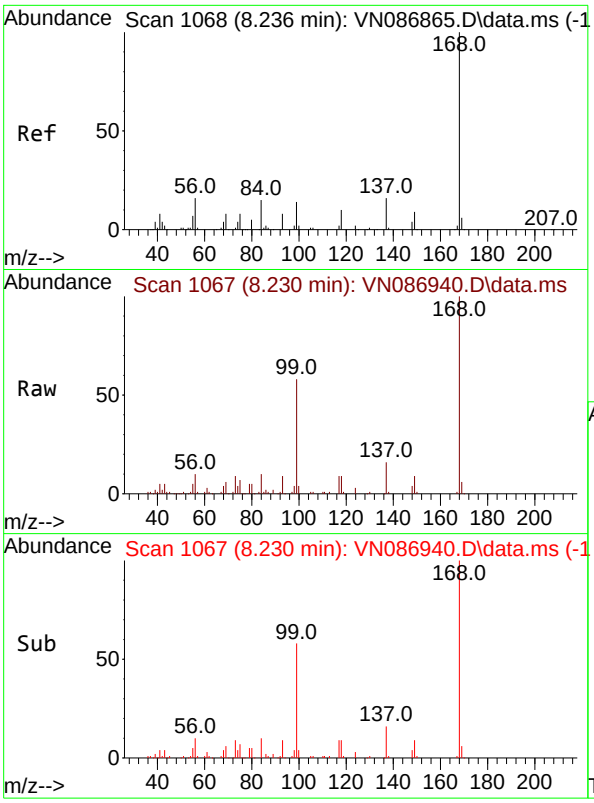
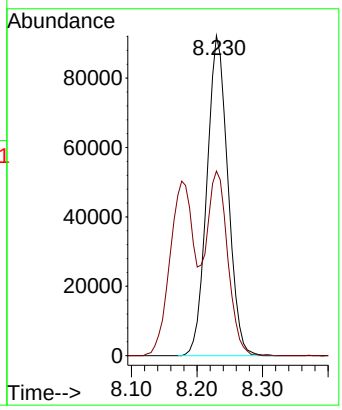




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:168 Resp: 205098

Ion	Ratio	Lower	Upper
168	100		
99	57.7	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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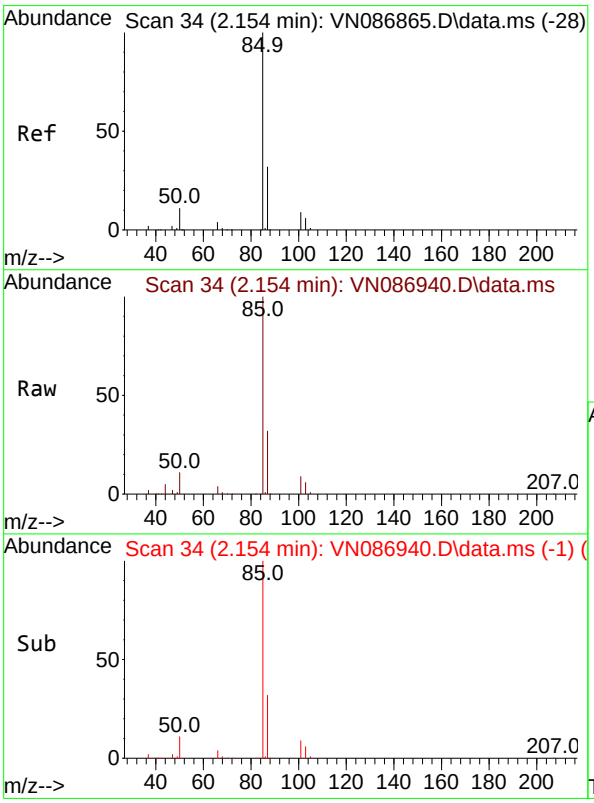
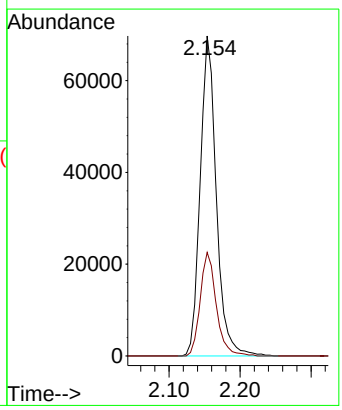
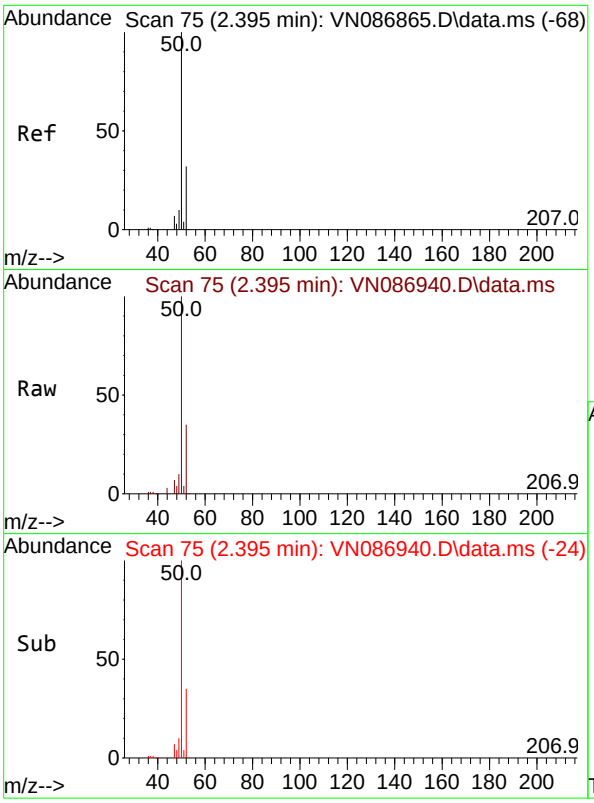


#2
Dichlorodifluoromethane
Concen: 53.916 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 85 Resp: 110255

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.2	48.6

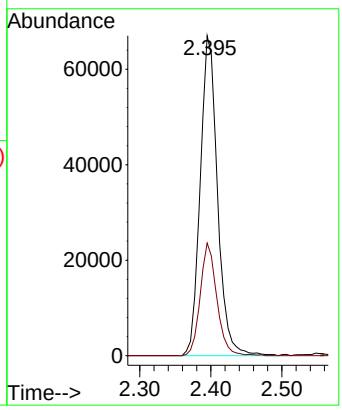




#3
Chloromethane
Concen: 43.069 ug/l
RT: 2.395 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 50 Resp: 11373

Ion	Ratio	Lower	Upper
50	100		
52	35.2	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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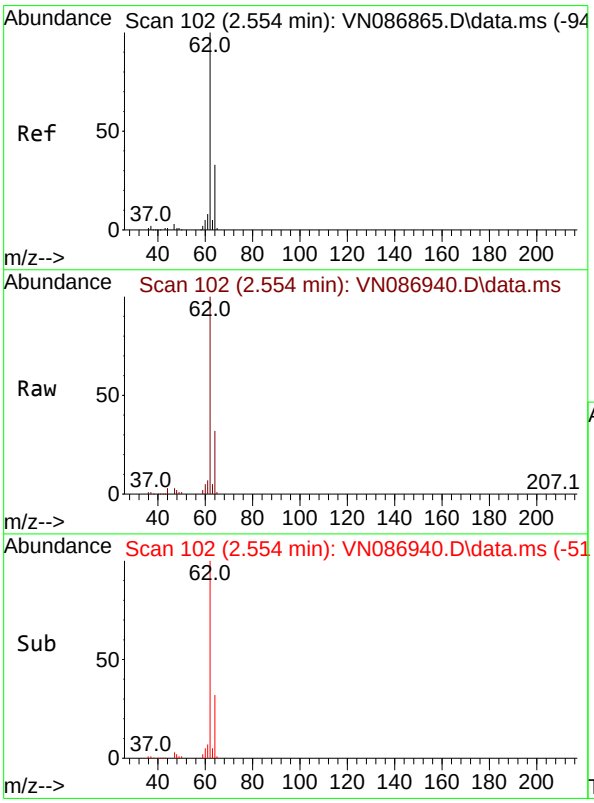
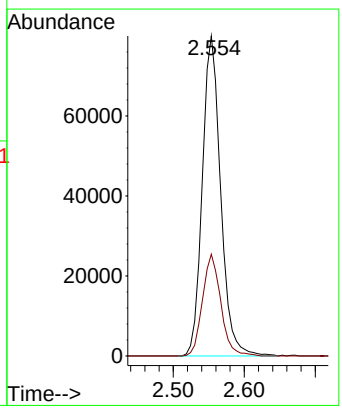
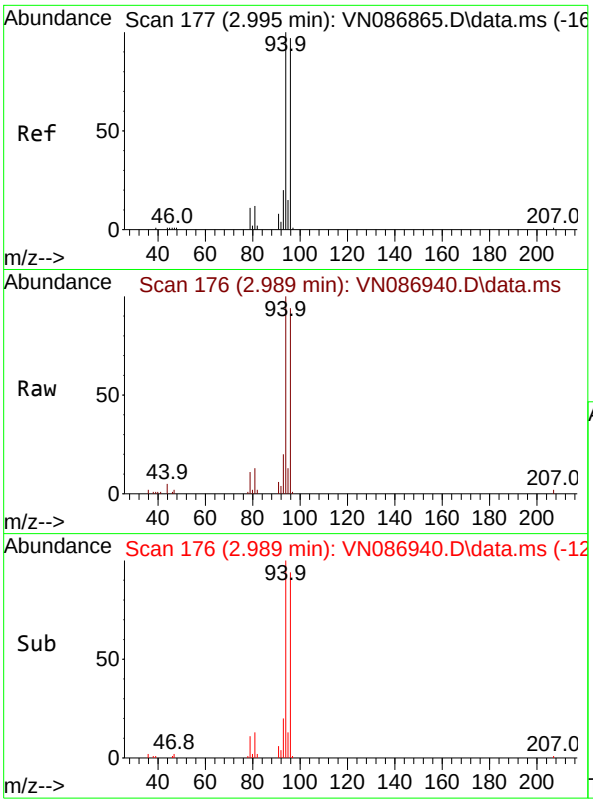


#4
Vinyl Chloride
Concen: 52.773 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 62 Resp: 143755

Ion	Ratio	Lower	Upper
62	100		
64	31.8	26.0	39.0

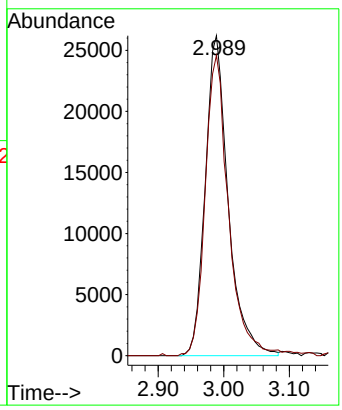




#5
Bromomethane
Concen: 41.928 ug/l
RT: 2.989 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 94 Resp: 6391

Ion	Ratio	Lower	Upper
94	100		
96	93.9	77.9	116.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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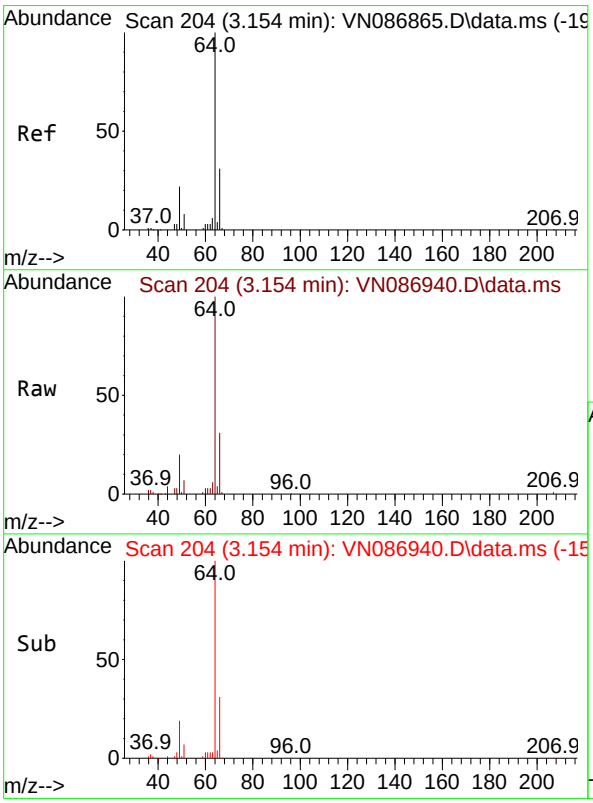
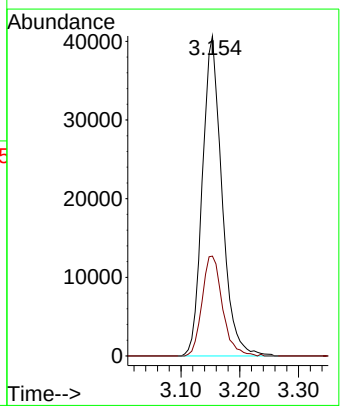
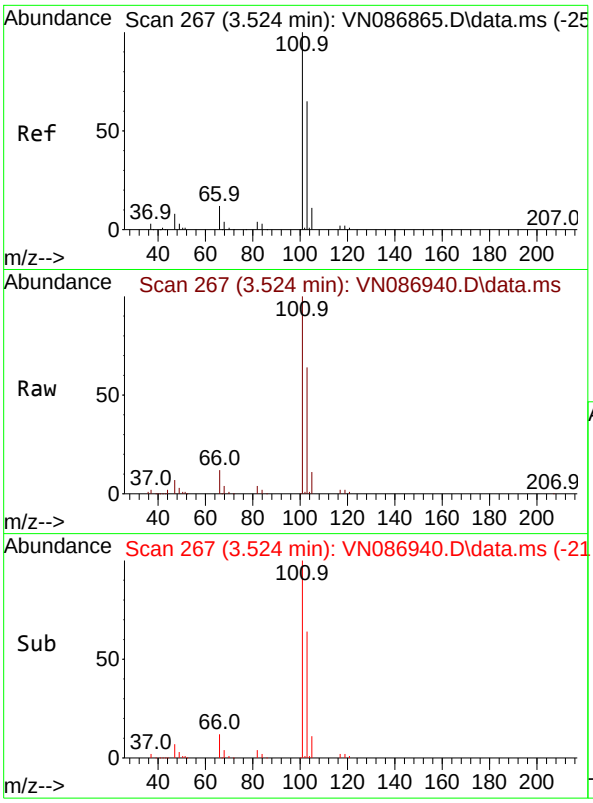


#6
Chloroethane
Concen: 53.253 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 64 Resp: 93702

Ion	Ratio	Lower	Upper
64	100		
66	31.2	24.6	36.8





#7
Trichlorofluoromethane
Concen: 53.570 ug/l
RT: 3.524 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:101 Resp: 19065

Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.2	78.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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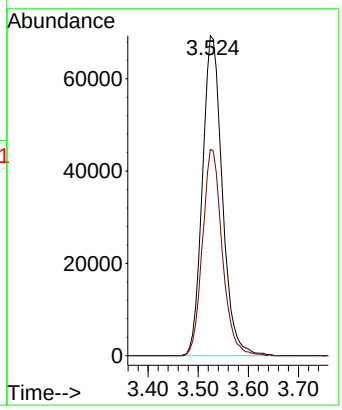
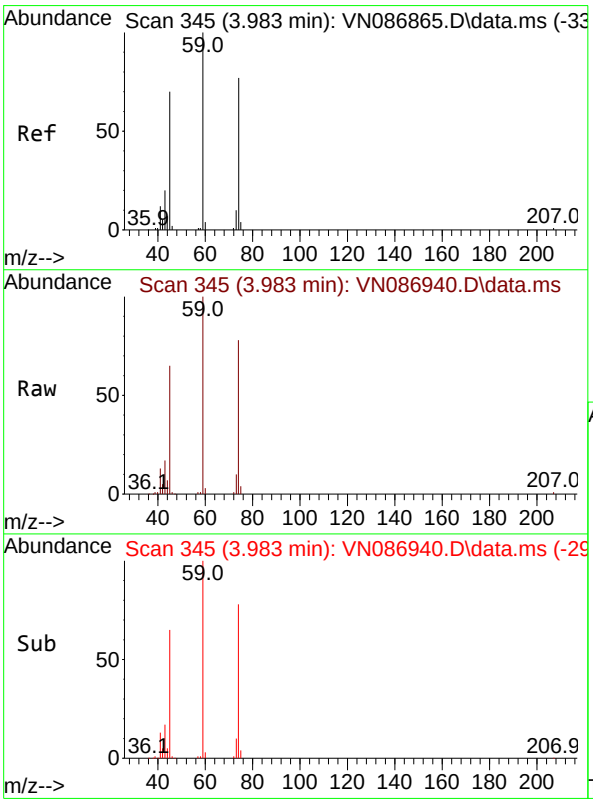
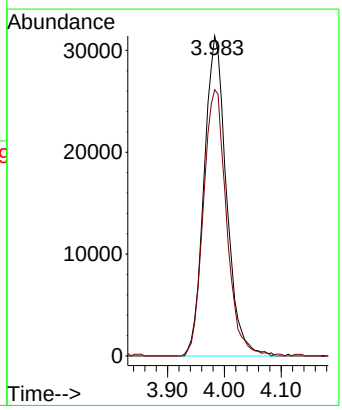


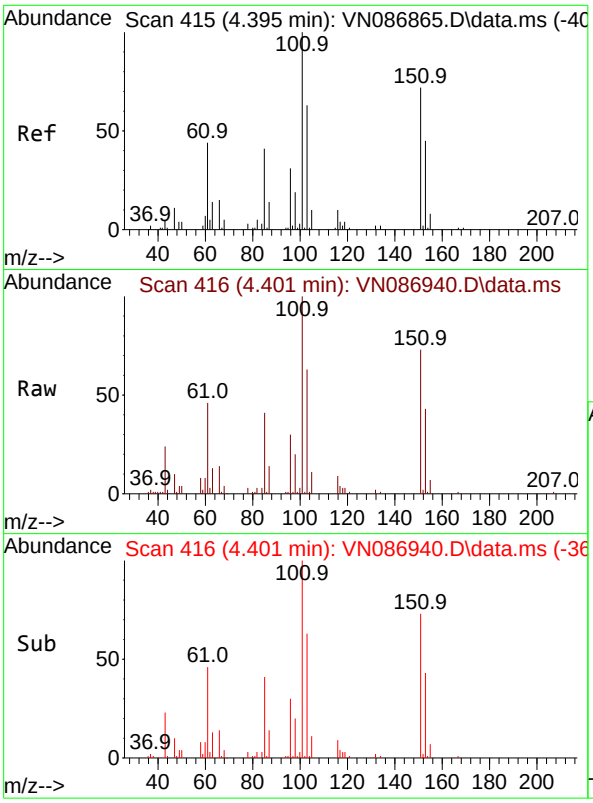


#8
Diethyl Ether
Concen: 55.281 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 74 Resp: 85722

Ion	Ratio	Lower	Upper
74	100		
45	85.9	45.5	136.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.364 ug/l
RT: 4.401 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:101 Resp: 11932

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.8	50.8
151	74.7	58.7	88.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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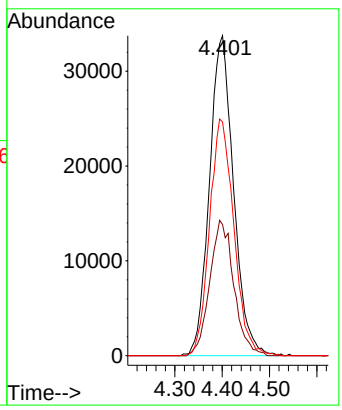
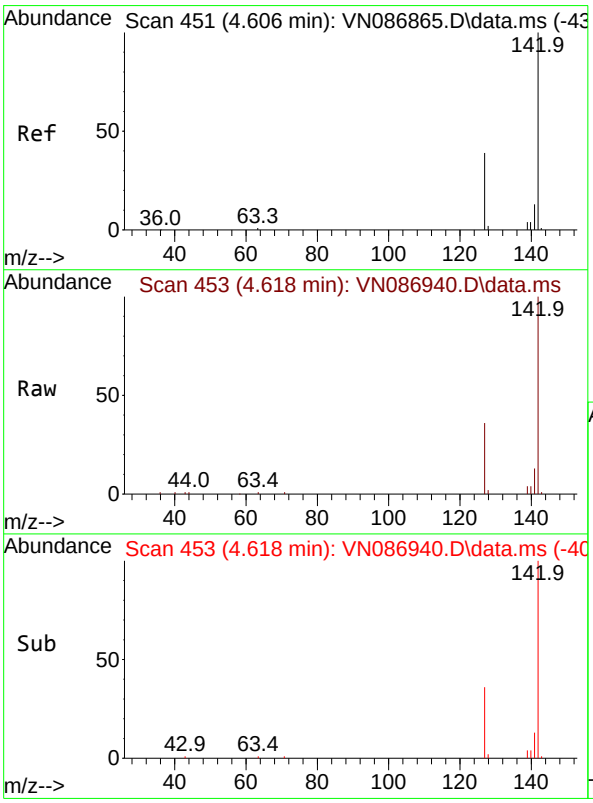
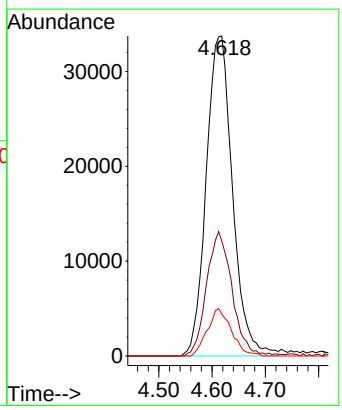


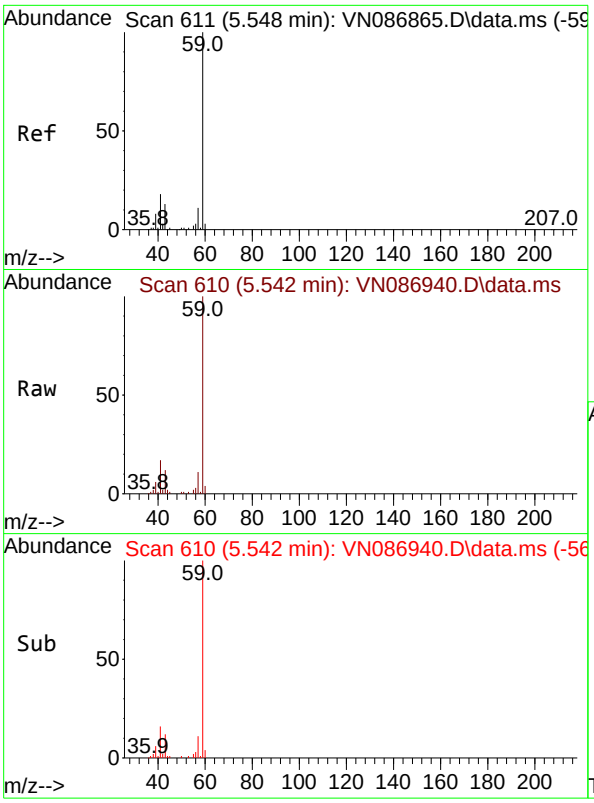


#10
Methyl Iodide
Concen: 39.959 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:142 Resp: 115825

Ion	Ratio	Lower	Upper
142	100		
127	36.0	30.9	46.3
141	13.1	10.4	15.6





#11
Tert butyl alcohol
Concen: 245.667 ug/l
RT: 5.542 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 59 Resp: 18304

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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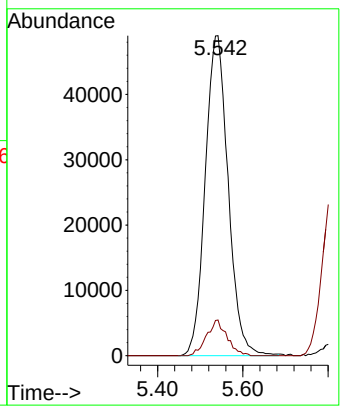
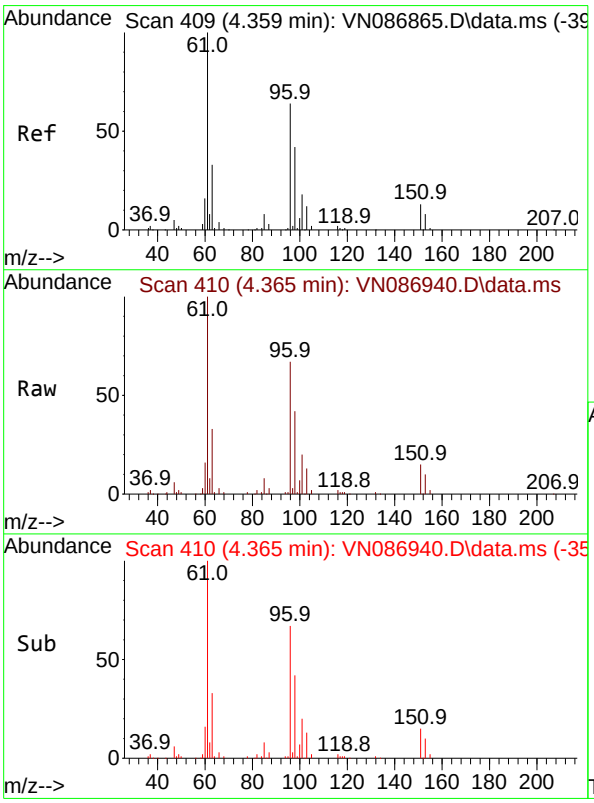
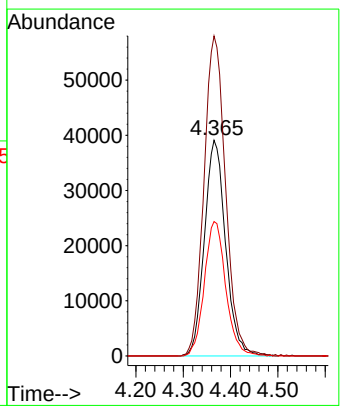


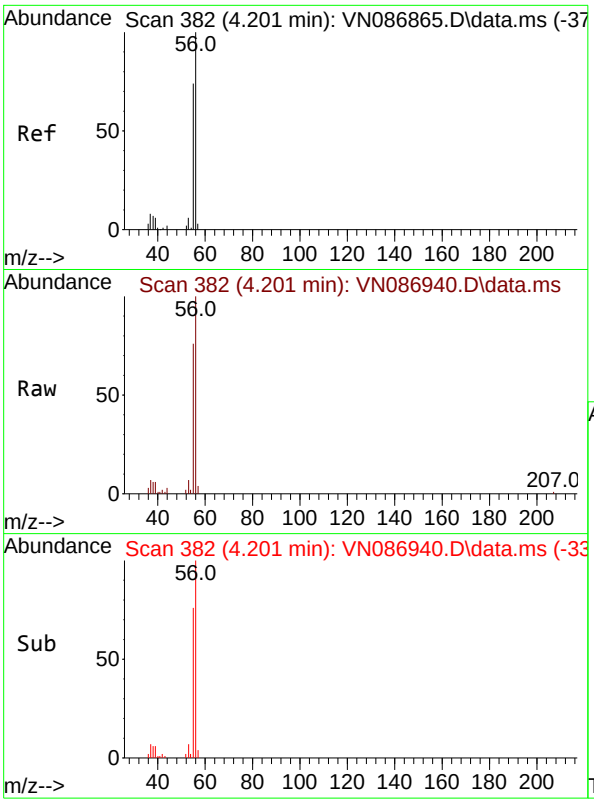


#12
1,1-Dichloroethene
Concen: 53.307 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 96 Resp: 121690

Ion	Ratio	Lower	Upper
96	100		
61	148.3	125.8	188.6
98	62.3	52.5	78.7

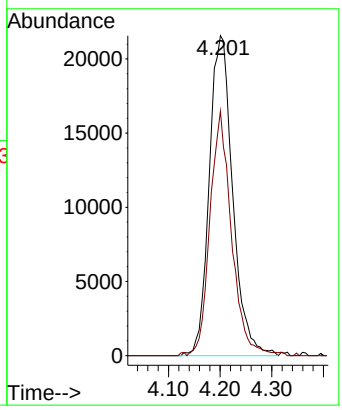




#13
Acrolein
Concen: 288.340 ug/l
RT: 4.201 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 56 Resp: 6800

Ion	Ratio	Lower	Upper
56	100		
55	70.2	55.6	83.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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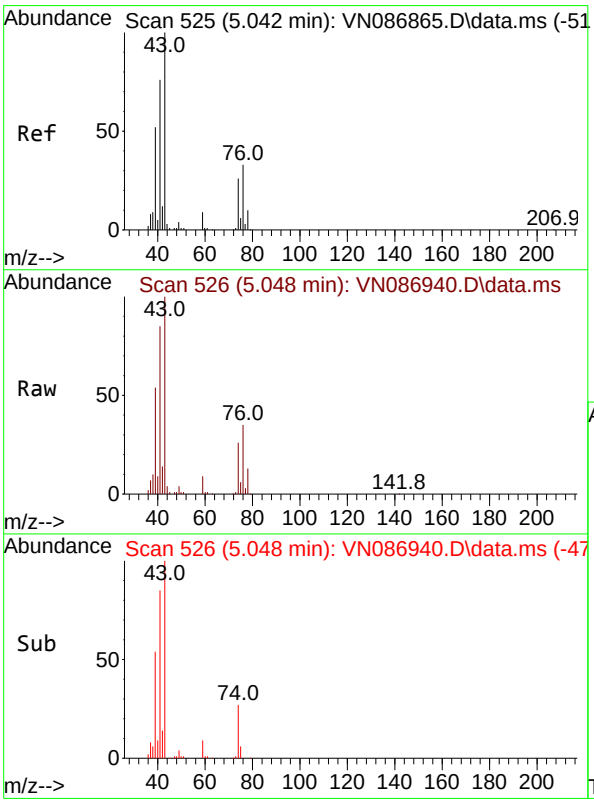
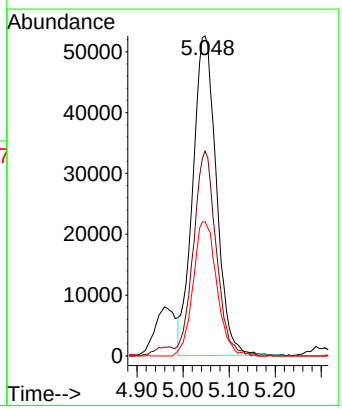
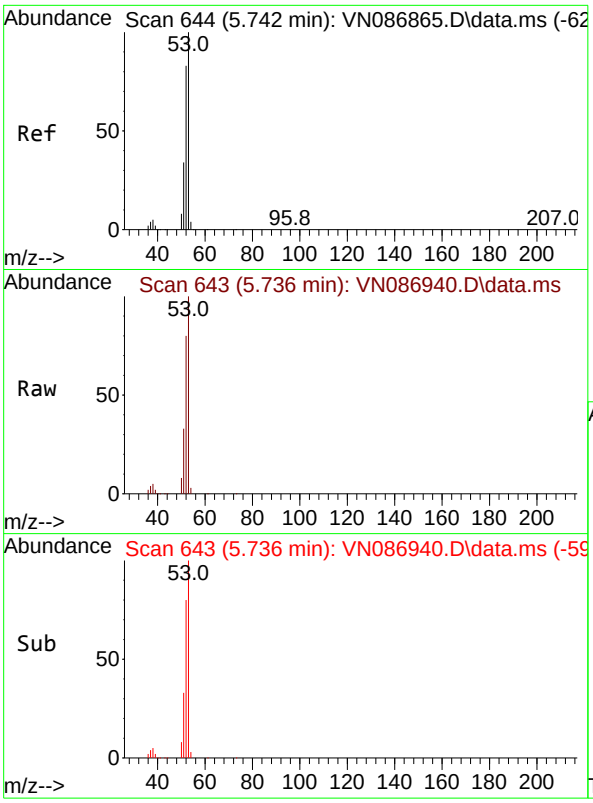


#14
Allyl chloride
Concen: 49.420 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 41 Resp: 187099

Ion	Ratio	Lower	Upper
41	100		
39	62.0	51.3	76.9
76	42.2	31.4	47.0





#15
Acrylonitrile
Concen: 262.349 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 53 Resp: 45690

Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.0	97.6
51	33.6	27.2	40.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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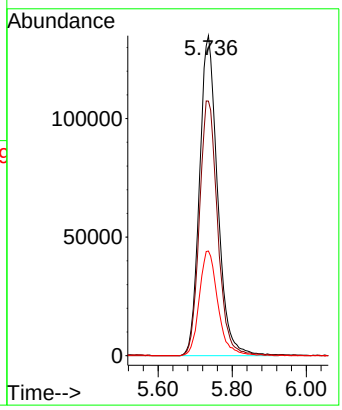
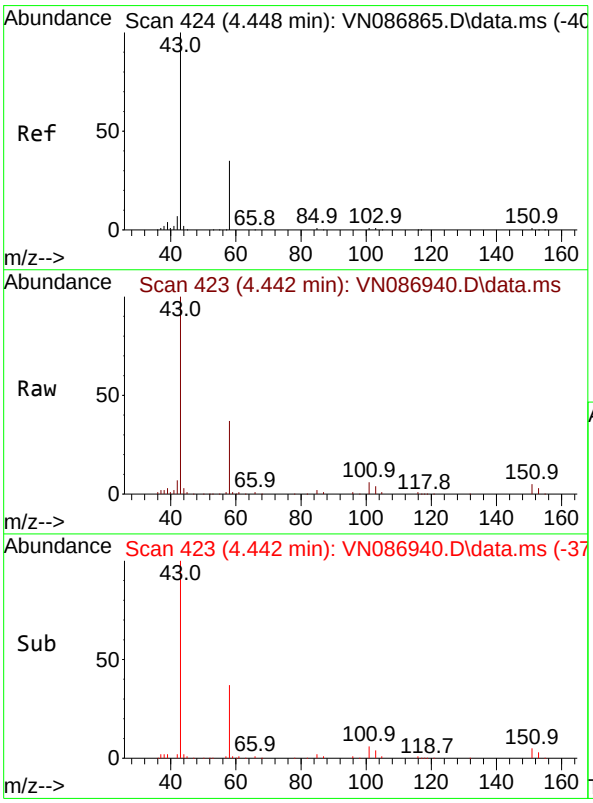
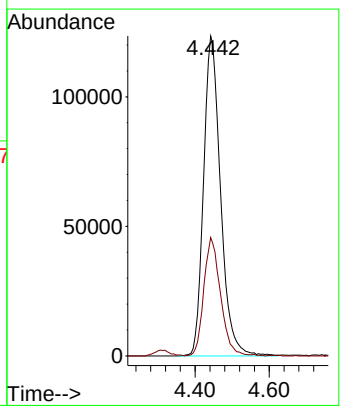


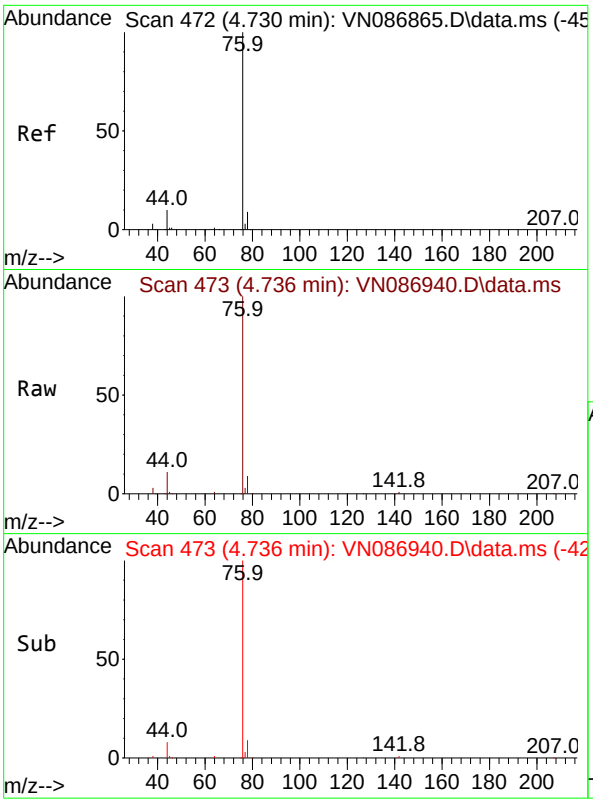


#16
Acetone
Concen: 270.423 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 393802

Ion	Ratio	Lower	Upper
43	100		
58	36.9	28.0	42.0

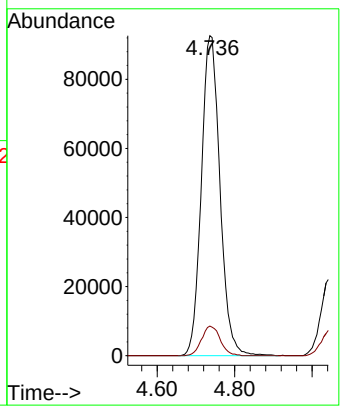




#17
Carbon Disulfide
Concen: 48.889 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 76 Resp: 30870

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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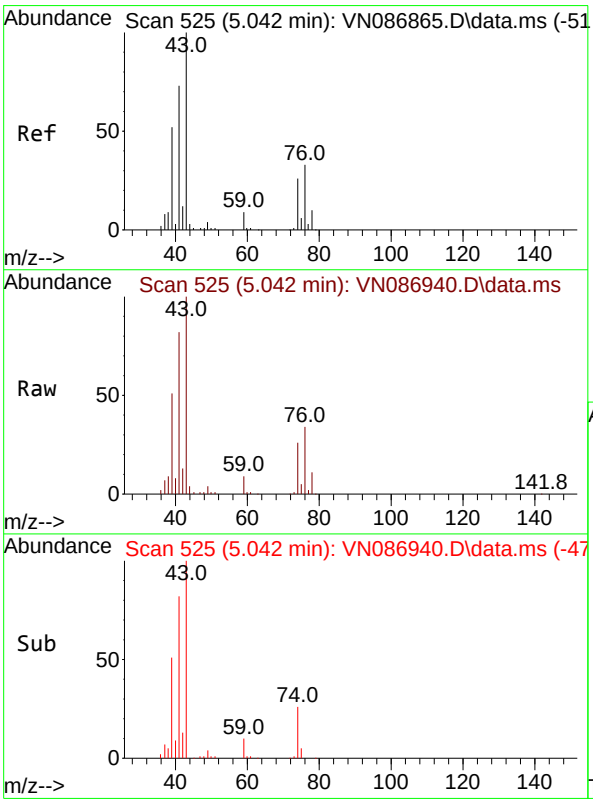
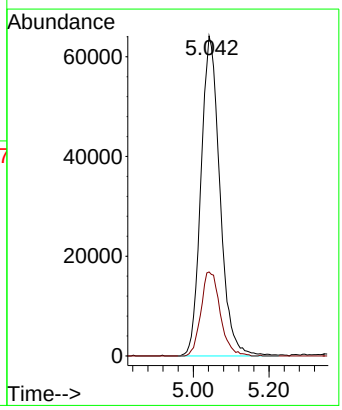
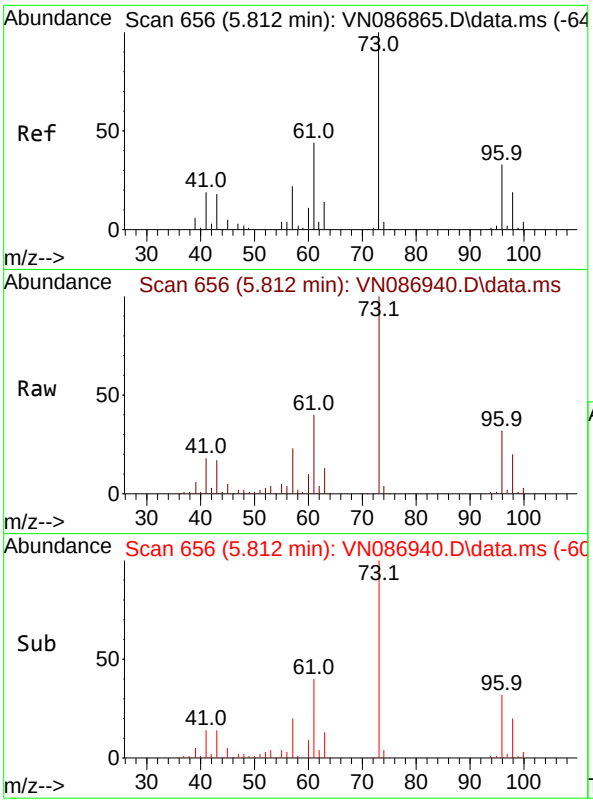


#18
Methyl Acetate
Concen: 52.419 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 222452

Ion	Ratio	Lower	Upper
43	100		
74	26.7	20.7	31.1

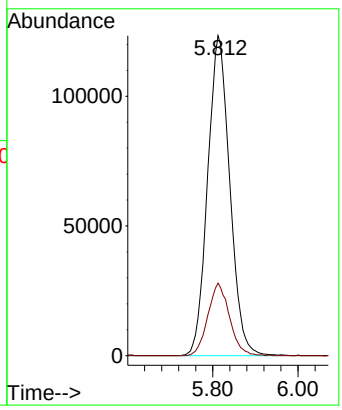




#19
Methyl tert-butyl Ether
Concen: 53.894 ug/l
RT: 5.812 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 73 Resp: 44545

Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.4	26.2



Instrument :
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ClientSampleId :
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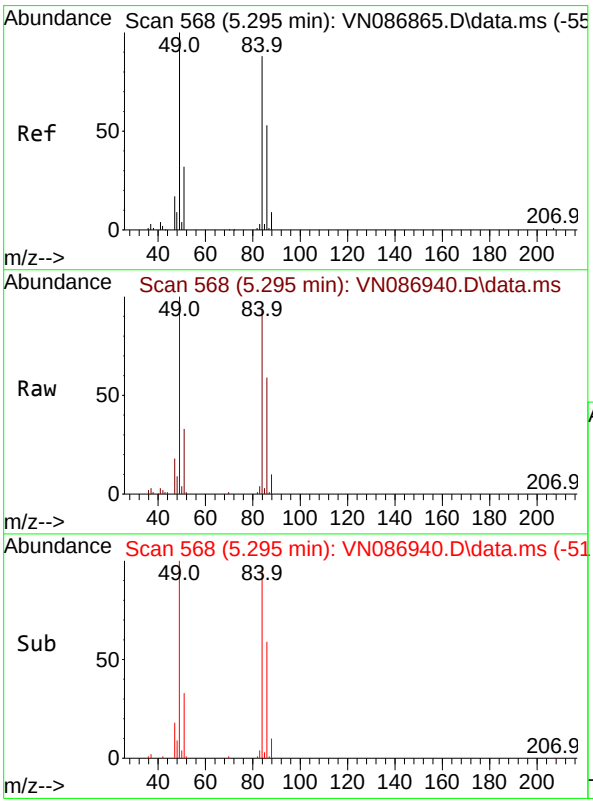
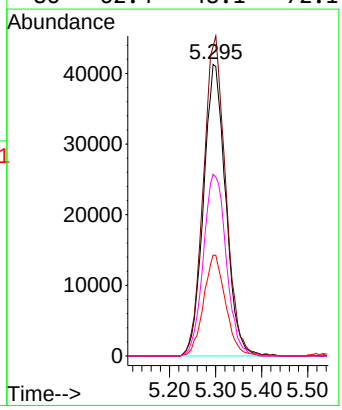
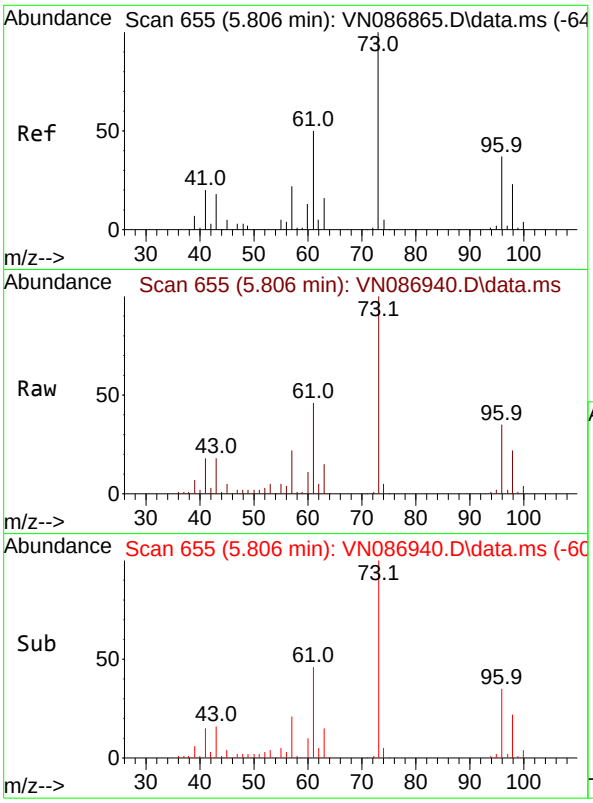


#20
Methylene Chloride
Concen: 50.660 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 84 Resp: 138117

Ion	Ratio	Lower	Upper
84	100		
49	106.1	90.5	135.7
51	34.5	28.5	42.7
86	62.4	48.1	72.1

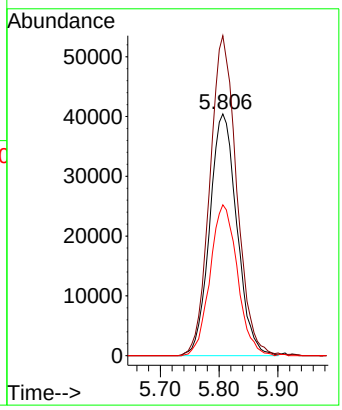




#21
trans-1,2-Dichloroethene
Concen: 51.154 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 96 Resp: 12992

Ion	Ratio	Lower	Upper
96	100		
61	132.3	109.2	163.8
98	62.4	49.8	74.8



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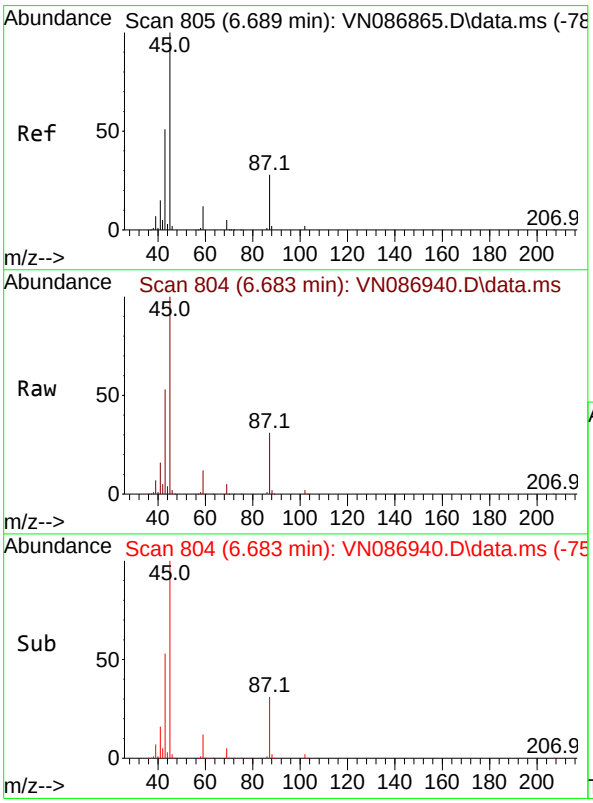
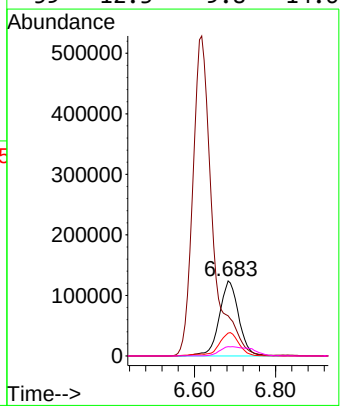
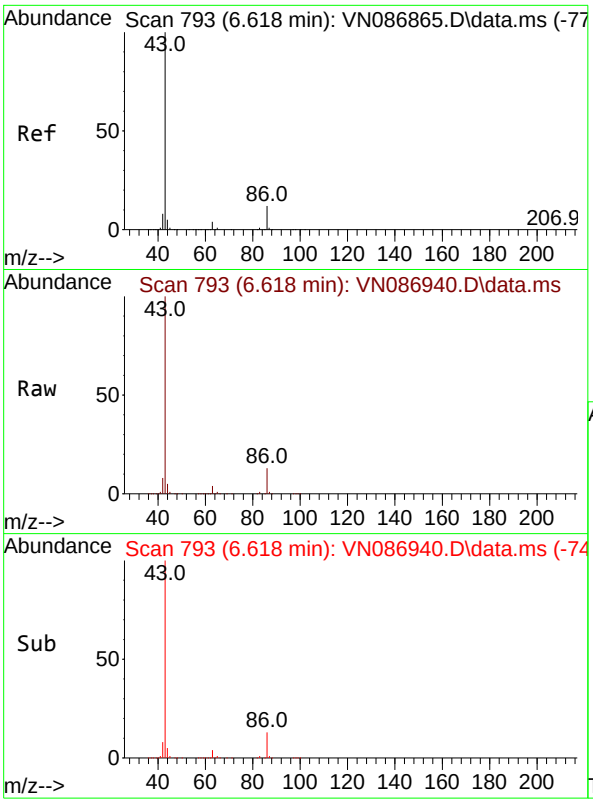


#22
Diisopropyl ether
Concen: 51.639 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 45 Resp: 412097

Ion	Ratio	Lower	Upper
45	100		
43	52.4	41.9	62.9
87	30.3	22.4	33.6
59	12.3	9.8	14.6





#23
Vinyl Acetate
Concen: 261.960 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 176627

Ion	Ratio	Lower	Upper
43	100		
86	12.8	9.5	14.3

Instrument :
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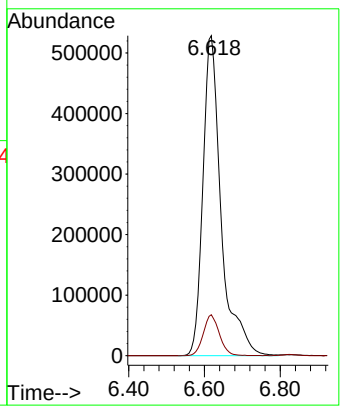
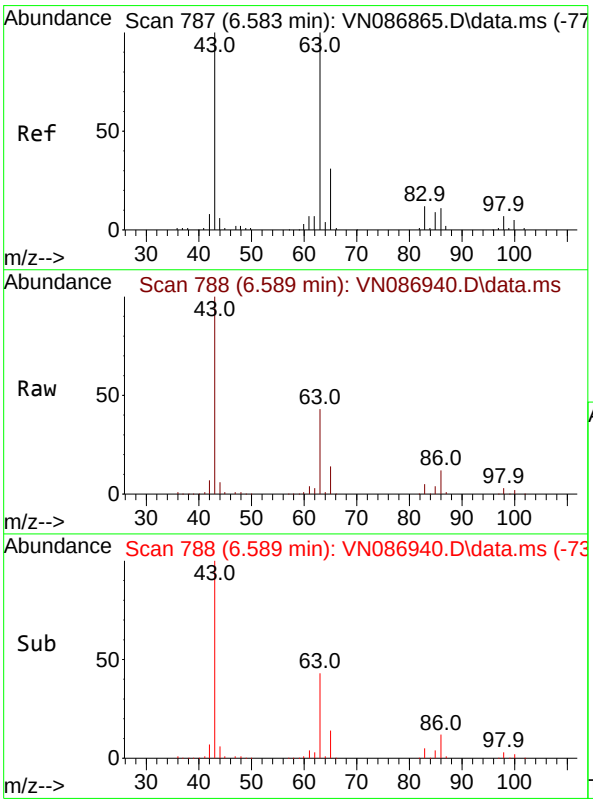
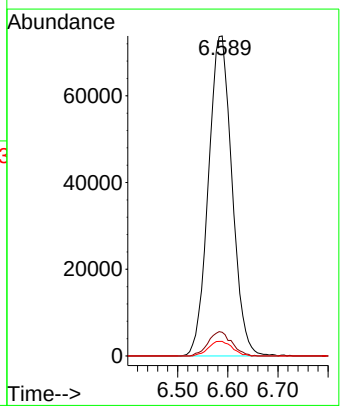


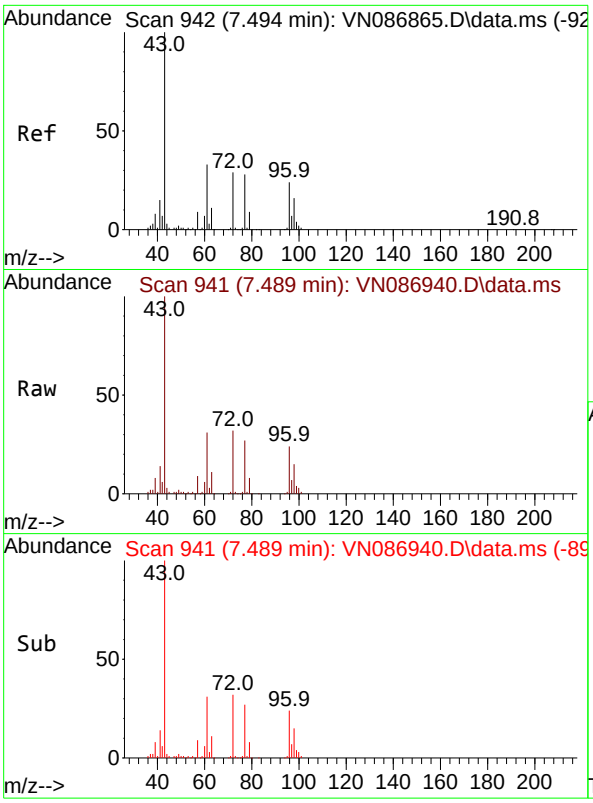


#24
1,1-Dichloroethane
Concen: 52.602 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 63 Resp: 241575

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.6	10.8
100	4.5	2.6	7.8





#25
2-Butanone
Concen: 246.018 ug/l
RT: 7.489 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 58234

Ion	Ratio	Lower	Upper
43	100		
72	31.5	23.0	34.6

Instrument :
MSVOA_N
ClientSampleId :
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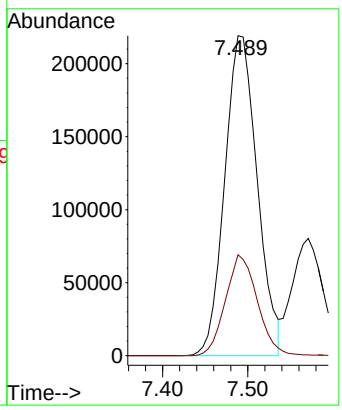
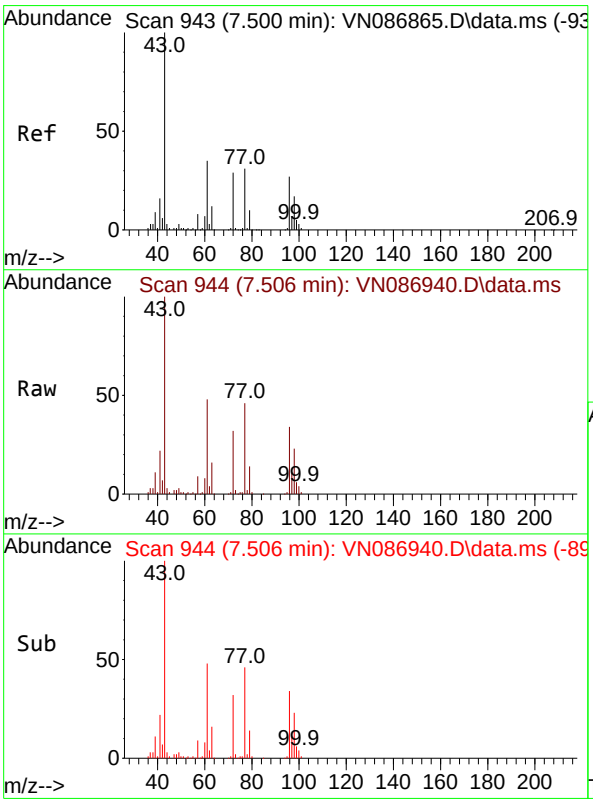
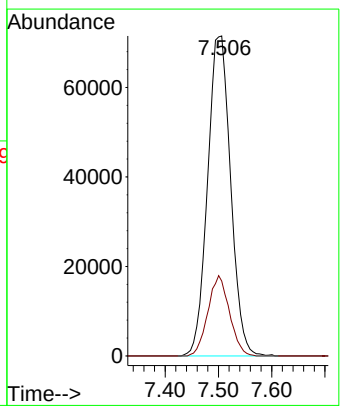


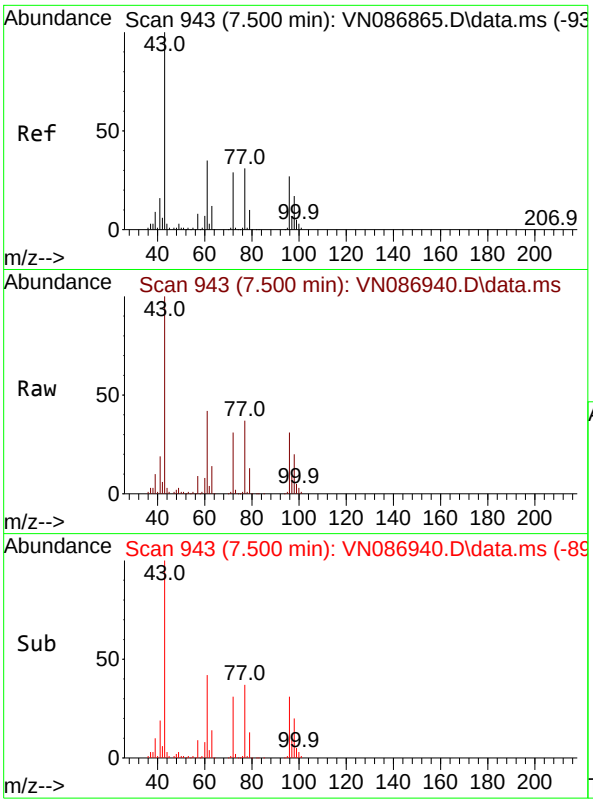


#26
2,2-Dichloropropane
Concen: 60.206 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 77 Resp: 215080

Ion	Ratio	Lower	Upper
77	100		
97	23.4	11.6	34.7

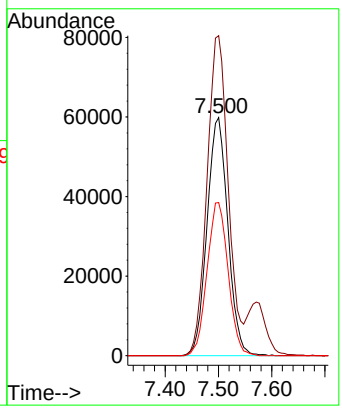




#27
cis-1,2-Dichloroethene
Concen: 53.551 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 96 Resp: 16265

Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	278.0
98	65.1	0.0	128.2



Instrument :
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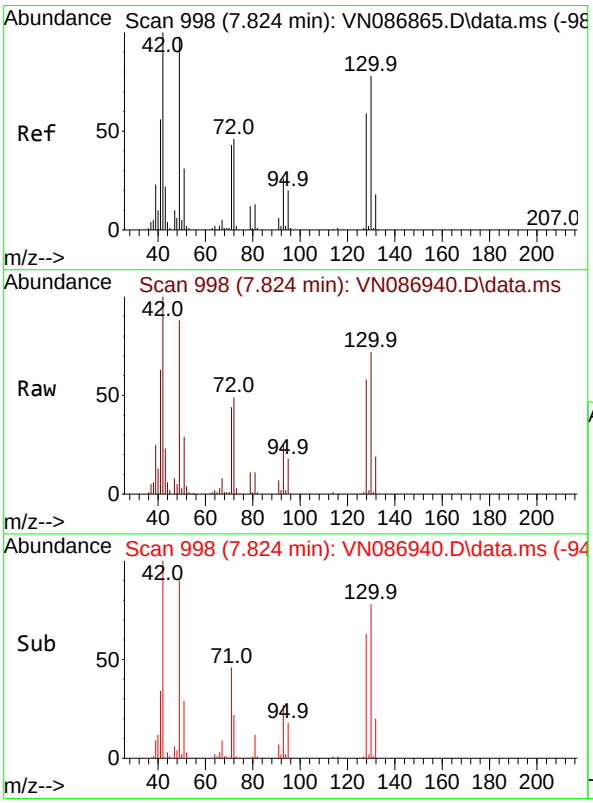
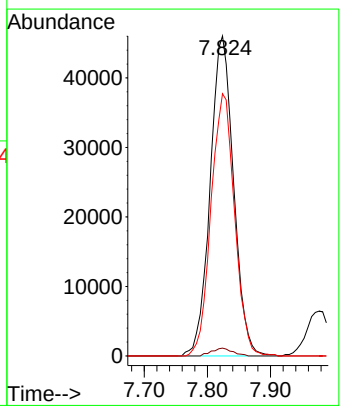
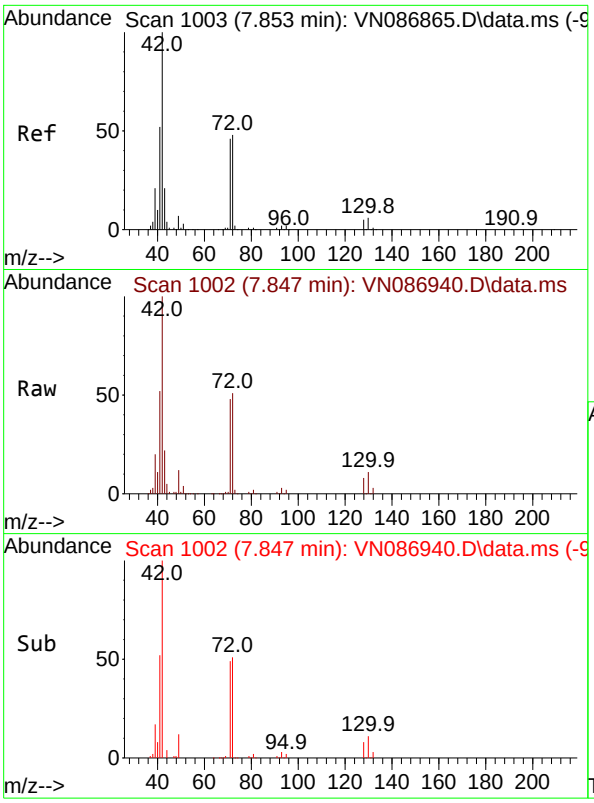


#28
Bromochloromethane
Concen: 52.462 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 49 Resp: 118461

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	82.4	62.2	93.2





#29
Tetrahydrofuran
Concen: 246.502 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 42 Resp: 38010

Ion	Ratio	Lower	Upper
42	100		
72	50.1	37.8	56.6
71	47.0	35.6	53.4

Instrument :
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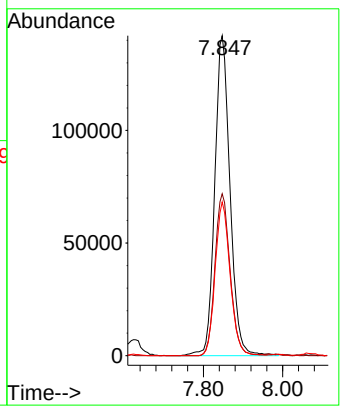
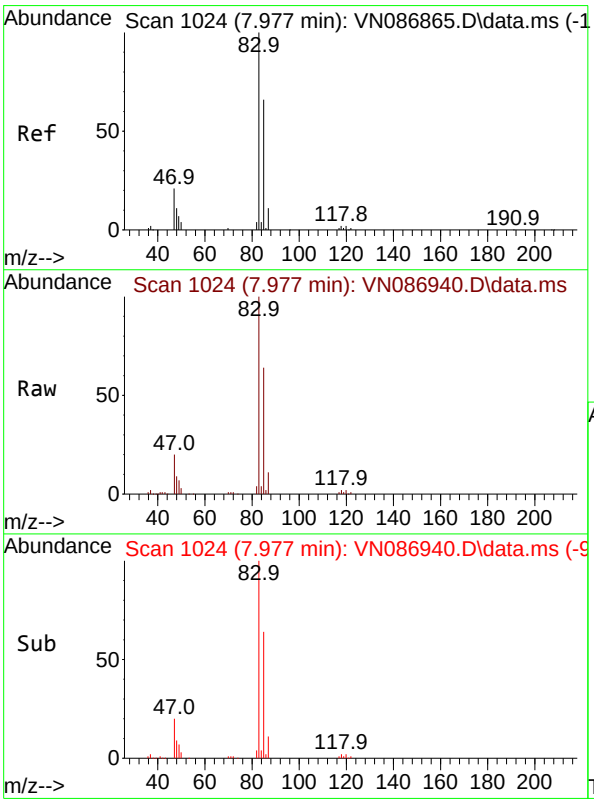
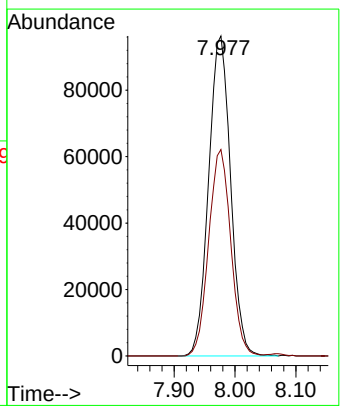


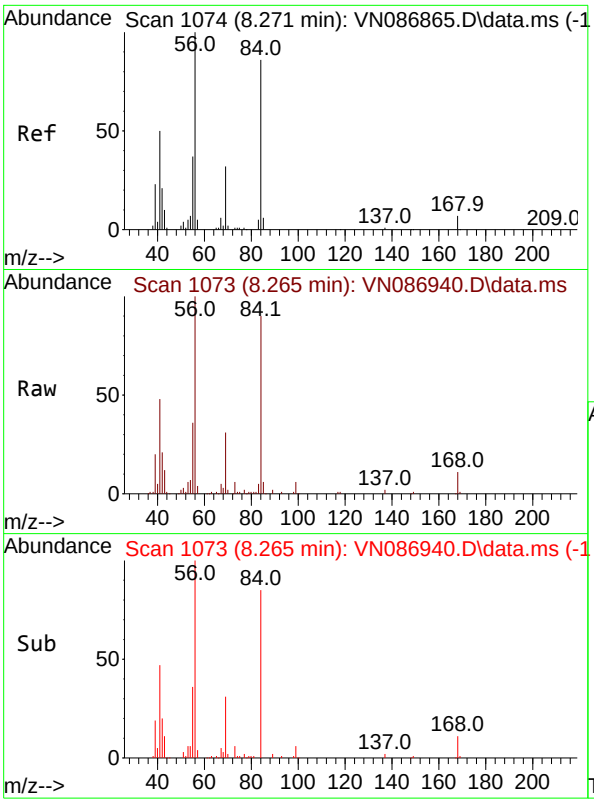


#30
Chloroform
Concen: 52.589 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 83 Resp: 241191

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.9	79.3

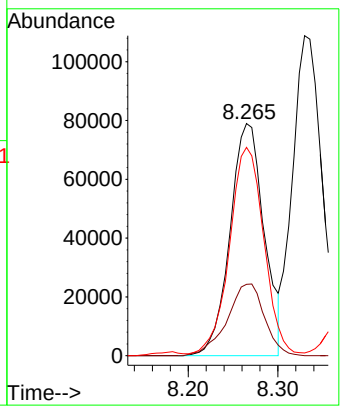




#31
Cyclohexane
Concen: 46.846 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 56 Resp: 20864

Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.4	38.0
84	88.6	68.8	103.2



Instrument :
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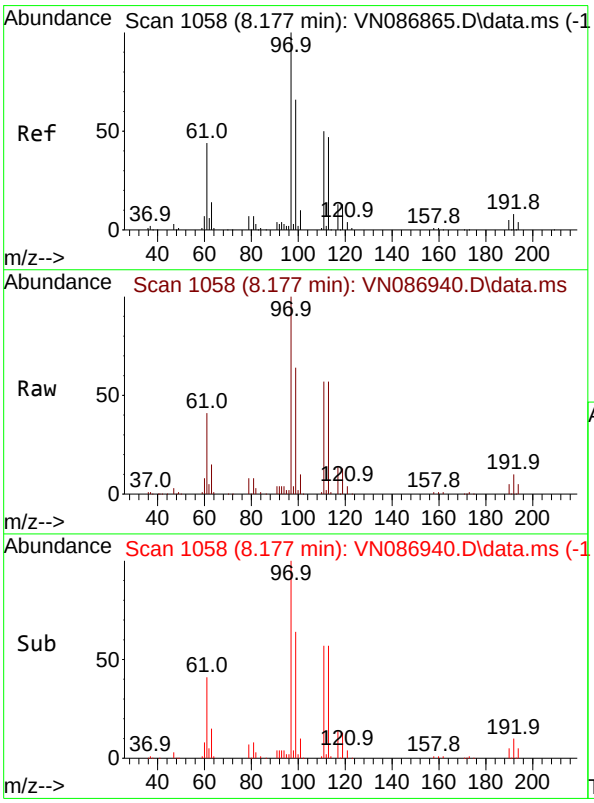
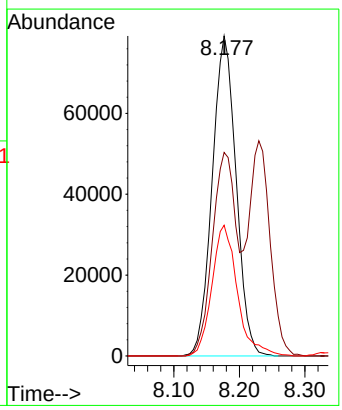
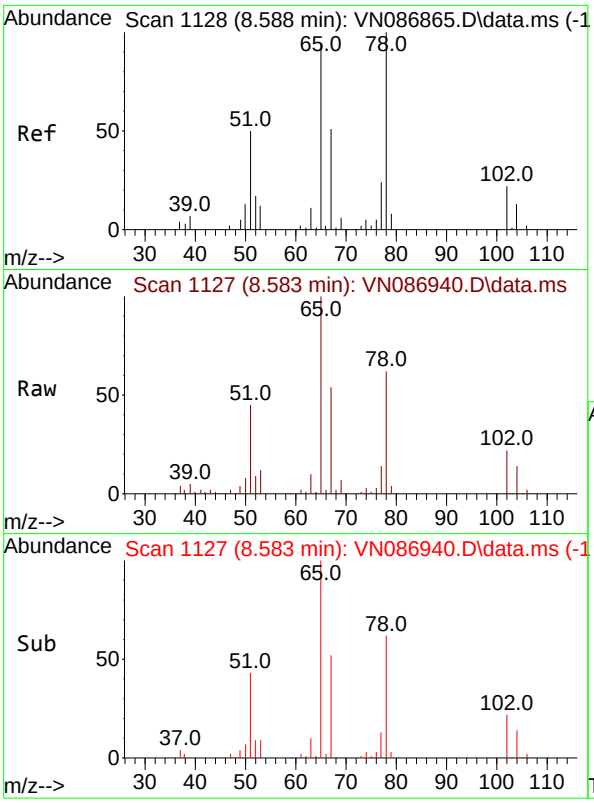


#32
1,1,1-Trichloroethane
Concen: 51.307 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 97 Resp: 200139

Ion	Ratio	Lower	Upper
97	100		
99	62.4	52.0	78.0
61	43.5	35.9	53.9

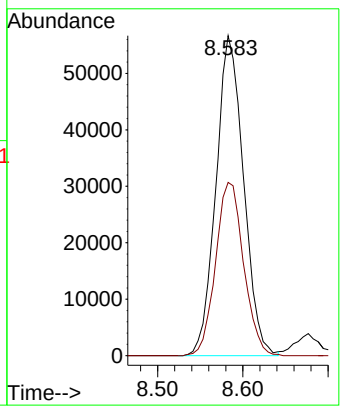




#33
1,2-Dichloroethane-d4
Concen: 46.478 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 65 Resp: 12762

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	105.6



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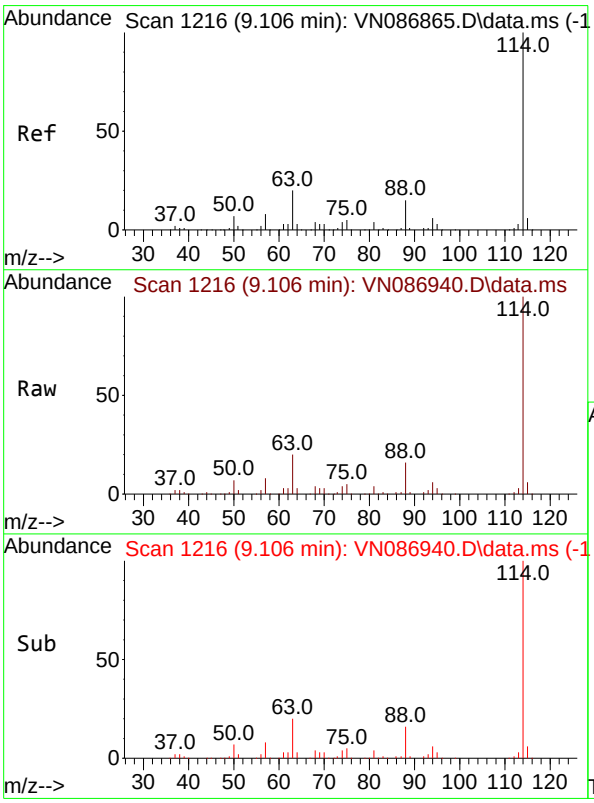
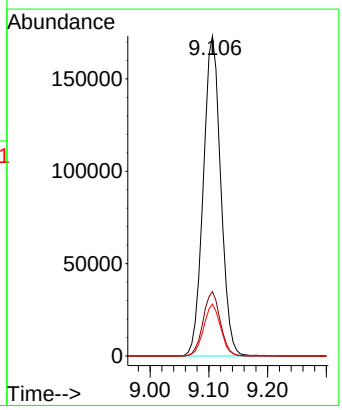
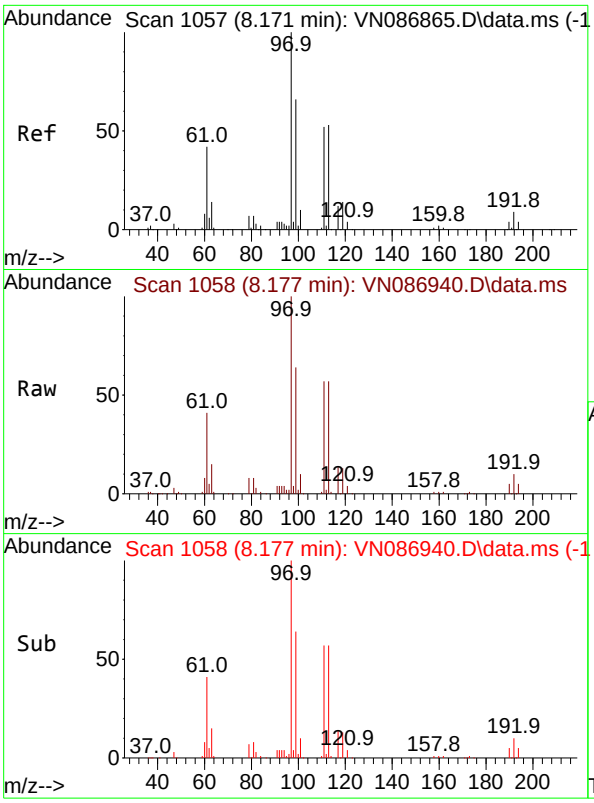


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:114 Resp: 357643

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	16.2	0.0	30.2

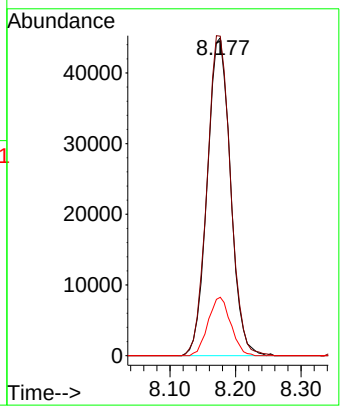




#35
Dibromofluoromethane
Concen: 52.151 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:113 Resp: 11053

Ion	Ratio	Lower	Upper
113	100		
111	101.8	84.2	126.2
192	17.9	14.2	21.4



Instrument :
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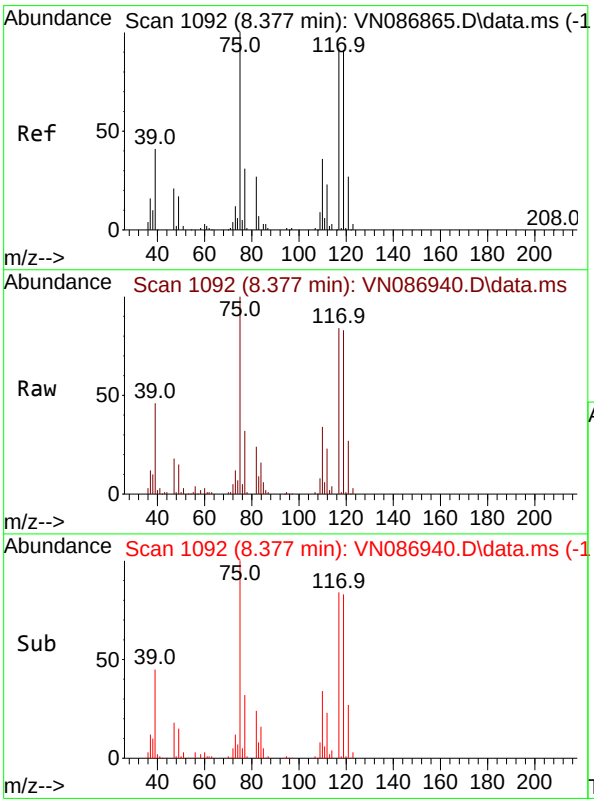
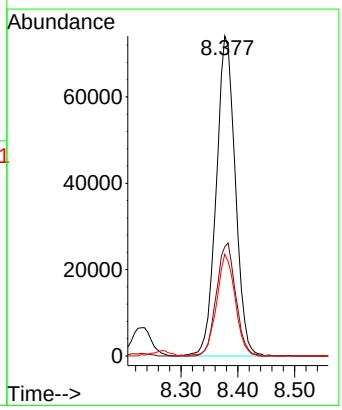
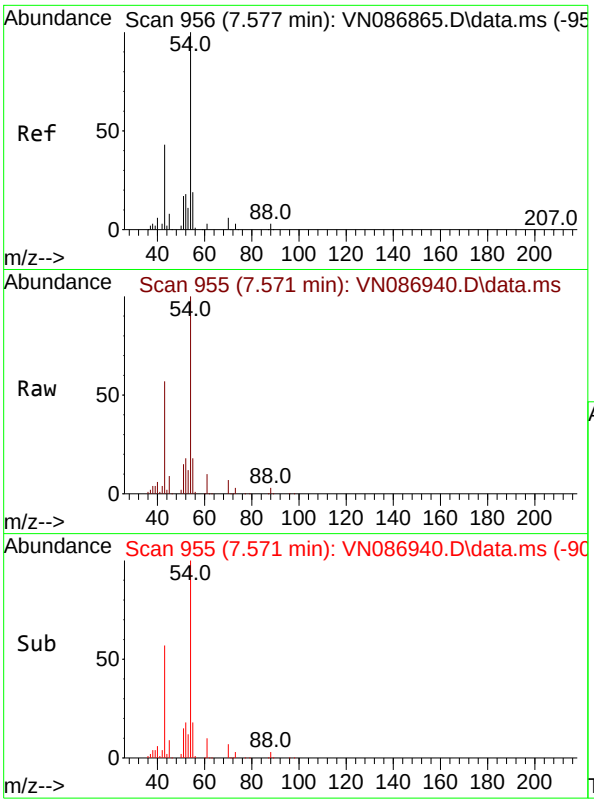


#36
1,1-Dichloropropene
Concen: 54.664 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 172642

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.6	52.9
77	31.1	25.3	37.9





#37
Ethyl Acetate
Concen: 52.670 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 21175

Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.1	18.1
70	12.8	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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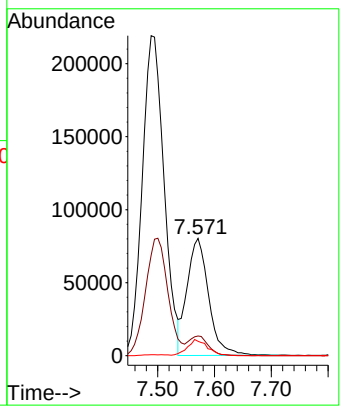
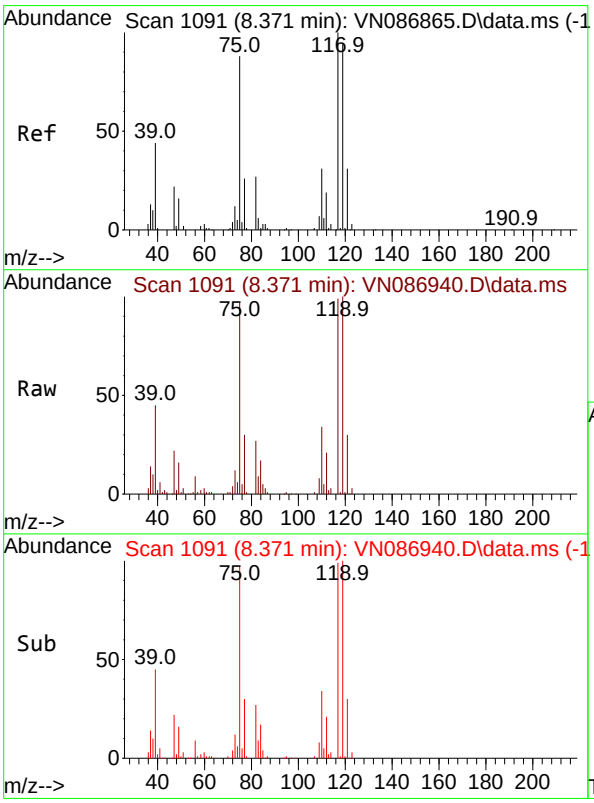
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

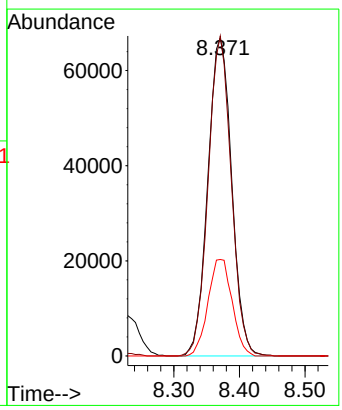


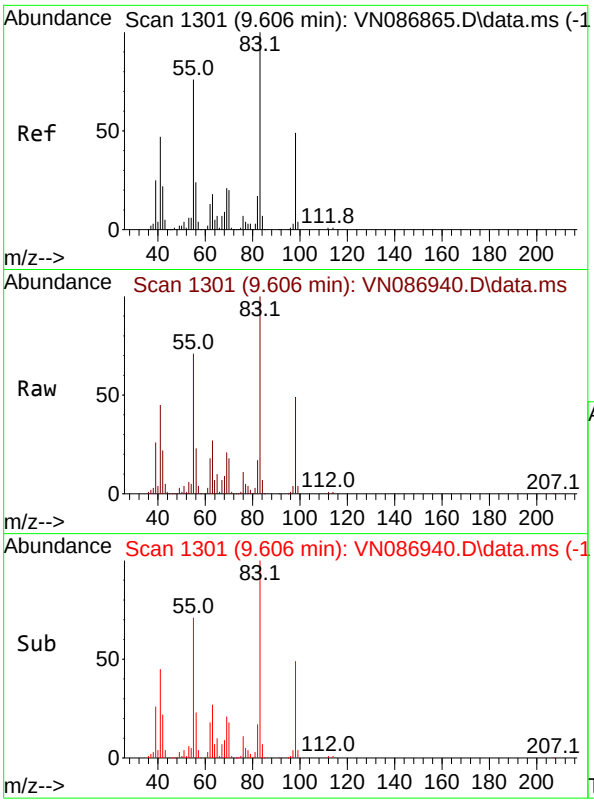


#38
Carbon Tetrachloride
Concen: 54.485 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:117 Resp: 168940

Ion	Ratio	Lower	Upper
117	100		
119	100.6	75.0	112.6
121	30.4	24.9	37.3





#39
Methylcyclohexane
Concen: 47.613 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 83 Resp: 20601

Ion	Ratio	Lower	Upper
83	100		
55	71.2	61.0	91.6
98	48.5	38.9	58.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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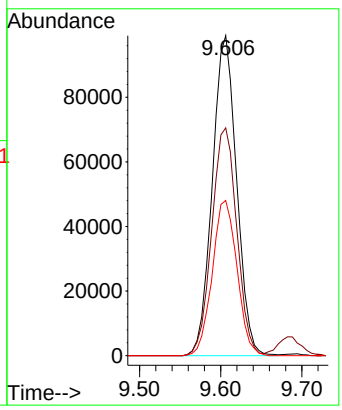
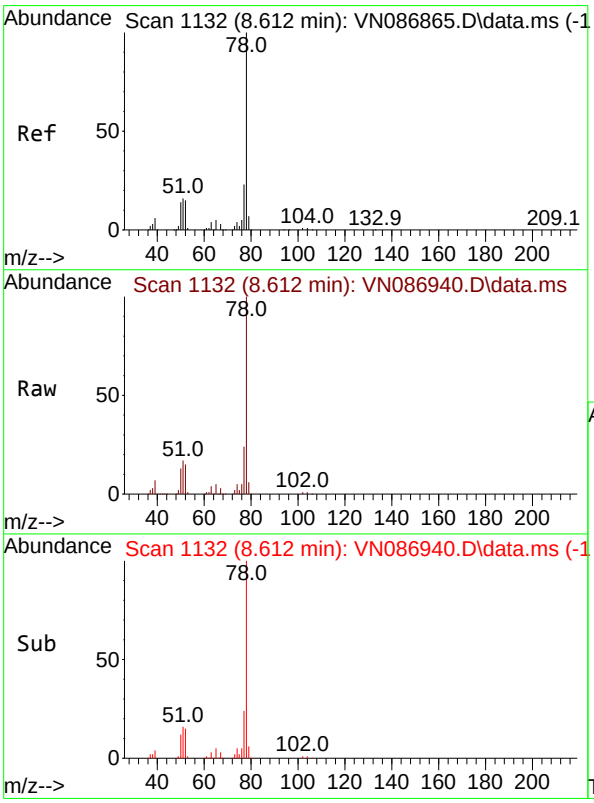
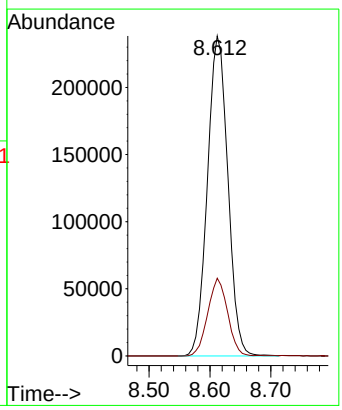


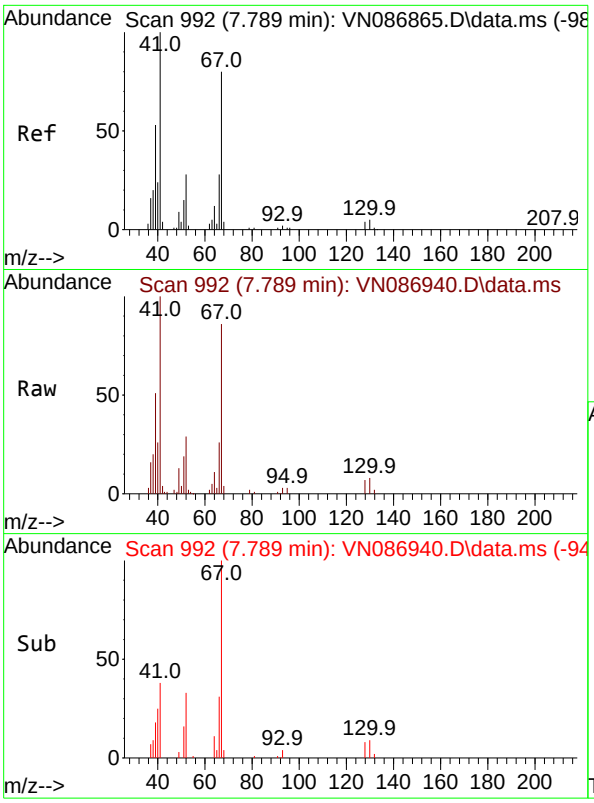


#40
Benzene
Concen: 53.798 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 78 Resp: 555597

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.7	28.1

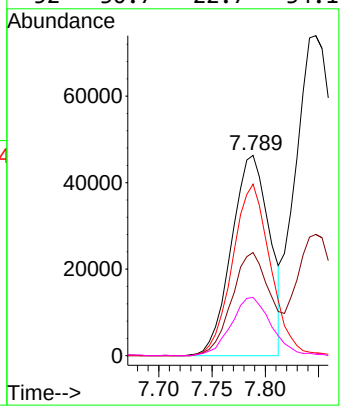




#41
Methacrylonitrile
Concen: 51.017 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 41 Resp: 11519

Ion	Ratio	Lower	Upper
41	100		
39	53.8	41.2	61.8
67	85.5	61.4	92.2
52	30.7	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
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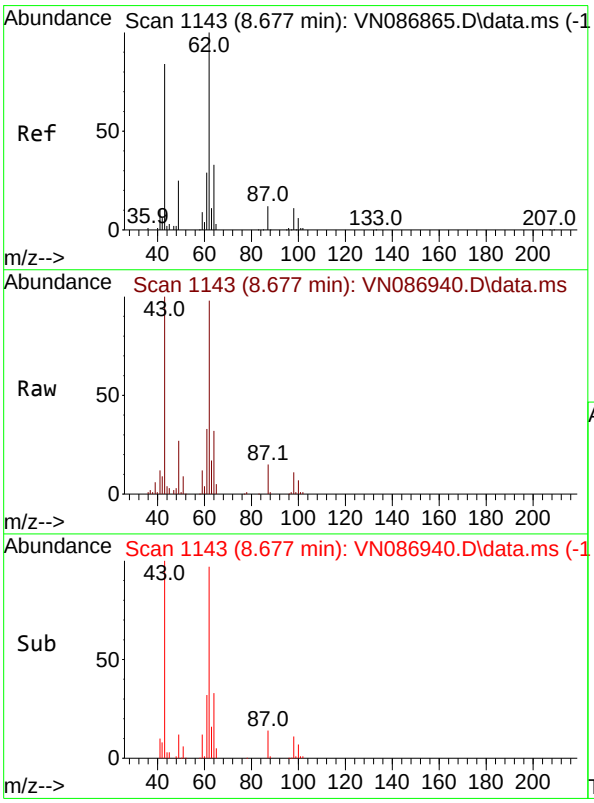
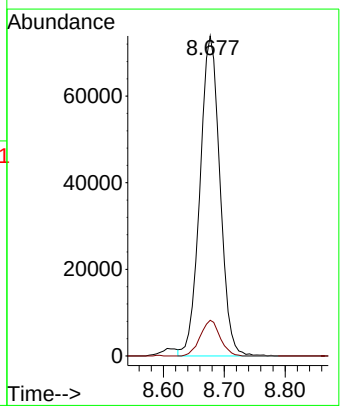
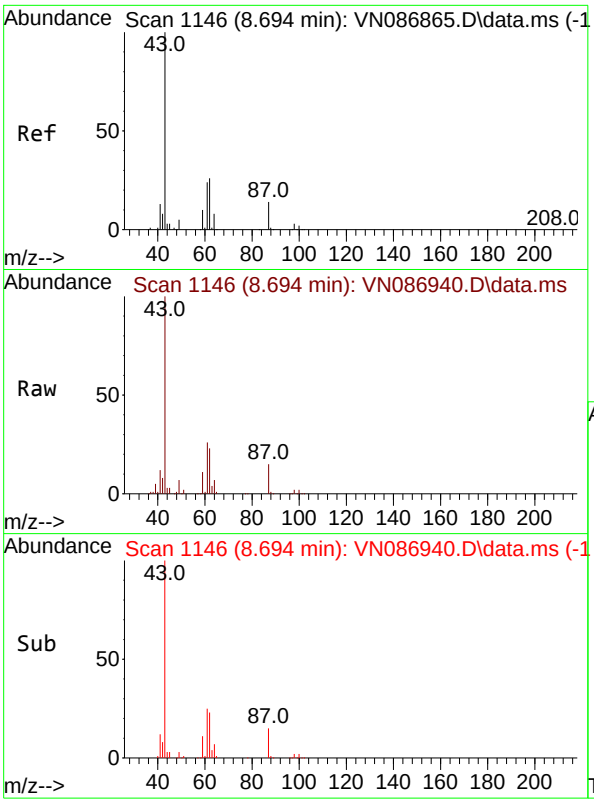


#42
1,2-Dichloroethane
Concen: 53.833 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 62 Resp: 168630

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.2

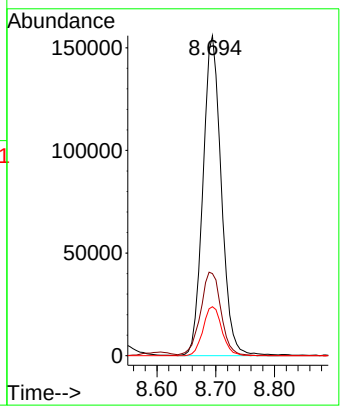




#43
Isopropyl Acetate
Concen: 52.442 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 338399

Ion	Ratio	Lower	Upper
43	100		
61	29.2	22.1	33.1
87	15.7	11.8	17.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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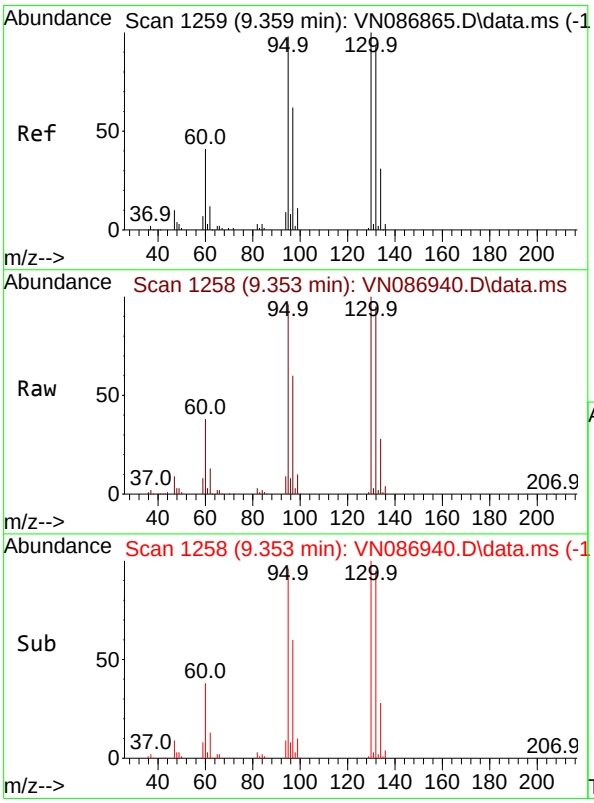
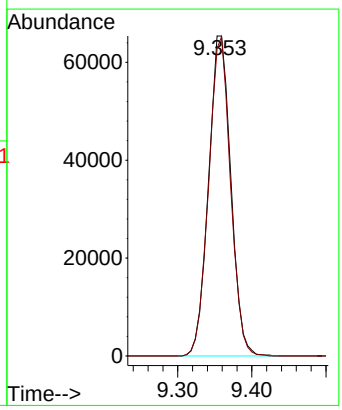
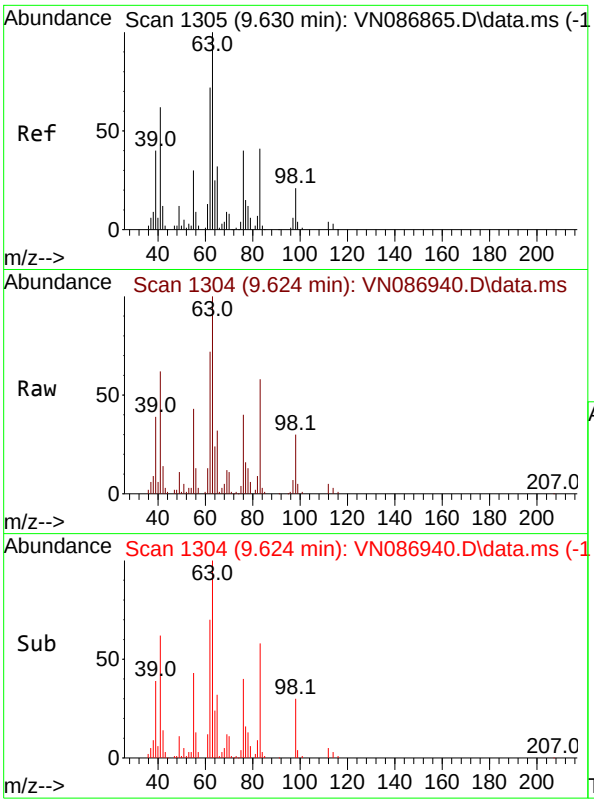


#44
Trichloroethene
Concen: 55.842 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:130 Resp: 136748

Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	196.2

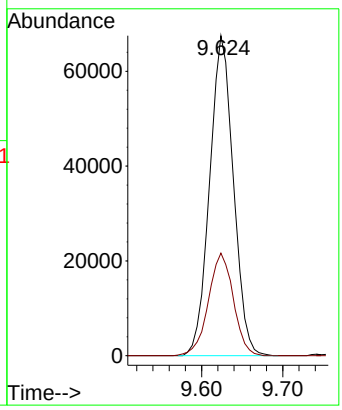




#45
1,2-Dichloropropane
Concen: 54.626 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 63 Resp: 13725

Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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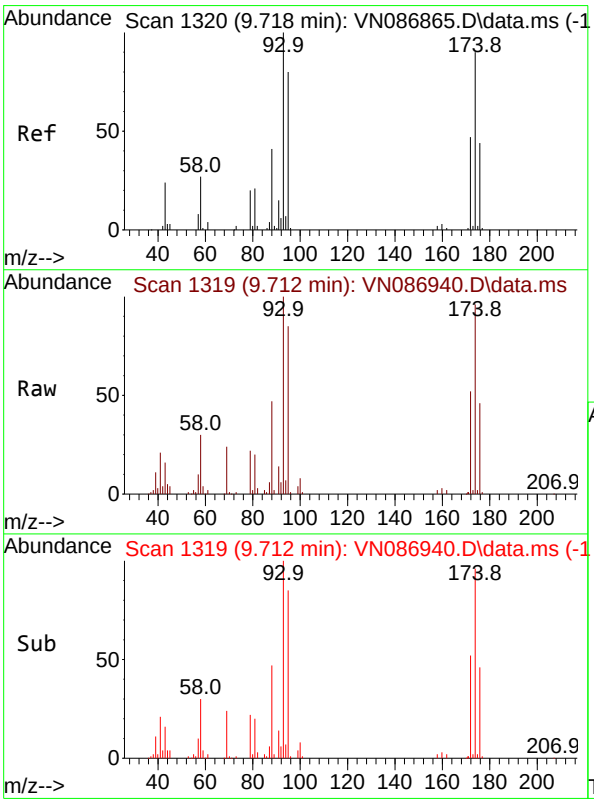
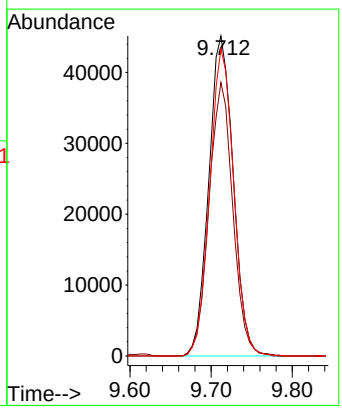
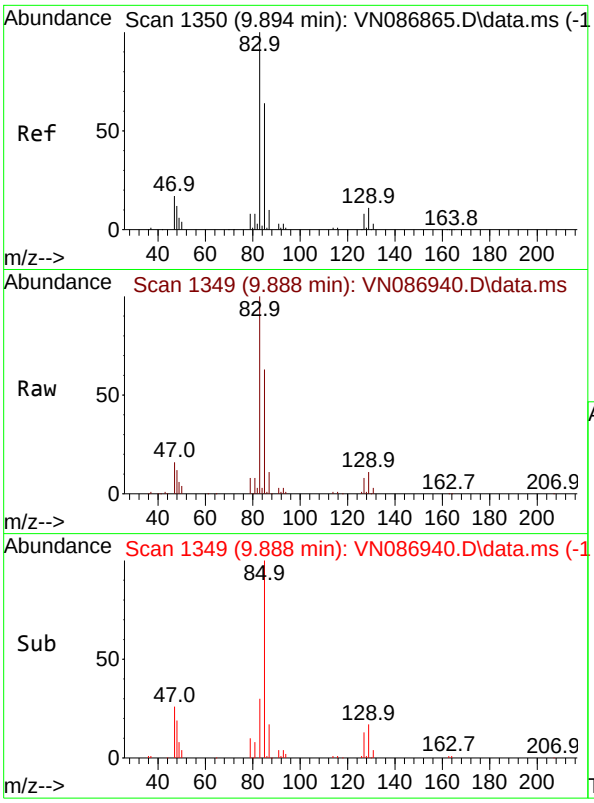


#46
Dibromomethane
Concen: 56.697 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 93 Resp: 94620

Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.1	100.7
174	94.1	74.2	111.4

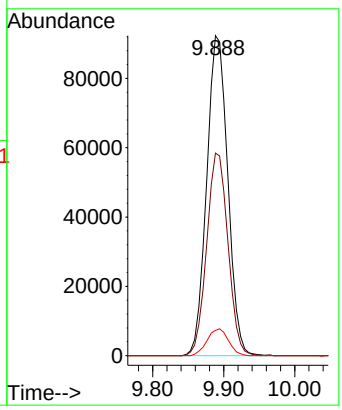




#47
Bromodichloromethane
Concen: 55.440 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 83 Resp: 19036

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	7.9	6.6	10.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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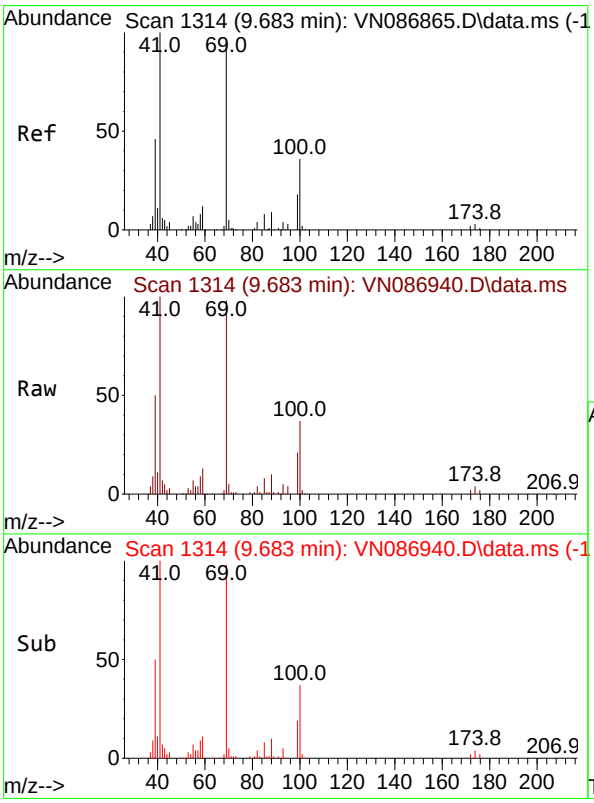
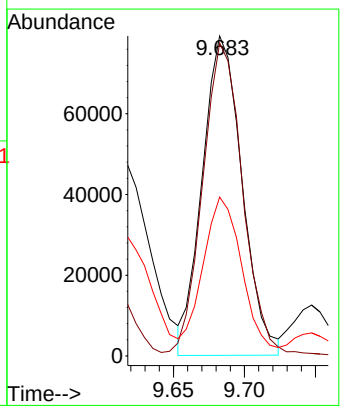
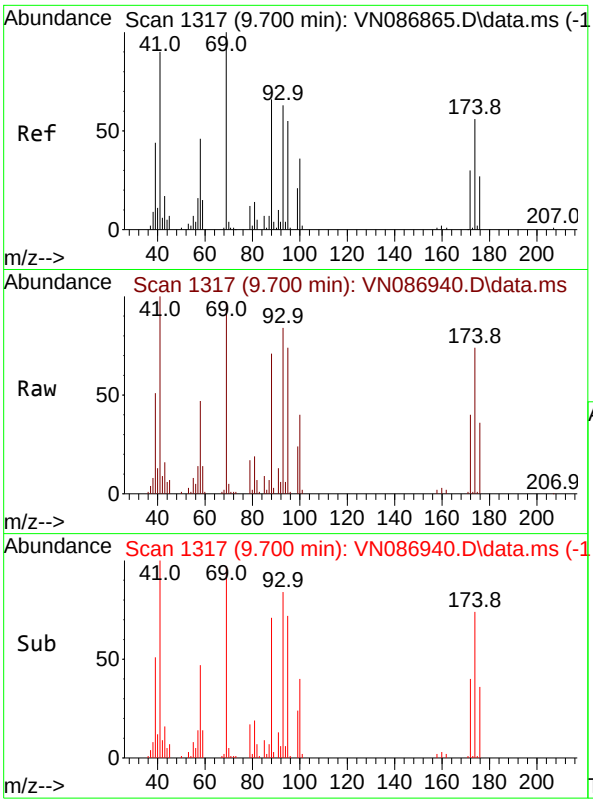


#48
Methyl methacrylate
Concen: 51.898 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 41 Resp: 154138

Ion	Ratio	Lower	Upper
41	100		
69	98.4	74.6	112.0
39	49.7	40.2	60.4

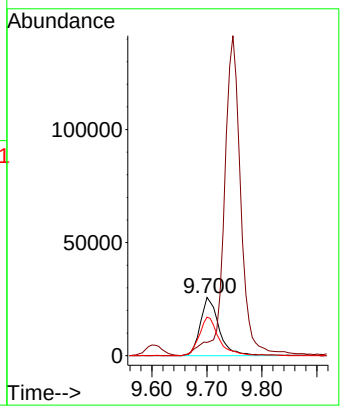




#49
1,4-Dioxane
Concen: 1128.409 ug/l
RT: 9.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 88 Resp: 6096

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	68.8	57.7	86.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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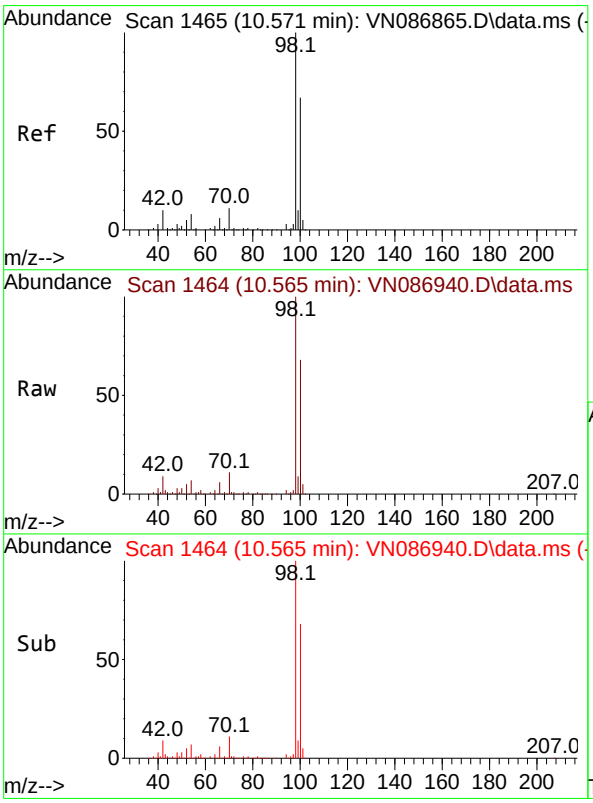
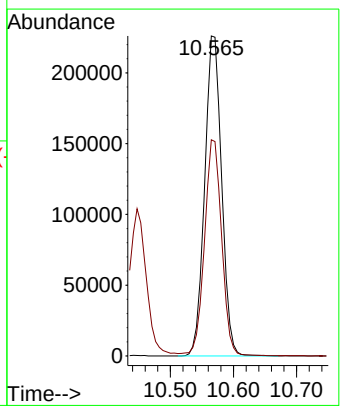
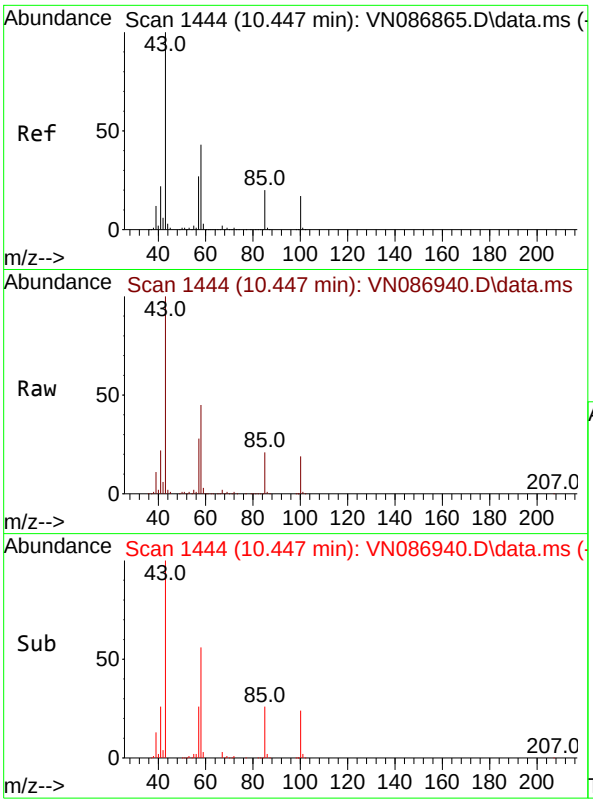


#50
Toluene-d8
Concen: 50.342 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 98 Resp: 422391

Ion	Ratio	Lower	Upper
98	100		
100	68.2	53.4	80.0

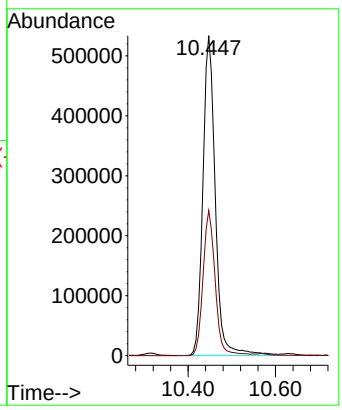




#51
4-Methyl-2-Pentanone
Concen: 271.529 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 105479

Ion	Ratio	Lower	Upper
43	100		
58	44.3	34.2	51.4



Instrument :
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ClientSampleId :
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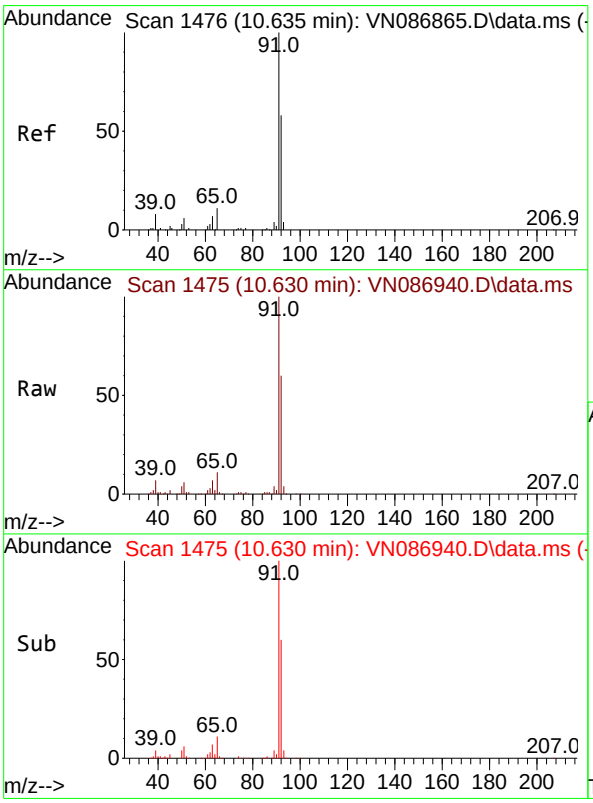
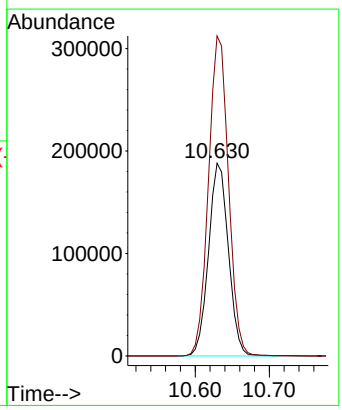
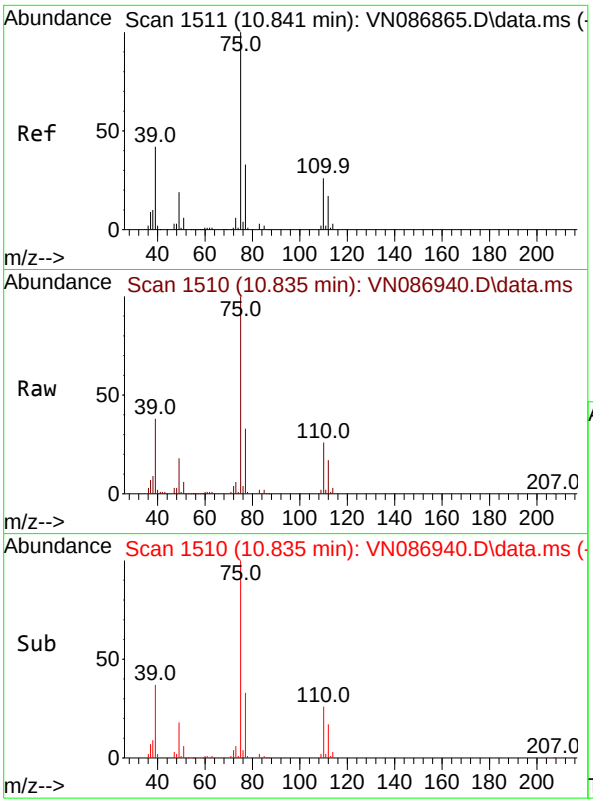


#52
Toluene
Concen: 55.435 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 92 Resp: 349873

Ion	Ratio	Lower	Upper
92	100		
91	167.2	136.5	204.7

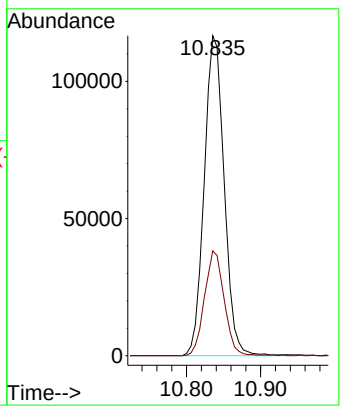




#53
t-1,3-Dichloropropene
Concen: 56.714 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 21775

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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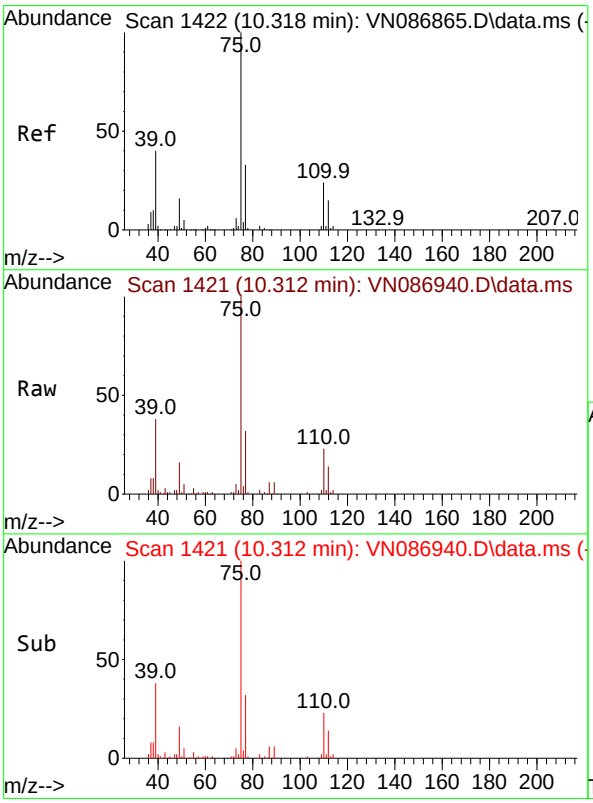
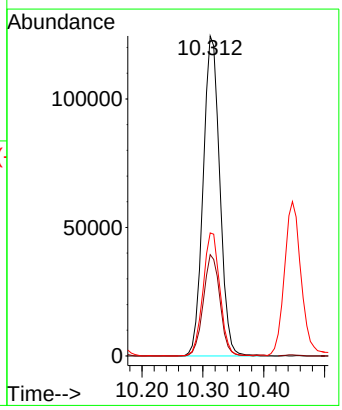
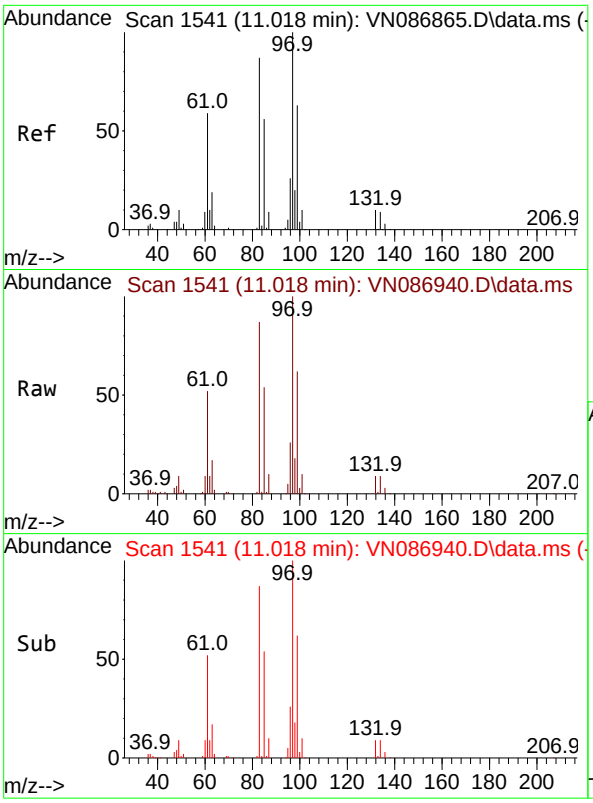


#54
cis-1,3-Dichloropropene
Concen: 57.518 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 236296

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.4
39	38.5	32.3	48.5

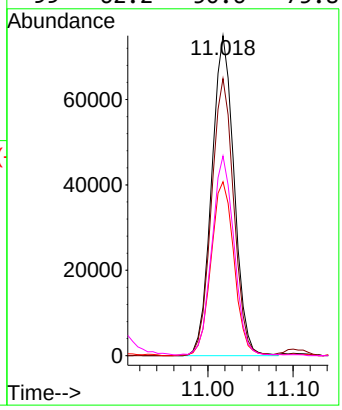




#55
1,1,2-Trichloroethane
Concen: 56.454 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 97 Resp: 13709

Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.7	104.5
85	54.1	45.1	67.7
99	62.2	50.6	75.8



Instrument :
MSVOA_N
ClientSampleId :
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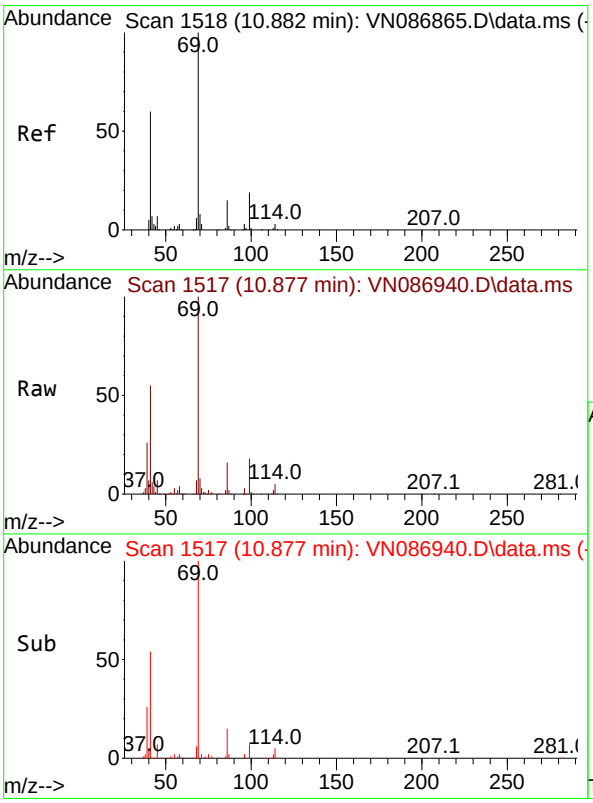
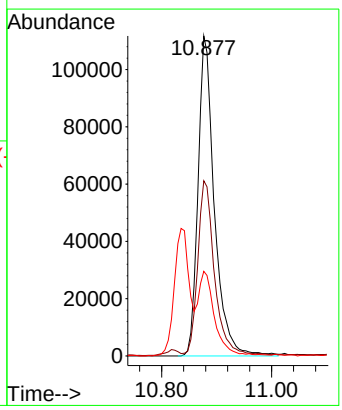
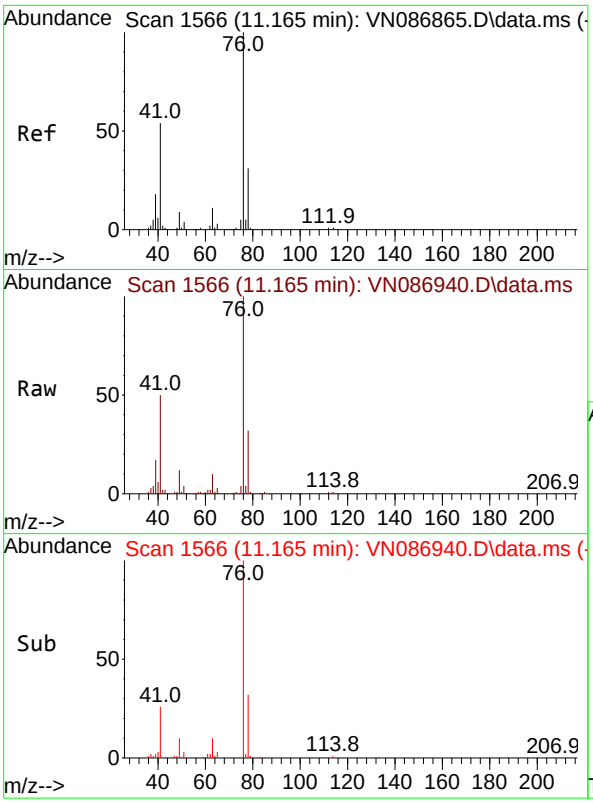


#56
Ethyl methacrylate
Concen: 59.778 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 69 Resp: 231226

Ion	Ratio	Lower	Upper
69	100		
41	55.6	47.2	70.8
39	26.0	23.0	34.6

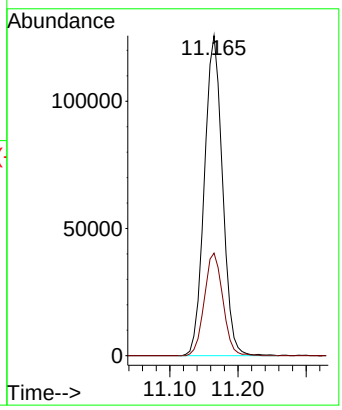




#57
1,3-Dichloropropane
Concen: 55.247 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 76 Resp: 23274

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.3	37.9



Instrument :
MSVOA_N
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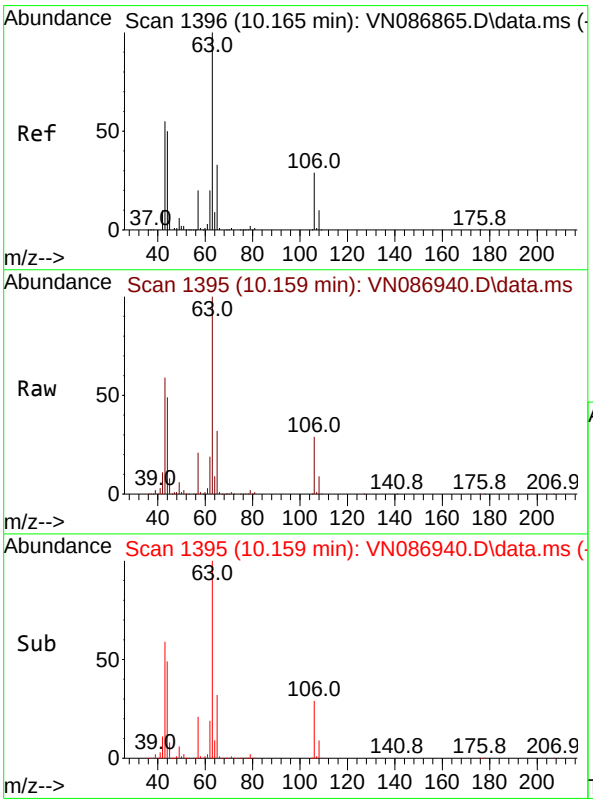
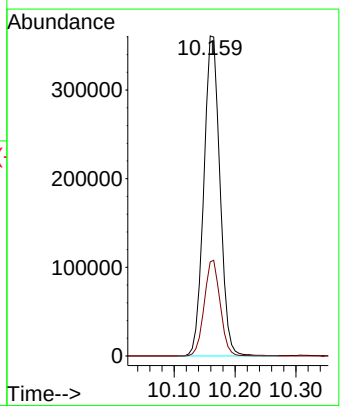
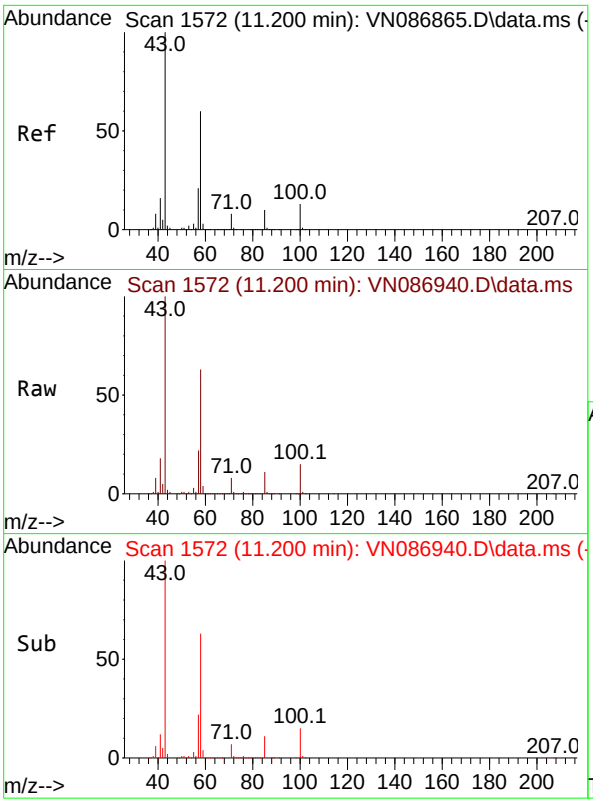


#58
2-Chloroethyl Vinyl ether
Concen: 288.579 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 63 Resp: 665780

Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.0	34.6





#59
2-Hexanone
Concen: 282.011 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 70566

Ion	Ratio	Lower	Upper
43	100		
58	63.5	30.4	91.3

Instrument :
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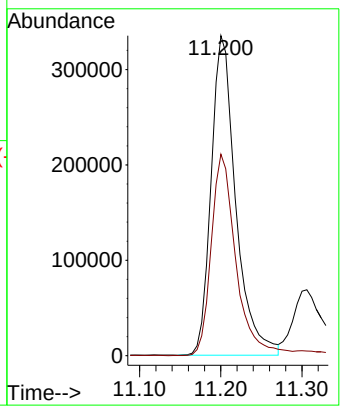
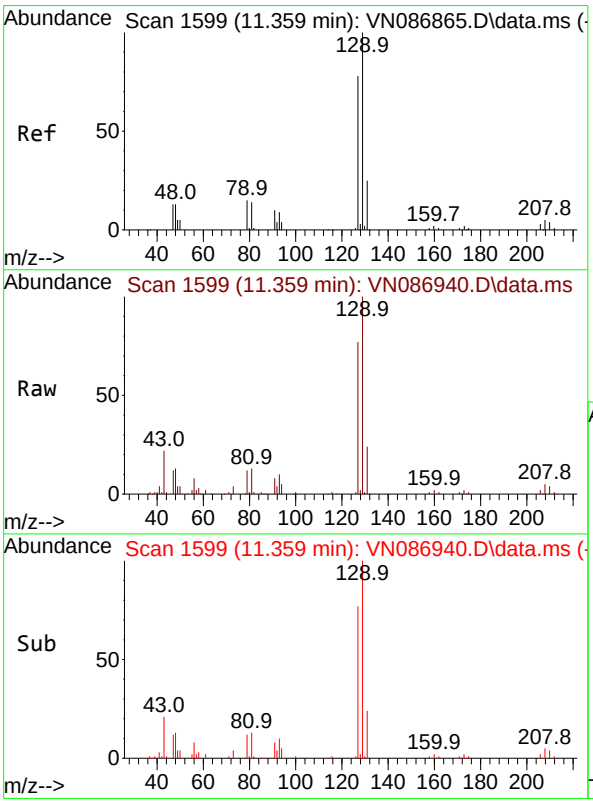
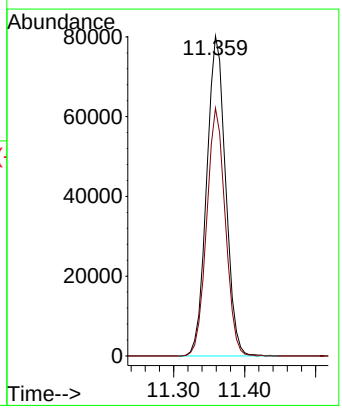


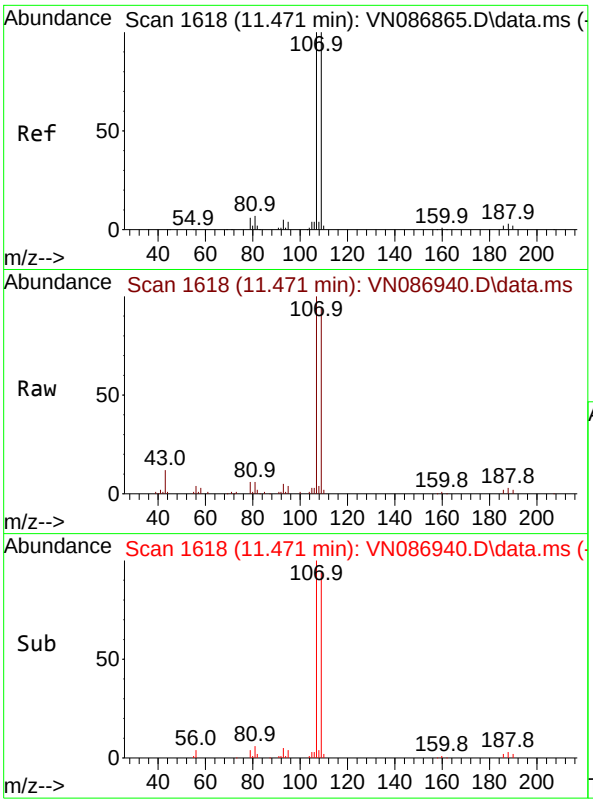


#60
Dibromochloromethane
Concen: 58.520 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:129 Resp: 148069

Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.6	115.8

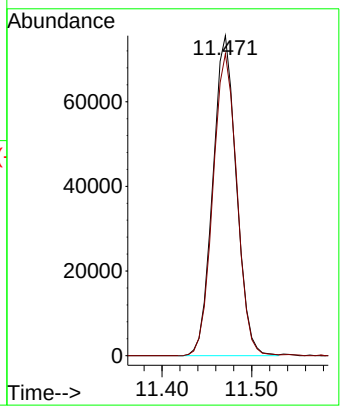




#61
1,2-Dibromoethane
Concen: 55.351 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:107 Resp: 13777

Ion	Ratio	Lower	Upper
107	100		
109	96.1	76.3	114.5



Instrument :
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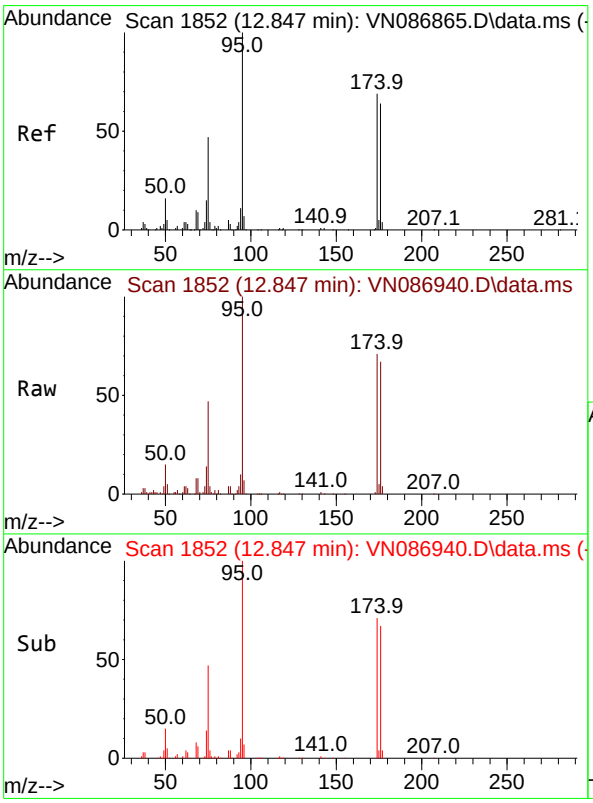
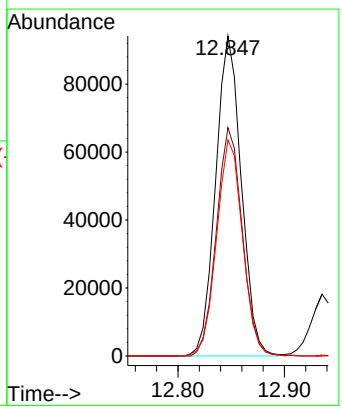
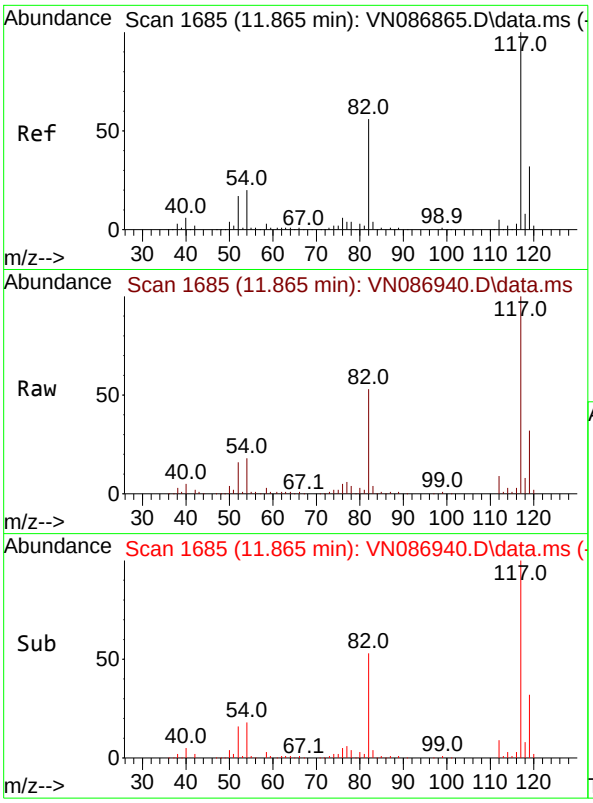


#62
4-Bromofluorobenzene
Concen: 50.489 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 95 Resp: 157388

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	141.8
176	68.2	0.0	132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:117 Resp: 31217

Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.6	67.0
119	31.8	25.5	38.3

Instrument :
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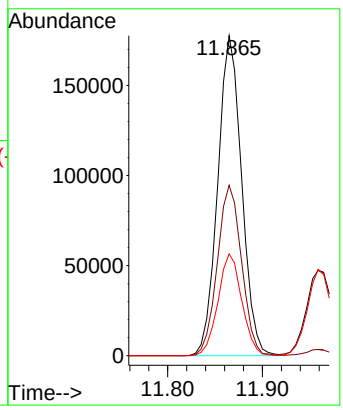
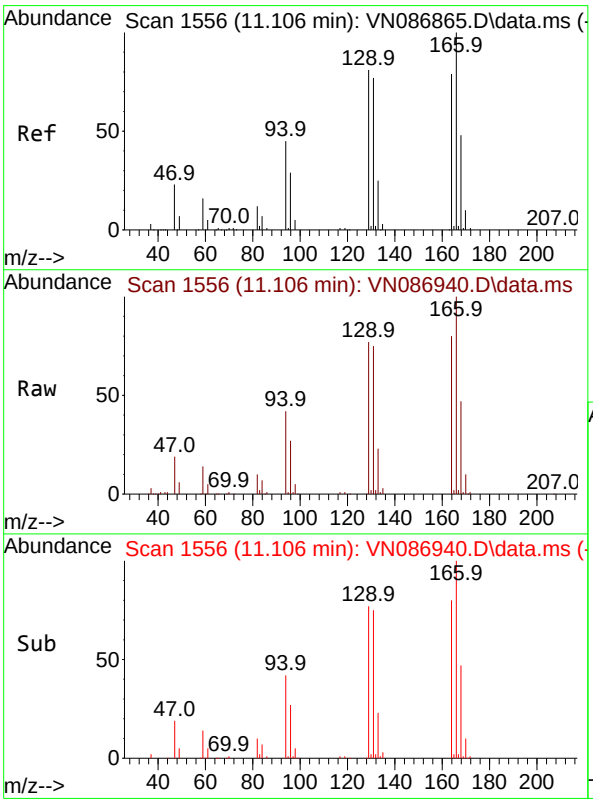
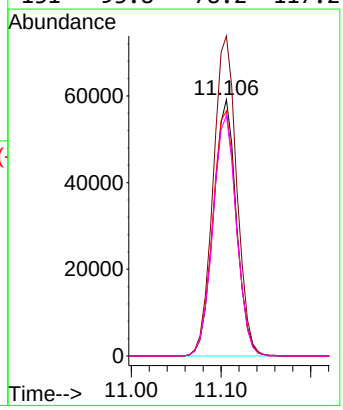


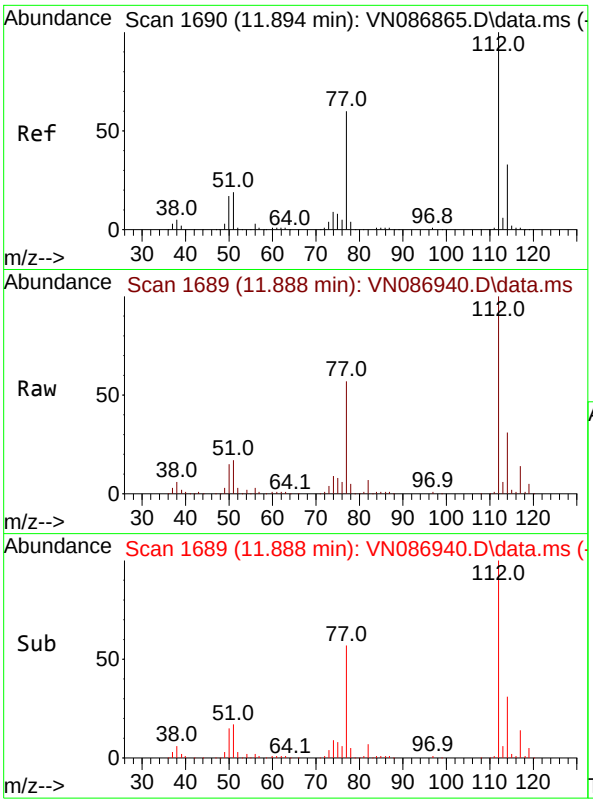


#64
Tetrachloroethene
Concen: 53.190 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:164 Resp: 105084

Ion	Ratio	Lower	Upper
164	100		
166	124.8	101.8	152.8
129	95.6	83.0	124.4
131	93.8	78.2	117.2

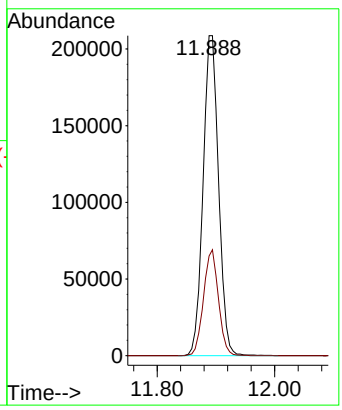




#65
Chlorobenzene
Concen: 55.424 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:112 Resp: 38159

Ion	Ratio	Lower	Upper
112	100		
114	31.1	26.2	39.2



Instrument :
MSVOA_N
ClientSampleId :
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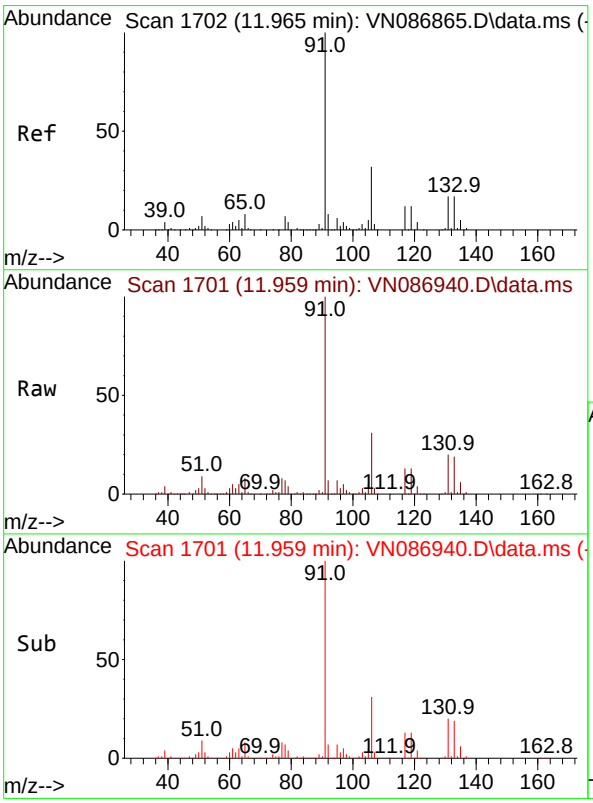
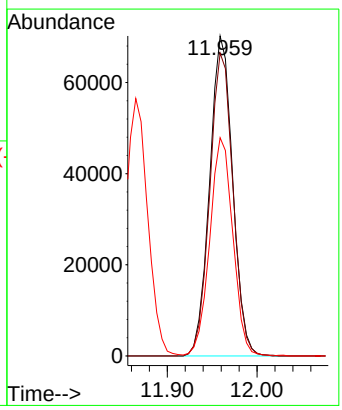
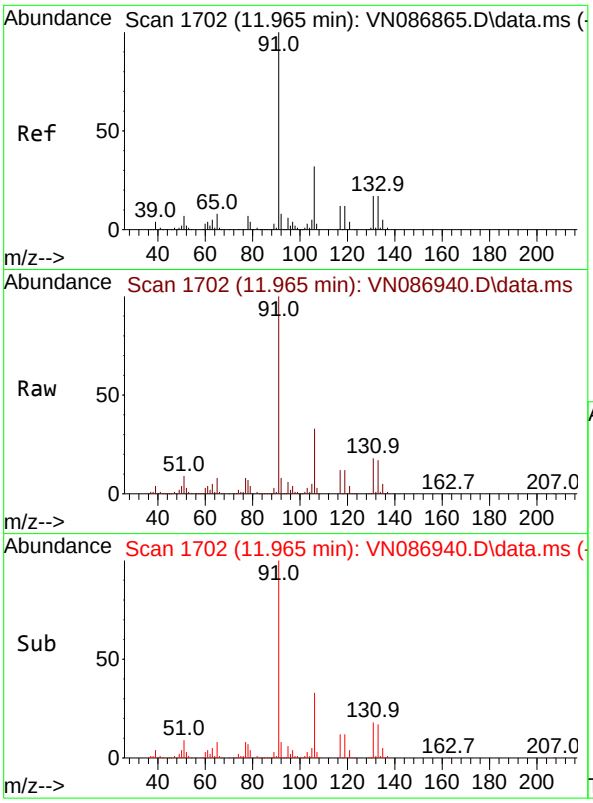


#66
1,1,1,2-Tetrachloroethane
Concen: 56.463 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:131 Resp: 124964

Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.3	144.8
119	68.5	34.0	101.8





#67
Ethyl Benzene
Concen: 54.206 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 91 Resp: 64285

Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.4	38.2

Instrument :
MSVOA_N
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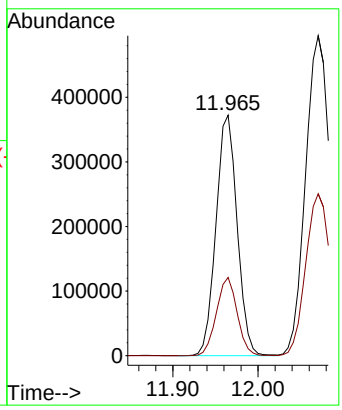
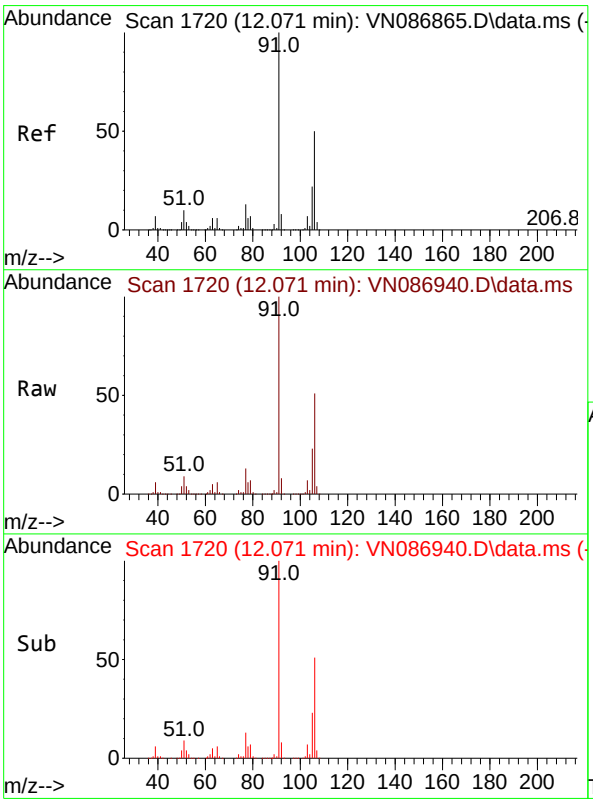
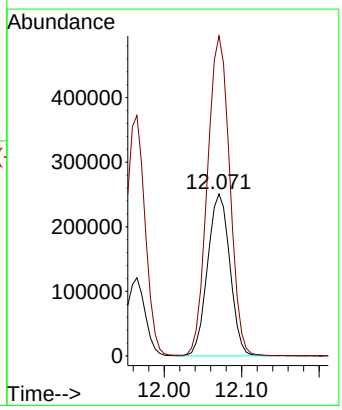


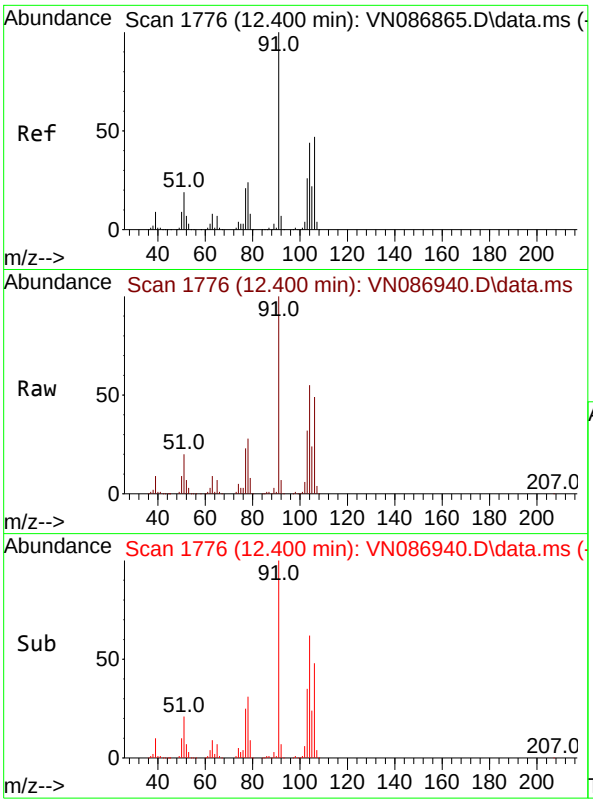


#68
m/p-Xylenes
Concen: 110.334 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:106 Resp: 500895

Ion	Ratio	Lower	Upper
106	100		
91	198.0	159.4	239.0

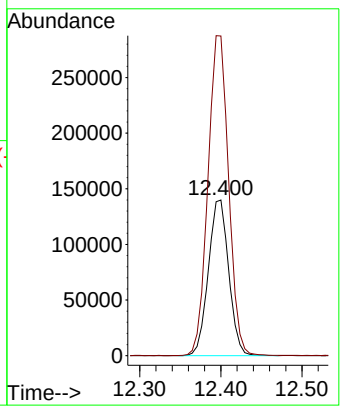




#69
o-Xylene
Concen: 56.127 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:106 Resp: 24403

Ion	Ratio	Lower	Upper
106	100		
91	208.5	106.1	318.1



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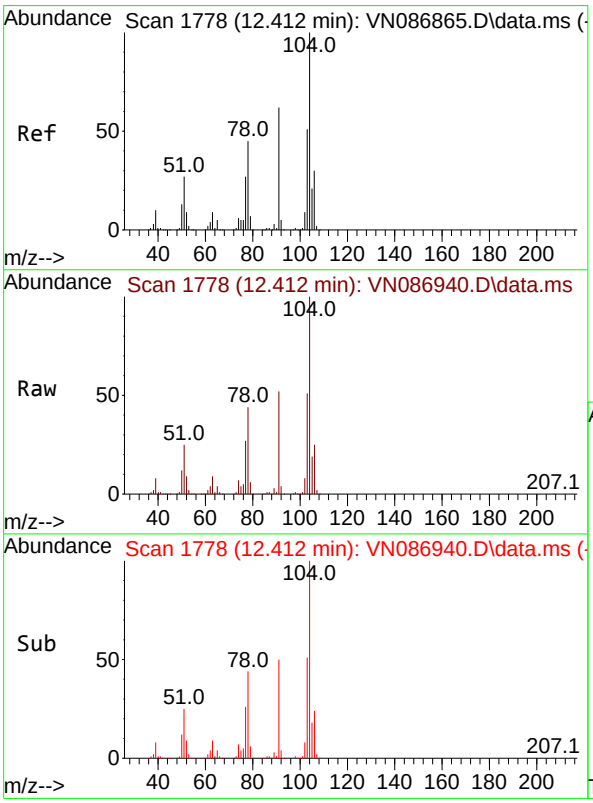
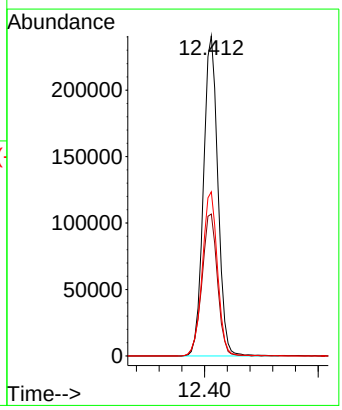
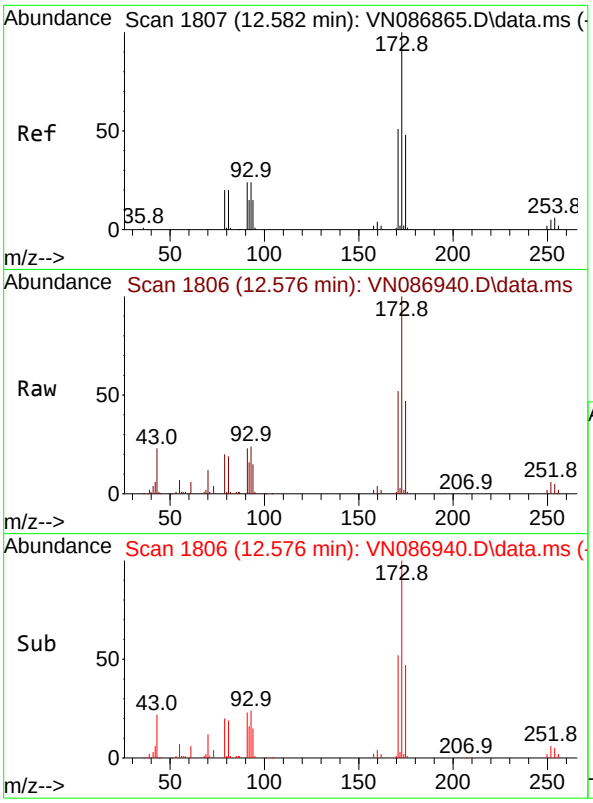


#70
Styrene
Concen: 56.996 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:104 Resp: 424060

Ion	Ratio	Lower	Upper
104	100		
78	47.4	38.5	57.7
103	53.9	43.1	64.7

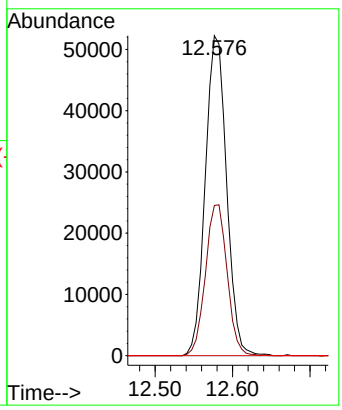




#71
Bromoform
Concen: 60.747 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:173 Resp: 9961

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.4
254	0.0	0.0	0.0



Instrument :
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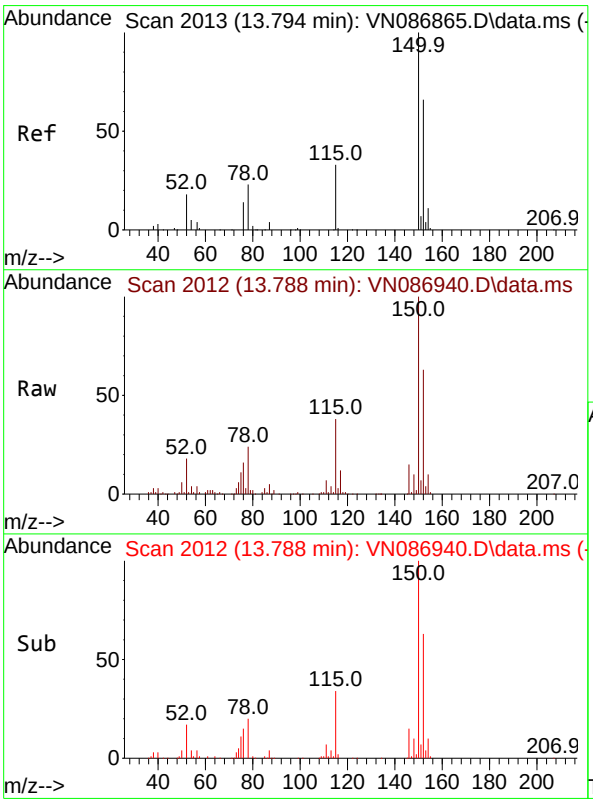
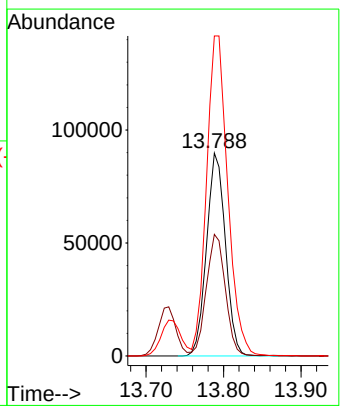
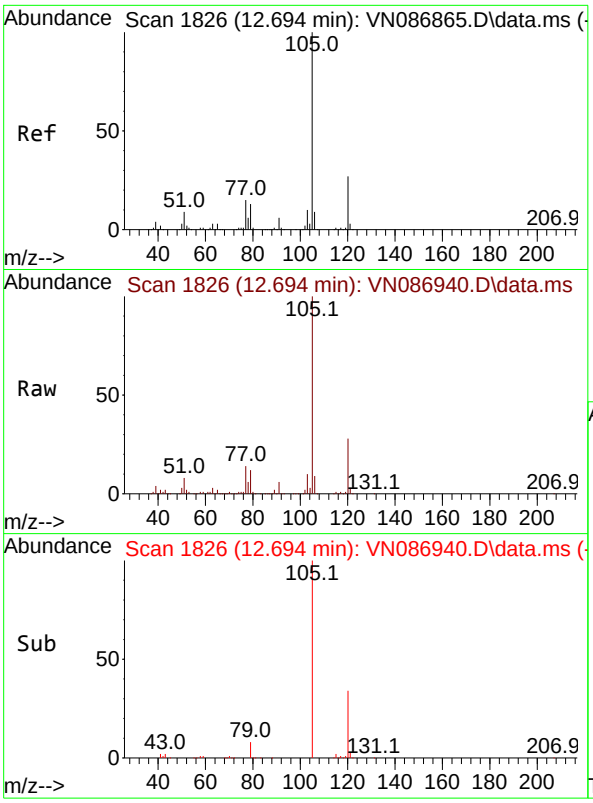


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:152 Resp: 152136

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.5
150	176.5	0.0	345.0

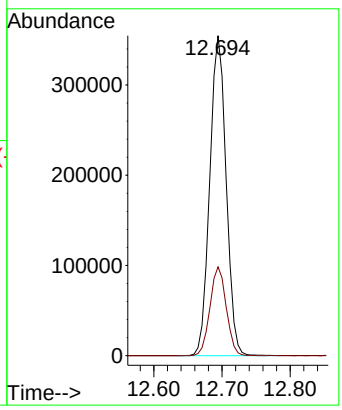




#73
Isopropylbenzene
Concen: 53.511 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:105 Resp: 59308

Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.5	40.4



Instrument :
MSVOA_N
ClientSampleId :
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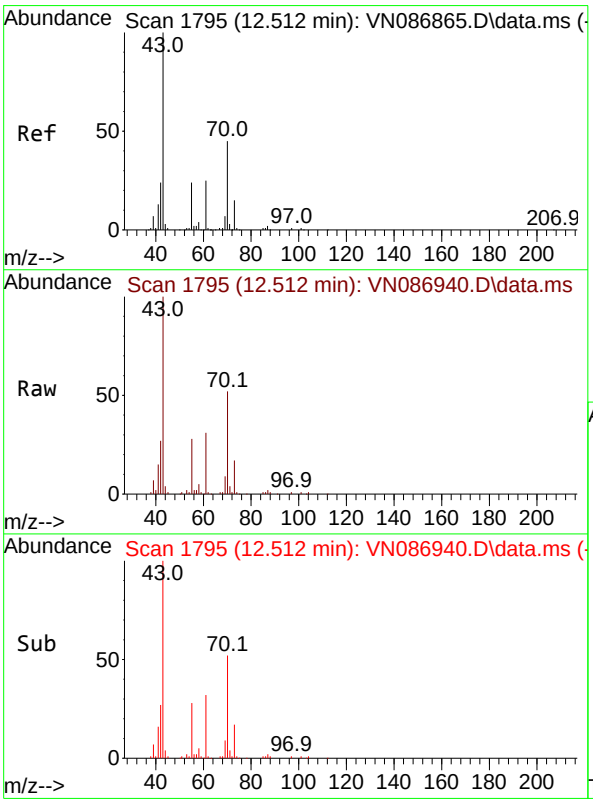
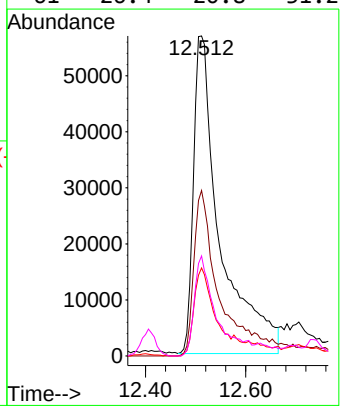
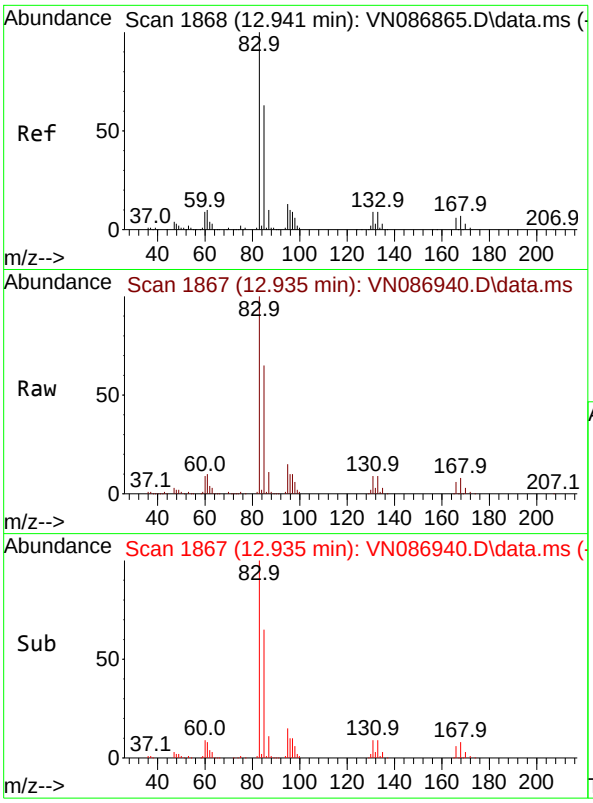


#74
N-amyl acetate
Concen: 53.765 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 208229

Ion	Ratio	Lower	Upper
43	100		
70	52.6	37.6	56.4
55	26.6	19.0	28.6
61	26.4	20.8	31.2

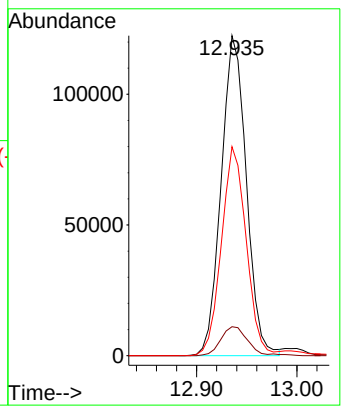




#75
1,1,2,2-Tetrachloroethane
Concen: 56.816 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 83 Resp: 21332

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.5	32.0	96.0



Instrument :
MSVOA_N
ClientSampleId :
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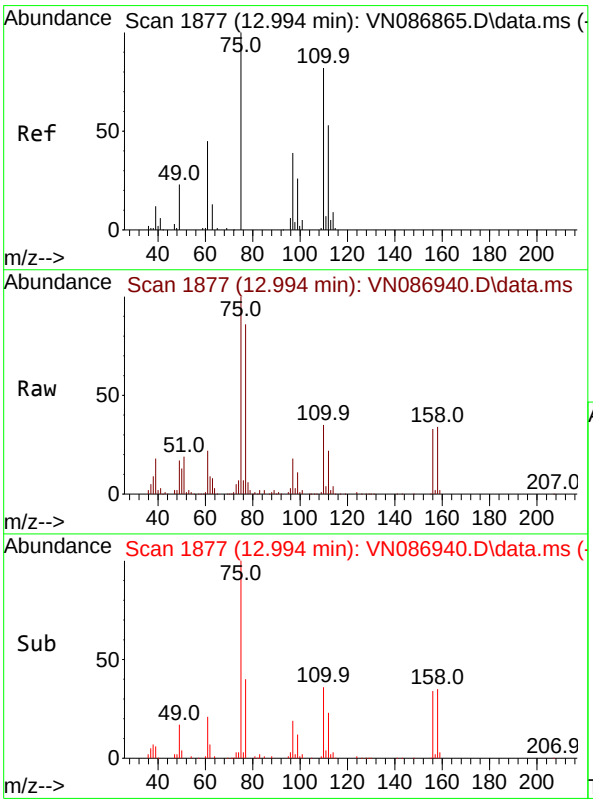
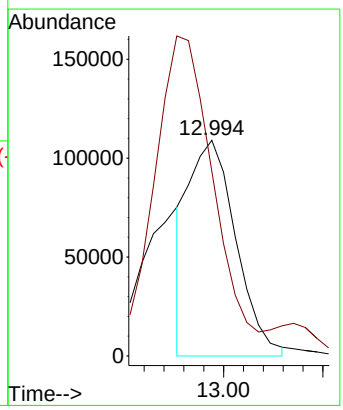
Supervised By :Semsettin Yesilyurt 06/12/2025

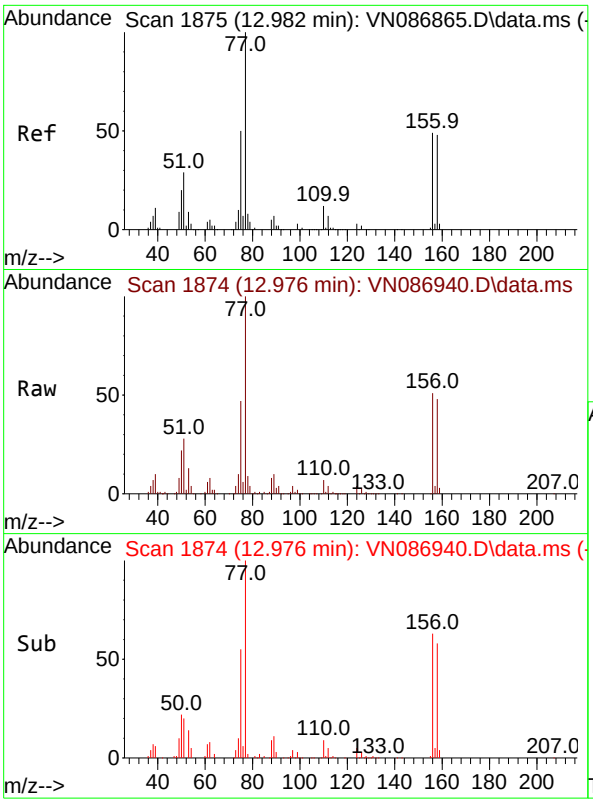


#76
1,2,3-Trichloropropane
Concen: 49.771 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 179987

Ion	Ratio	Lower	Upper
75	100		
77	187.3	79.3	237.9

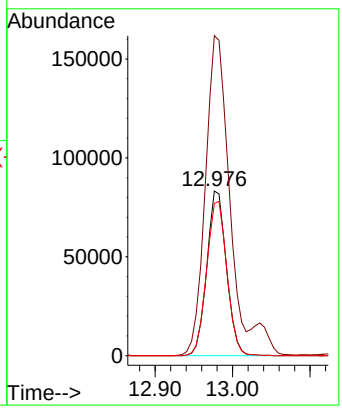




#77
Bromobenzene
Concen: 57.512 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:156 Resp: 14618

Ion	Ratio	Lower	Upper
156	100		
77	230.6	117.7	353.1
158	97.1	48.1	144.4



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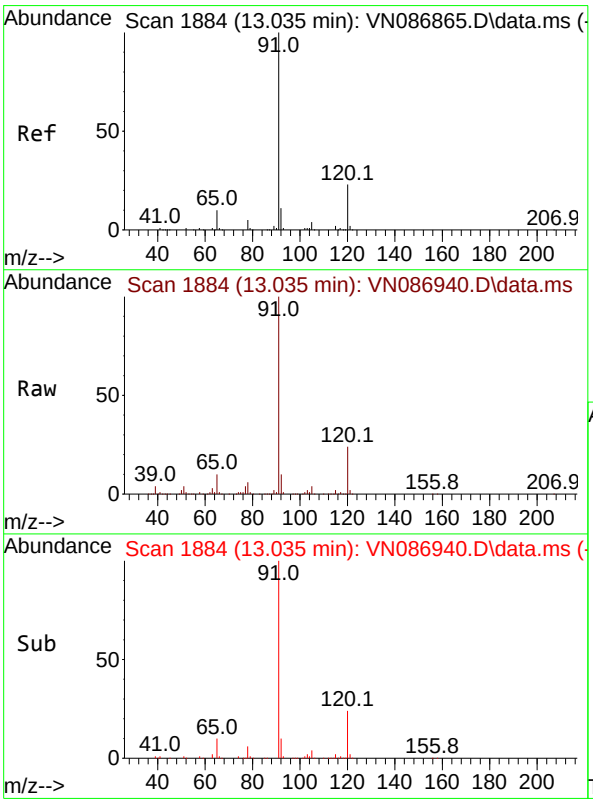
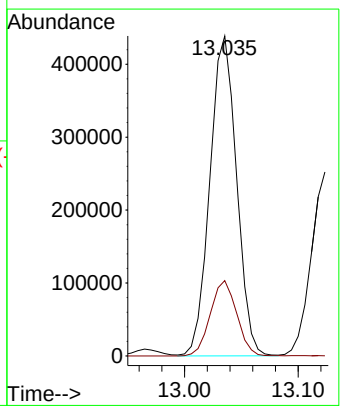
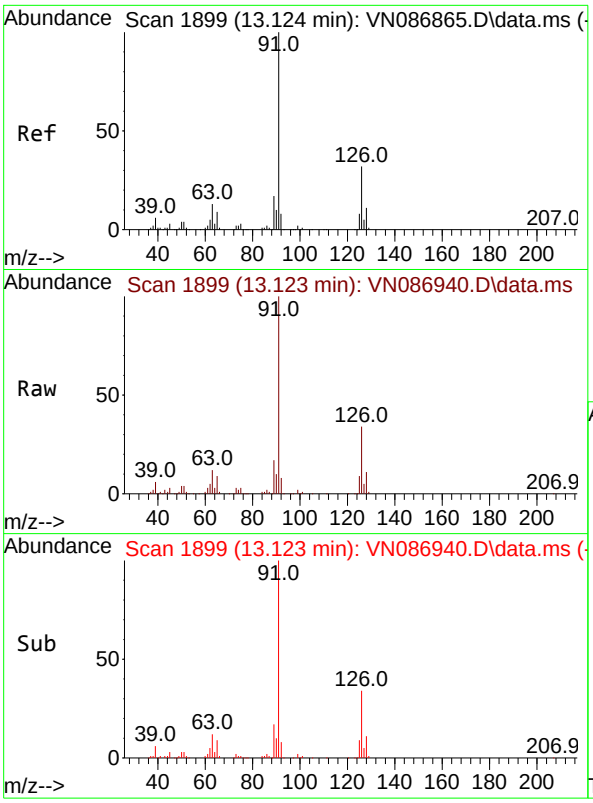


#78
n-propylbenzene
Concen: 53.234 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 91 Resp: 717012

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.4	34.2

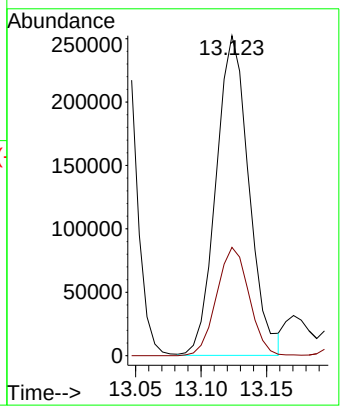




#79
2-Chlorotoluene
Concen: 54.413 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 91 Resp: 43952

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.2	48.5



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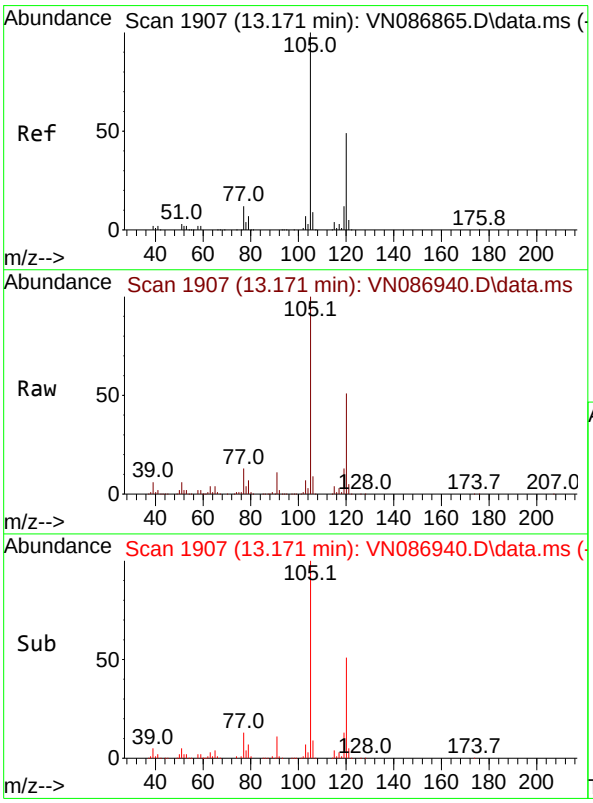
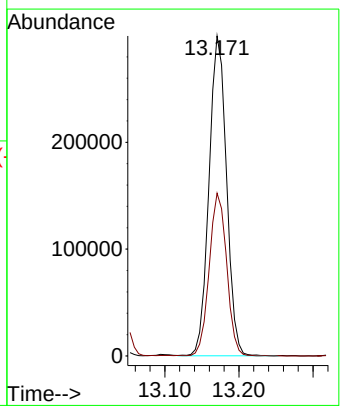
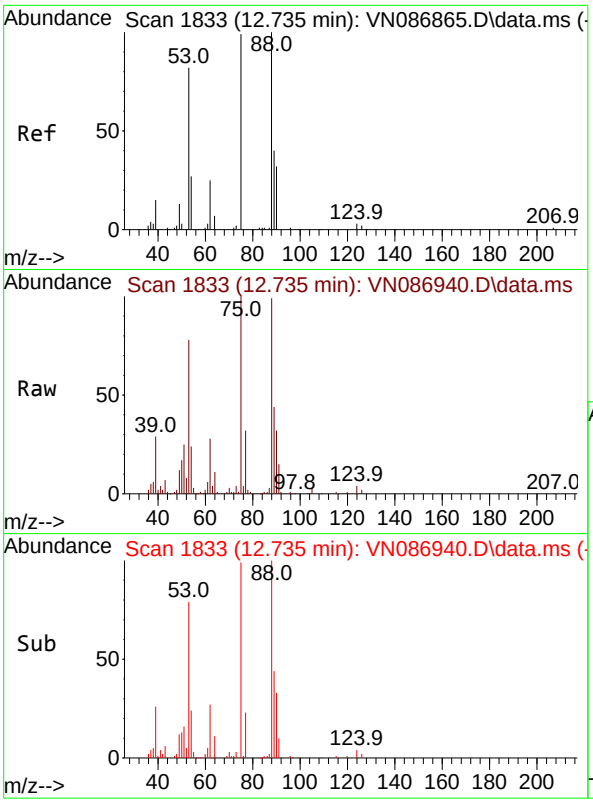


#80
1,3,5-Trimethylbenzene
Concen: 53.628 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:105 Resp: 490727

Ion	Ratio	Lower	Upper
105	100		
120	50.8	24.9	74.6

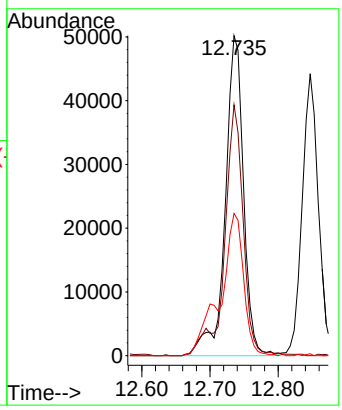




#81
trans-1,4-Dichloro-2-butene
Concen: 59.701 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 9379

Ion	Ratio	Lower	Upper
75	100		
53	74.1	66.6	99.8
89	57.1	36.7	55.1



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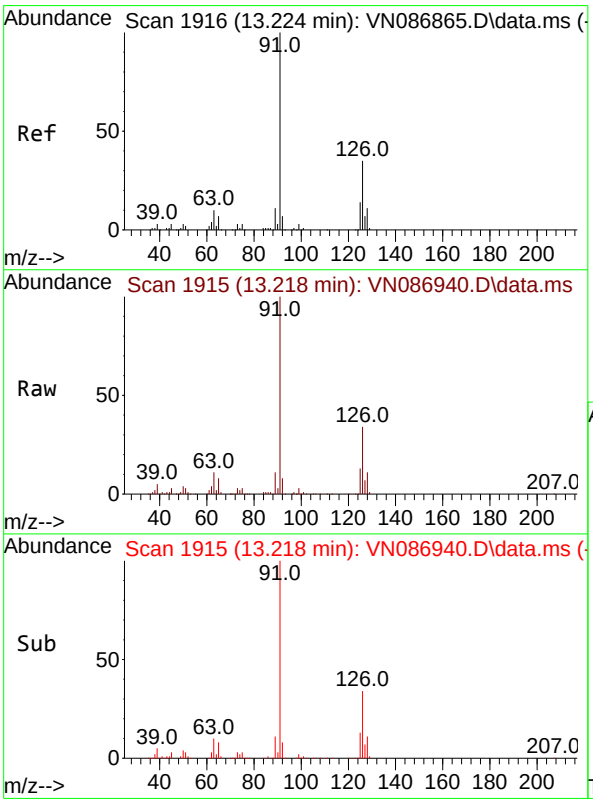
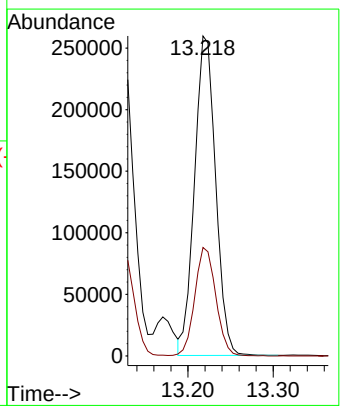
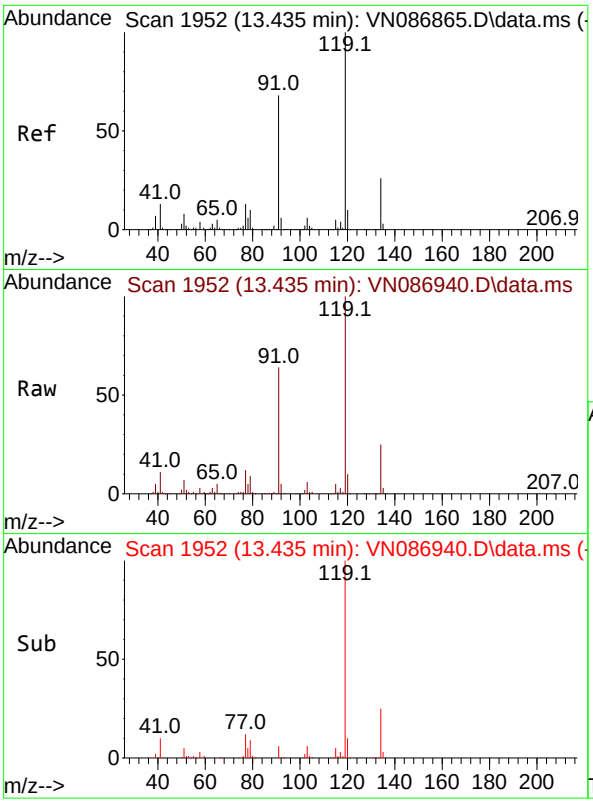


#82
4-Chlorotoluene
Concen: 54.598 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 91 Resp: 446237

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.7	50.1

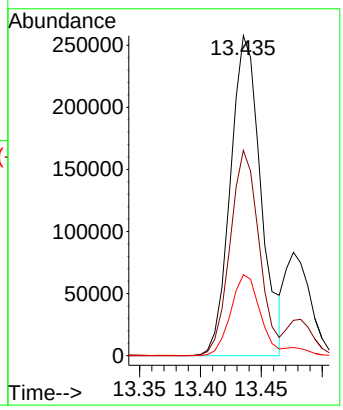




#83
tert-Butylbenzene
Concen: 53.498 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:119 Resp: 44810

Ion	Ratio	Lower	Upper
119	100		
91	61.2	32.1	96.5
134	26.3	13.4	40.1



Instrument :
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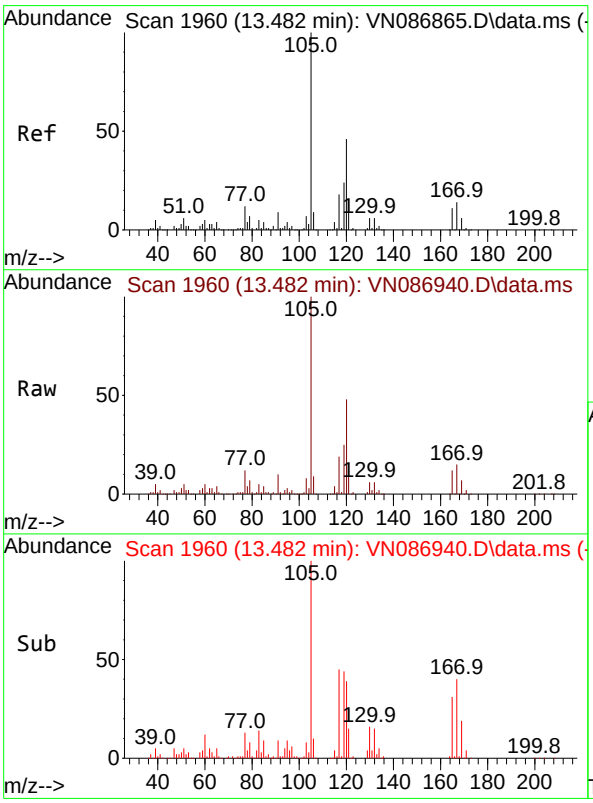
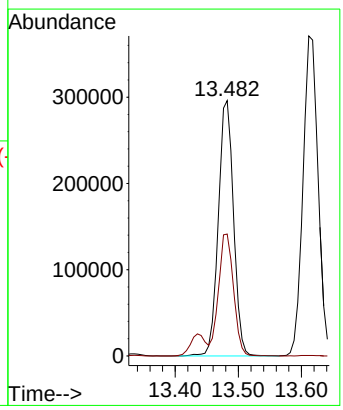
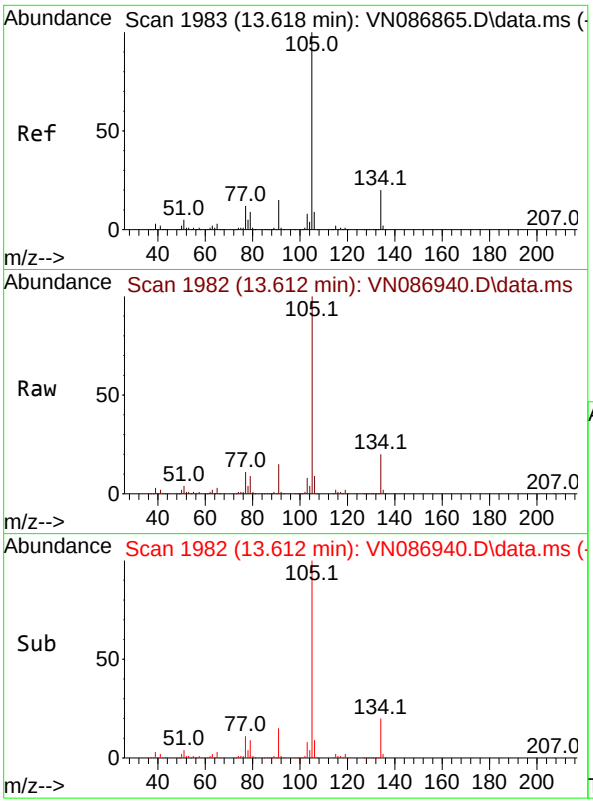


#84
1,2,4-Trimethylbenzene
Concen: 54.048 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:105 Resp: 495936

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.2	69.6





#85
sec-Butylbenzene
Concen: 50.788 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:105 Resp: 61779

Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.0	30.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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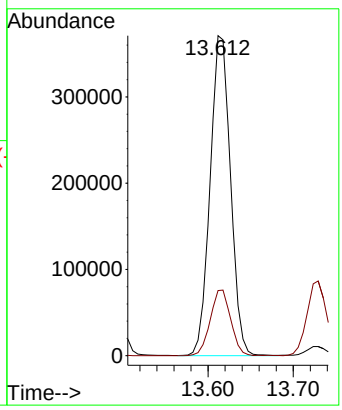
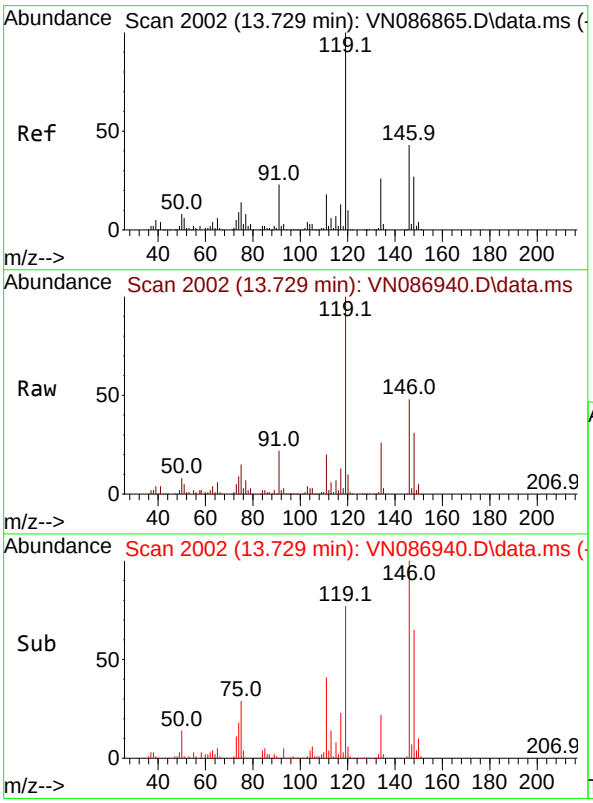
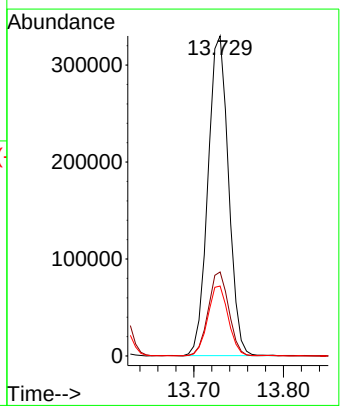


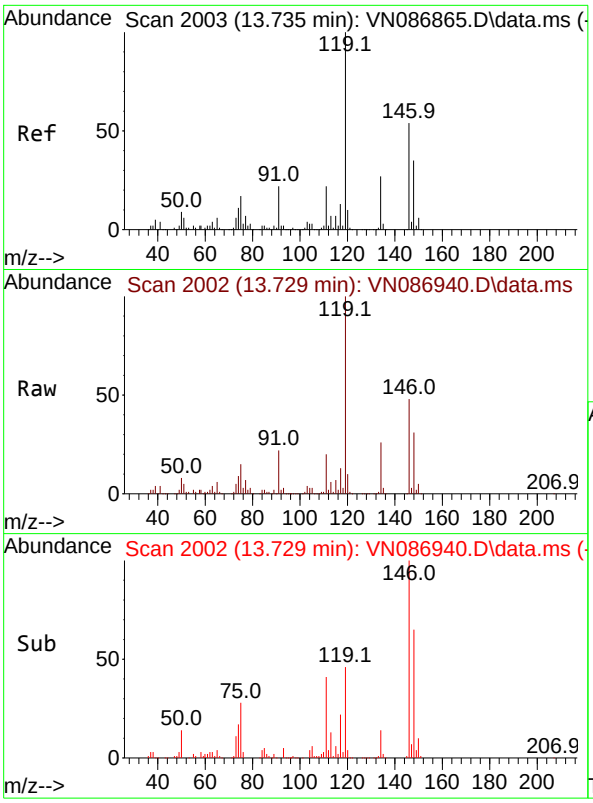


#86
p-Isopropyltoluene
Concen: 52.156 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:119 Resp: 524440

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.4
91	21.8	11.5	34.4

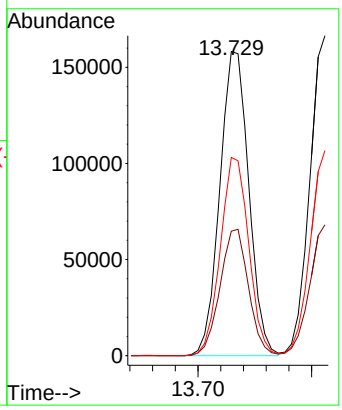




#87
1,3-Dichlorobenzene
Concen: 56.062 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:146 Resp: 28035

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.8
148	63.8	32.0	96.2



Instrument :
MSVOA_N
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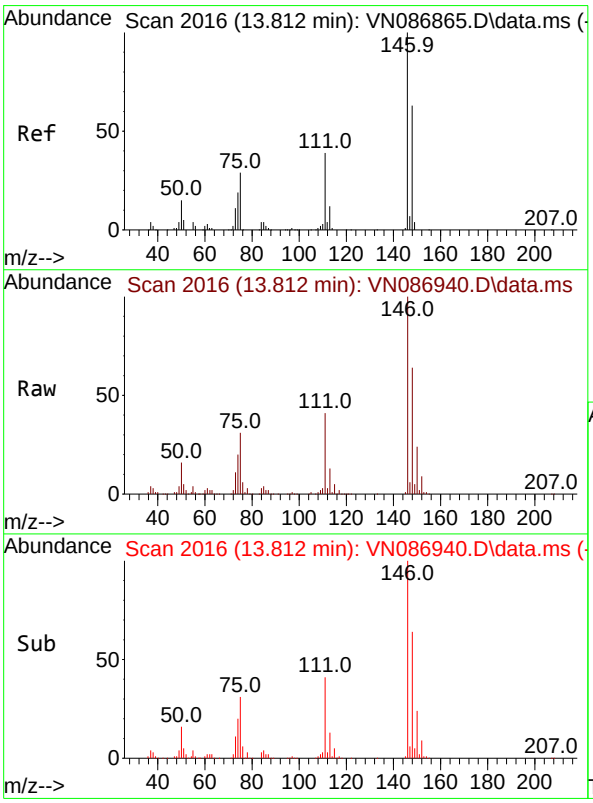
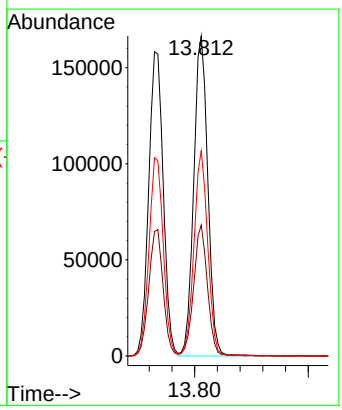
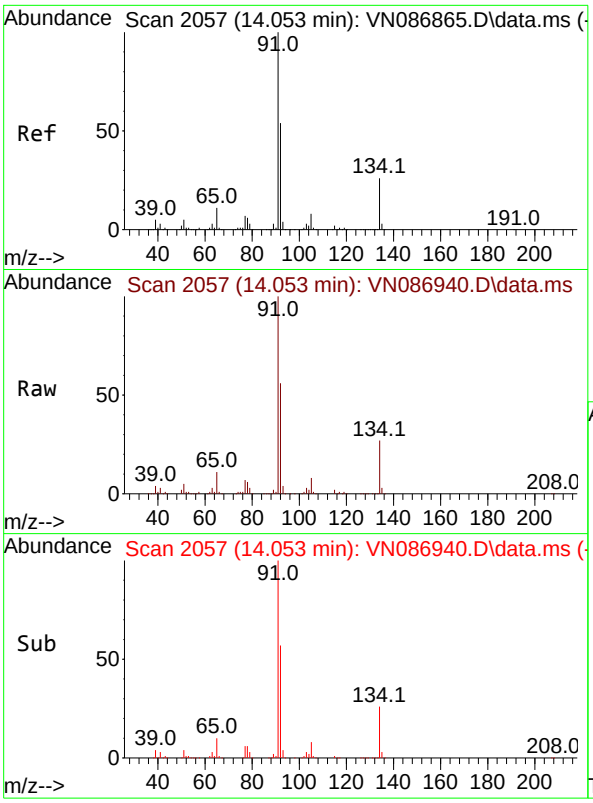


#88
1,4-Dichlorobenzene
Concen: 56.315 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:146 Resp: 287122

Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	62.7	31.8	95.4

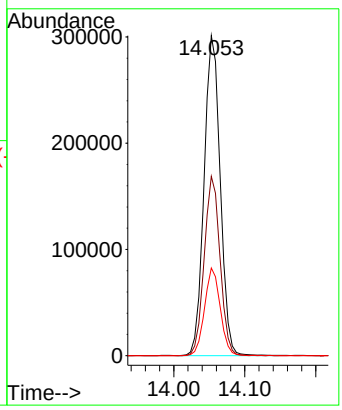




#89
n-Butylbenzene
Concen: 49.007 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 91 Resp: 47730

Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	26.6	13.0	39.0



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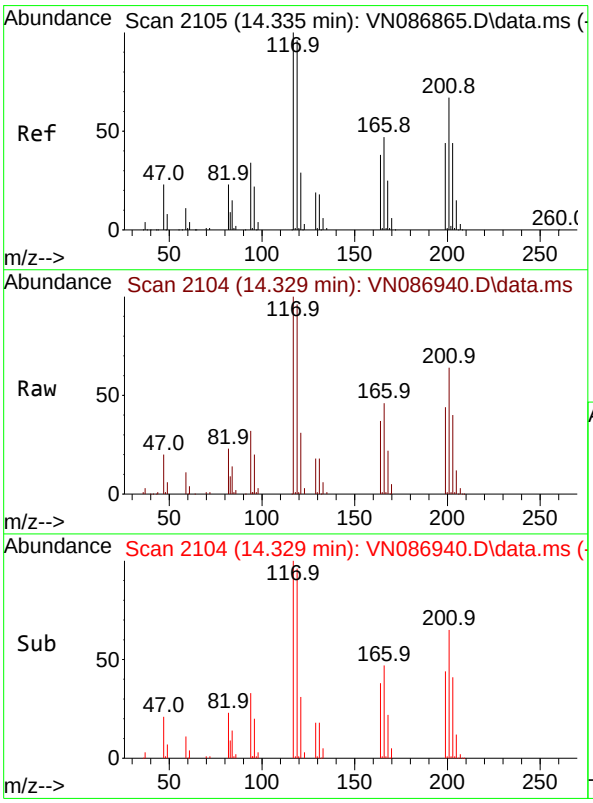
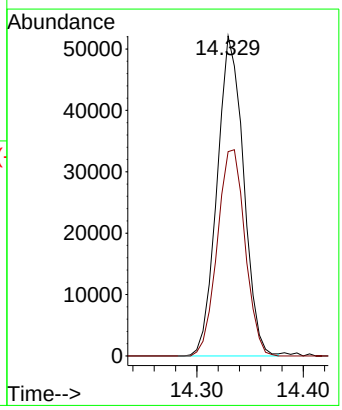
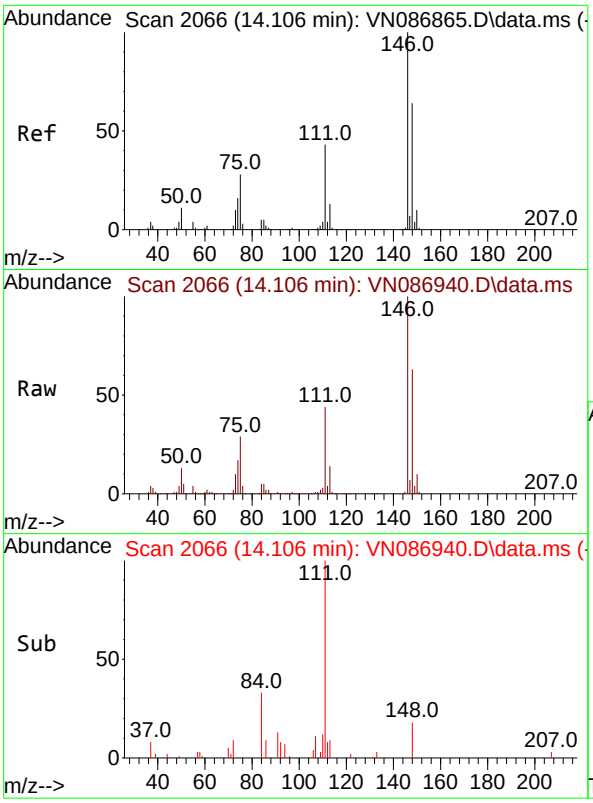


#90
Hexachloroethane
Concen: 52.738 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:117 Resp: 89886

Ion	Ratio	Lower	Upper
117	100		
201	67.6	33.2	99.6

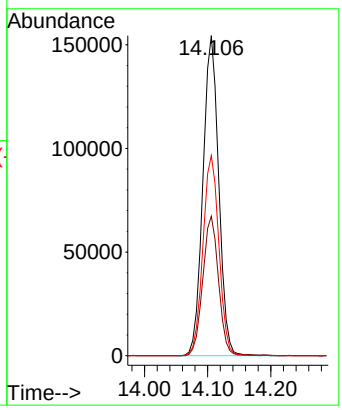




#91
1,2-Dichlorobenzene
Concen: 55.766 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:146 Resp: 26793

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.6
148	63.3	31.7	95.1



Instrument :
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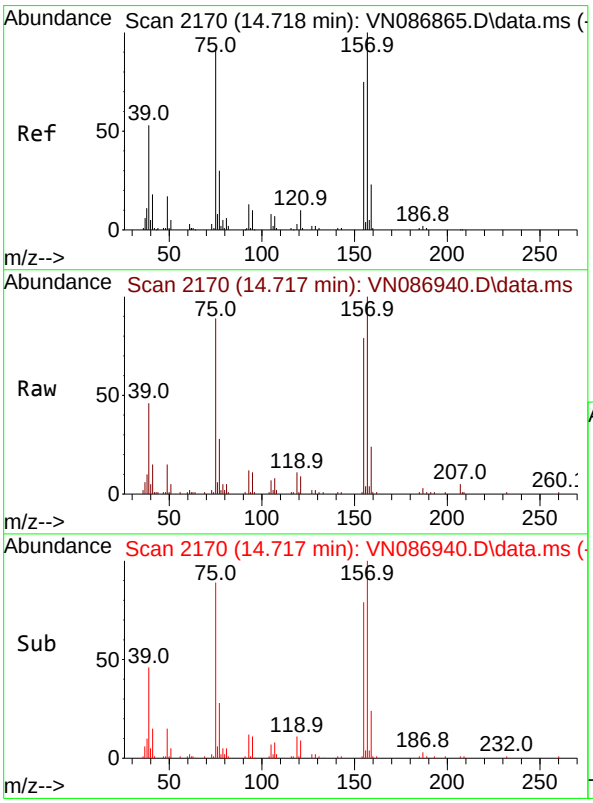
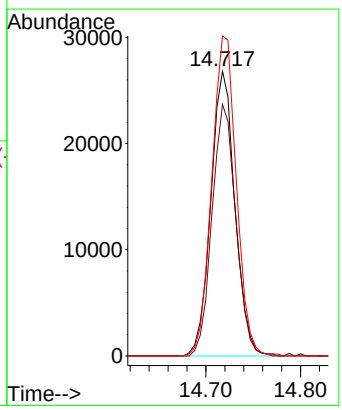
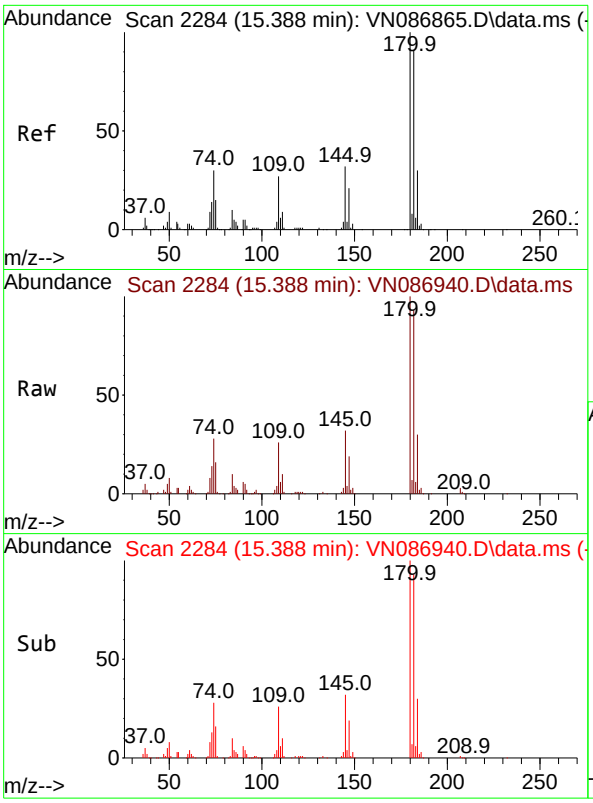


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.704 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 47326

Ion	Ratio	Lower	Upper
75	100		
155	87.3	41.1	123.4
157	114.9	52.7	158.1

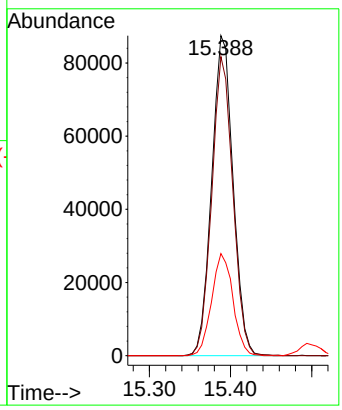




#93
1,2,4-Trichlorobenzene
Concen: 52.161 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:180 Resp: 16003

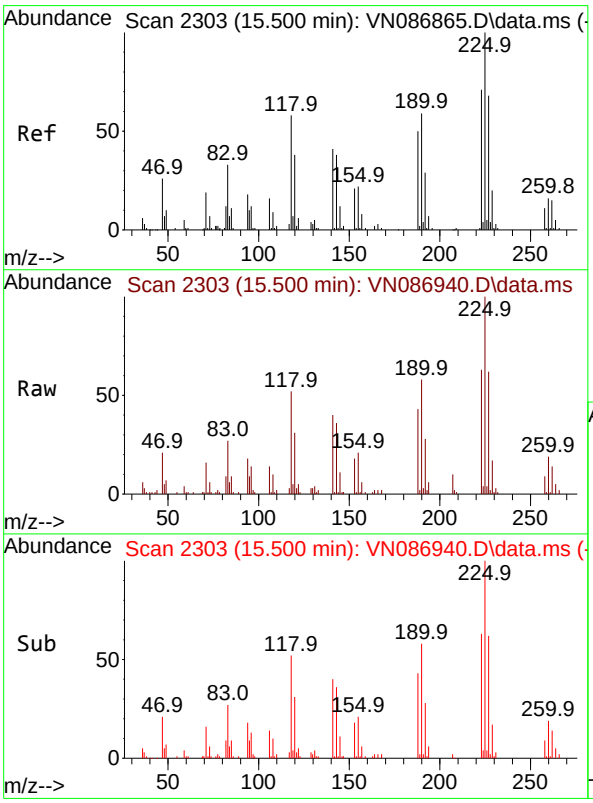
Ion	Ratio	Lower	Upper
180	100		
182	92.1	46.9	140.7
145	31.7	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

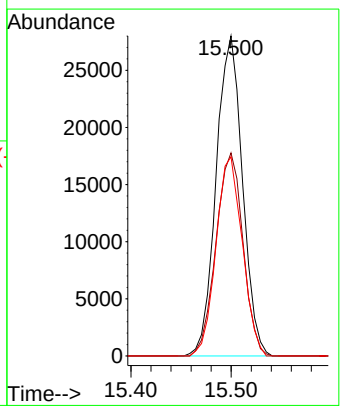
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

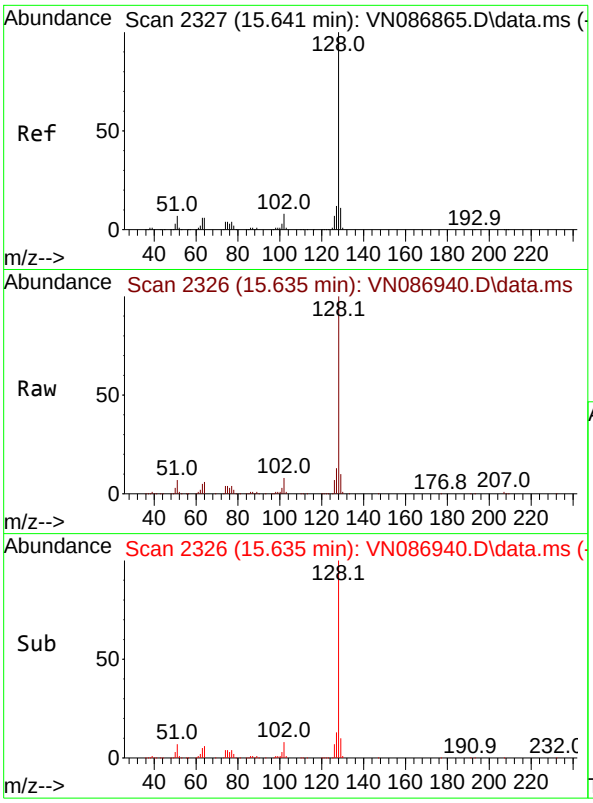


#94
Hexachlorobutadiene
Concen: 44.682 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:225 Resp: 51073

Ion	Ratio	Lower	Upper
225	100		
223	65.0	33.5	100.4
227	62.2	31.1	93.5

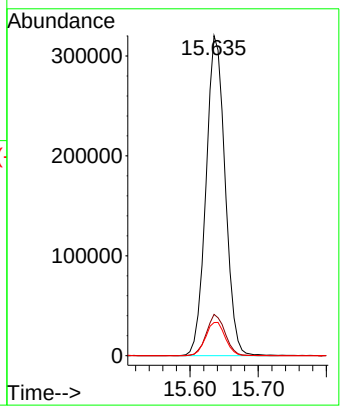




#95
Naphthalene
Concen: 54.679 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:128 Resp: 62442

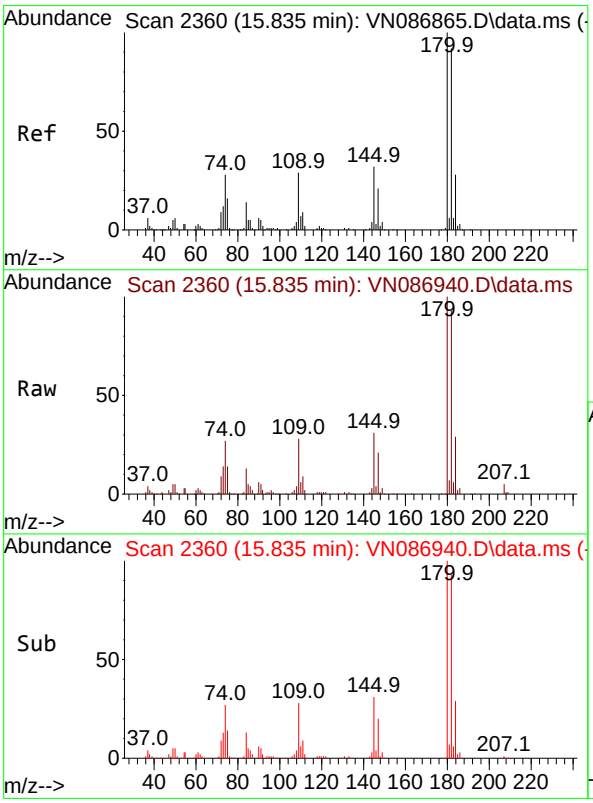
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

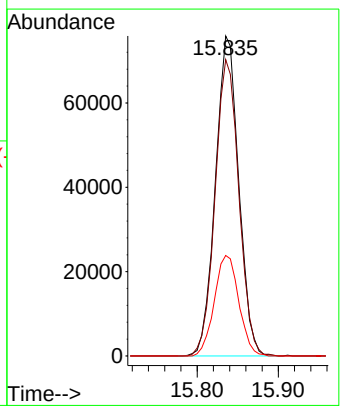
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.672 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:180 Resp: 151411

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.0	141.0
145	33.0	16.6	49.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	99	0.00
2	T	Dichlorodifluoromethane	0.499	0.538	-7.8	106	0.00
3	P	Chloromethane	0.644	0.555	13.8	92	0.00
4	C	Vinyl Chloride	0.664	0.701	-5.6#	108	0.00
5	T	Bromomethane	0.372	0.312	16.1	86	0.00
6	T	Chloroethane	0.429	0.457	-6.5	111	0.00
7	T	Trichlorofluoromethane	0.868	0.930	-7.1	110	0.00
8	T	Diethyl Ether	0.378	0.418	-10.6	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.545	0.582	-6.8	111	0.00
10	T	Methyl Iodide	0.707	0.565	20.1	82	0.01
11	T	Tert butyl alcohol	0.182	0.178	2.2	100	0.00
12	CM	1,1-Dichloroethene	0.557	0.593	-6.5#	110	0.00
13	T	Acrolein	0.057	0.066	-15.8	145	0.00
14	T	Allyl chloride	0.923	0.912	1.2	104	0.00
15	T	Acrylonitrile	0.425	0.446	-4.9	108	0.00
16	T	Acetone	0.355	0.384	-8.2	118	0.00
17	T	Carbon Disulfide	1.539	1.505	2.2	104	0.00
18	T	Methyl Acetate	1.035	1.085	-4.8	109	0.00
19	T	Methyl tert-butyl Ether	2.015	2.172	-7.8	111	0.00
20	T	Methylene Chloride	0.665	0.673	-1.2	110	0.00
21	T	trans-1,2-Dichloroethene	0.619	0.633	-2.3	110	0.00
22	T	Diisopropyl ether	1.945	2.009	-3.3	107	0.00
23	T	Vinyl Acetate	1.644	1.722	-4.7	107	0.00
24	P	1,1-Dichloroethane	1.120	1.178	-5.2	110	0.00
25	T	2-Butanone	0.577	0.568	1.6	102	0.00
26	T	2,2-Dichloropropane	0.871	1.049	-20.4	115	0.00
27	T	cis-1,2-Dichloroethene	0.740	0.793	-7.2	112	0.00
28	T	Bromochloromethane	0.550	0.578	-5.1	122	0.00
29	T	Tetrahydrofuran	0.376	0.371	1.3	102	0.00
30	C	Chloroform	1.118	1.176	-5.2#	110	0.00
31	T	Cyclohexane	1.086	1.017	6.4	100	0.00
32	T	1,1,1-Trichloroethane	0.951	0.976	-2.6	108	0.00
33	S	1,2-Dichloroethane-d4	0.669	0.622	7.0	123	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.296	0.309	-4.4	133	0.00
36	T	1,1-Dichloropropene	0.442	0.483	-9.3	109	0.00
37	T	Ethyl Acetate	0.562	0.592	-5.3	104	0.00
38	T	Carbon Tetrachloride	0.433	0.472	-9.0	109	0.00
39	T	Methylcyclohexane	0.605	0.576	4.8	95	0.00
40	TM	Benzene	1.444	1.553	-7.5	109	0.00
41	T	Methacrylonitrile	0.316	0.322	-1.9	100	0.00
42	TM	1,2-Dichloroethane	0.438	0.472	-7.8	108	0.00
43	T	Isopropyl Acetate	0.902	0.946	-4.9	105	0.00
44	TM	Trichloroethene	0.342	0.382	-11.7	110	0.00
45	C	1,2-Dichloropropane	0.351	0.384	-9.4#	109	0.00
46	T	Dibromomethane	0.233	0.265	-13.7	113	0.00
47	T	Bromodichloromethane	0.480	0.532	-10.8	110	0.00
48	T	Methyl methacrylate	0.415	0.431	-3.9	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.008	0.009	-12.5	103	0.00
50	S	Toluene-d8	1.173	1.181	-0.7	130	0.00
51	T	4-Methyl-2-Pentanone	0.543	0.590	-8.7	104	0.00
52	CM	Toluene	0.882	0.978	-10.9#	111	0.00
53	T	t-1,3-Dichloropropene	0.537	0.609	-13.4	110	0.00
54	T	cis-1,3-Dichloropropene	0.574	0.661	-15.2	113	0.00
55	T	1,1,2-Trichloroethane	0.340	0.383	-12.6	112	0.00
56	T	Ethyl methacrylate	0.541	0.647	-19.6	110	0.00
57	T	1,3-Dichloropropane	0.589	0.651	-10.5	110	0.00
58	T	2-Chloroethyl Vinyl ether	0.323	0.372	-15.2	128	0.00
59	T	2-Hexanone	0.350	0.395	-12.9	101	0.00
60	T	Dibromochloromethane	0.354	0.414	-16.9	115	0.00
61	T	1,2-Dibromoethane	0.348	0.385	-10.6	111	0.00
62	S	4-Bromofluorobenzene	0.436	0.440	-0.9	128	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64	T	Tetrachloroethene	0.316	0.337	-6.6	108	0.00
65	PM	Chlorobenzene	1.103	1.222	-10.8	112	0.00
66	T	1,1,1,2-Tetrachloroethane	0.354	0.400	-13.0	111	0.00
67	C	Ethyl Benzene	1.899	2.059	-8.4#	108	0.00
68	T	m/p-Xylenes	0.727	0.802	-10.3	107	0.00
69	T	o-Xylene	0.696	0.782	-12.4	109	0.00
70	T	Styrene	1.192	1.358	-13.9	110	0.00
71	P	Bromoform	0.263	0.319	-21.3	113	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	3.643	3.898	-7.0	103	0.00
74	T	N-amyl acetate	1.273	1.369	-7.5	98	0.00
75	P	1,1,2,2-Tetrachloroethane	1.234	1.402	-13.6	108	0.00
76	T	1,2,3-Trichloropropane	1.189	1.183	0.5	92	0.00
77	T	Bromobenzene	0.835	0.961	-15.1	110	0.00
78	T	n-propylbenzene	4.427	4.713	-6.5	102	0.00
79	T	2-Chlorotoluene	2.655	2.889	-8.8	105	0.00
80	T	1,3,5-Trimethylbenzene	3.007	3.226	-7.3	101	0.00
81	T	trans-1,4-Dichloro-2-butene	0.516	0.616	-19.4	118	0.00
82	T	4-Chlorotoluene	2.686	2.933	-9.2	105	0.00
83	T	tert-Butylbenzene	2.753	2.945	-7.0	102	0.00
84	T	1,2,4-Trimethylbenzene	3.016	3.260	-8.1	102	0.00
85	T	sec-Butylbenzene	3.998	4.061	-1.6	96	0.00
86	T	p-Isopropyltoluene	3.305	3.447	-4.3	98	0.00
87	T	1,3-Dichlorobenzene	1.644	1.843	-12.1	108	0.00
88	T	1,4-Dichlorobenzene	1.676	1.887	-12.6	109	0.00
89	T	n-Butylbenzene	3.201	3.137	2.0	93	0.00
90	T	Hexachloroethane	0.560	0.591	-5.5	100	0.00
91	T	1,2-Dichlorobenzene	1.579	1.761	-11.5	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.295	0.311	-5.4	104	0.00
93	T	1,2,4-Trichlorobenzene	1.008	1.052	-4.4	99	0.00
94	T	Hexachlorobutadiene	0.376	0.336	10.6	84	0.00
95	T	Naphthalene	3.753	4.104	-9.4	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.995	0.7	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	99	0.00
2	T	Dichlorodifluoromethane	50.000	53.916	-7.8	106	0.00
3	P	Chloromethane	50.000	43.069	13.9	92	0.00
4	C	Vinyl Chloride	50.000	52.773	-5.5#	108	0.00
5	T	Bromomethane	50.000	41.928	16.1	86	0.00
6	T	Chloroethane	50.000	53.253	-6.5	111	0.00
7	T	Trichlorofluoromethane	50.000	53.570	-7.1	110	0.00
8	T	Diethyl Ether	50.000	55.281	-10.6	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.364	-6.7	111	0.00
10	T	Methyl Iodide	50.000	39.959	20.1	82	0.01
11	T	Tert butyl alcohol	250.000	245.667	1.7	100	0.00
12	CM	1,1-Dichloroethene	50.000	53.307	-6.6#	110	0.00
13	T	Acrolein	250.000	288.340	-15.3	145	0.00
14	T	Allyl chloride	50.000	49.420	1.2	104	0.00
15	T	Acrylonitrile	250.000	262.349	-4.9	108	0.00
16	T	Acetone	250.000	270.423	-8.2	118	0.00
17	T	Carbon Disulfide	50.000	48.889	2.2	104	0.00
18	T	Methyl Acetate	50.000	52.419	-4.8	109	0.00
19	T	Methyl tert-butyl Ether	50.000	53.894	-7.8	111	0.00
20	T	Methylene Chloride	50.000	50.660	-1.3	110	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.154	-2.3	110	0.00
22	T	Diisopropyl ether	50.000	51.639	-3.3	107	0.00
23	T	Vinyl Acetate	250.000	261.960	-4.8	107	0.00
24	P	1,1-Dichloroethane	50.000	52.602	-5.2	110	0.00
25	T	2-Butanone	250.000	246.018	1.6	102	0.00
26	T	2,2-Dichloropropane	50.000	60.206	-20.4	115	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.551	-7.1	112	0.00
28	T	Bromochloromethane	50.000	52.462	-4.9	122	0.00
29	T	Tetrahydrofuran	250.000	246.502	1.4	102	0.00
30	C	Chloroform	50.000	52.589	-5.2#	110	0.00
31	T	Cyclohexane	50.000	46.846	6.3	100	0.00
32	T	1,1,1-Trichloroethane	50.000	51.307	-2.6	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.478	7.0	123	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	52.151	-4.3	133	0.00
36	T	1,1-Dichloropropene	50.000	54.664	-9.3	109	0.00
37	T	Ethyl Acetate	50.000	52.670	-5.3	104	0.00
38	T	Carbon Tetrachloride	50.000	54.485	-9.0	109	0.00
39	T	Methylcyclohexane	50.000	47.613	4.8	95	0.00
40	TM	Benzene	50.000	53.798	-7.6	109	0.00
41	T	Methacrylonitrile	50.000	51.017	-2.0	100	0.00
42	TM	1,2-Dichloroethane	50.000	53.833	-7.7	108	0.00
43	T	Isopropyl Acetate	50.000	52.442	-4.9	105	0.00
44	TM	Trichloroethene	50.000	55.842	-11.7	110	0.00
45	C	1,2-Dichloropropane	50.000	54.626	-9.3#	109	0.00
46	T	Dibromomethane	50.000	56.697	-13.4	113	0.00
47	T	Bromodichloromethane	50.000	55.440	-10.9	110	0.00
48	T	Methyl methacrylate	50.000	51.898	-3.8	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1128.409	-12.8	103	0.00
50	S	Toluene-d8	50.000	50.342	-0.7	130	0.00
51	T	4-Methyl-2-Pentanone	250.000	271.529	-8.6	104	0.00
52	CM	Toluene	50.000	55.435	-10.9#	111	0.00
53	T	t-1,3-Dichloropropene	50.000	56.714	-13.4	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.518	-15.0	113	0.00
55	T	1,1,2-Trichloroethane	50.000	56.454	-12.9	112	0.00
56	T	Ethyl methacrylate	50.000	59.778	-19.6	110	0.00
57	T	1,3-Dichloropropane	50.000	55.247	-10.5	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	288.579	-15.4	128	0.00
59	T	2-Hexanone	250.000	282.011	-12.8	101	0.00
60	T	Dibromochloromethane	50.000	58.520	-17.0	115	0.00
61	T	1,2-Dibromoethane	50.000	55.351	-10.7	111	0.00
62	S	4-Bromofluorobenzene	50.000	50.489	-1.0	128	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	53.190	-6.4	108	0.00
65	PM	Chlorobenzene	50.000	55.424	-10.8	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.463	-12.9	111	0.00
67	C	Ethyl Benzene	50.000	54.206	-8.4#	108	0.00
68	T	m/p-Xylenes	100.000	110.334	-10.3	107	0.00
69	T	o-Xylene	50.000	56.127	-12.3	109	0.00
70	T	Styrene	50.000	56.996	-14.0	110	0.00
71	P	Bromoform	50.000	60.747	-21.5	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	53.511	-7.0	103	0.00
74	T	N-amyl acetate	50.000	53.765	-7.5	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.816	-13.6	108	0.00
76	T	1,2,3-Trichloropropane	50.000	49.771	0.5	92	0.00
77	T	Bromobenzene	50.000	57.512	-15.0	110	0.00
78	T	n-propylbenzene	50.000	53.234	-6.5	102	0.00
79	T	2-Chlorotoluene	50.000	54.413	-8.8	105	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.628	-7.3	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.701	-19.4	118	0.00
82	T	4-Chlorotoluene	50.000	54.598	-9.2	105	0.00
83	T	tert-Butylbenzene	50.000	53.498	-7.0	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.048	-8.1	102	0.00
85	T	sec-Butylbenzene	50.000	50.788	-1.6	96	0.00
86	T	p-Isopropyltoluene	50.000	52.156	-4.3	98	0.00
87	T	1,3-Dichlorobenzene	50.000	56.062	-12.1	108	0.00
88	T	1,4-Dichlorobenzene	50.000	56.315	-12.6	109	0.00
89	T	n-Butylbenzene	50.000	49.007	2.0	93	0.00
90	T	Hexachloroethane	50.000	52.738	-5.5	100	0.00
91	T	1,2-Dichlorobenzene	50.000	55.766	-11.5	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.704	-5.4	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.161	-4.3	99	0.00
94	T	Hexachlorobutadiene	50.000	44.682	10.6	84	0.00
95	T	Naphthalene	50.000	54.679	-9.4	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.672	0.7	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 21:23

Lab File ID: VN086965.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.644	0.581	0.1	-9.78	50
Vinyl Chloride	0.664	0.712		7.23	50
Bromomethane	0.372	0.246		-33.87	50
Chloroethane	0.429	0.477		11.19	50
Trichlorofluoromethane	0.868	0.969		11.64	50
1,1,2-Trichlorotrifluoroethane	0.545	0.587		7.71	50
1,1-Dichloroethene	0.557	0.599		7.54	50
Acetone	0.355	0.373		5.07	50
Carbon Disulfide	1.539	1.513		-1.75	50
Methyl tert-butyl Ether	2.015	2.289		13.6	50
Methylene Chloride	0.665	0.707		6.32	50
trans-1,2-Dichloroethene	0.619	0.653		5.49	50
1,1-Dichloroethane	1.120	1.255	0.1	12.05	50
2-Butanone	0.577	0.628		8.84	50
Carbon Tetrachloride	0.433	0.462		6.7	50
cis-1,2-Dichloroethene	0.740	0.824		11.35	50
Chloroform	1.118	1.234		10.38	50
1,1,1-Trichloroethane	0.951	1.024		7.68	50
Methylcyclohexane	0.605	0.540		-10.74	50
Benzene	1.444	1.551		7.41	50
1,2-Dichloroethane	0.438	0.472		7.76	50
Trichloroethene	0.342	0.366		7.02	50
1,2-Dichloropropane	0.351	0.381		8.55	50
Bromodichloromethane	0.480	0.537		11.88	50
4-Methyl-2-Pentanone	0.543	0.610		12.34	50
Toluene	0.882	0.953		8.05	50
t-1,3-Dichloropropene	0.537	0.588		9.5	50
cis-1,3-Dichloropropene	0.574	0.623		8.54	50
1,1,2-Trichloroethane	0.340	0.379		11.47	50
2-Hexanone	0.350	0.405		15.71	50
Dibromochloromethane	0.354	0.407		14.97	50
Tetrachloroethene	0.316	0.320		1.27	50
Chlorobenzene	1.103	1.173	0.3	6.35	50
Ethyl Benzene	1.900	2.012		5.89	50
m/p-Xylenes	0.727	0.775		6.6	50
o-Xylene	0.696	0.766		10.06	50
Styrene	1.192	1.318		10.57	50
Bromoform	0.263	0.313	0.1	19.01	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 21:23

Lab File ID: VN086965.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	3.643	3.761		3.24	50
1,1,2,2-Tetrachloroethane	1.234	1.414	0.3	14.59	50
1,3-Dichlorobenzene	1.644	1.784		8.52	50
1,4-Dichlorobenzene	1.676	1.781		6.26	50
1,2-Dichlorobenzene	1.579	1.721		8.99	50
1,2-Dichloroethane-d4	0.669	0.697		4.18	50
Dibromofluoromethane	0.296	0.314		6.08	50
Toluene-d8	1.173	1.171		-0.17	50
4-Bromofluorobenzene	0.436	0.449		2.98	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	8.235	168	177574	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	326287	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286630	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142002	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.588	65	123795	52.069 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.140%		
35) Dibromofluoromethane	8.177	113	102484	53.000 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.000%		
50) Toluene-d8	10.571	98	382080	49.914 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.820%		
62) 4-Bromofluorobenzene	12.847	95	146464	51.499 ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.000%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.153	85	97946	55.320 ug/l	98
3) Chloromethane	2.395	50	103222	45.148 ug/l	99
4) Vinyl Chloride	2.553	62	126441	53.612 ug/l	100
5) Bromomethane	2.983	94	43618	33.049 ug/l	94
6) Chloroethane	3.147	64	84712	55.606 ug/l	97
7) Trichlorofluoromethane	3.524	101	172024	55.827 ug/l	99
8) Diethyl Ether	3.983	74	75627	56.330 ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.400	101	104252	53.851 ug/l	99
10) Methyl Iodide	4.606	142	46802	18.649 ug/l	98
11) Tert butyl alcohol	5.547	59	180885	280.391 ug/l	99
12) 1,1-Dichloroethene	4.365	96	106380	53.824 ug/l	96
13) Acrolein	4.200	56	152464	746.633 ug/l	100
14) Allyl chloride	5.047	41	166911	50.921 ug/l	97
15) Acrylonitrile	5.741	53	422921	280.476 ug/l	100
16) Acetone	4.447	43	331168	262.661 ug/l	100
17) Carbon Disulfide	4.736	76	268580	49.127 ug/l	99
18) Methyl Acetate	5.047	43	214312	58.328 ug/l	99
19) Methyl tert-butyl Ether	5.818	73	406405	56.790 ug/l	99
20) Methylene Chloride	5.300	84	125496	53.166 ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	115879	52.697 ug/l	95
22) Diisopropyl ether	6.688	45	382028	55.291 ug/l	99
23) Vinyl Acetate	6.618	43	1623707	278.142 ug/l	99
24) 1,1-Dichloroethane	6.588	63	222894	56.057 ug/l	99
25) 2-Butanone	7.494	43	557966	272.256 ug/l	97
26) 2,2-Dichloropropane	7.500	77	149440	48.315 ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	146360	55.654 ug/l	97
28) Bromochloromethane	7.824	49	111849	57.211 ug/l	98
29) Tetrahydrofuran	7.853	42	361046	270.436 ug/l	97
30) Chloroform	7.977	83	219091	55.175 ug/l	97
31) Cyclohexane	8.265	56	181510	47.071 ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	181857	53.846 ug/l	99
36) 1,1-Dichloropropene	8.377	75	153059	53.121 ug/l	99
37) Ethyl Acetate	7.571	43	196171	53.483 ug/l	99
38) Carbon Tetrachloride	8.371	117	150782	53.303 ug/l	96
39) Methylcyclohexane	9.606	83	176079	44.605 ug/l	97
40) Benzene	8.612	78	505922	53.695 ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	112567	54.646	ug/l		97
42) 1,2-Dichloroethane	8.677	62	153959	53.873	ug/l		100
43) Isopropyl Acetate	8.694	43	317059	53.857	ug/l		99
44) Trichloroethene	9.359	130	119433	53.458	ug/l		98
45) 1,2-Dichloropropane	9.624	63	124231	54.196	ug/l		100
46) Dibromomethane	9.712	93	85919	56.431	ug/l		99
47) Bromodichloromethane	9.894	83	175093	55.894	ug/l		99
48) Methyl methacrylate	9.682	41	143734	53.046	ug/l		98
49) 1,4-Dioxane	9.706	88	58859	1194.044	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.447	43	995984	281.028	ug/l		99
52) Toluene	10.629	92	310797	53.976	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	191765	54.745	ug/l		96
54) cis-1,3-Dichloropropene	10.318	75	203300	54.242	ug/l		97
55) 1,1,2-Trichloroethane	11.018	97	123723	55.842	ug/l		98
56) Ethyl methacrylate	10.882	69	209075	59.246	ug/l		96
57) 1,3-Dichloropropane	11.165	76	212617	55.319	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	621634	295.338	ug/l		100
59) 2-Hexanone	11.200	43	661460	289.751	ug/l		94
60) Dibromochloromethane	11.359	129	132918	57.580	ug/l		100
61) 1,2-Dibromoethane	11.470	107	127444	56.119	ug/l		98
64) Tetrachloroethene	11.106	164	91667	50.534	ug/l		95
65) Chlorobenzene	11.894	112	336350	53.206	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	113463	55.835	ug/l		100
67) Ethyl Benzene	11.965	91	576593	52.952	ug/l		100
68) m/p-Xylenes	12.070	106	444183	106.561	ug/l		100
69) o-Xylene	12.400	106	219424	54.963	ug/l		98
70) Styrene	12.412	104	377725	55.293	ug/l		99
71) Bromoform	12.576	173	89676	59.559	ug/l	#	100
73) Isopropylbenzene	12.694	105	534031	51.622	ug/l		100
74) N-amyl acetate	12.512	43	188759	52.216	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.935	83	200820	57.301	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	174388m	51.664	ug/l		
77) Bromobenzene	12.982	156	131869	55.583	ug/l		99
78) n-propylbenzene	13.035	91	643398	51.178	ug/l		99
79) 2-Chlorotoluene	13.123	91	394854	52.371	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	443398	51.914	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	72331	49.328	ug/l		97
82) 4-Chlorotoluene	13.223	91	406685	53.310	ug/l		100
83) tert-Butylbenzene	13.435	119	396615	50.730	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	447506	52.251	ug/l		99
85) sec-Butylbenzene	13.611	105	549887	48.432	ug/l		100
86) p-Isopropyltoluene	13.729	119	459716	48.982	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	253292	54.264	ug/l		99
88) 1,4-Dichlorobenzene	13.811	146	252880	53.138	ug/l		99
89) n-Butylbenzene	14.053	91	422802	46.509	ug/l		99
90) Hexachloroethane	14.329	117	83746	52.642	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	244439	54.507	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45867	54.724	ug/l		97
93) 1,2,4-Trichlorobenzene	15.388	180	141753	49.501	ug/l		100
94) Hexachlorobutadiene	15.500	225	44722	41.918	ug/l		100
95) Naphthalene	15.641	128	576105	54.049	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	138678	48.742	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

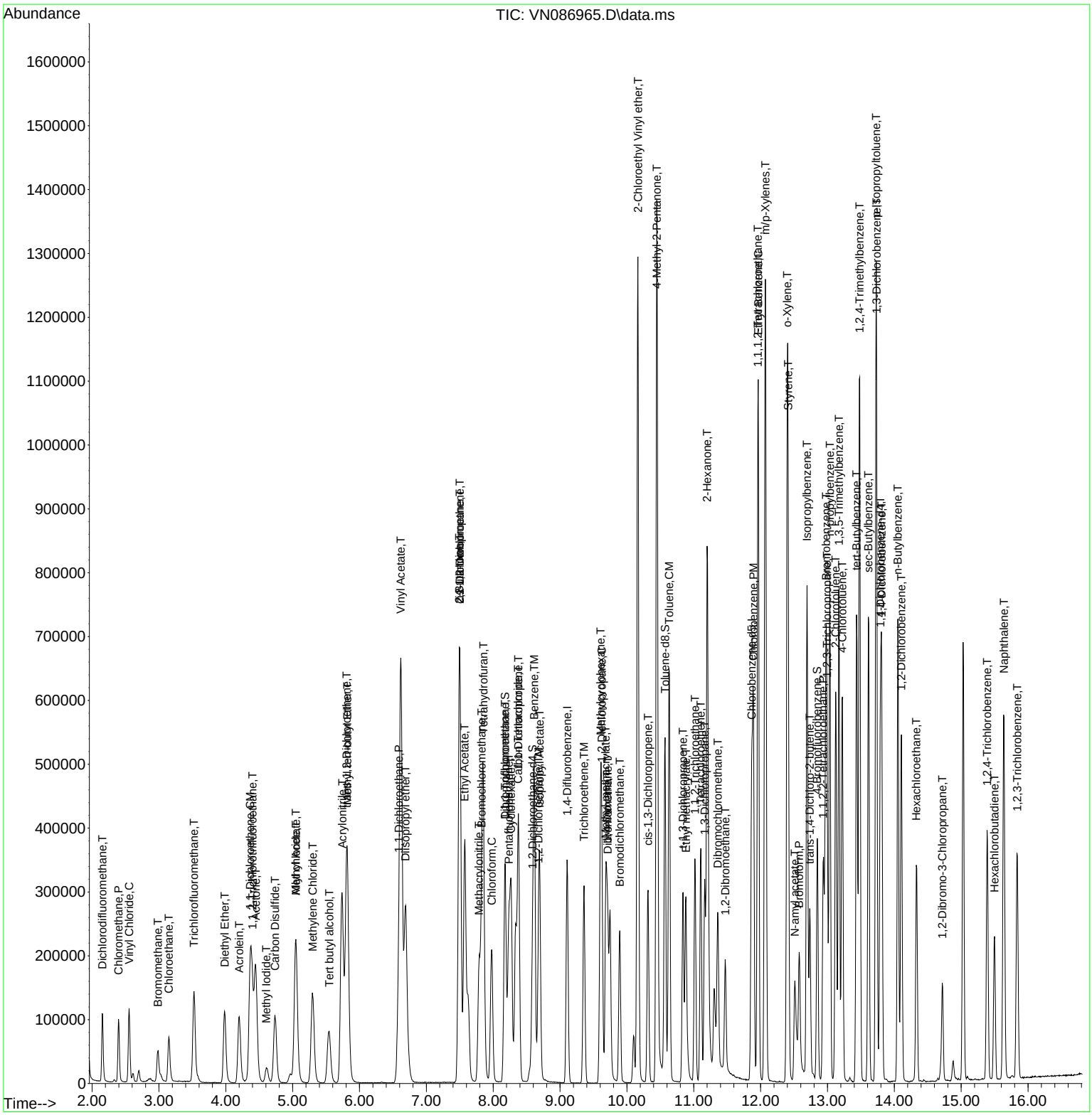
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

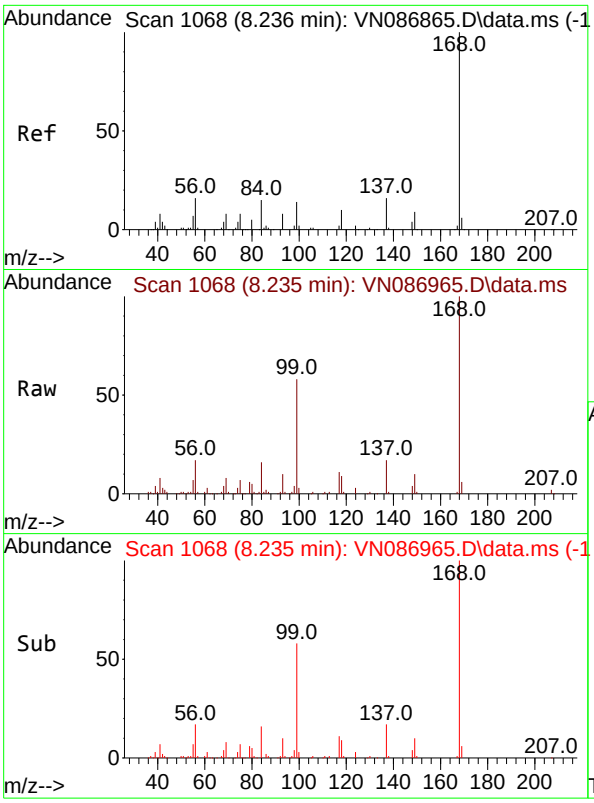
Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

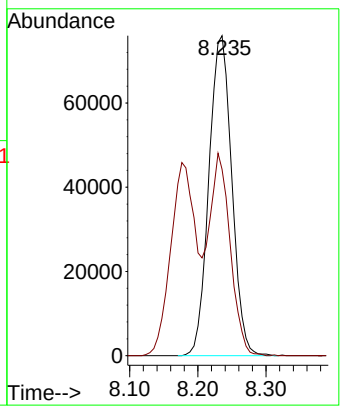




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:168 Resp: 17757

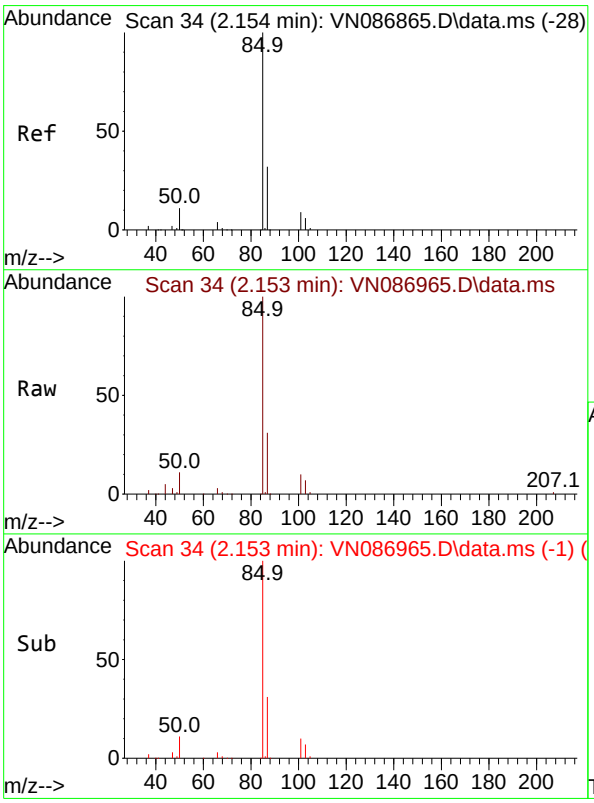
Ion	Ratio	Lower	Upper
168	100		
99	58.2	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

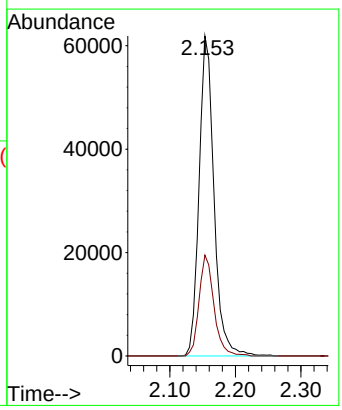
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

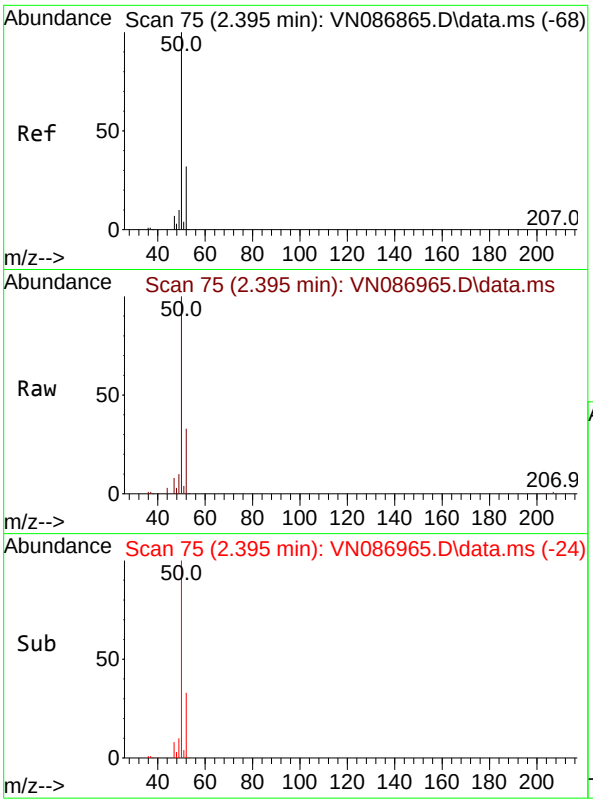


#2
Dichlorodifluoromethane
Concen: 55.320 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 85 Resp: 97946

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.2	48.6

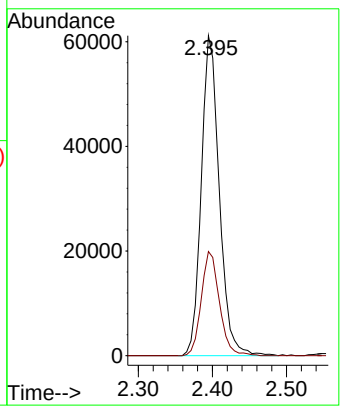




#3
Chloromethane
Concen: 45.148 ug/l
RT: 2.395 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 50 Resp: 10322

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
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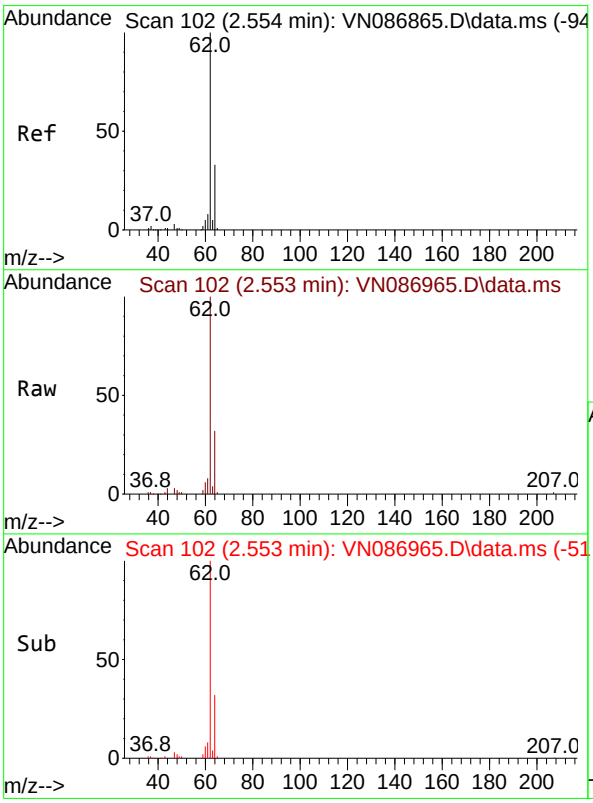
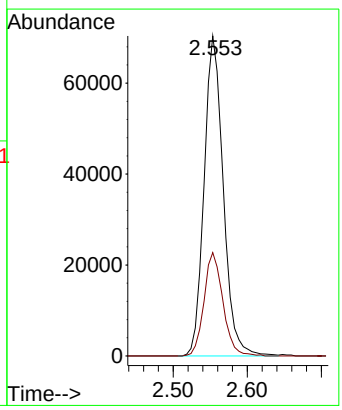
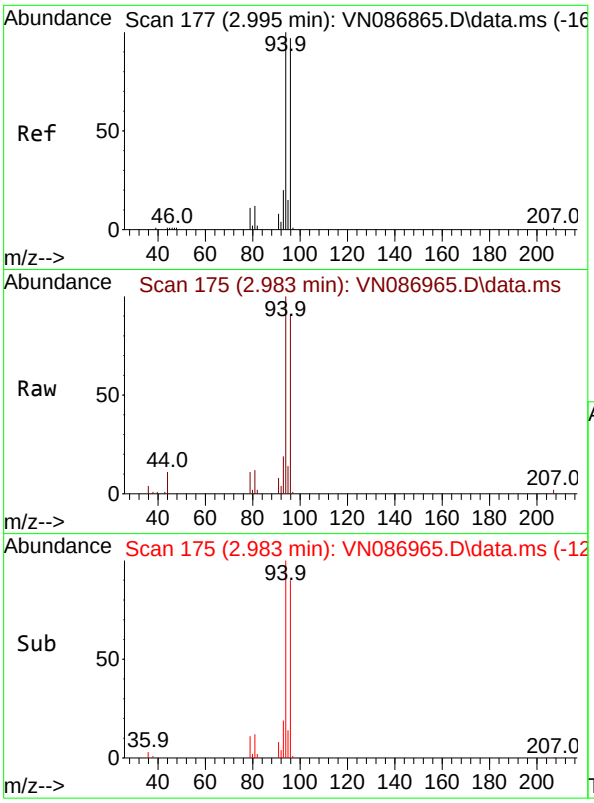


#4
Vinyl Chloride
Concen: 53.612 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 62 Resp: 126441

Ion	Ratio	Lower	Upper
62	100		
64	32.3	26.0	39.0

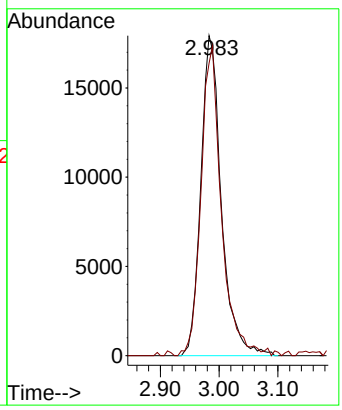




#5
Bromomethane
Concen: 33.049 ug/l
RT: 2.983 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 94 Resp: 4361

Ion	Ratio	Lower	Upper
94	100		
96	91.4	77.9	116.9



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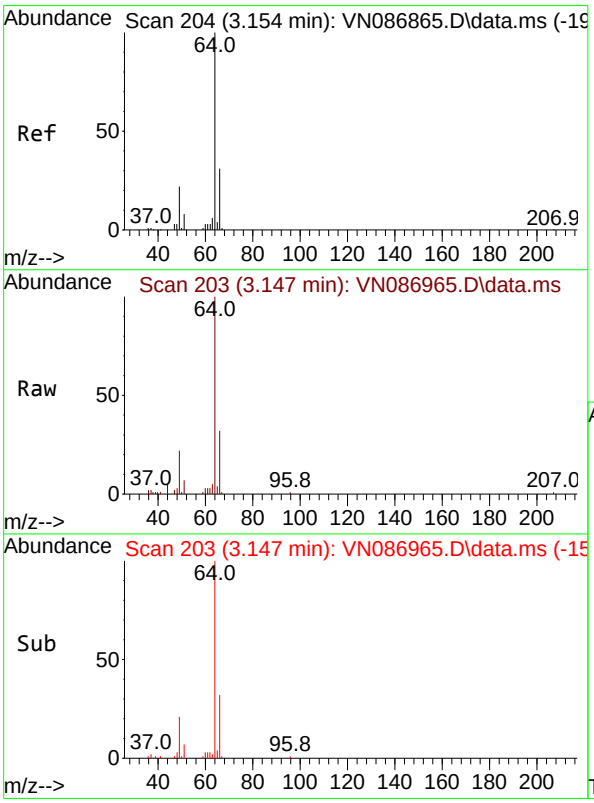
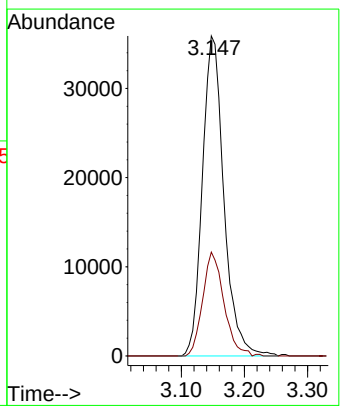
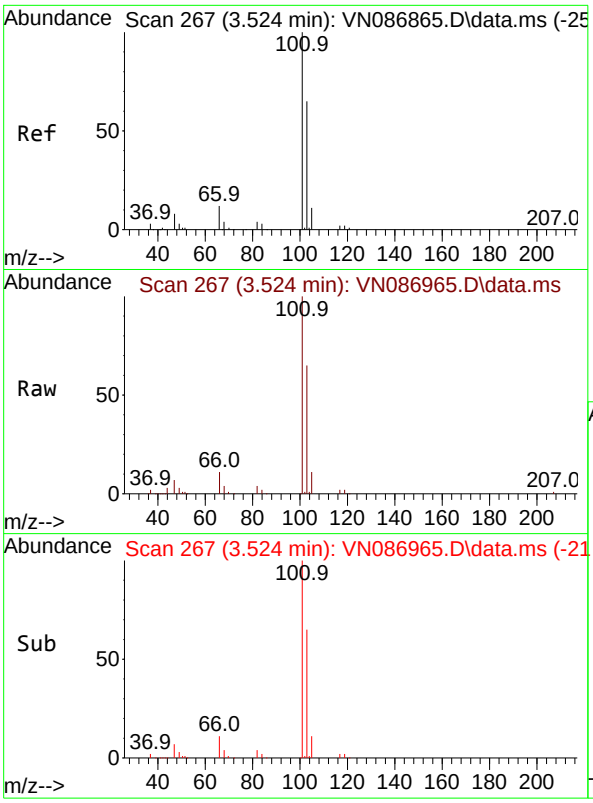


#6
Chloroethane
Concen: 55.606 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 64 Resp: 84712

Ion	Ratio	Lower	Upper
64	100		
66	32.4	24.6	36.8





#7
Trichlorofluoromethane
Concen: 55.827 ug/l
RT: 3.524 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:101 Resp: 17202

Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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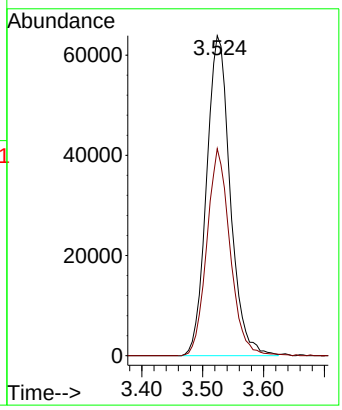
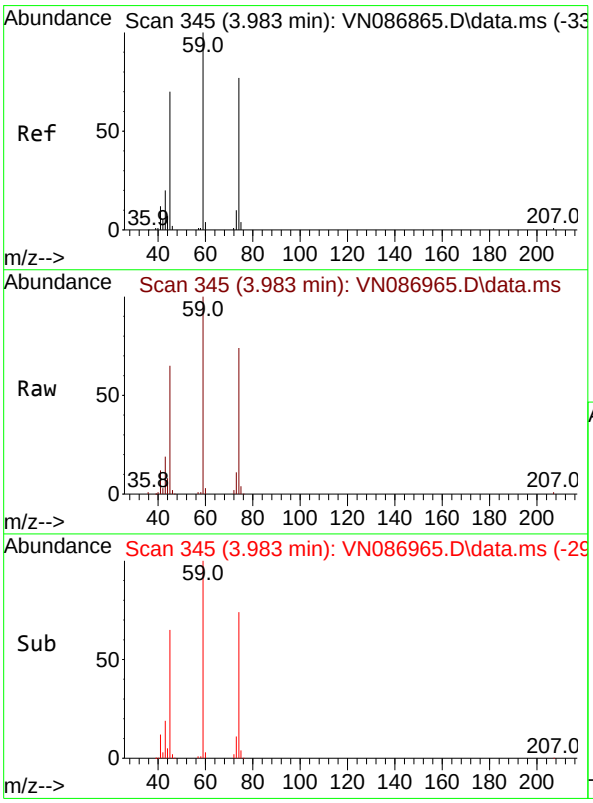
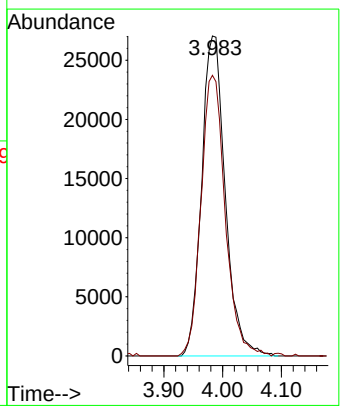


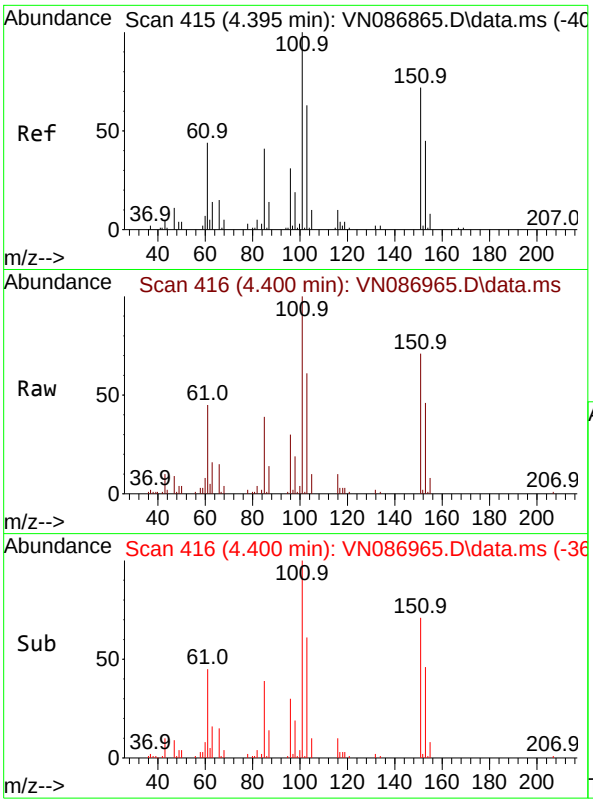


#8
Diethyl Ether
Concen: 56.330 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 74 Resp: 75627

Ion	Ratio	Lower	Upper
74	100		
45	89.7	45.5	136.5

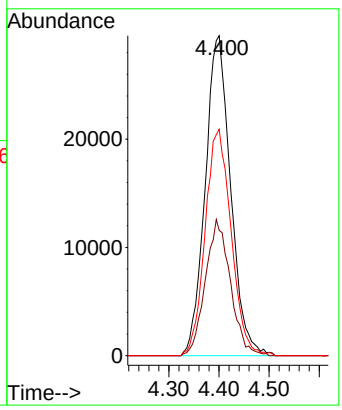




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.851 ug/l
RT: 4.400 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:101 Resp: 10425

Ion	Ratio	Lower	Upper
101	100		
85	41.8	33.8	50.8
151	72.4	58.7	88.1



Instrument :
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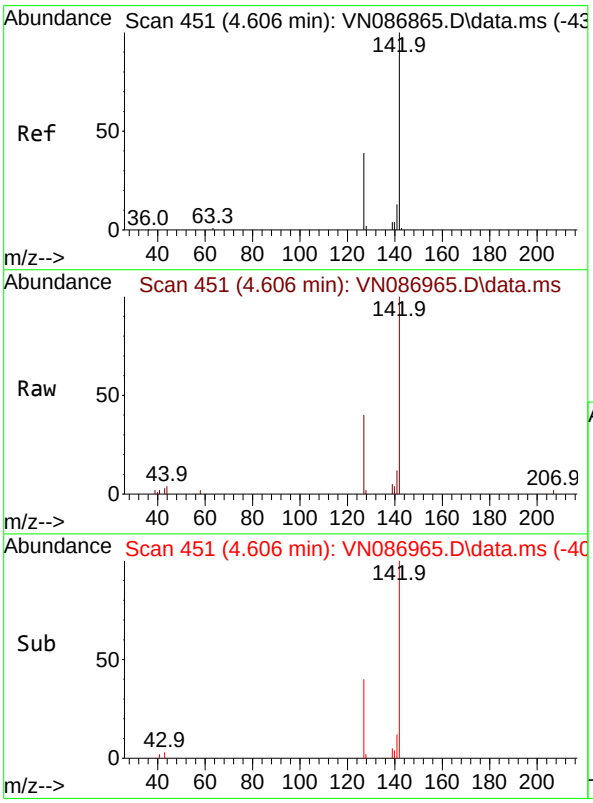
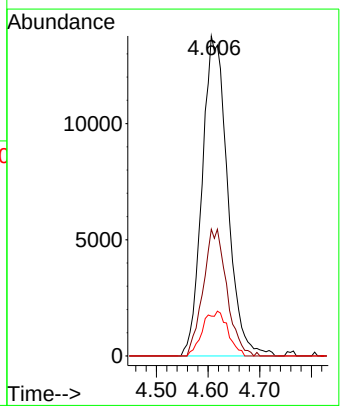
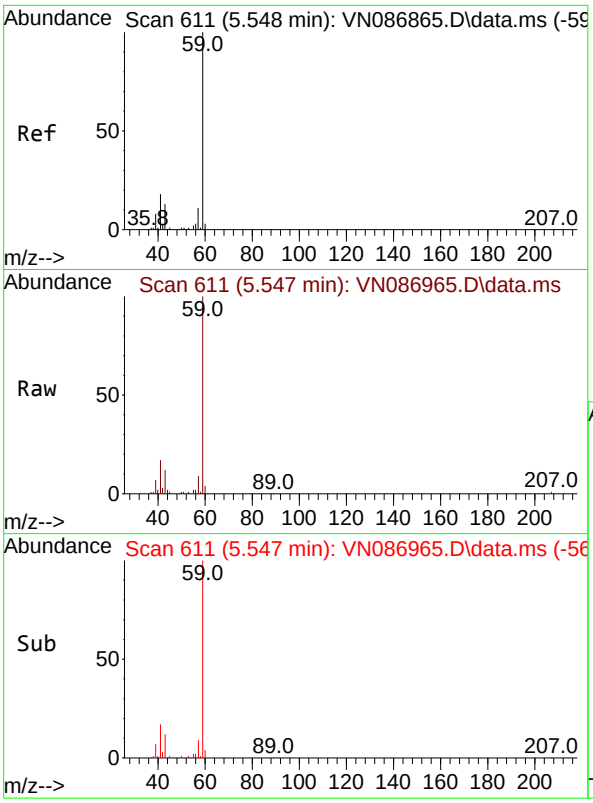


#10
Methyl Iodide
Concen: 18.649 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:142 Resp: 46802

Ion	Ratio	Lower	Upper
142	100		
127	39.6	30.9	46.3
141	12.5	10.4	15.6

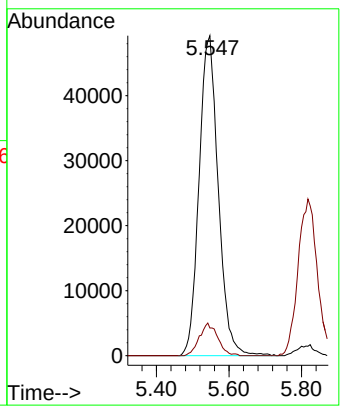




#11
Tert butyl alcohol
Concen: 280.391 ug/l
RT: 5.547 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 59 Resp: 18088

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.1	12.1



Instrument :
MSVOA_N
ClientSampleId :
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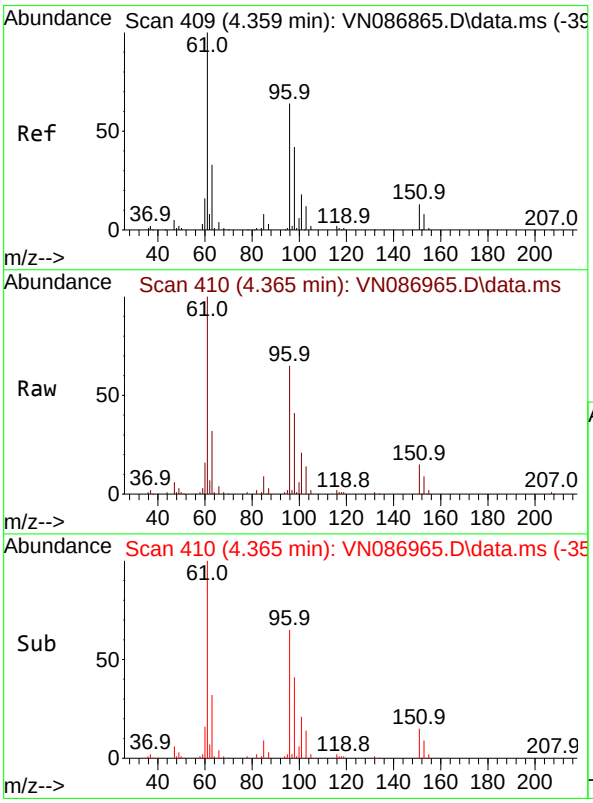
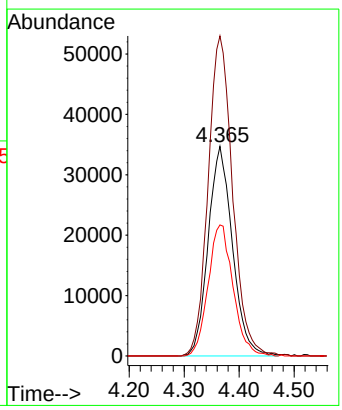
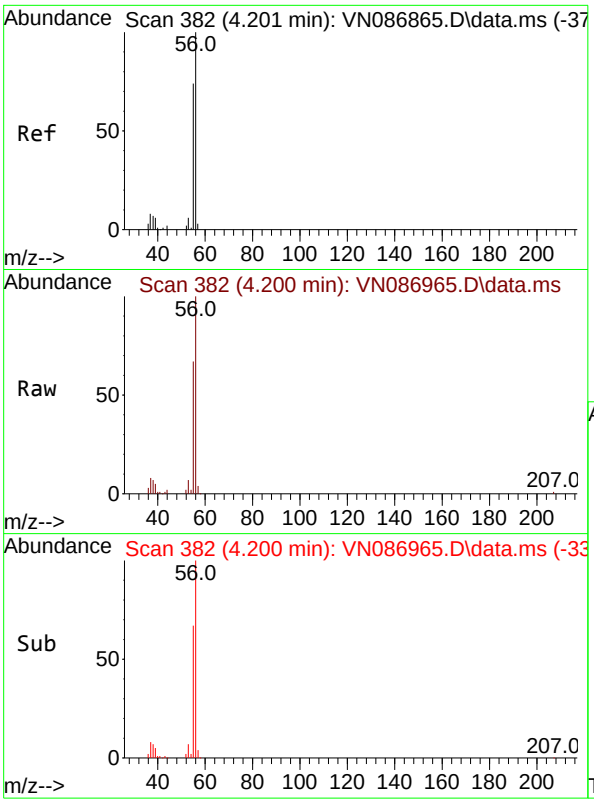


#12
1,1-Dichloroethene
Concen: 53.824 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 96 Resp: 106380

Ion	Ratio	Lower	Upper
96	100		
61	152.7	125.8	188.6
98	62.5	52.5	78.7

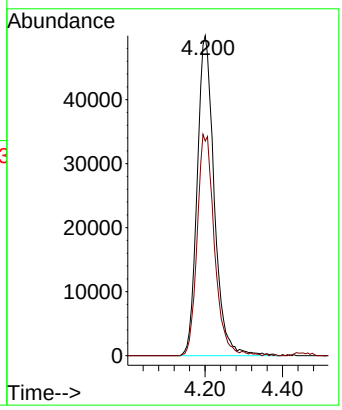




#13
Acrolein
Concen: 746.633 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 56 Resp: 15246

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.6	83.4



Instrument :
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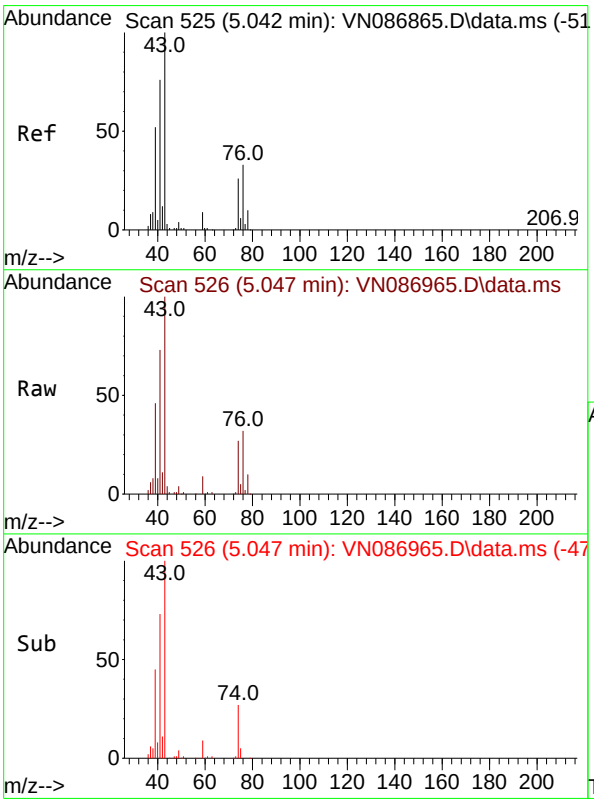
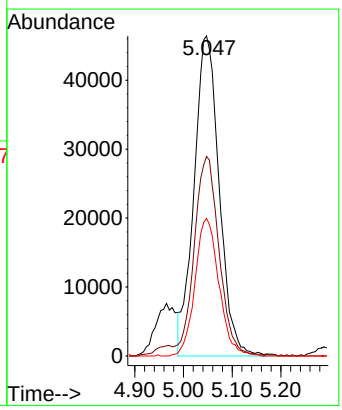
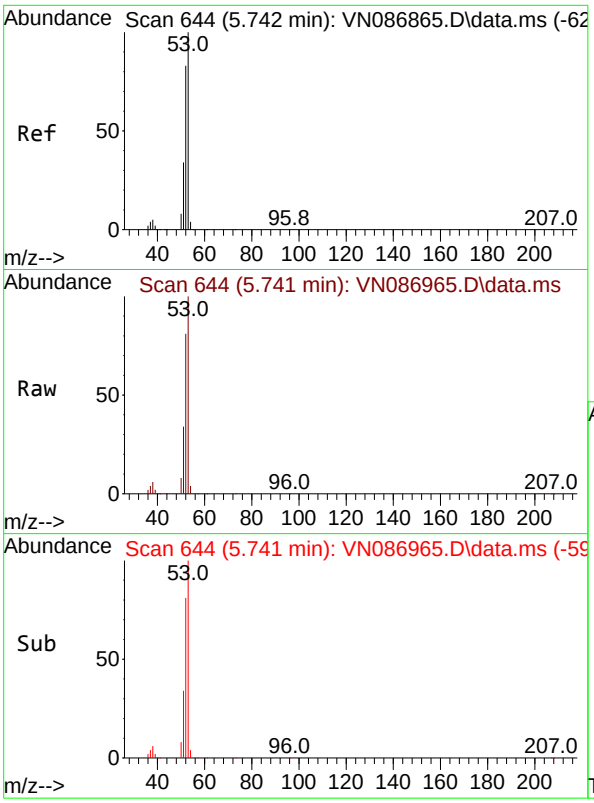


#14
Allyl chloride
Concen: 50.921 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 41 Resp: 166911

Ion	Ratio	Lower	Upper
41	100		
39	61.7	51.3	76.9
76	40.8	31.4	47.0





#15
Acrylonitrile
Concen: 280.476 ug/l
RT: 5.741 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 53 Resp: 42292

Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.0	97.6
51	34.0	27.2	40.8

Instrument :
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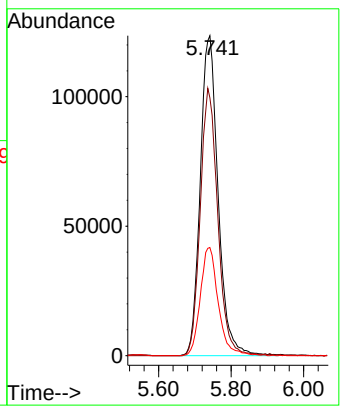
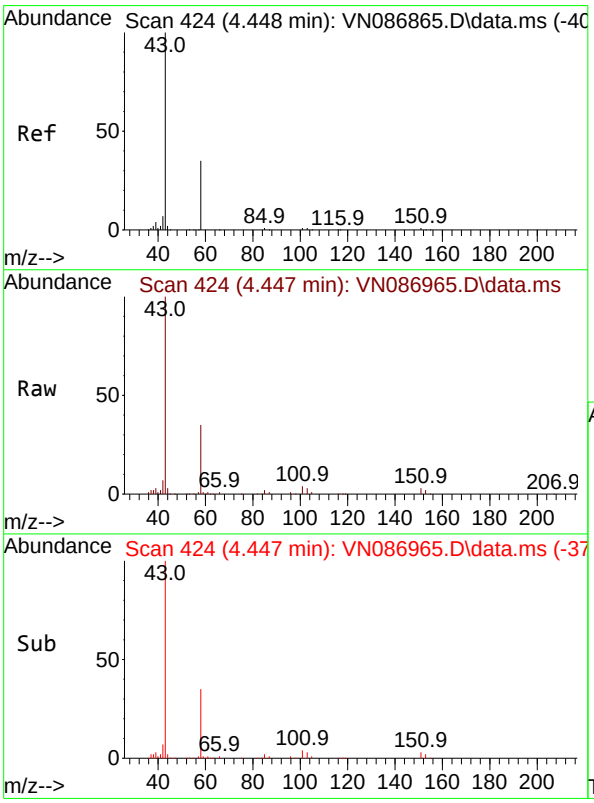
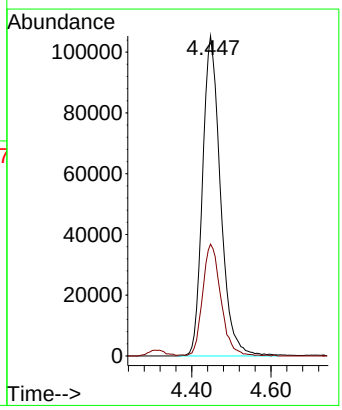


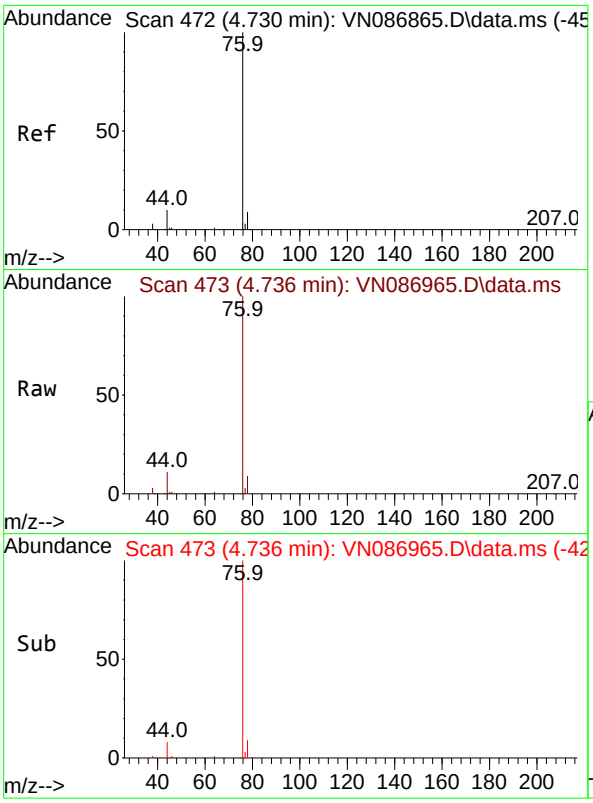


#16
Acetone
Concen: 262.661 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 331168

Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.0	42.0

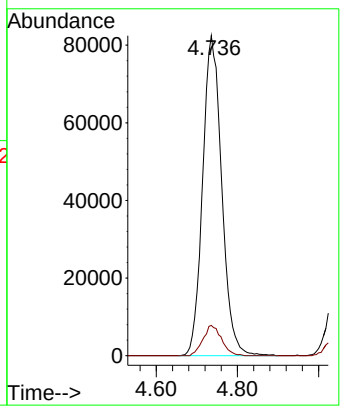




#17
Carbon Disulfide
Concen: 49.127 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 76 Resp: 26858

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9



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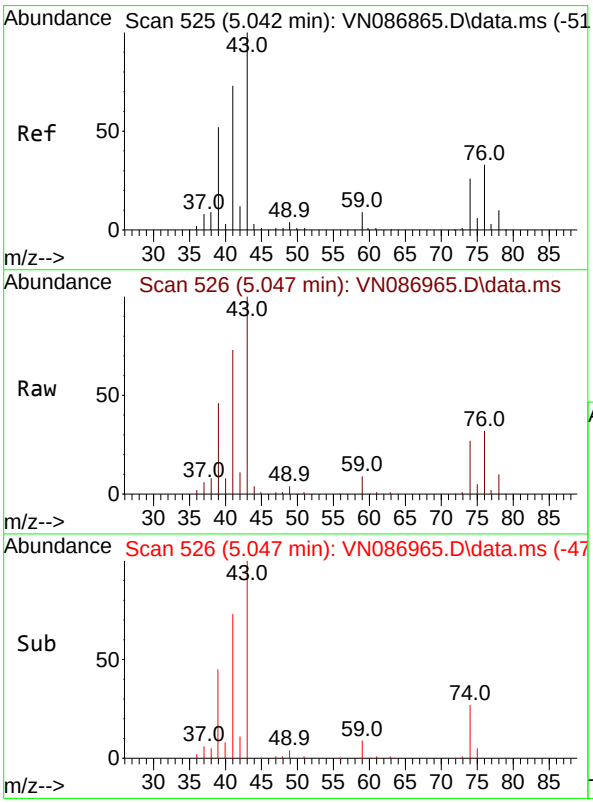
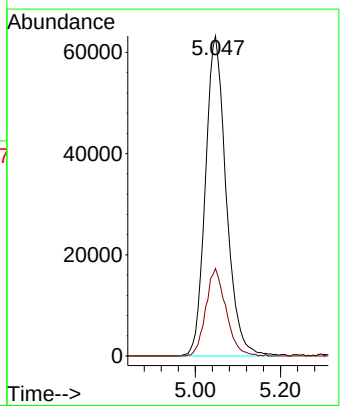
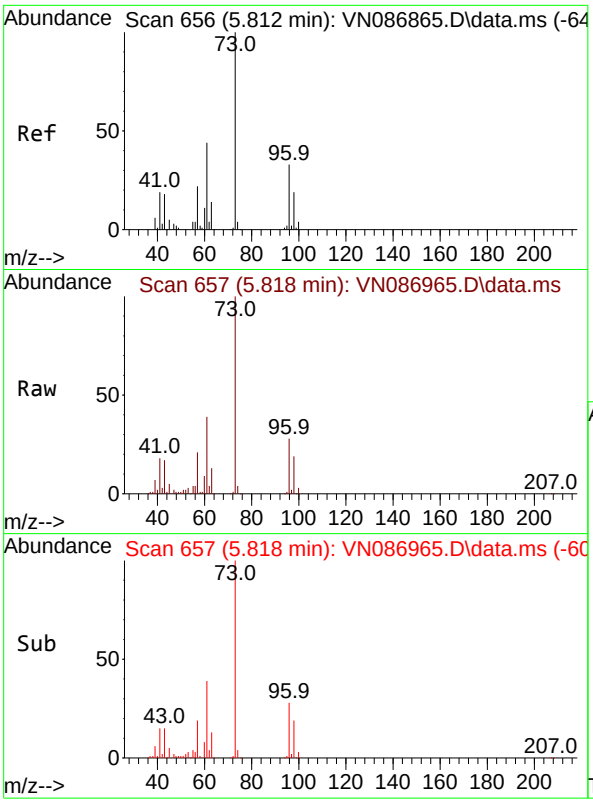


#18
Methyl Acetate
Concen: 58.328 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 214312

Ion	Ratio	Lower	Upper
43	100		
74	26.6	20.7	31.1

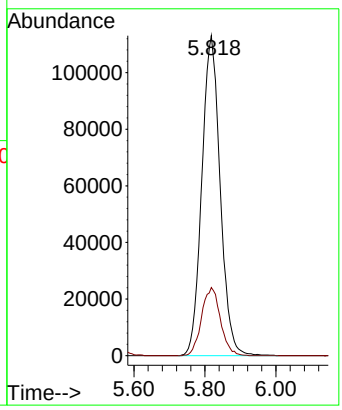




#19
Methyl tert-butyl Ether
Concen: 56.790 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 73 Resp: 40640

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.4	26.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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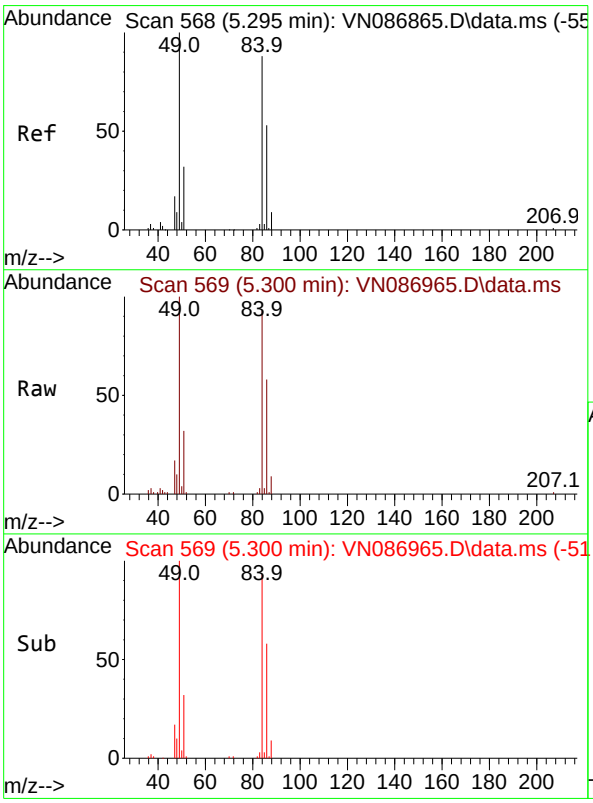
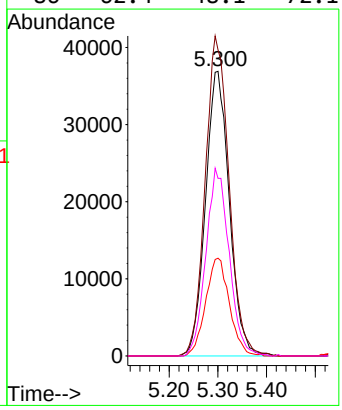
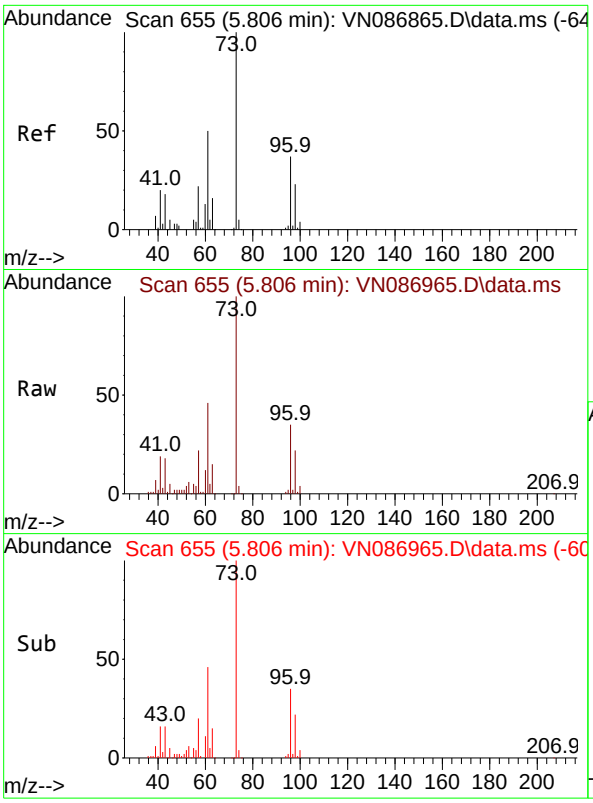


#20
Methylene Chloride
Concen: 53.166 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 84 Resp: 125496

Ion	Ratio	Lower	Upper
84	100		
49	107.5	90.5	135.7
51	34.3	28.5	42.7
86	62.4	48.1	72.1

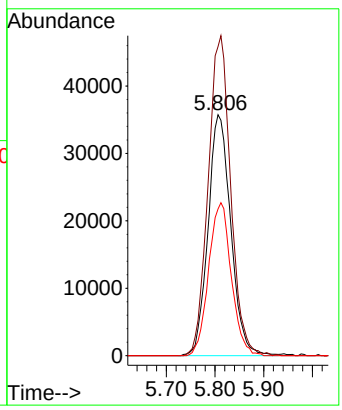




#21
trans-1,2-Dichloroethene
Concen: 52.697 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 96 Resp: 11587

Ion	Ratio	Lower	Upper
96	100		
61	128.3	109.2	163.8
98	60.9	49.8	74.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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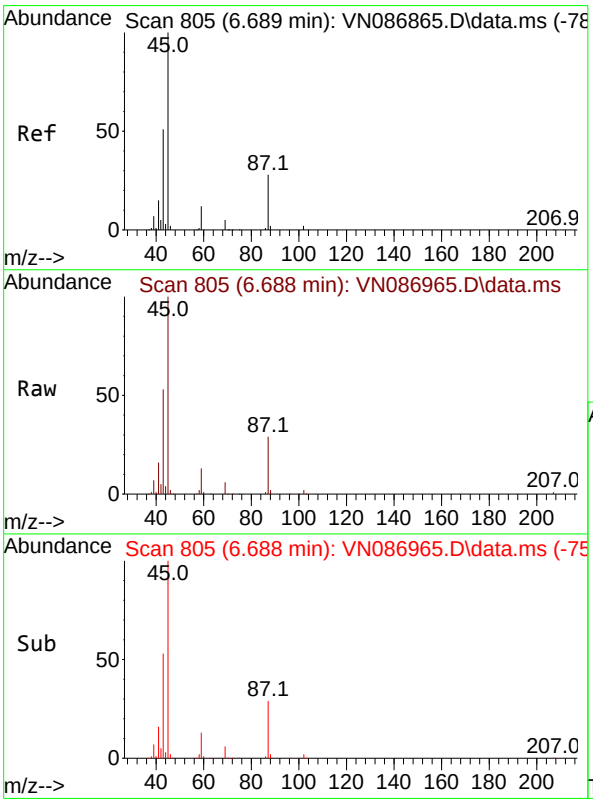
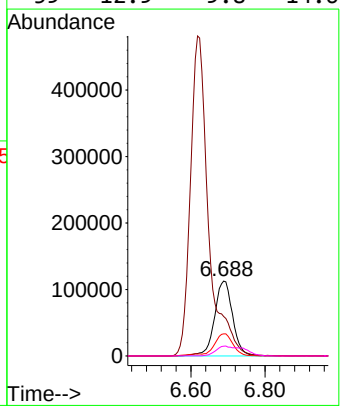
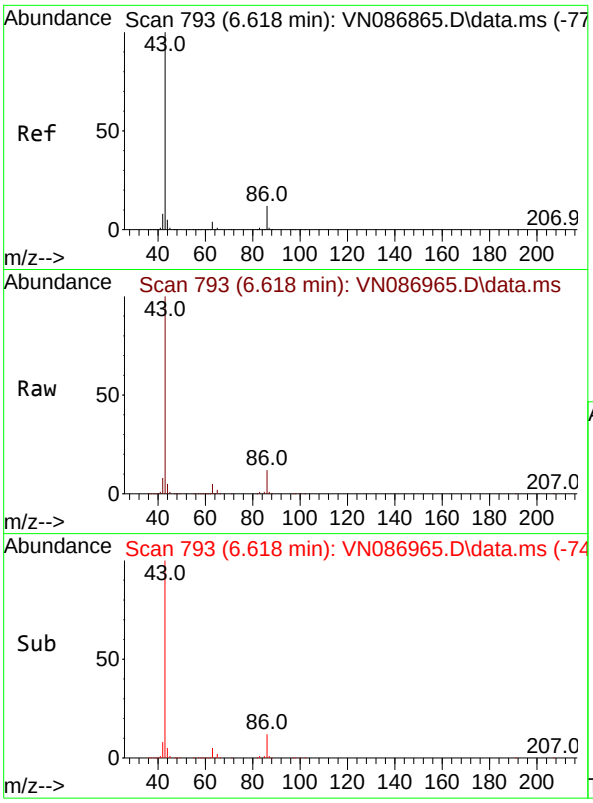


#22
Diisopropyl ether
Concen: 55.291 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 45 Resp: 382028

Ion	Ratio	Lower	Upper
45	100		
43	52.3	41.9	62.9
87	29.5	22.4	33.6
59	12.9	9.8	14.6





#23
Vinyl Acetate
Concen: 278.142 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 162370

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.5	14.3

Instrument :
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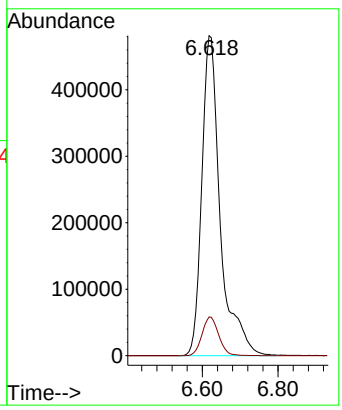
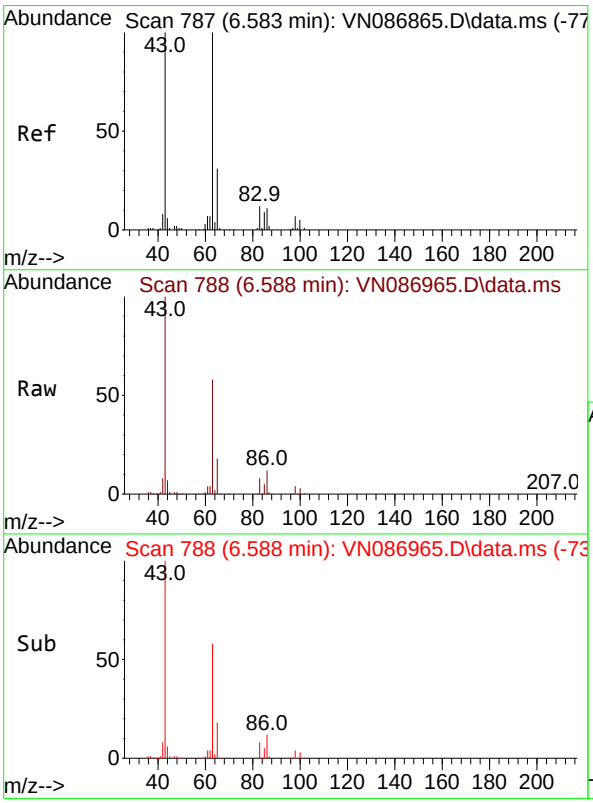
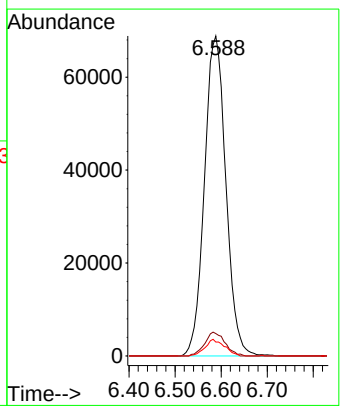


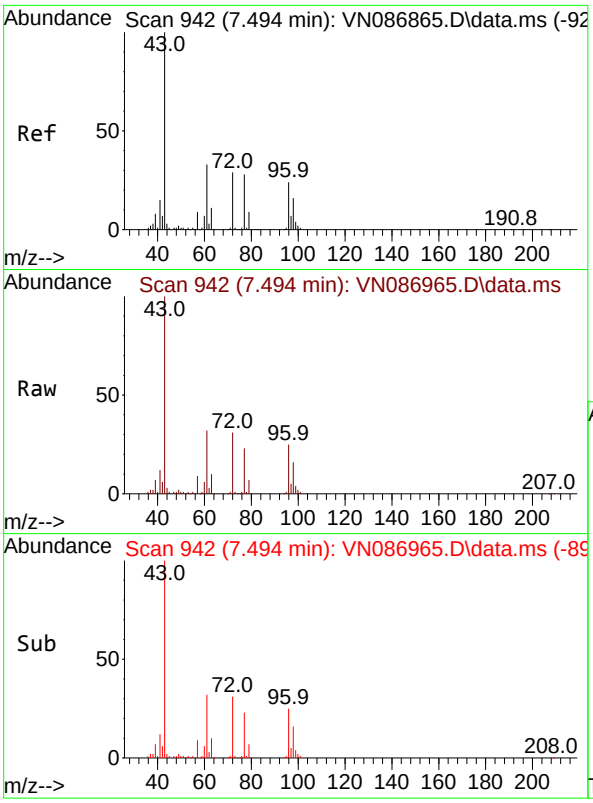


#24
1,1-Dichloroethane
Concen: 56.057 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 63 Resp: 222894

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	4.3	2.6	7.8





#25
2-Butanone
Concen: 272.256 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 55796

Ion	Ratio	Lower	Upper
43	100		
72	30.6	23.0	34.6

Instrument :
MSVOA_N
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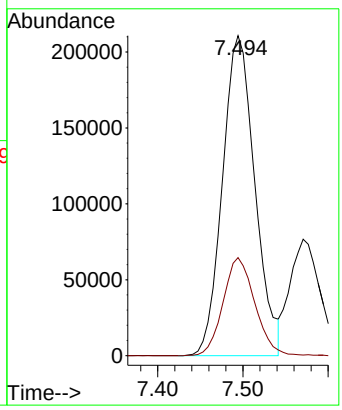
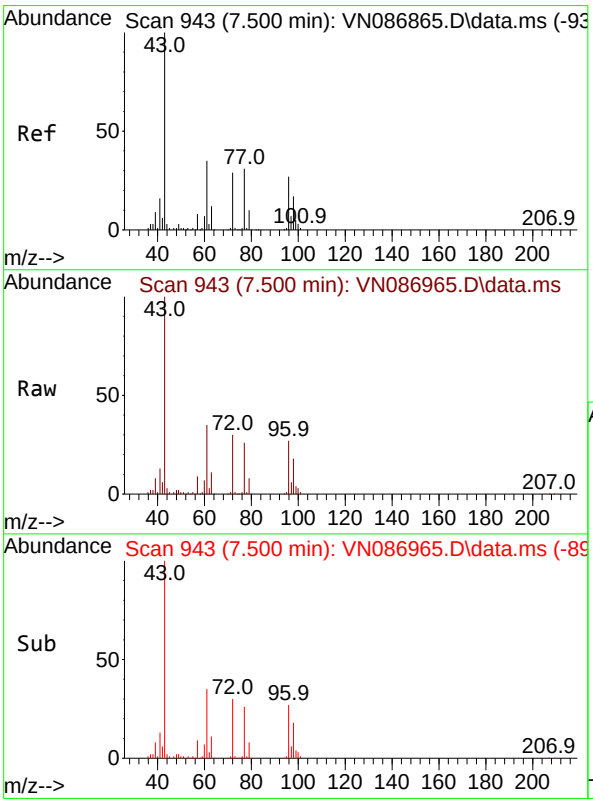
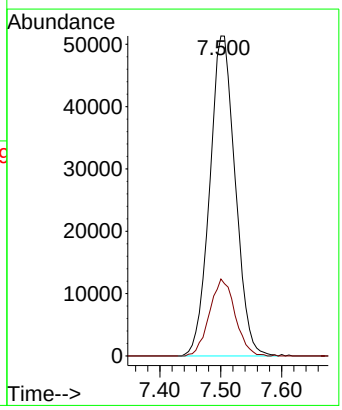


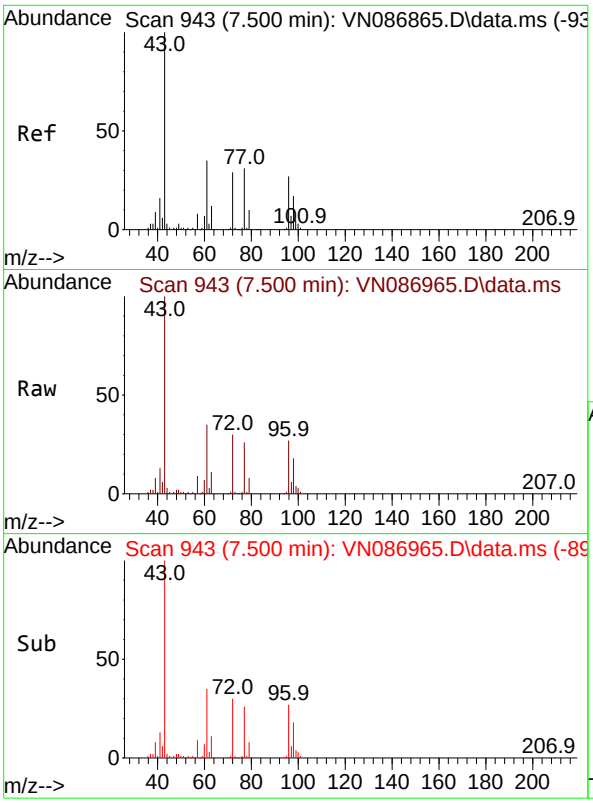


#26
2,2-Dichloropropane
Concen: 48.315 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 77 Resp: 149440

Ion	Ratio	Lower	Upper
77	100		
97	24.1	11.6	34.7

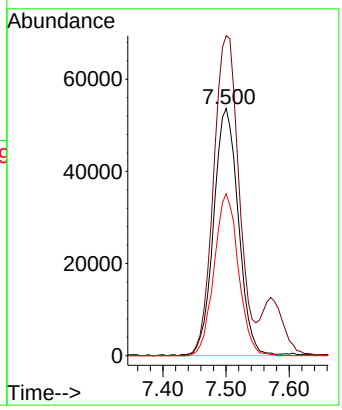




#27
cis-1,2-Dichloroethene
Concen: 55.654 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 96 Resp: 14636

Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	278.0
98	64.2	0.0	128.2



Instrument :
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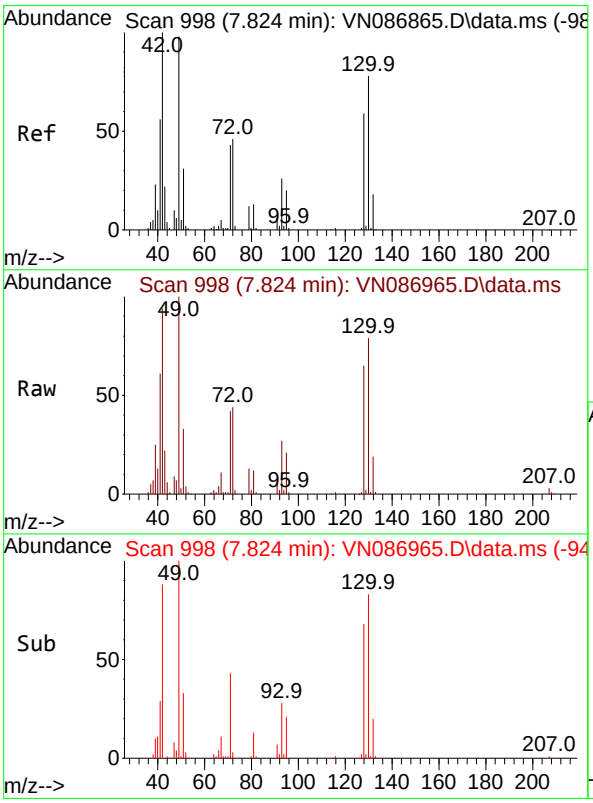
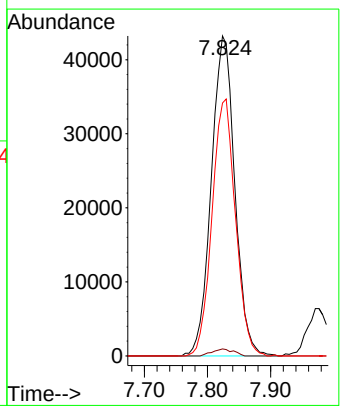
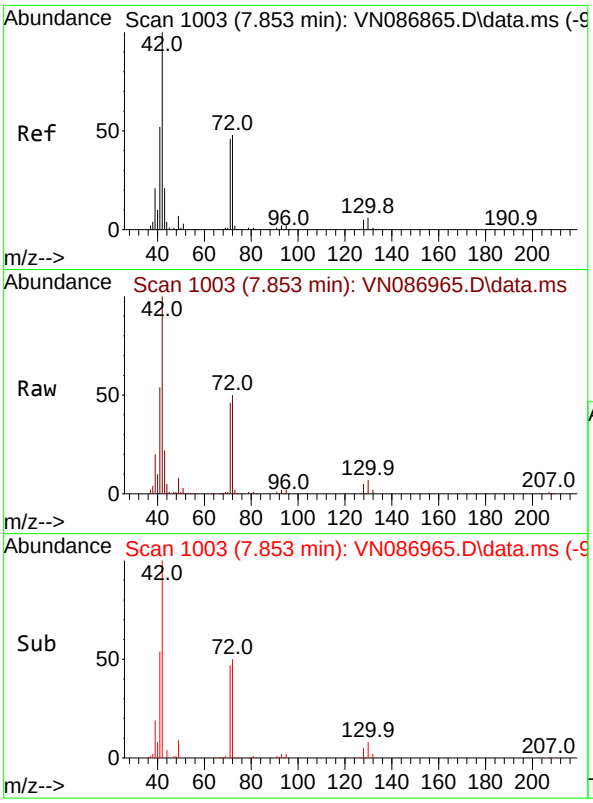


#28
Bromochloromethane
Concen: 57.211 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 49 Resp: 111849

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	79.9	62.2	93.2

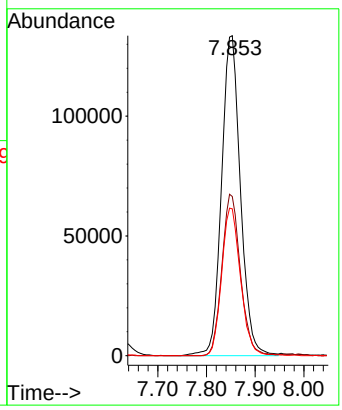




#29
Tetrahydrofuran
Concen: 270.436 ug/l
RT: 7.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 42 Resp: 36104

Ion	Ratio	Lower	Upper
42	100		
72	49.5	37.8	56.6
71	46.0	35.6	53.4



Instrument :
MSVOA_N
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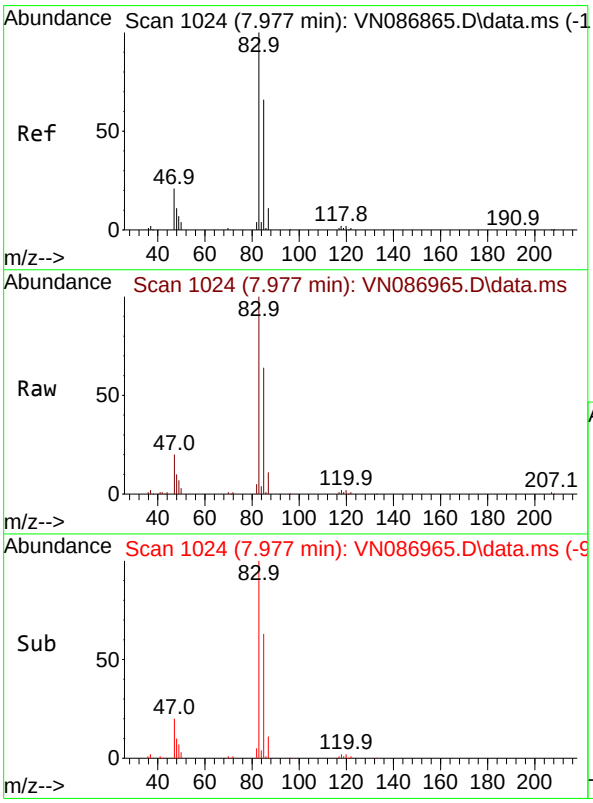
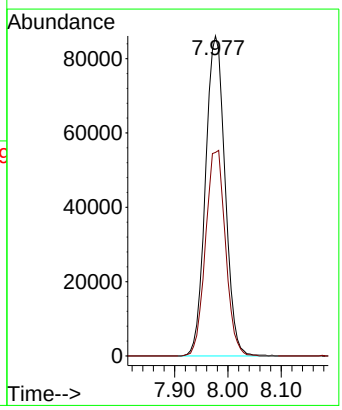
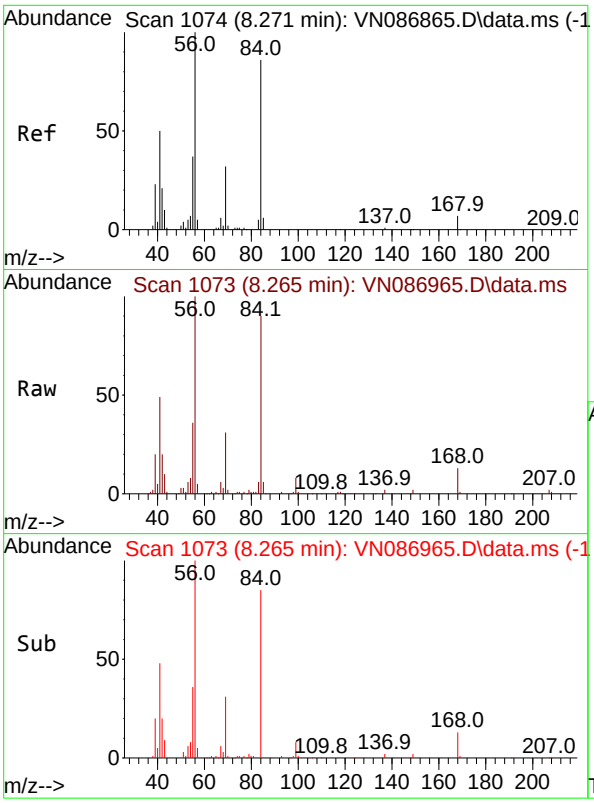


#30
Chloroform
Concen: 55.175 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 83 Resp: 219091

Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.9	79.3

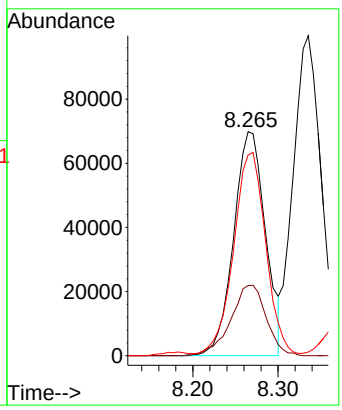




#31
Cyclohexane
Concen: 47.071 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 56 Resp: 18151

Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.4	38.0
84	88.0	68.8	103.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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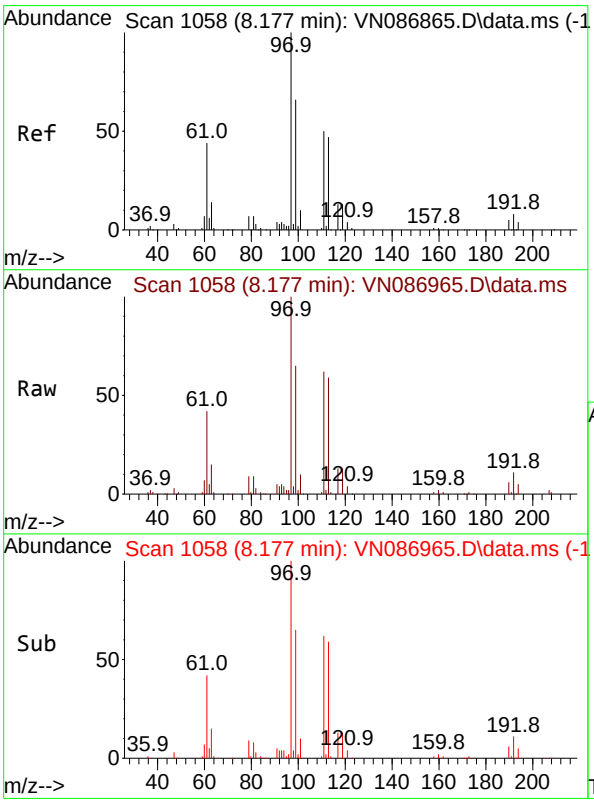
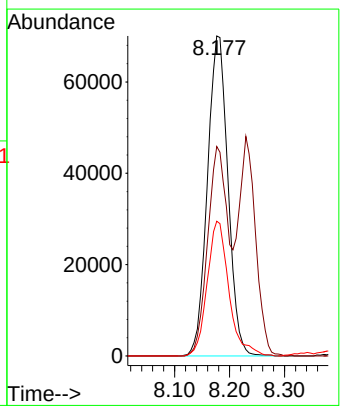
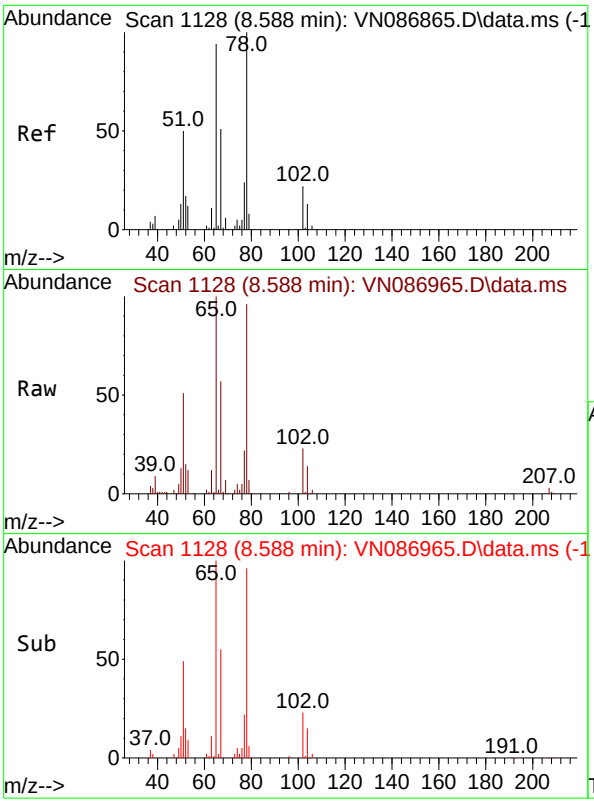


#32
1,1,1-Trichloroethane
Concen: 53.846 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 97 Resp: 181857

Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.0	78.0
61	44.6	35.9	53.9

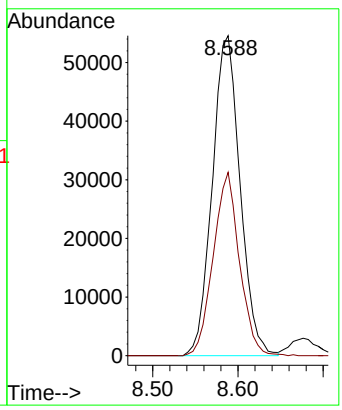




#33
1,2-Dichloroethane-d4
Concen: 52.069 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 65 Resp: 12379

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.6



Instrument :
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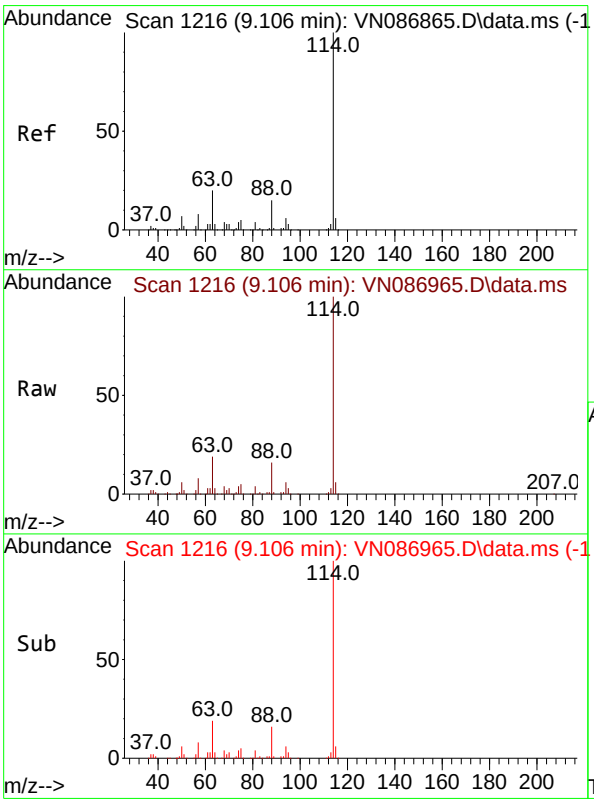
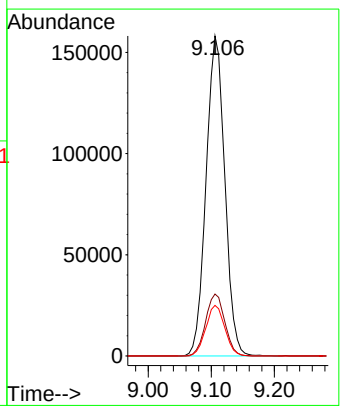
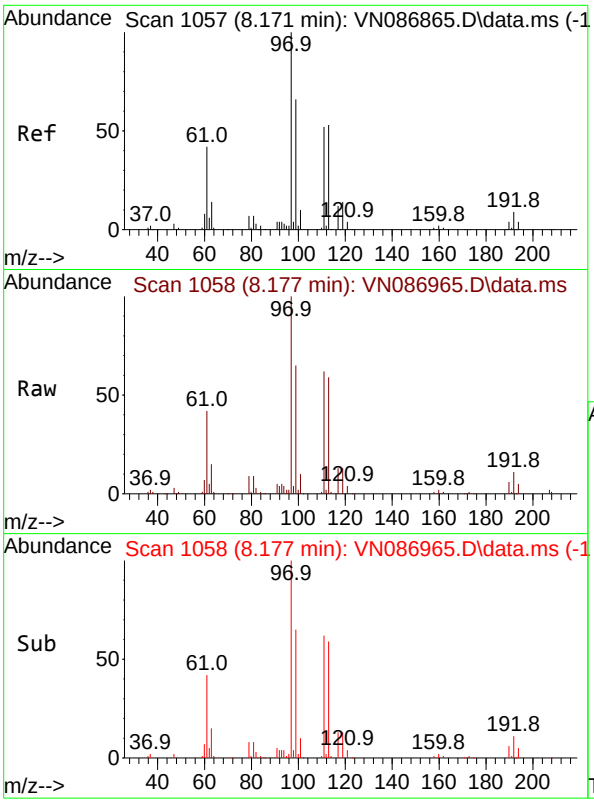


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:114 Resp: 326287

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.6
88	15.8	0.0	30.2

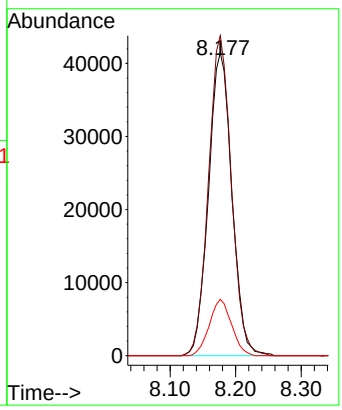




#35
Dibromofluoromethane
Concen: 53.000 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:113 Resp: 10248

Ion	Ratio	Lower	Upper
113	100		
111	103.4	84.2	126.2
192	17.7	14.2	21.4



Instrument :
MSVOA_N
ClientSampleId :
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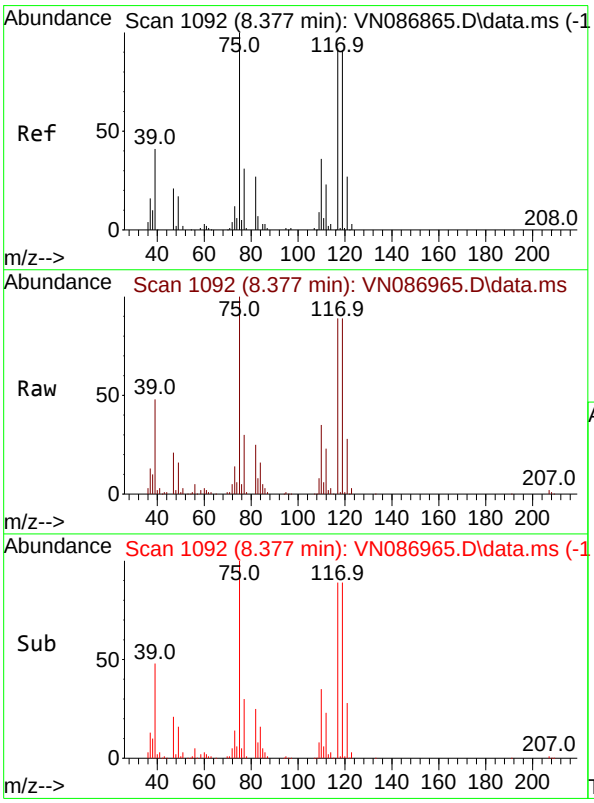
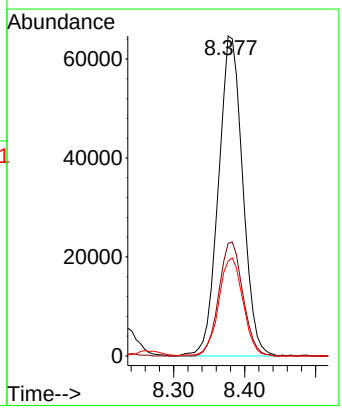
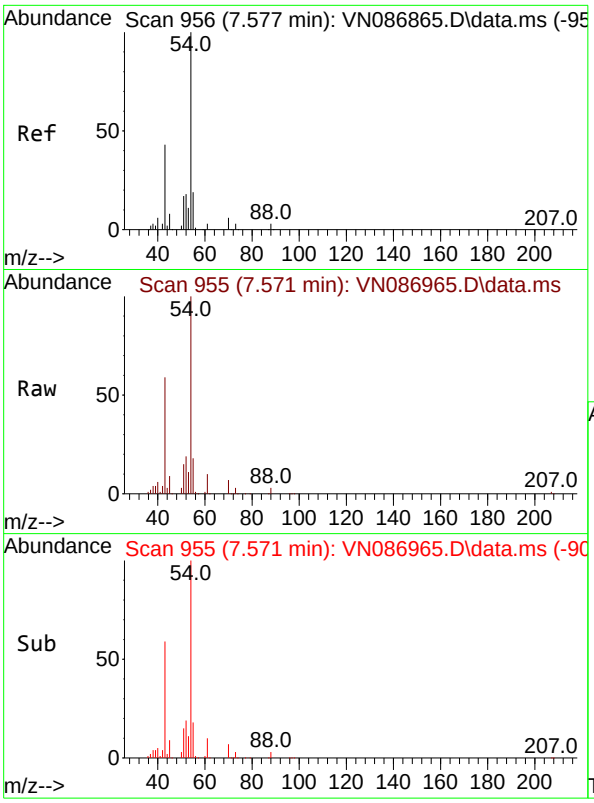


#36
1,1-Dichloropropene
Concen: 53.121 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 153059

Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.6	52.9
77	31.0	25.3	37.9





#37
Ethyl Acetate
Concen: 53.483 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 19617

Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.1	18.1
70	12.7	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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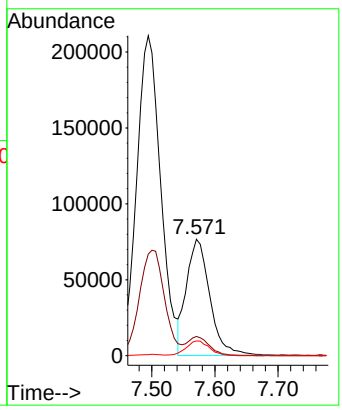
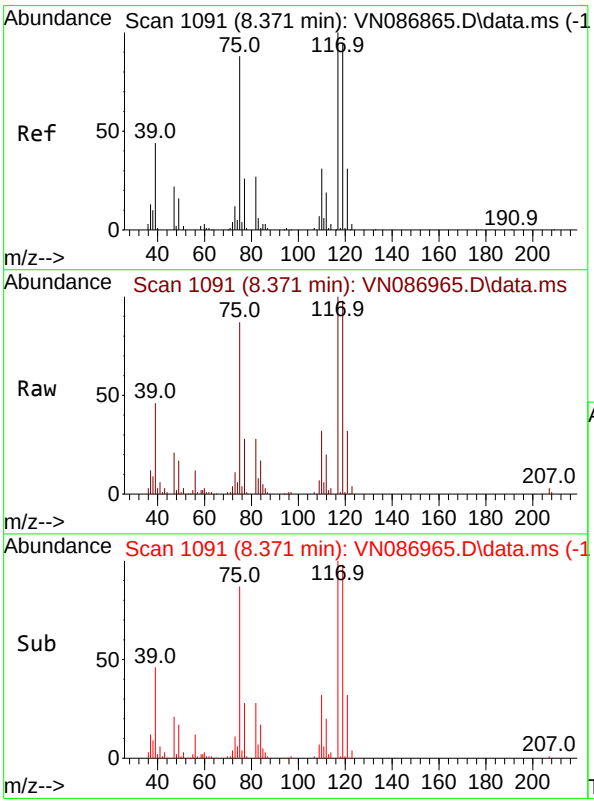
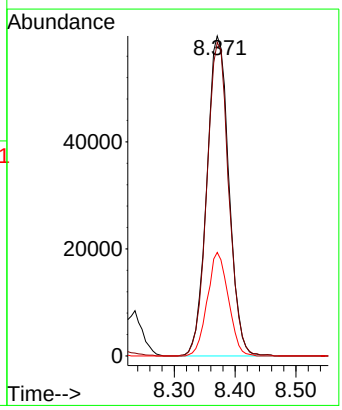


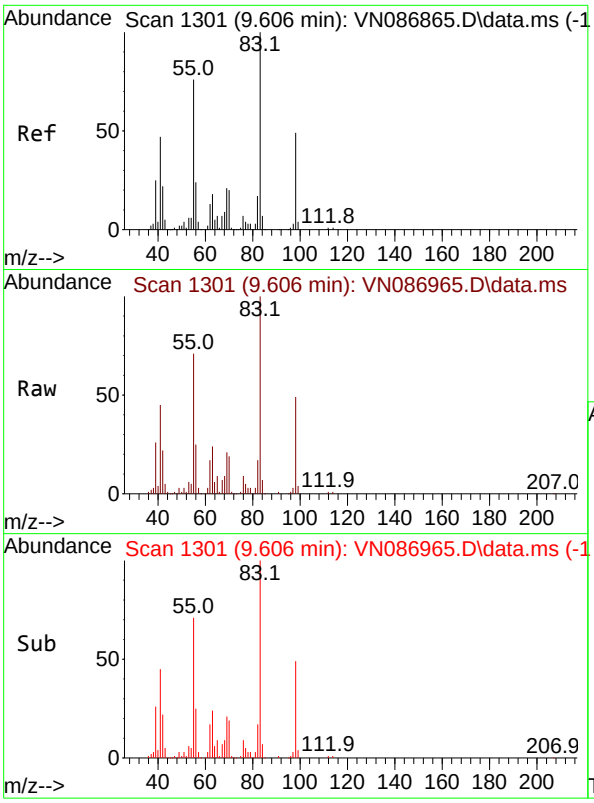


#38
Carbon Tetrachloride
Concen: 53.303 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:117 Resp: 150782

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.0	112.6
121	32.3	24.9	37.3





#39
Methylcyclohexane
Concen: 44.605 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 83 Resp: 17607

Ion	Ratio	Lower	Upper
83	100		
55	71.5	61.0	91.6
98	48.7	38.9	58.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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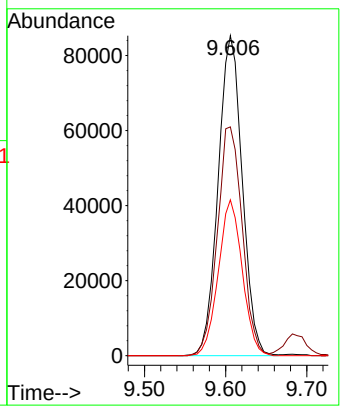
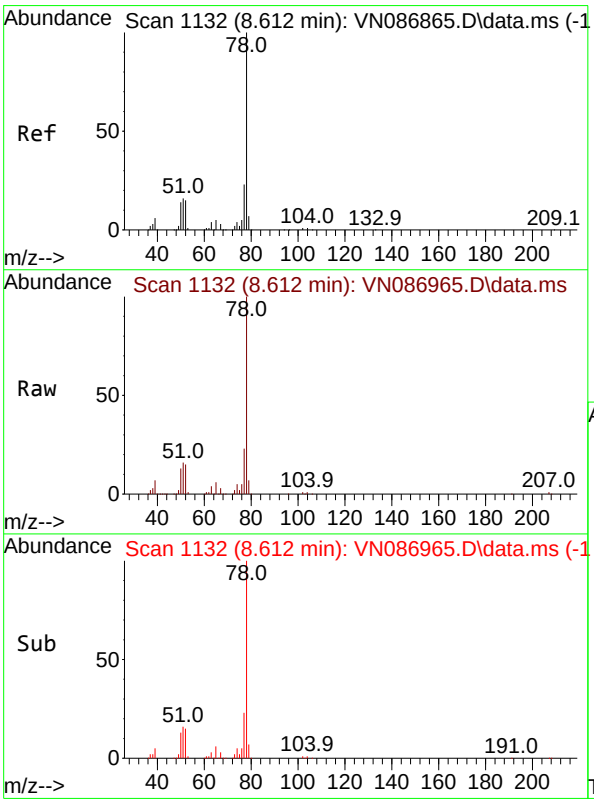
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

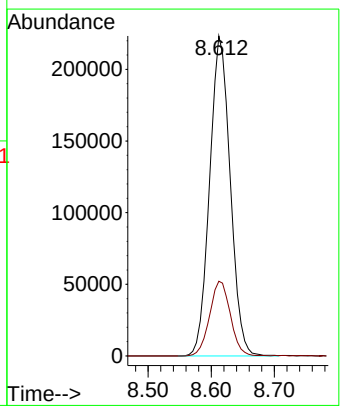


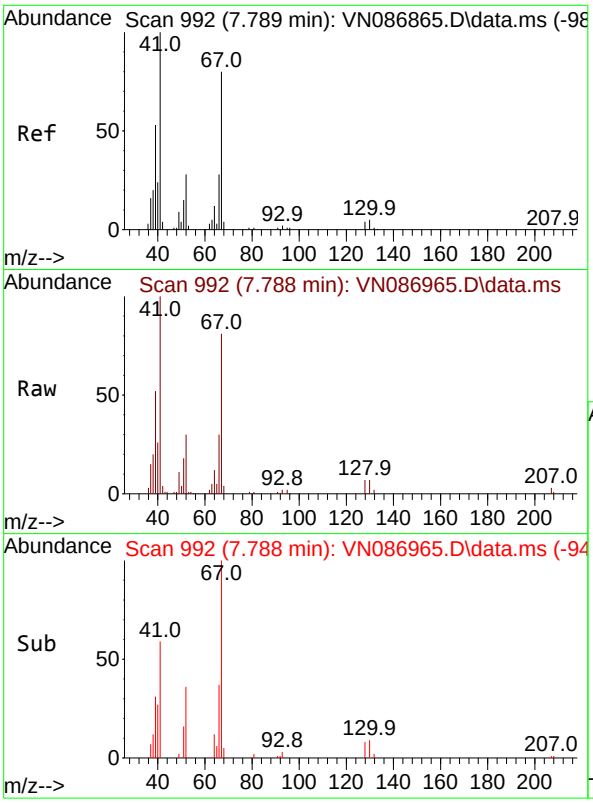


#40
Benzene
Concen: 53.695 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 78 Resp: 505922

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1

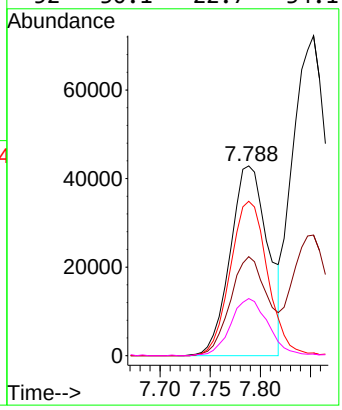




#41
Methacrylonitrile
Concen: 54.646 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 41 Resp: 11256

Ion	Ratio	Lower	Upper
41	100		
39	51.6	41.2	61.8
67	80.7	61.4	92.2
52	30.1	22.7	34.1



Instrument :
MSVOA_N
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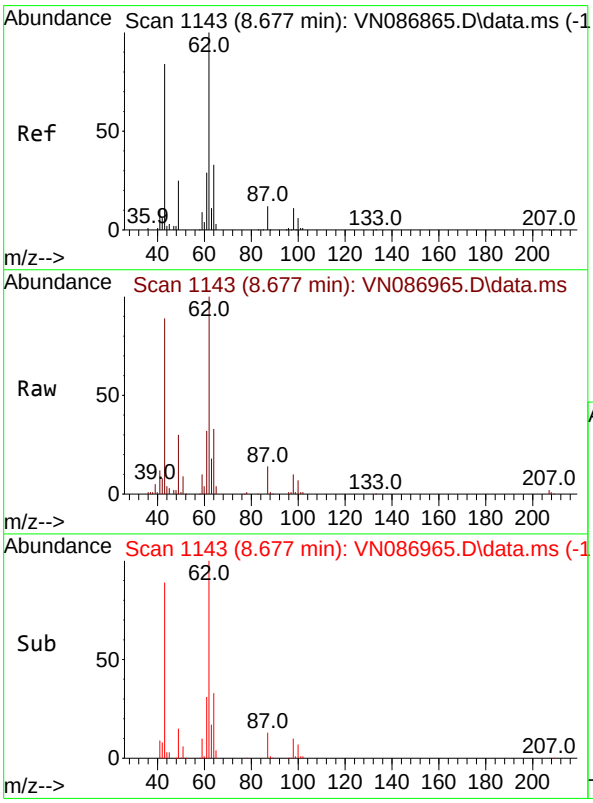
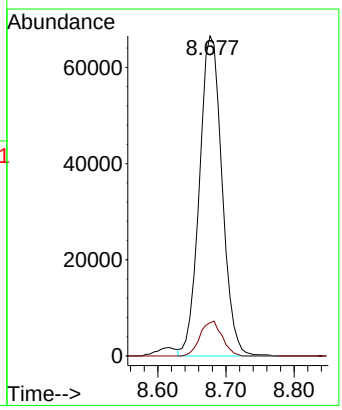
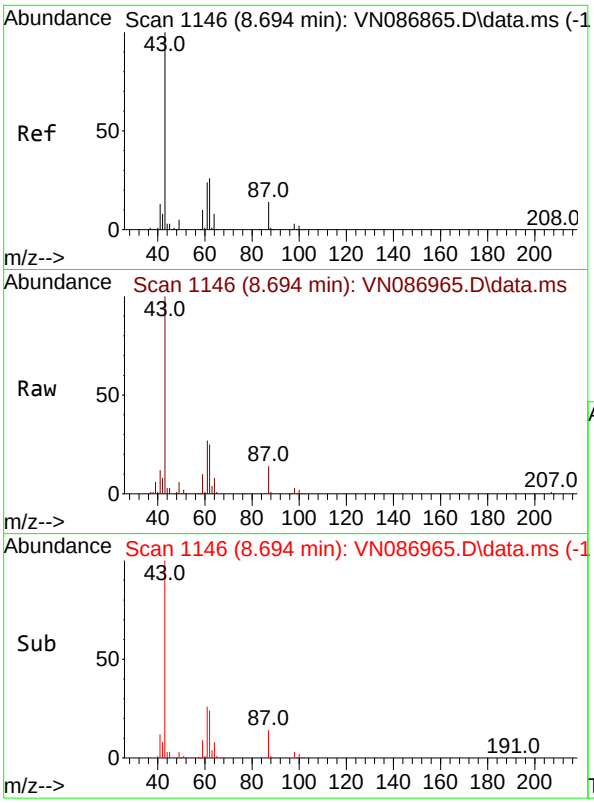


#42
1,2-Dichloroethane
Concen: 53.873 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 62 Resp: 153959

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.2





#43
Isopropyl Acetate
Concen: 53.857 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 31705

Ion	Ratio	Lower	Upper
43	100		
61	28.1	22.1	33.1
87	15.2	11.8	17.6

Instrument :
MSVOA_N
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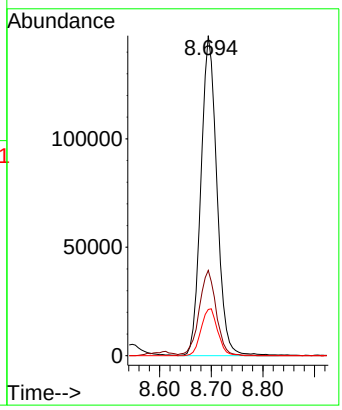
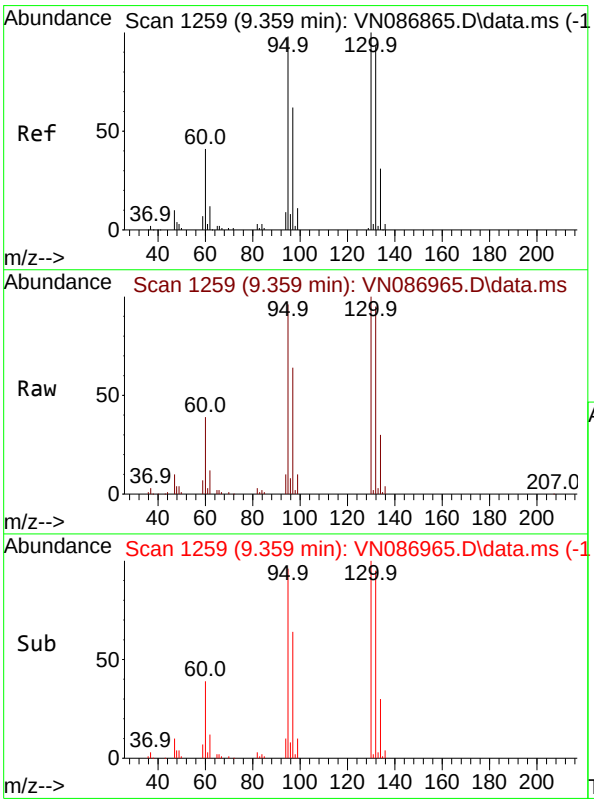
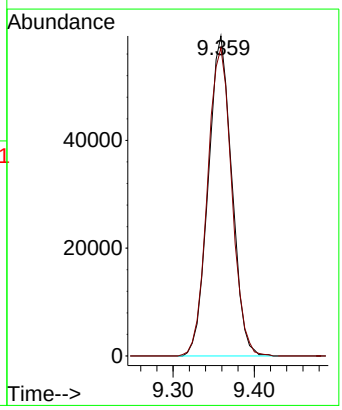


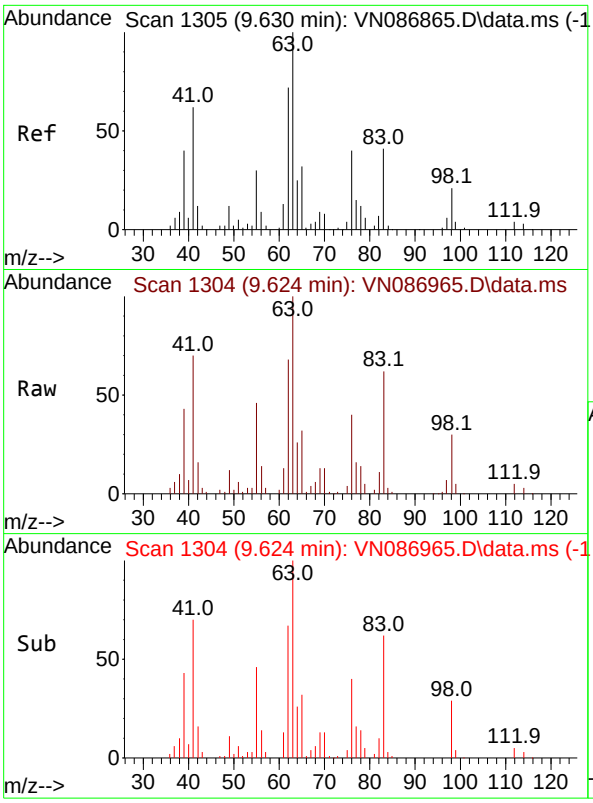


#44
Trichloroethene
Concen: 53.458 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:130 Resp: 119433

Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	196.2

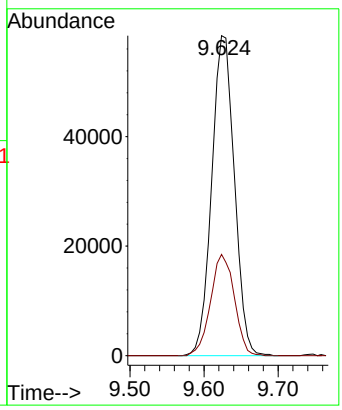




#45
1,2-Dichloropropane
Concen: 54.196 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 63 Resp: 12423

Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
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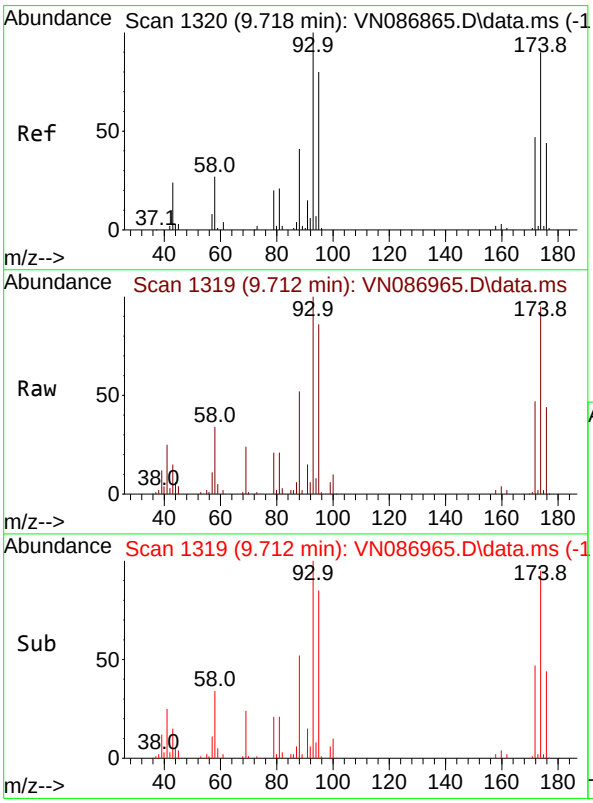
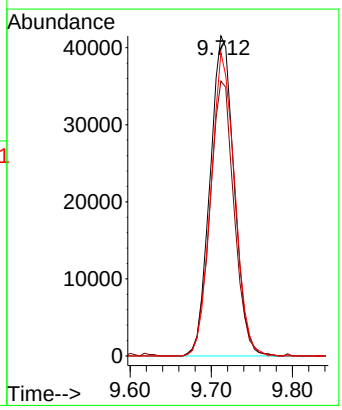
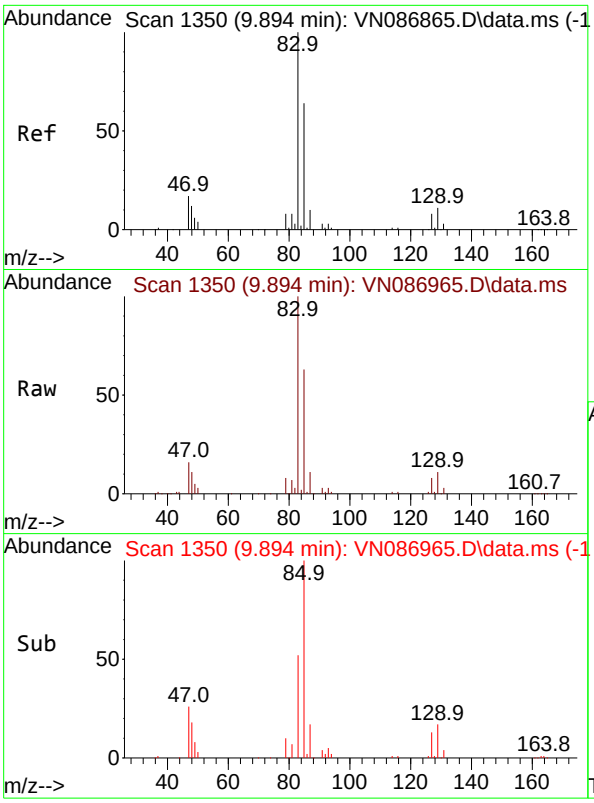


#46
Dibromomethane
Concen: 56.431 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 93 Resp: 85919

Ion	Ratio	Lower	Upper
93	100		
95	85.6	67.1	100.7
174	93.3	74.2	111.4

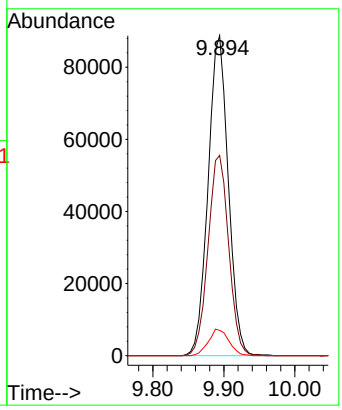




#47
Bromodichloromethane
Concen: 55.894 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 83 Resp: 17509

Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.9	76.3
127	7.9	6.6	10.0



Instrument :
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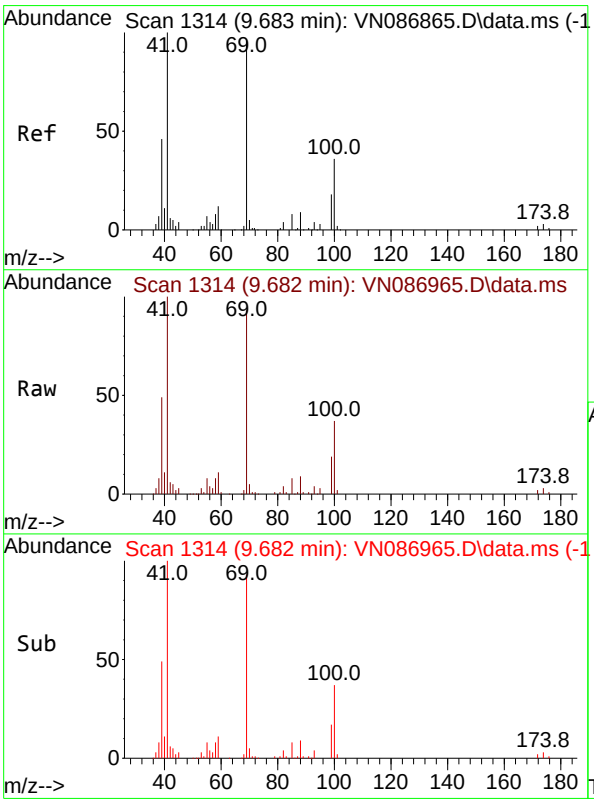
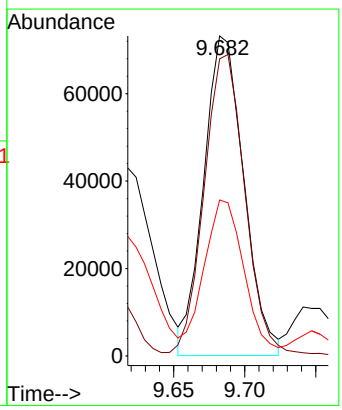
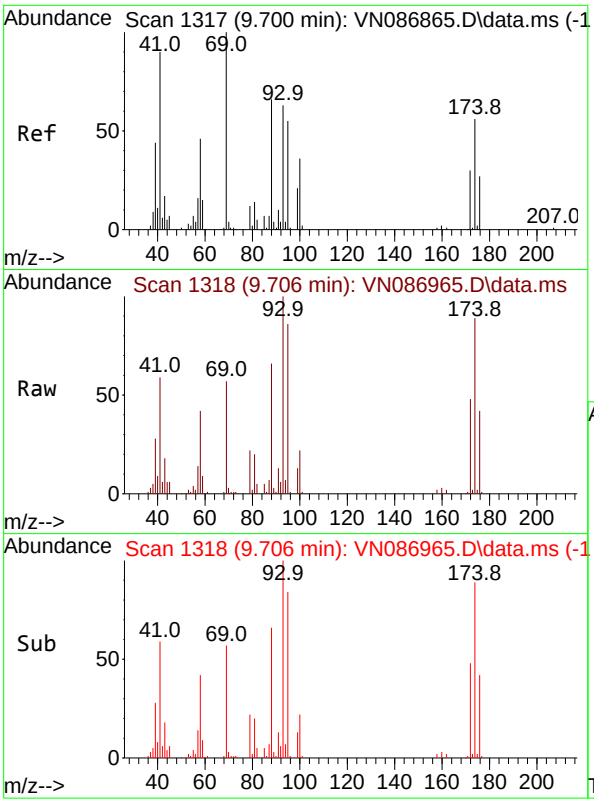


#48
Methyl methacrylate
Concen: 53.046 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 41 Resp: 143734

Ion	Ratio	Lower	Upper
41	100		
69	96.2	74.6	112.0
39	49.3	40.2	60.4

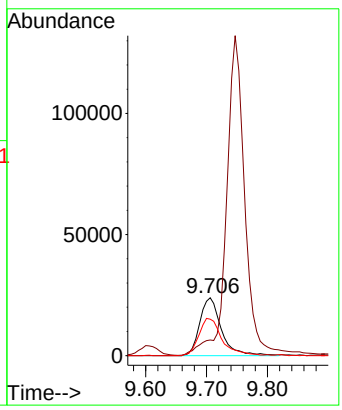




#49
1,4-Dioxane
Concen: 1194.044 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 88 Resp: 5885

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	69.1	57.7	86.5



Instrument :
MSVOA_N
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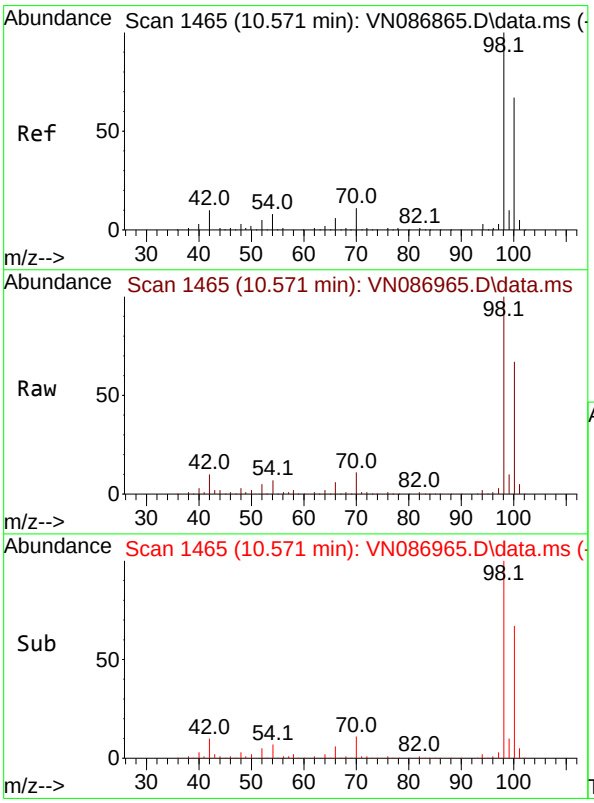
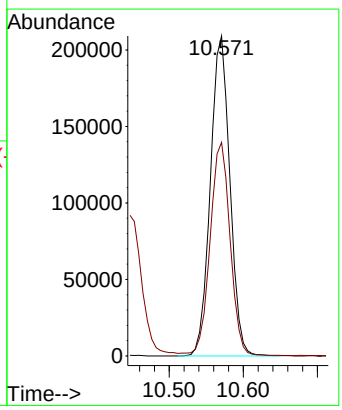
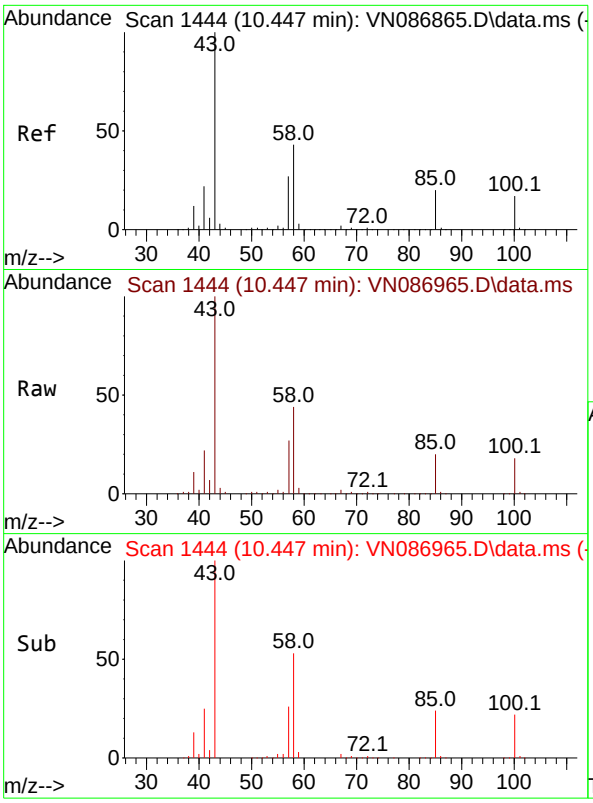


#50
Toluene-d8
Concen: 49.914 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 98 Resp: 382080

Ion	Ratio	Lower	Upper
98	100		
100	68.3	53.4	80.0





#51
4-Methyl-2-Pentanone
Concen: 281.028 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 99598

Ion	Ratio	Lower	Upper
43	100		
58	43.6	34.2	51.4

Instrument :
MSVOA_N
ClientSampleId :
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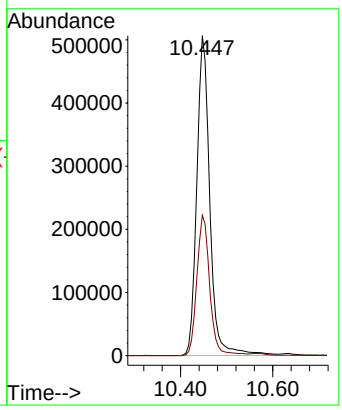
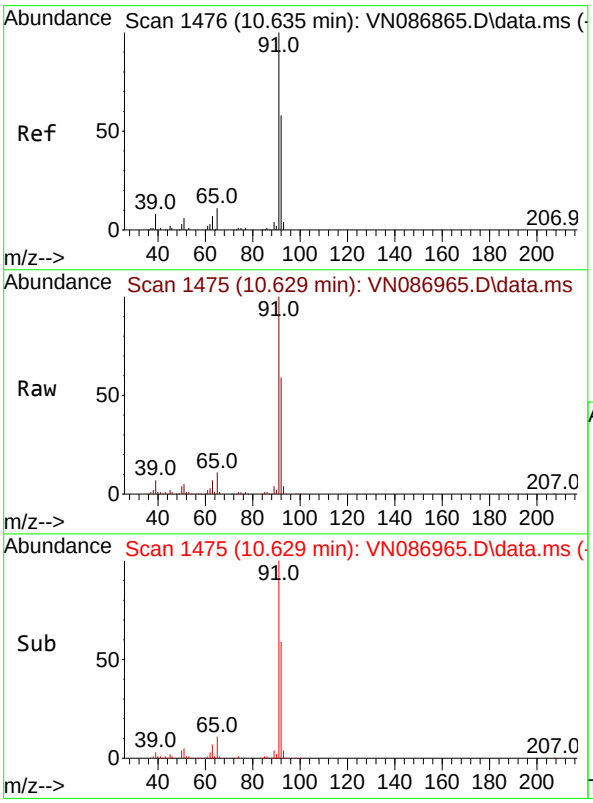
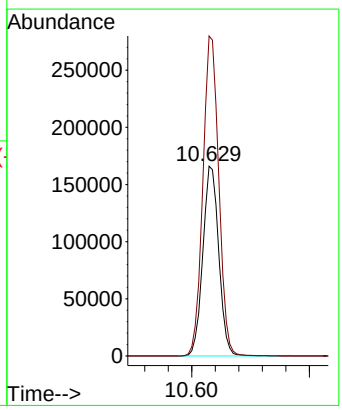


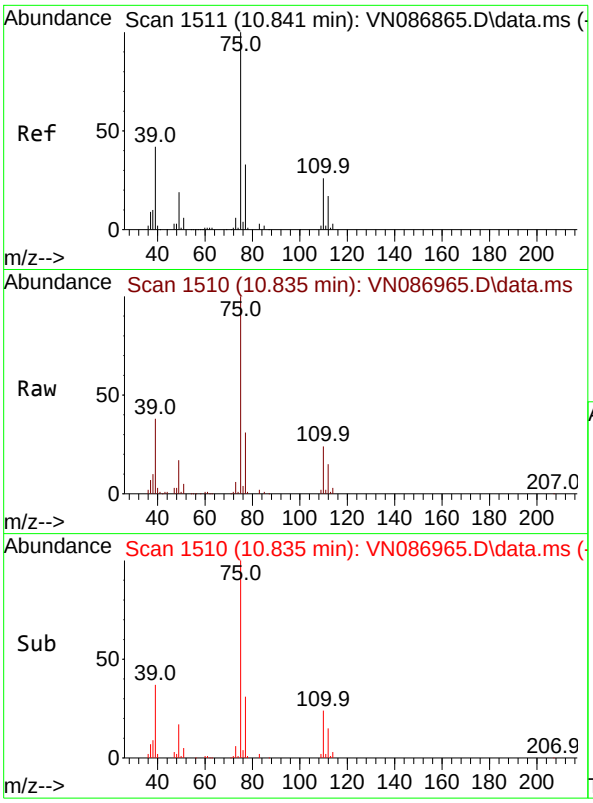


#52
Toluene
Concen: 53.976 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 92 Resp: 310797

Ion	Ratio	Lower	Upper
92	100		
91	169.1	136.5	204.7

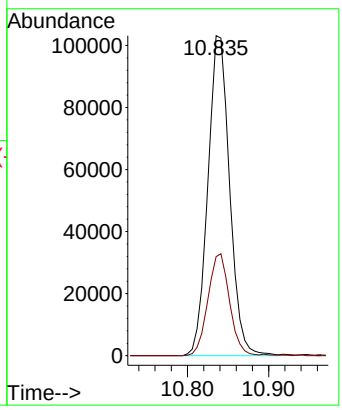




#53
t-1,3-Dichloropropene
Concen: 54.745 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 19176

Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.4	39.6



Instrument :
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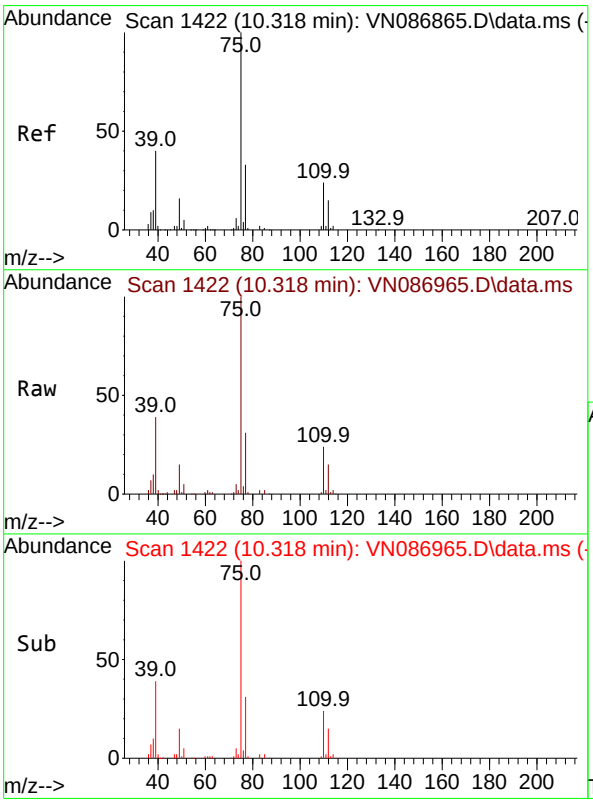
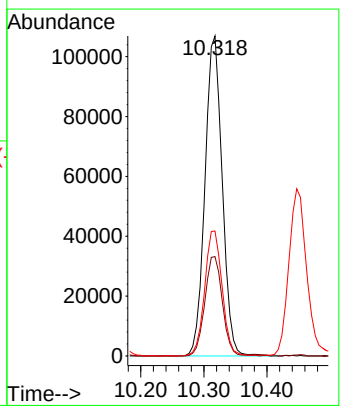
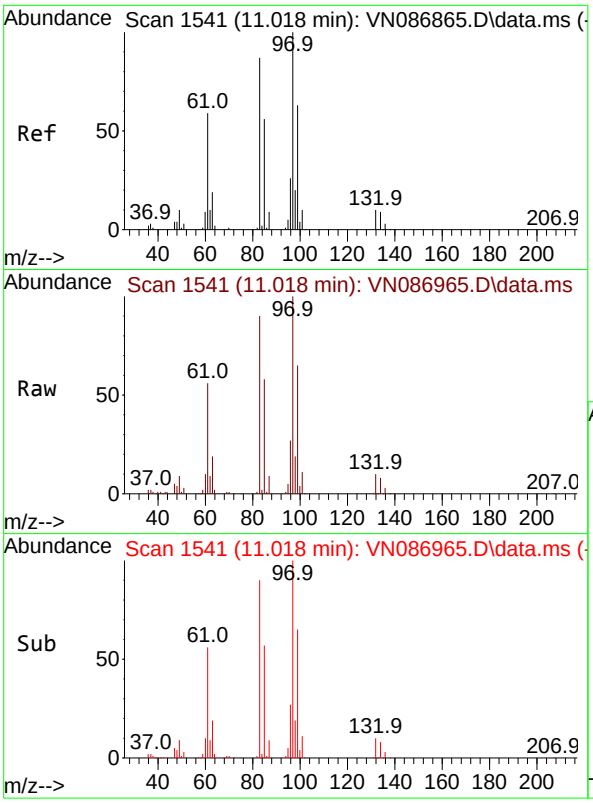


#54
cis-1,3-Dichloropropene
Concen: 54.242 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 203300

Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.4
39	39.0	32.3	48.5

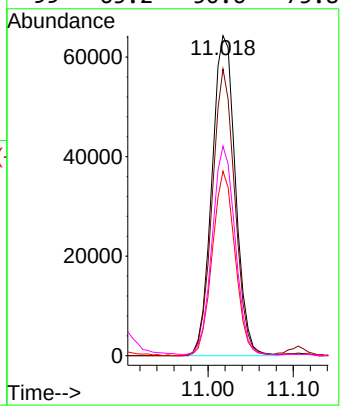




#55
1,1,2-Trichloroethane
Concen: 55.842 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 97 Resp: 12372

Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.7	104.5
85	57.7	45.1	67.7
99	65.2	50.6	75.8



Instrument :
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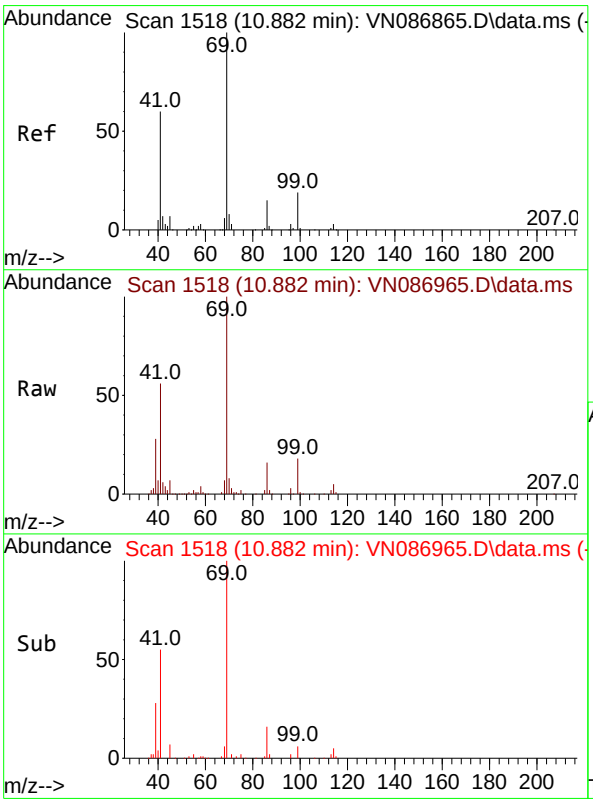
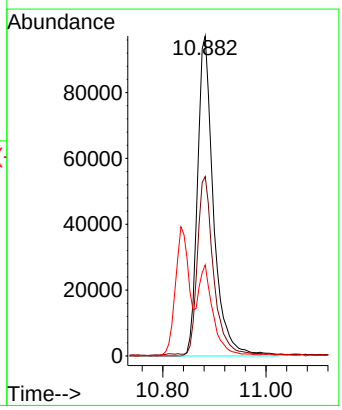
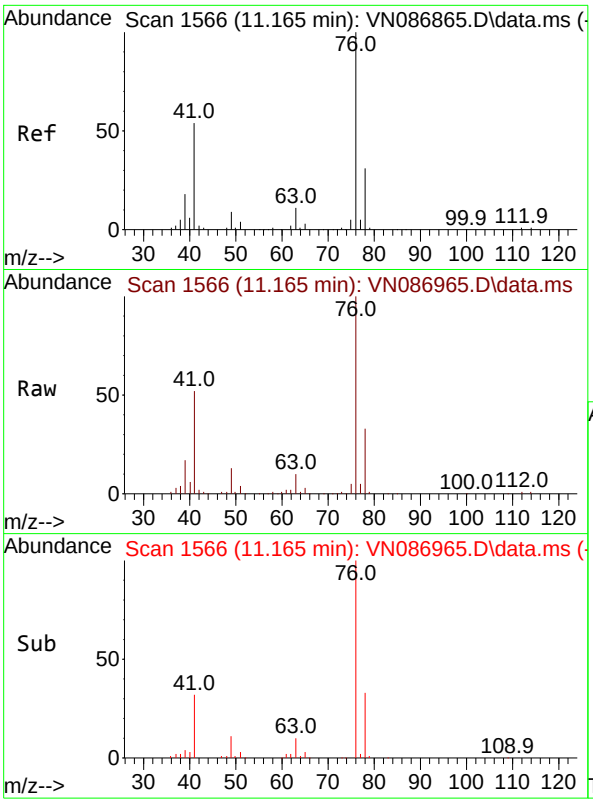


#56
Ethyl methacrylate
Concen: 59.246 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 69 Resp: 209075

Ion	Ratio	Lower	Upper
69	100		
41	55.6	47.2	70.8
39	26.5	23.0	34.6

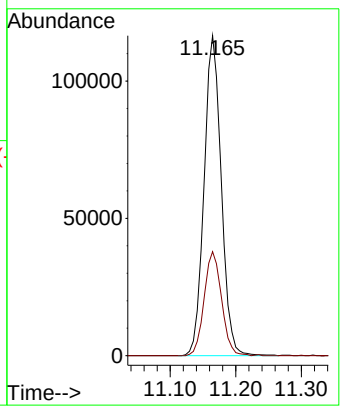




#57
1,3-Dichloropropane
Concen: 55.319 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 76 Resp: 21261

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.3	37.9



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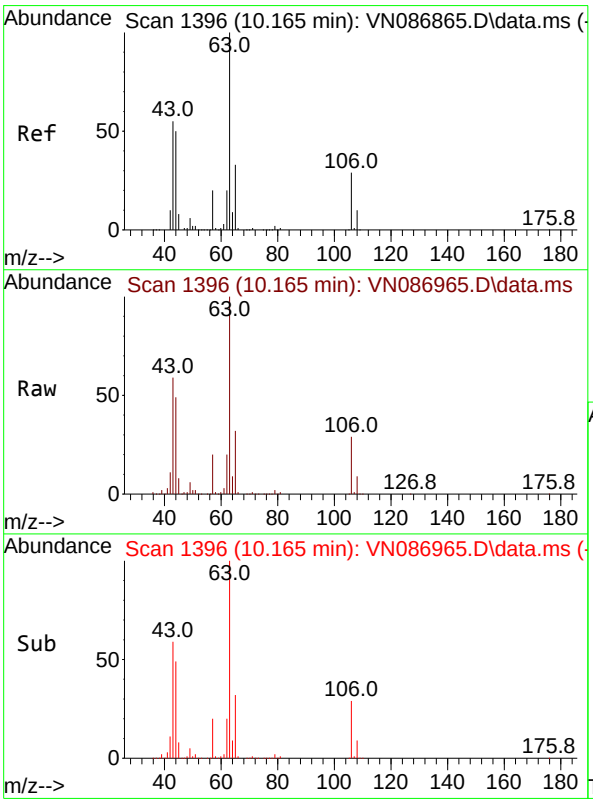
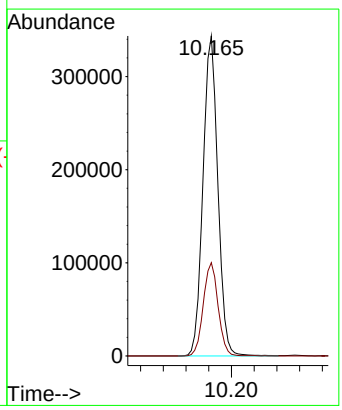
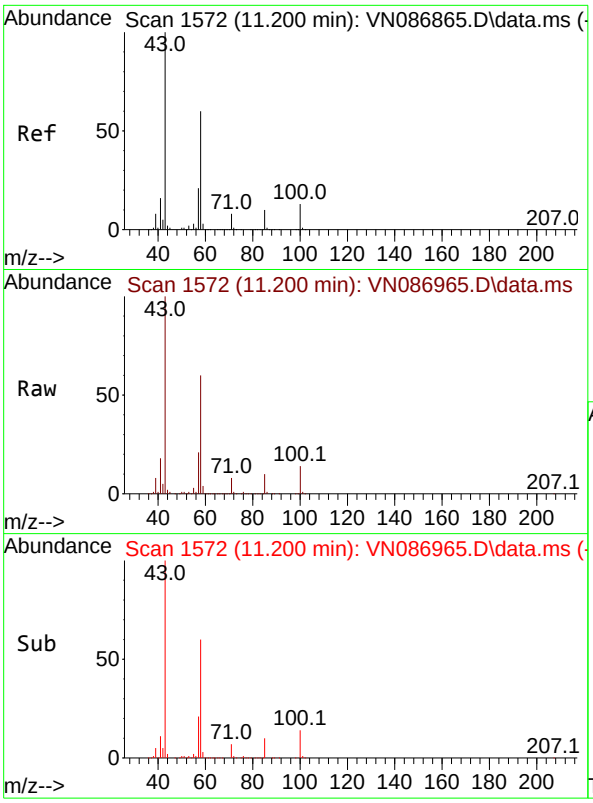


#58
2-Chloroethyl Vinyl ether
Concen: 295.338 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 63 Resp: 621634

Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.0	34.6





#59
2-Hexanone
Concen: 289.751 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 66146

Ion	Ratio	Lower	Upper
43	100		
58	65.1	30.4	91.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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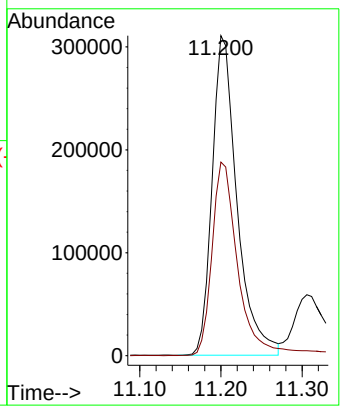
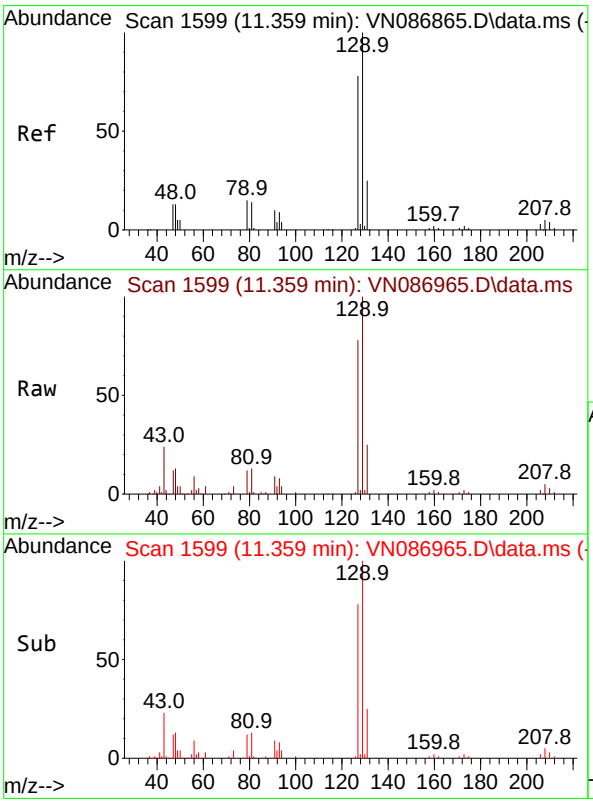
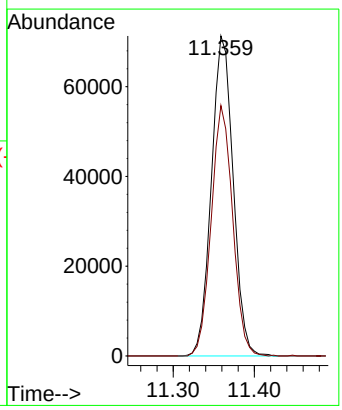


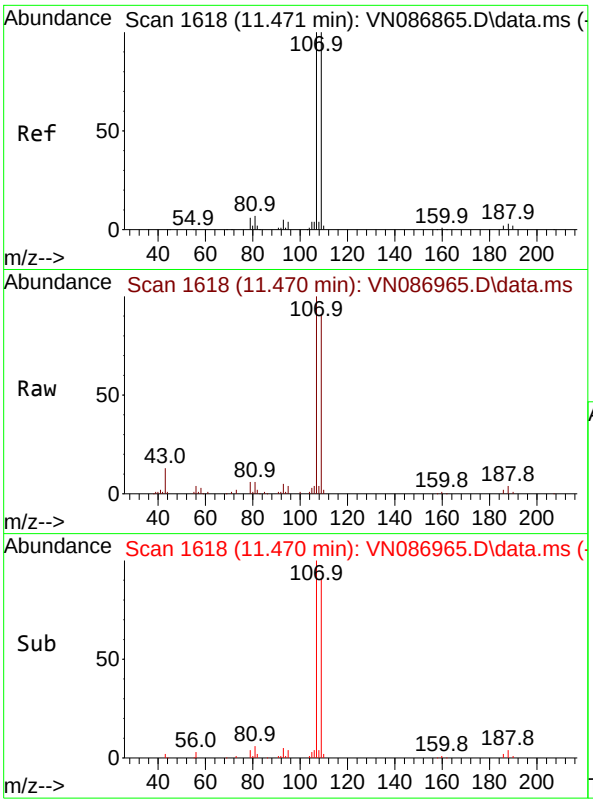


#60
Dibromochloromethane
Concen: 57.580 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:129 Resp: 132918

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.8





#61
1,2-Dibromoethane
Concen: 56.119 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:107 Resp: 12744

Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.3	114.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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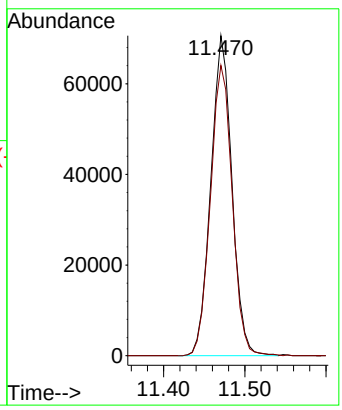
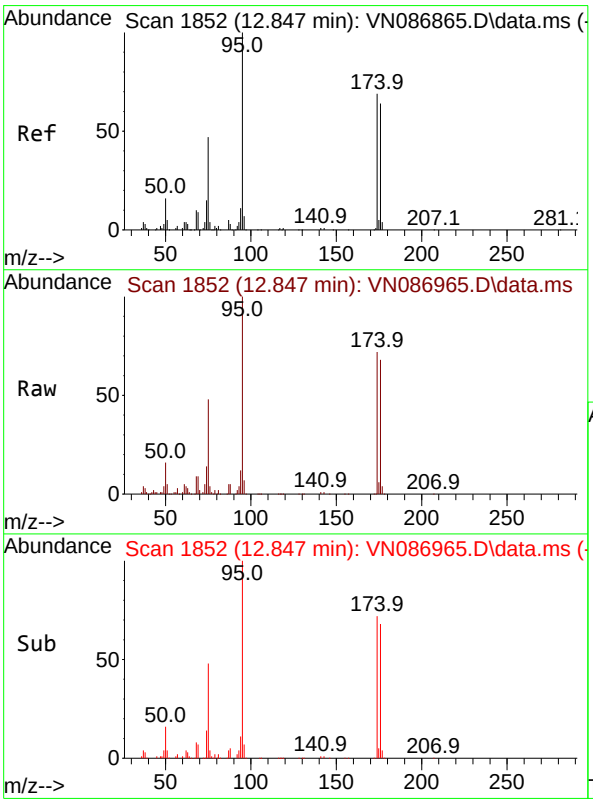
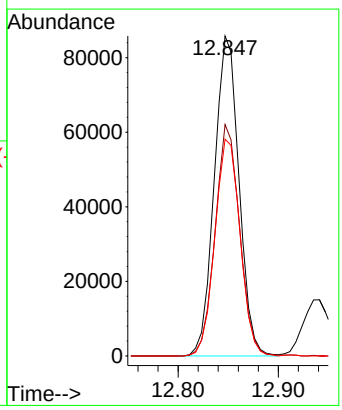


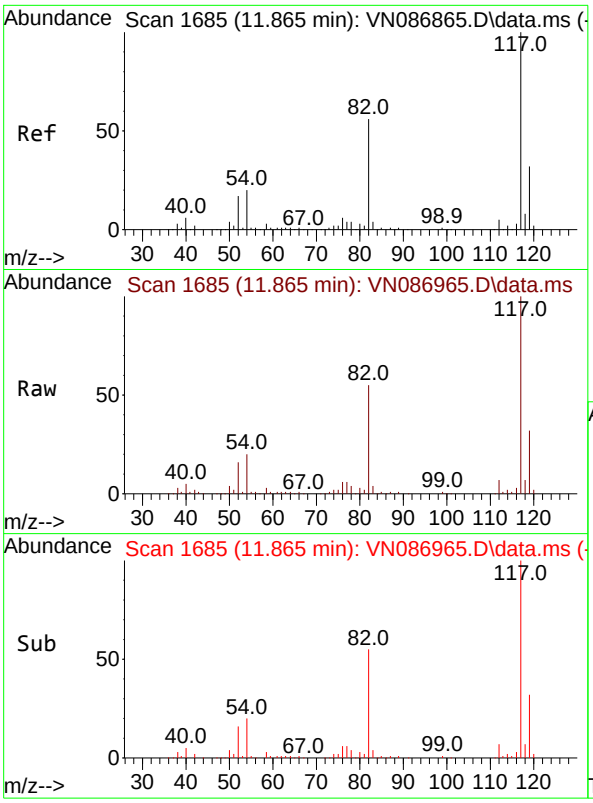


#62
4-Bromofluorobenzene
Concen: 51.499 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 95 Resp: 146464

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	141.8
176	69.3	0.0	132.6

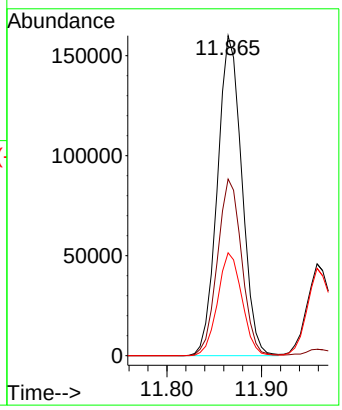




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:117 Resp: 28663

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	67.0
119	32.2	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
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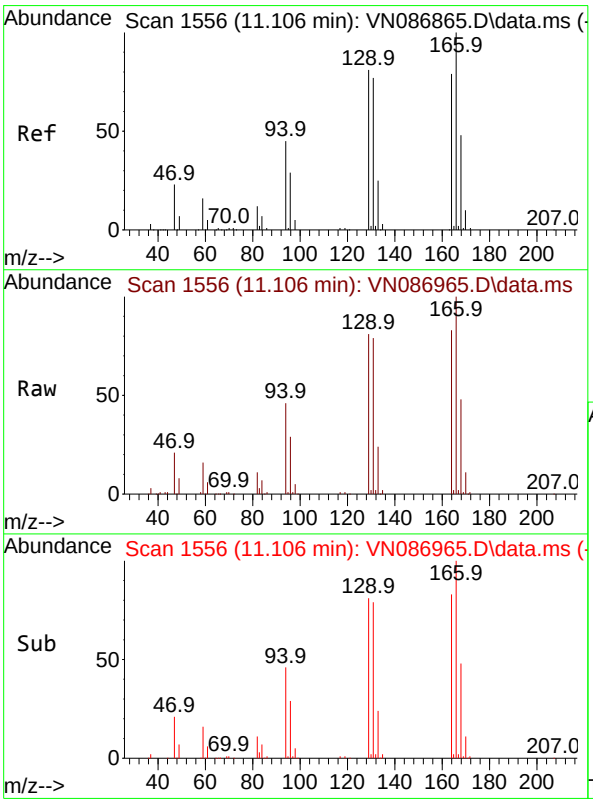
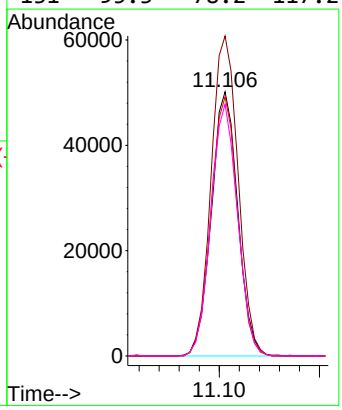
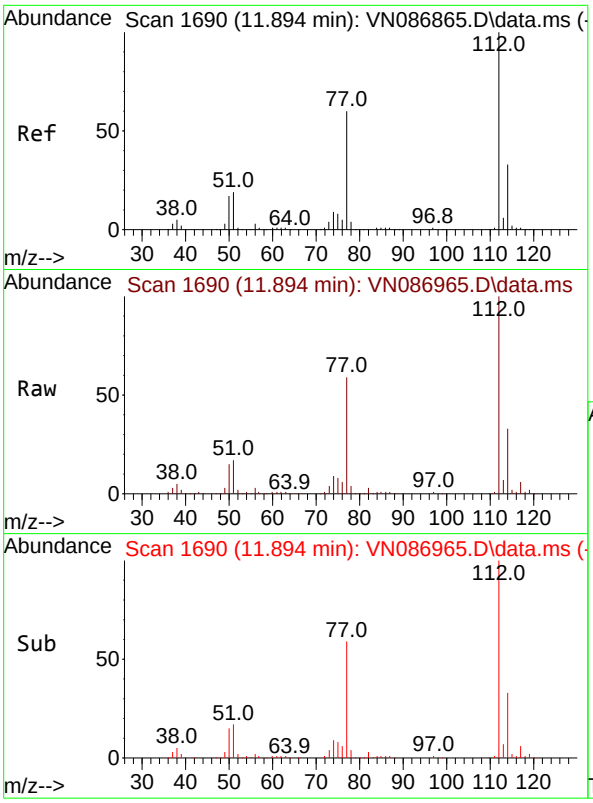


#64
Tetrachloroethene
Concen: 50.534 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:164 Resp: 91667

Ion	Ratio	Lower	Upper
164	100		
166	121.1	101.8	152.8
129	98.1	83.0	124.4
131	95.3	78.2	117.2

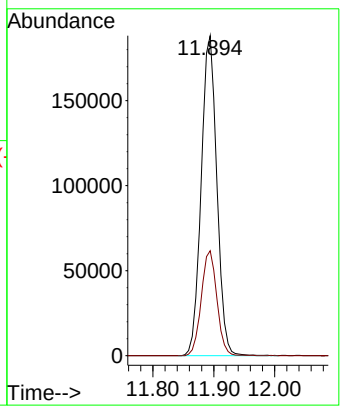




#65
Chlorobenzene
Concen: 53.206 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:112 Resp: 33635

Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.2	39.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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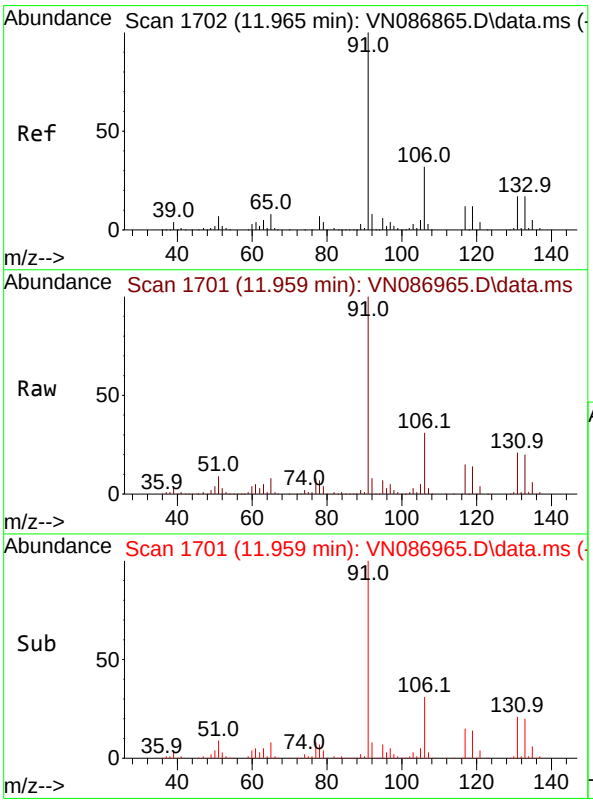
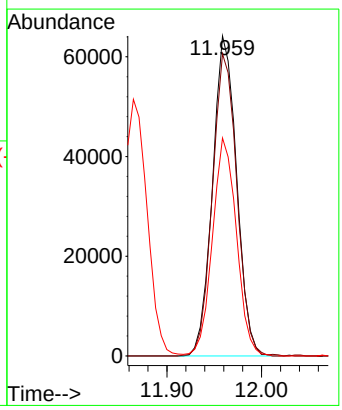
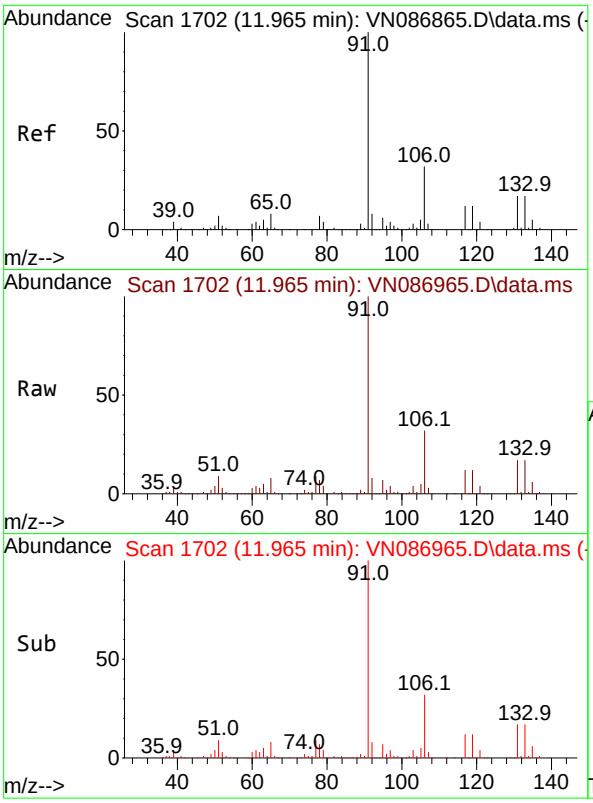


#66
1,1,1,2-Tetrachloroethane
Concen: 55.835 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:131 Resp: 113463

Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.3	144.8
119	67.8	34.0	101.8





#67
Ethyl Benzene
Concen: 52.952 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 91 Resp: 57659

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.4	38.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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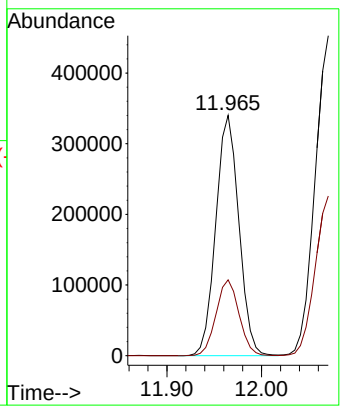
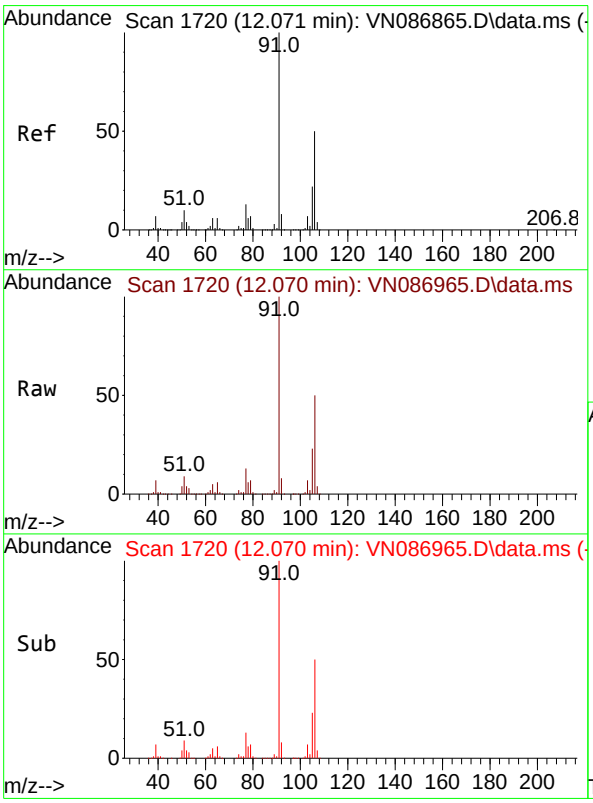
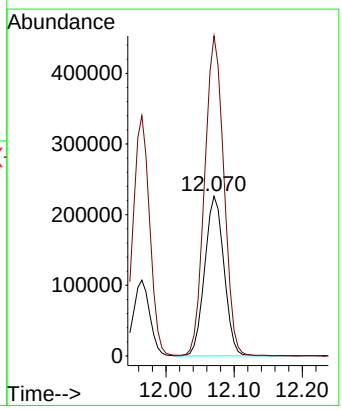


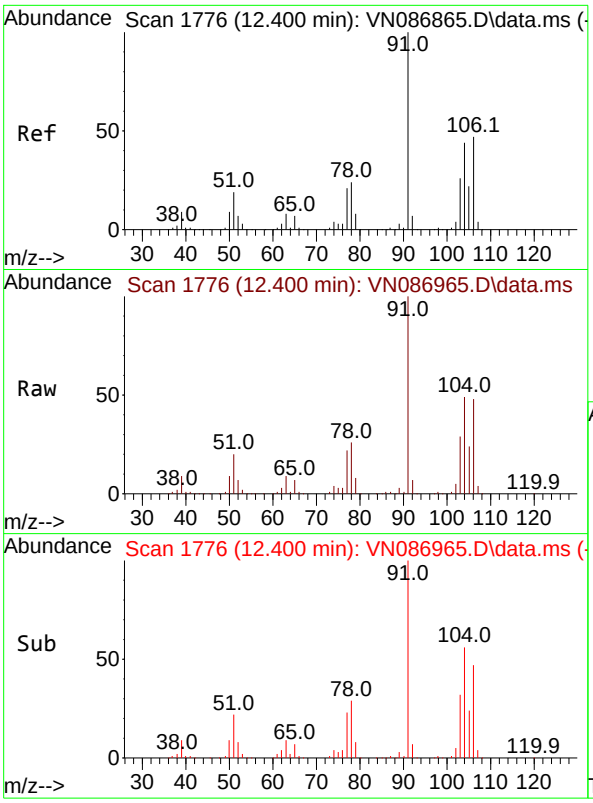


#68
m/p-Xylenes
Concen: 106.561 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:106 Resp: 444183

Ion	Ratio	Lower	Upper
106	100		
91	199.8	159.4	239.0

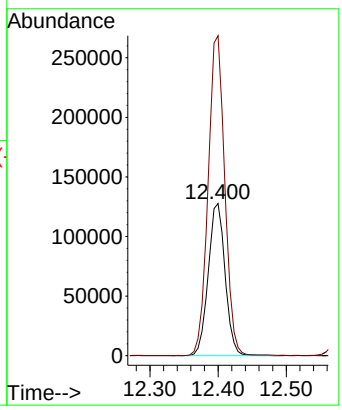




#69
o-Xylene
Concen: 54.963 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:106 Resp: 21942

Ion	Ratio	Lower	Upper
106	100		
91	208.2	106.1	318.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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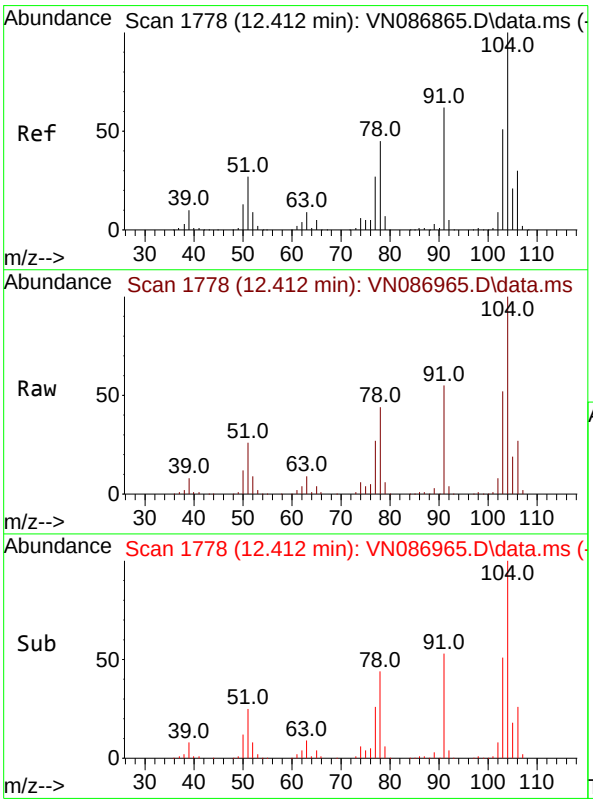
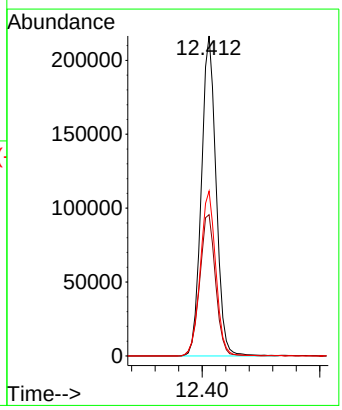
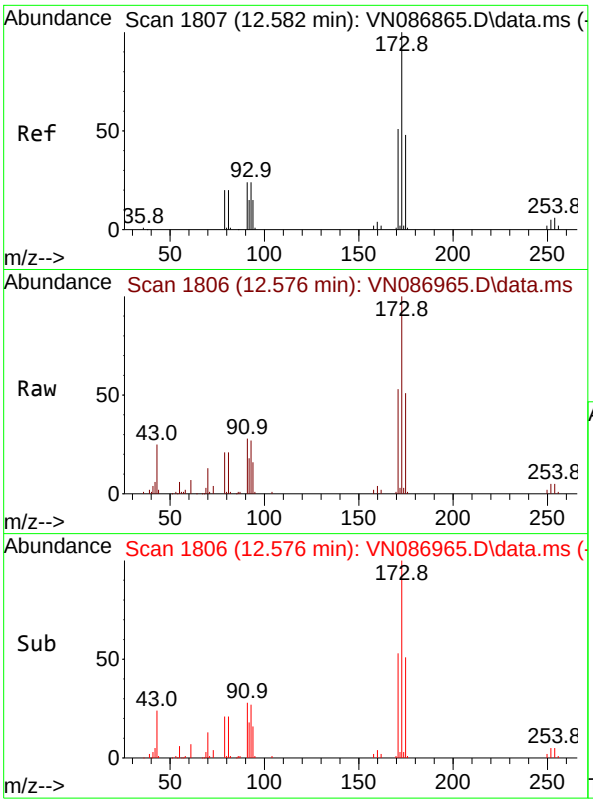


#70
Styrene
Concen: 55.293 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:104 Resp: 377725

Ion	Ratio	Lower	Upper
104	100		
78	47.3	38.5	57.7
103	53.9	43.1	64.7

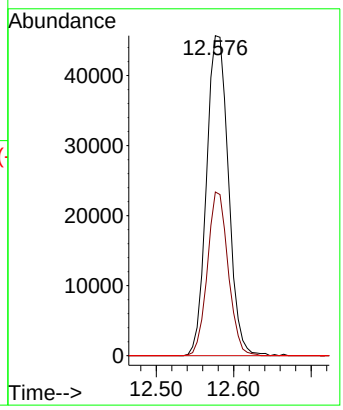




#71
Bromoform
Concen: 59.559 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:173 Resp: 8967

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.4
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
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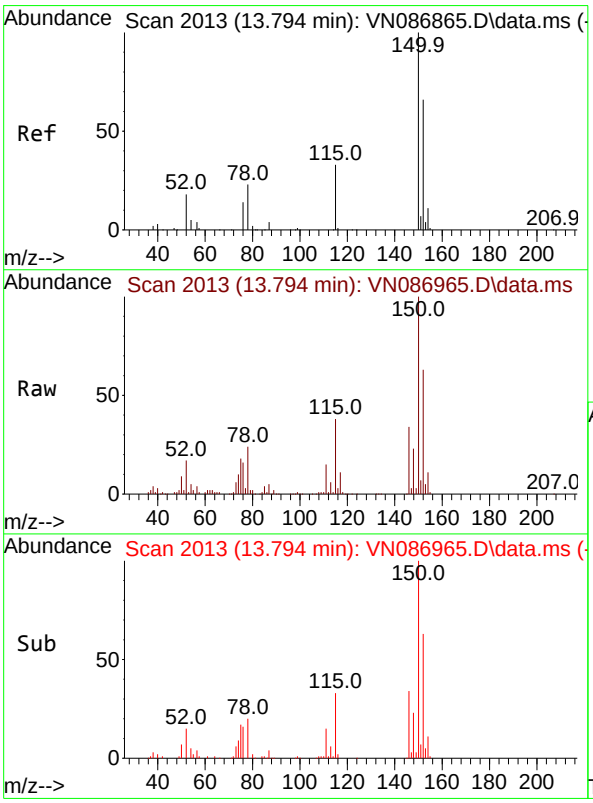
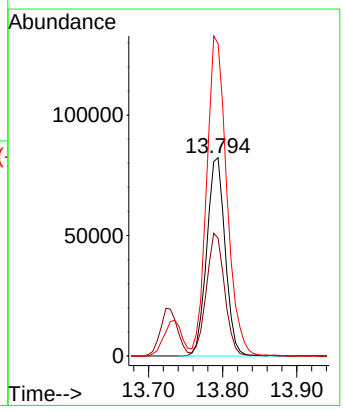
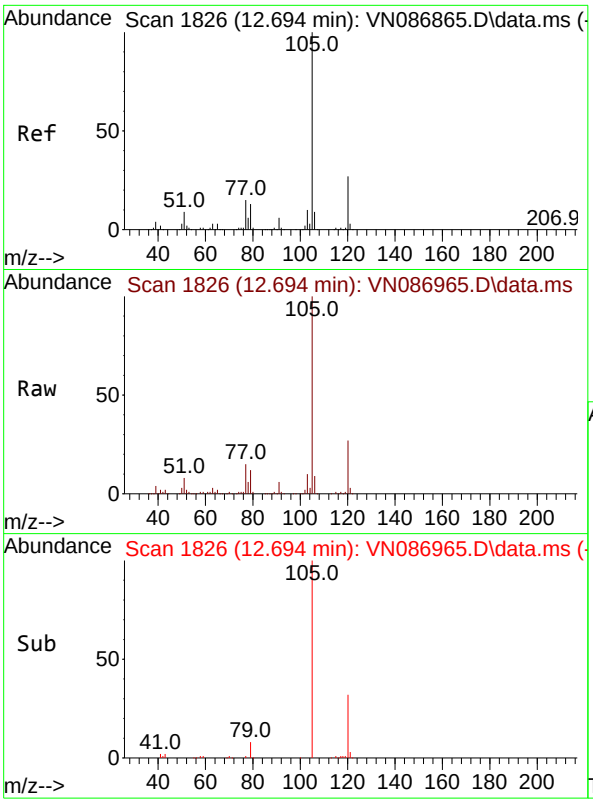


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:152 Resp: 142002

Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.1	90.5
150	176.0	0.0	345.0

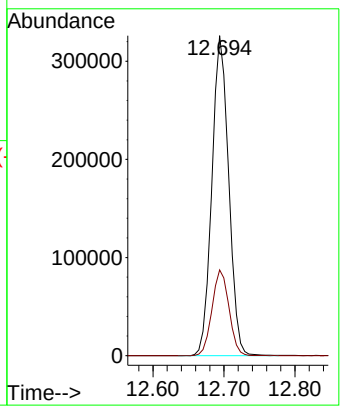




#73
Isopropylbenzene
Concen: 51.622 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:105 Resp: 53403

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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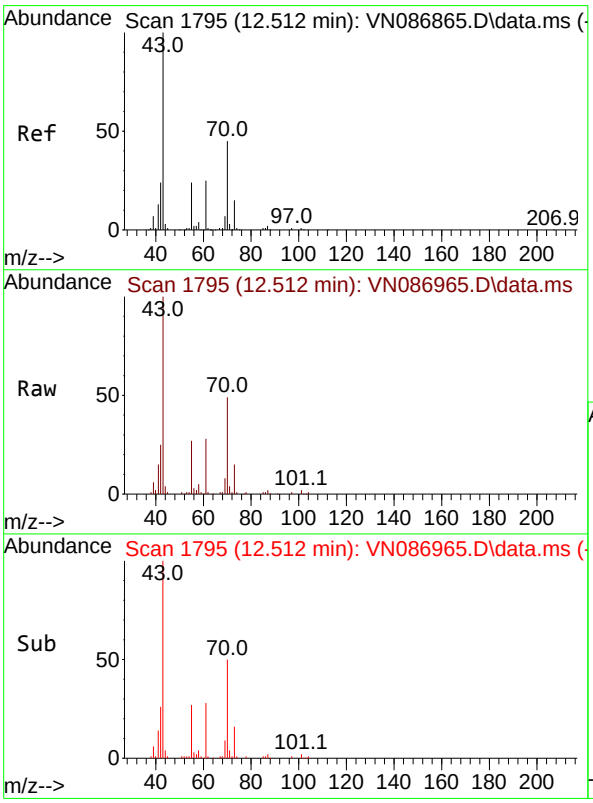
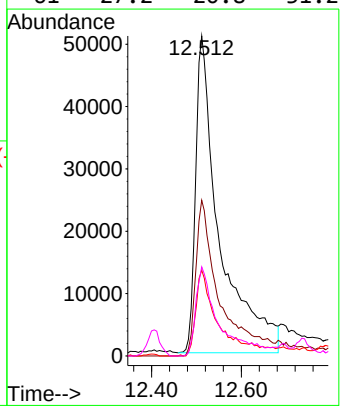
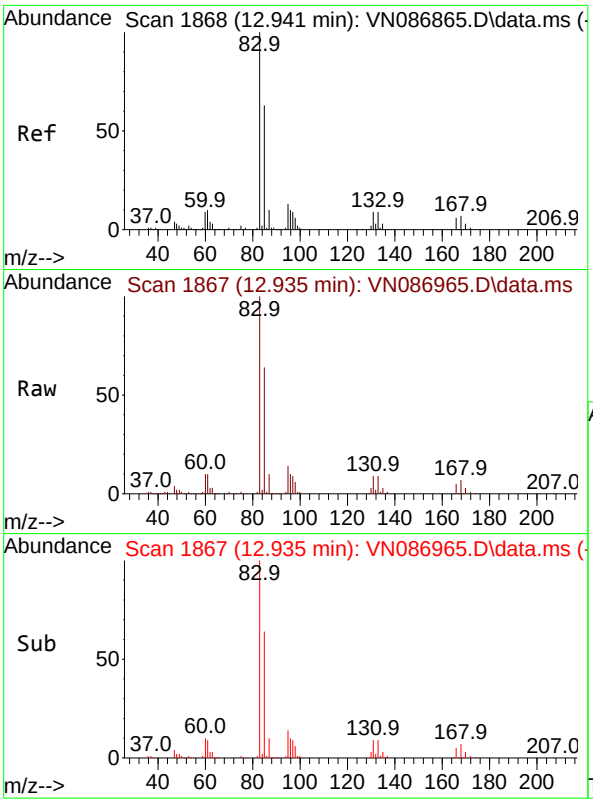


#74
N-amyl acetate
Concen: 52.216 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 188759

Ion	Ratio	Lower	Upper
43	100		
70	49.1	37.6	56.4
55	26.3	19.0	28.6
61	27.2	20.8	31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 57.301 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 83 Resp: 20082

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	64.7	32.0	96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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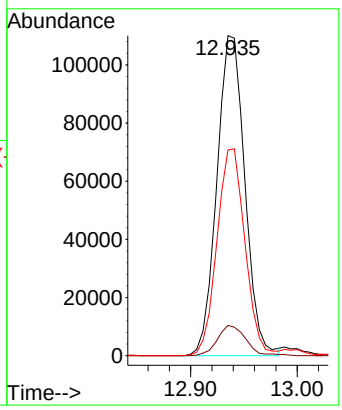
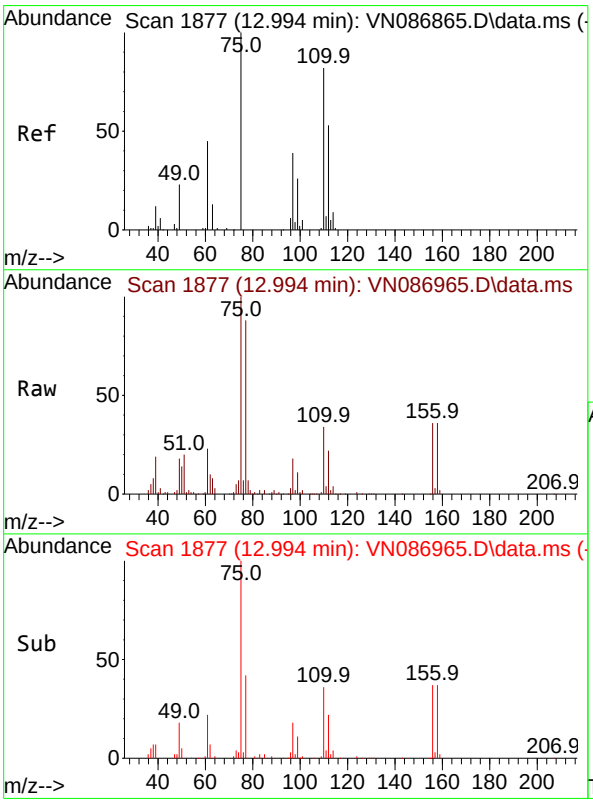
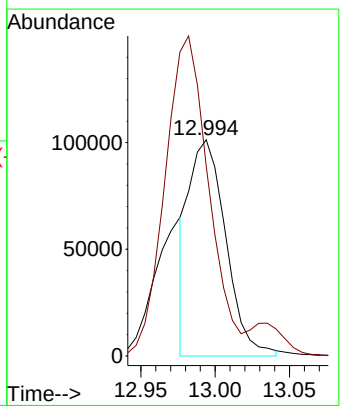


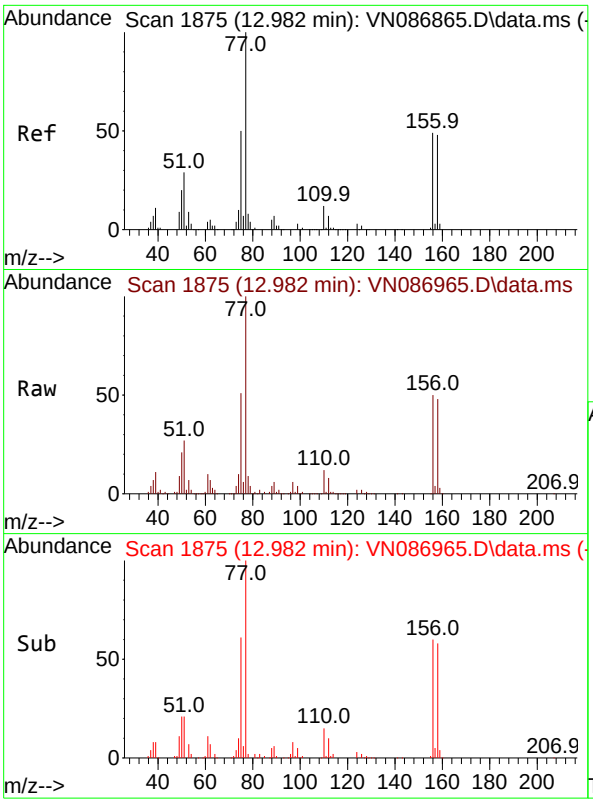


#76
1,2,3-Trichloropropane
Concen: 51.664 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 174388

Ion	Ratio	Lower	Upper
75	100		
77	175.4	79.3	237.9

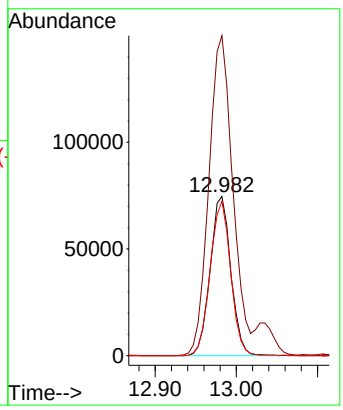




#77
Bromobenzene
Concen: 55.583 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:156 Resp: 13186

Ion	Ratio	Lower	Upper
156	100		
77	232.0	117.7	353.1
158	96.4	48.1	144.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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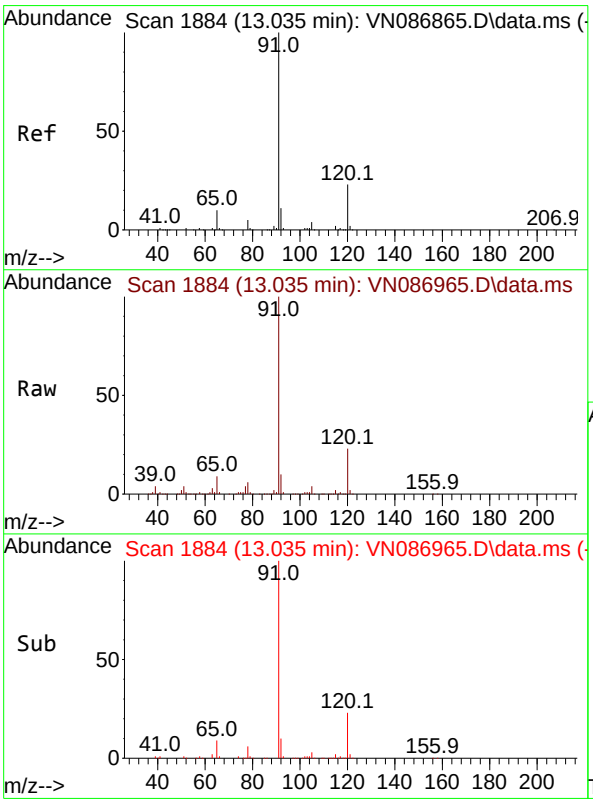
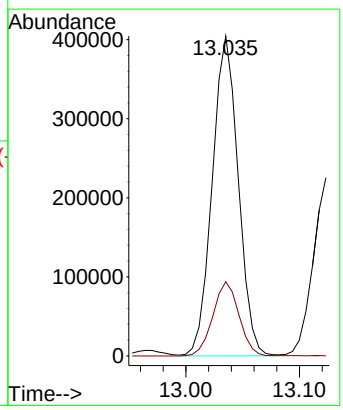
Supervised By :Semsettin Yesilyurt 06/12/2025

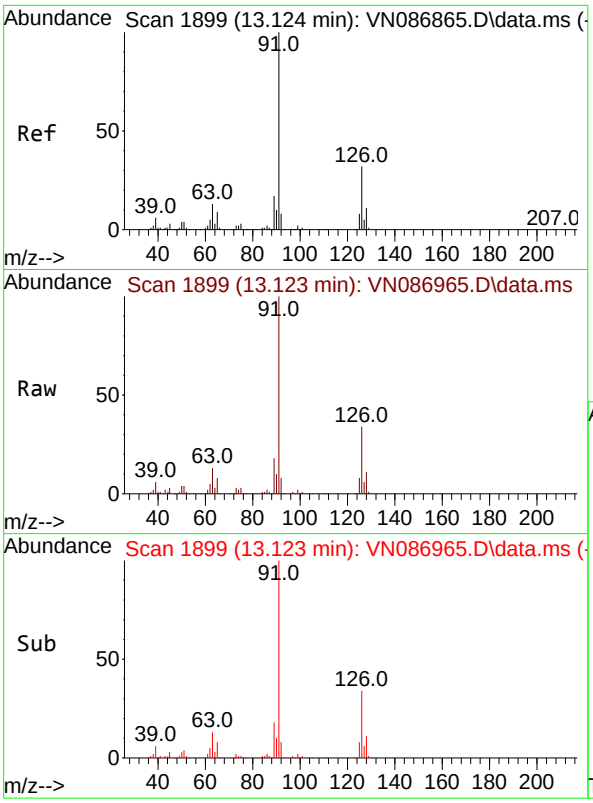


#78
n-propylbenzene
Concen: 51.178 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 91 Resp: 643398

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.4	34.2

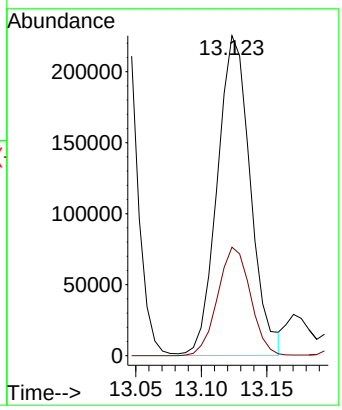




#79
2-Chlorotoluene
Concen: 52.371 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 91 Resp: 39485

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.2	48.5



Instrument :
MSVOA_N
ClientSampleId :
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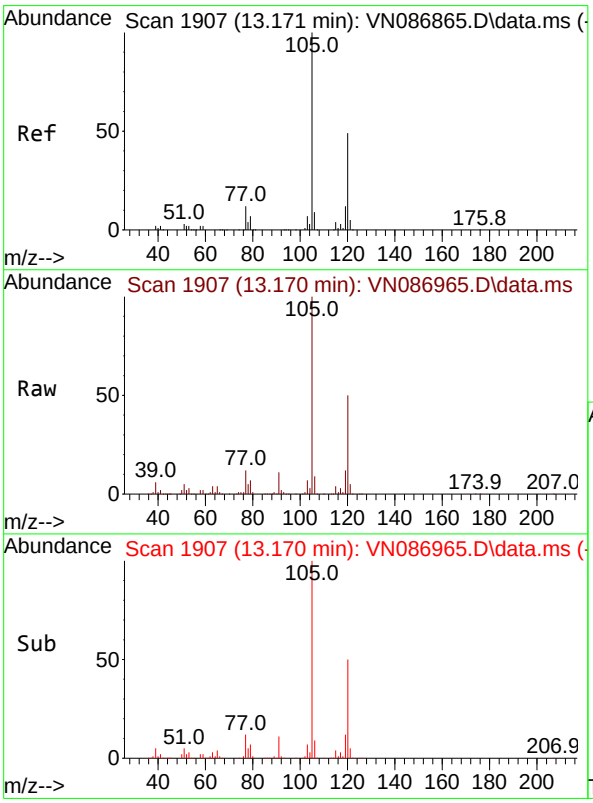
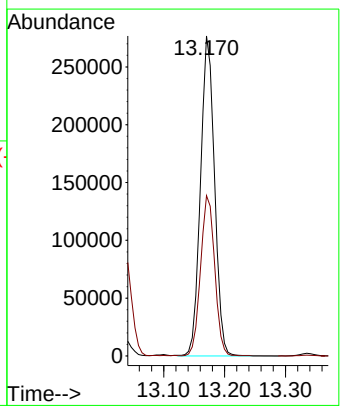
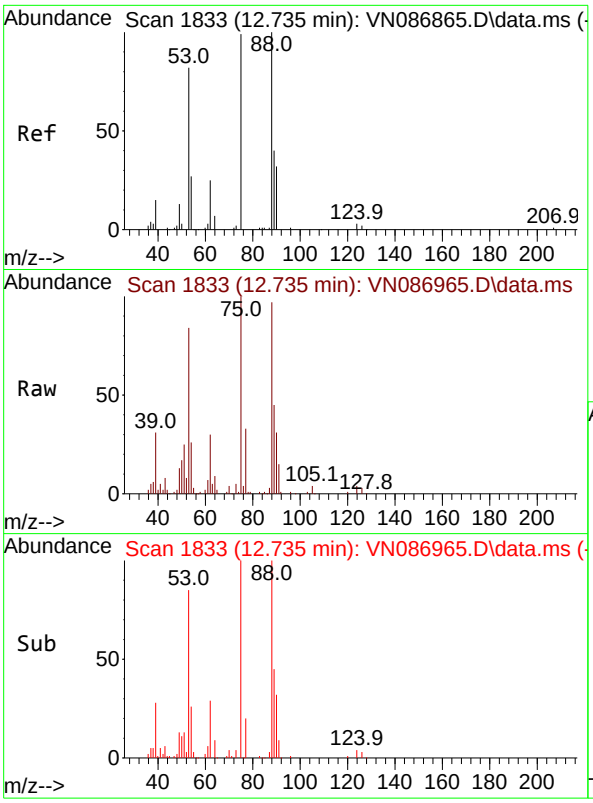


#80
1,3,5-Trimethylbenzene
Concen: 51.914 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:105 Resp: 443398

Ion	Ratio	Lower	Upper
105	100		
120	50.5	24.9	74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 49.328 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 7233

Ion	Ratio	Lower	Upper
75	100		
53	81.4	66.6	99.8
89	43.7	36.7	55.1

Instrument :
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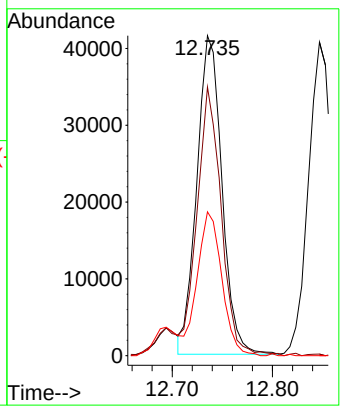
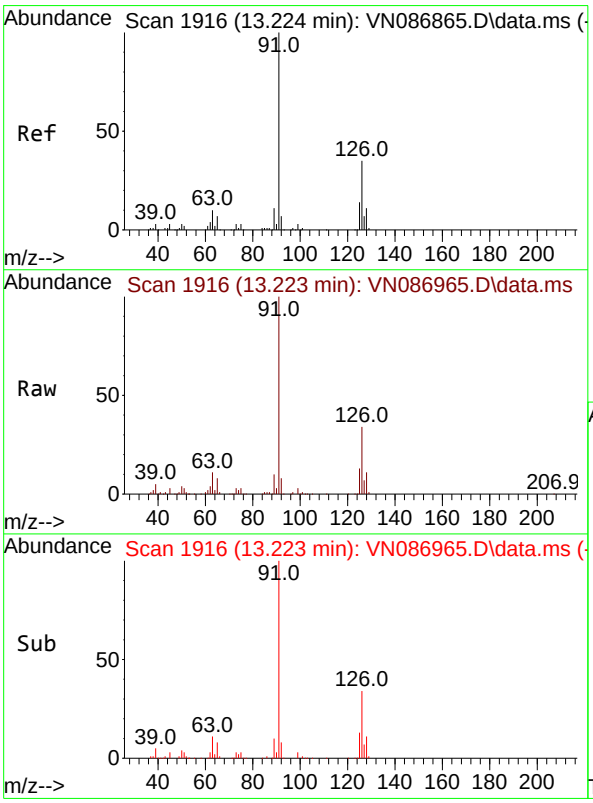
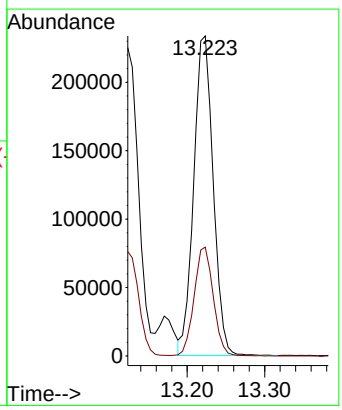


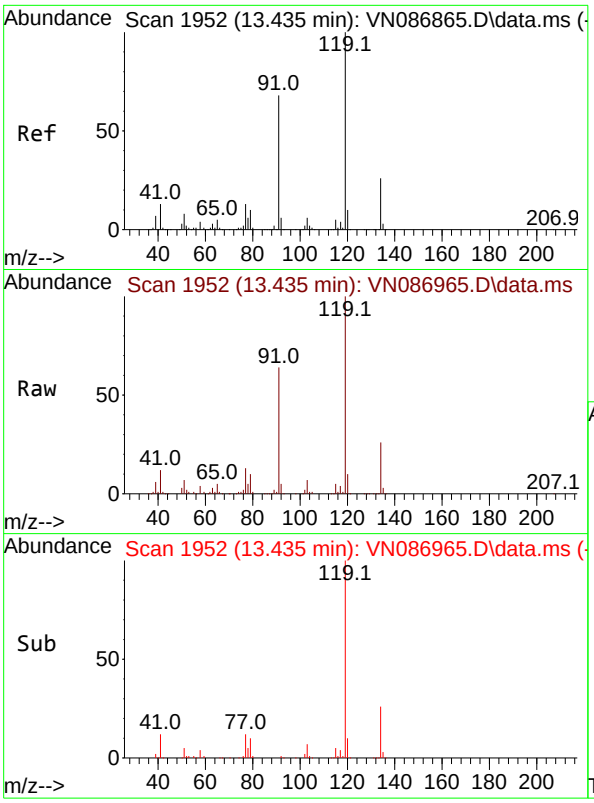


#82
4-Chlorotoluene
Concen: 53.310 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 91 Resp: 406685

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.7	50.1

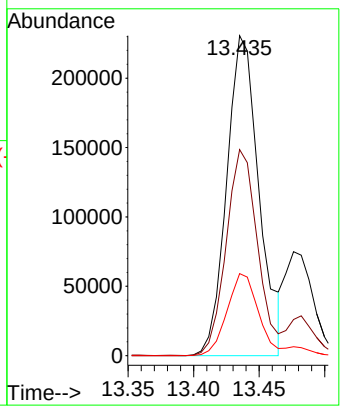




#83
tert-Butylbenzene
Concen: 50.730 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:119 Resp: 39661

Ion	Ratio	Lower	Upper
119	100		
91	62.4	32.1	96.5
134	25.1	13.4	40.1



Instrument :
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ClientSampleId :
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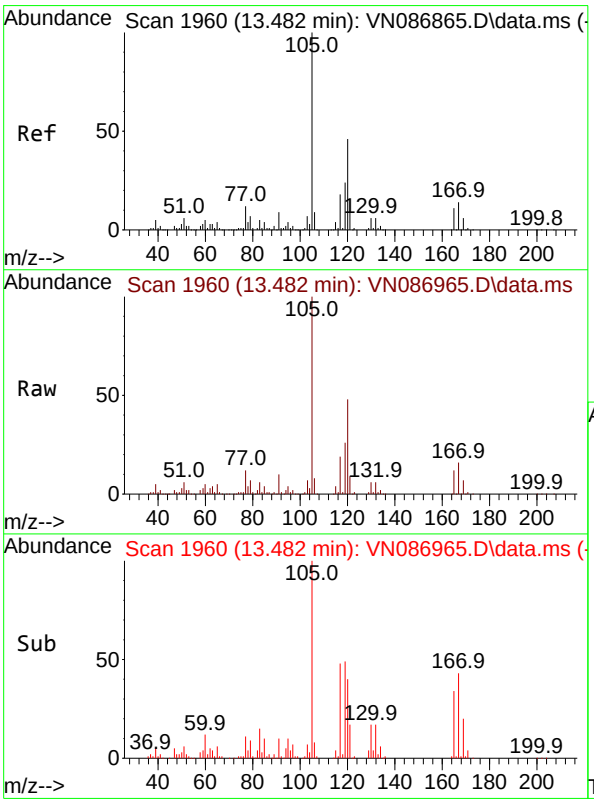
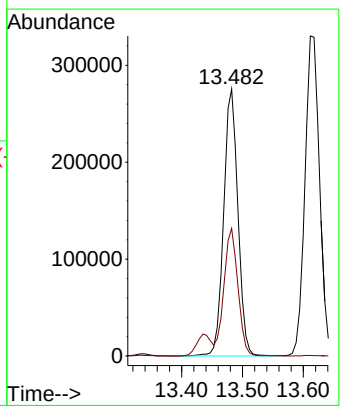
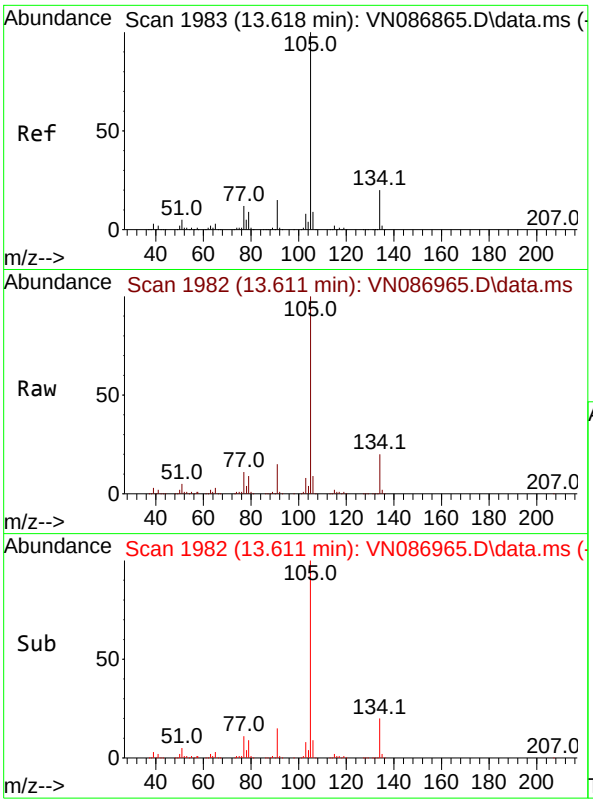


#84
1,2,4-Trimethylbenzene
Concen: 52.251 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:105 Resp: 447506

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.2	69.6





#85
sec-Butylbenzene
Concen: 48.432 ug/l
RT: 13.611 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:105 Resp: 54988

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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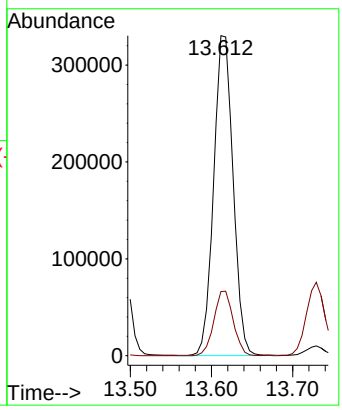
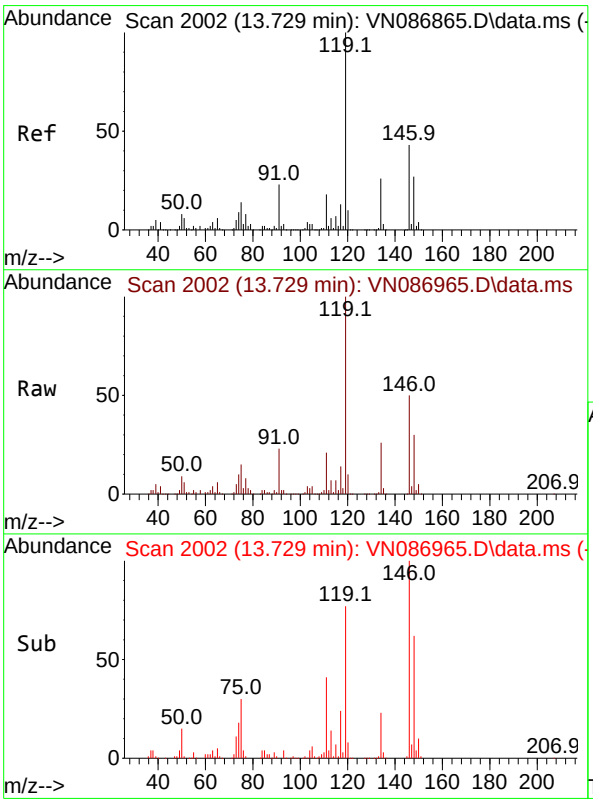
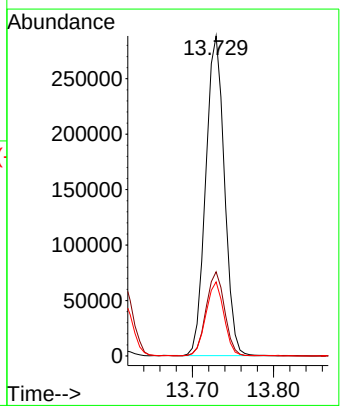


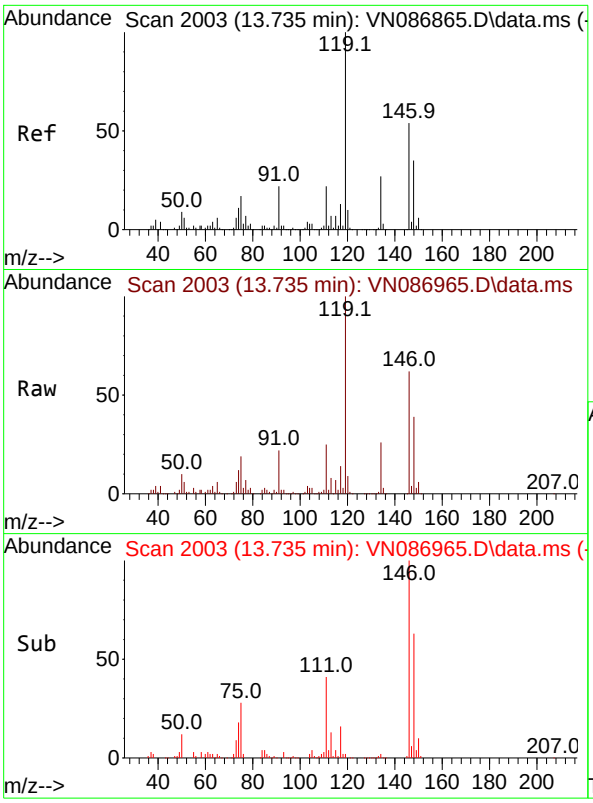


#86
p-Isopropyltoluene
Concen: 48.982 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:119 Resp: 459716

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.4
91	22.3	11.5	34.4

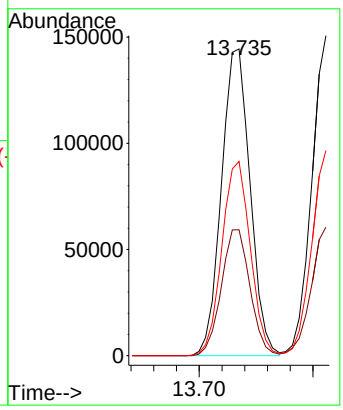




#87
1,3-Dichlorobenzene
Concen: 54.264 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:146 Resp: 25329

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.9	62.8
148	62.9	32.0	96.2



Instrument :
MSVOA_N
ClientSampleId :
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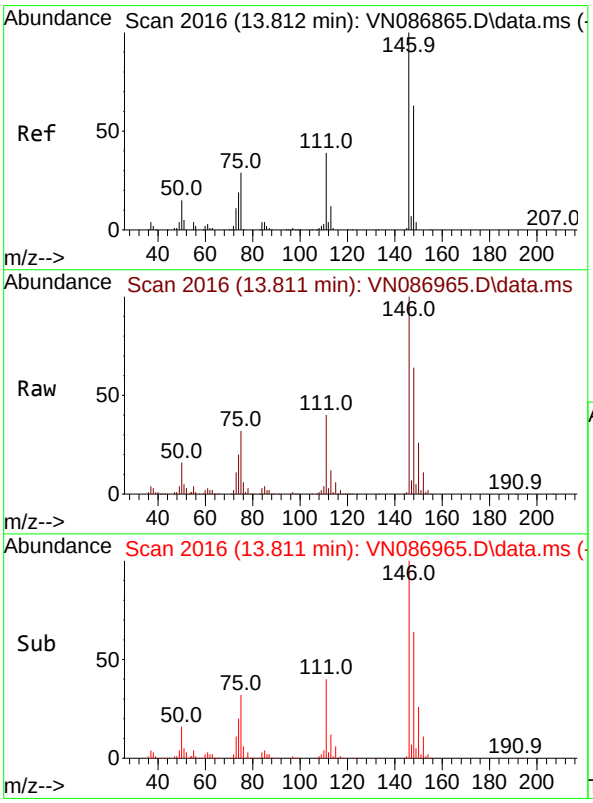
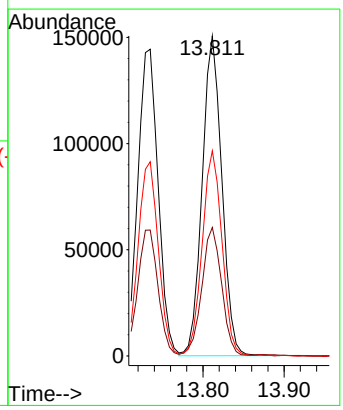
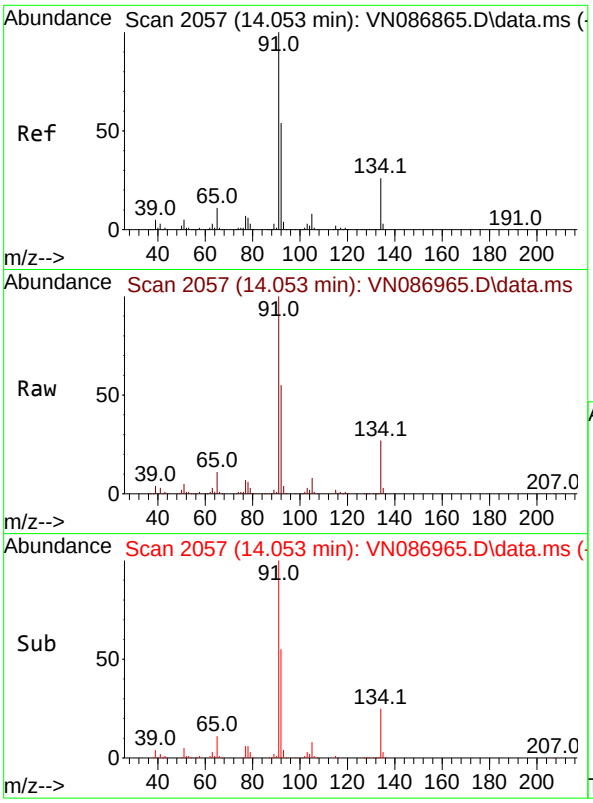


#88
1,4-Dichlorobenzene
Concen: 53.138 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:146 Resp: 252880

Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	64.2	31.8	95.4

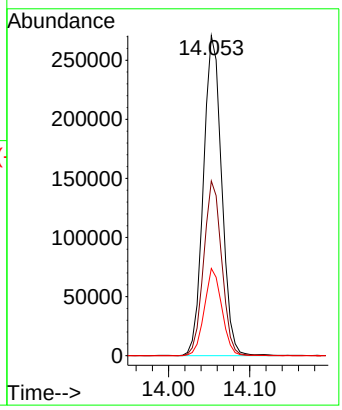




#89
n-Butylbenzene
Concen: 46.509 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 91 Resp: 42280

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.5	82.4
134	26.1	13.0	39.0



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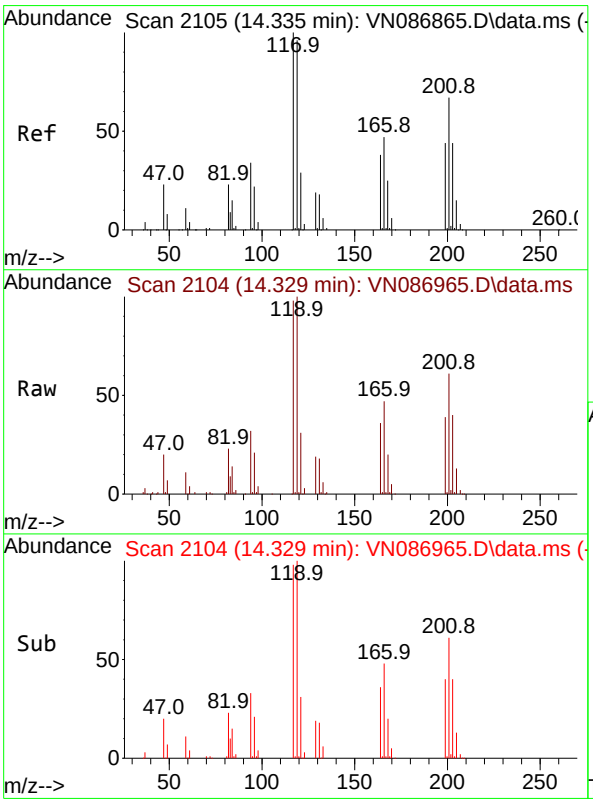
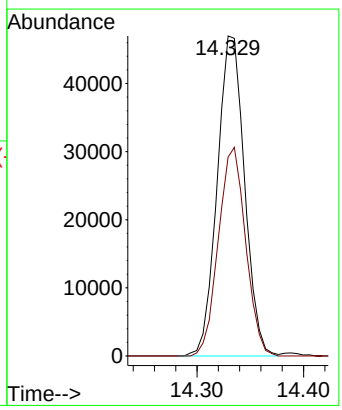
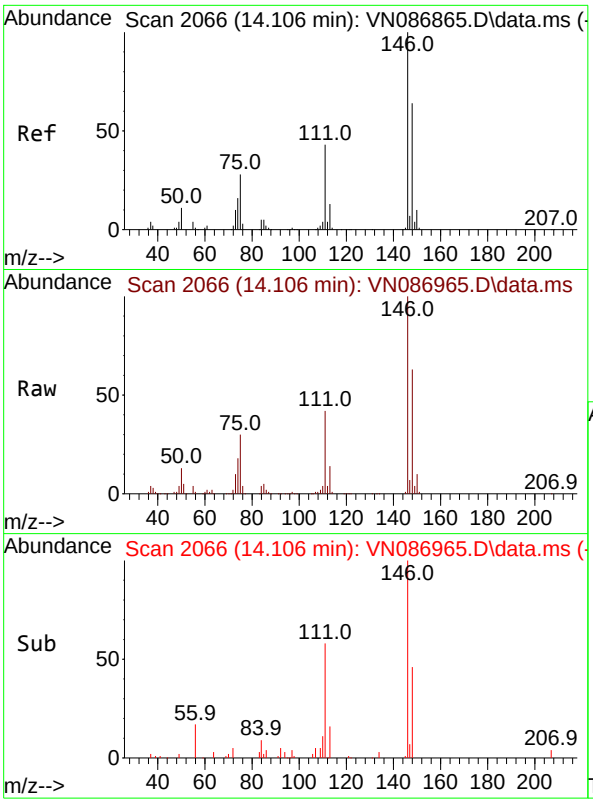


#90
Hexachloroethane
Concen: 52.642 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:117 Resp: 83746

Ion	Ratio	Lower	Upper
117	100		
201	64.9	33.2	99.6

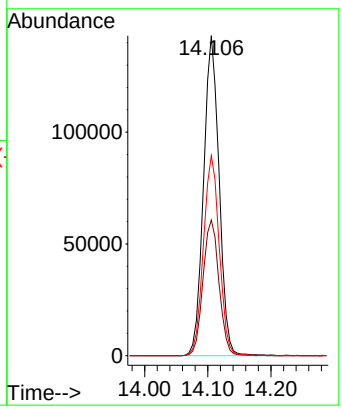




#91
1,2-Dichlorobenzene
Concen: 54.507 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:146 Resp: 24443

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.6
148	63.6	31.7	95.1



Instrument :
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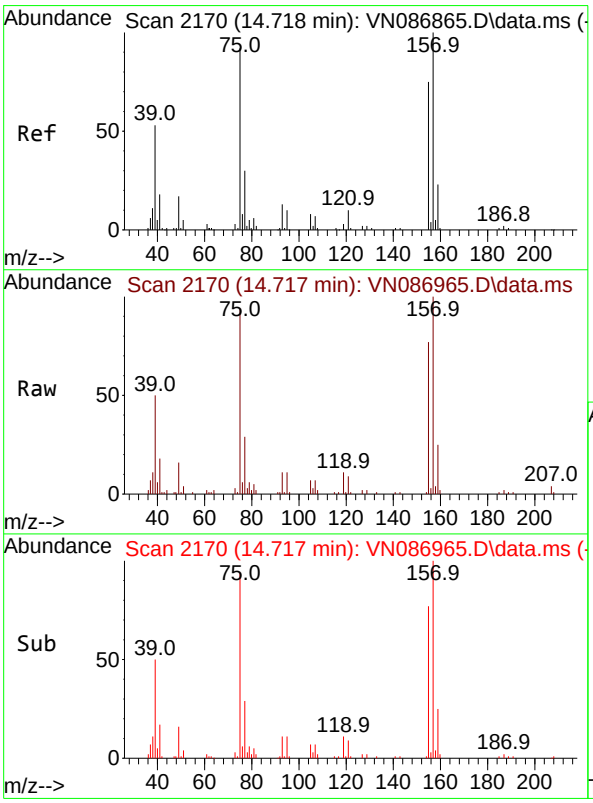
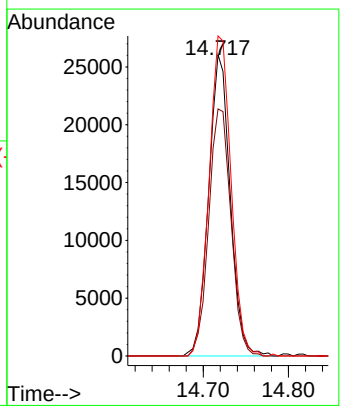
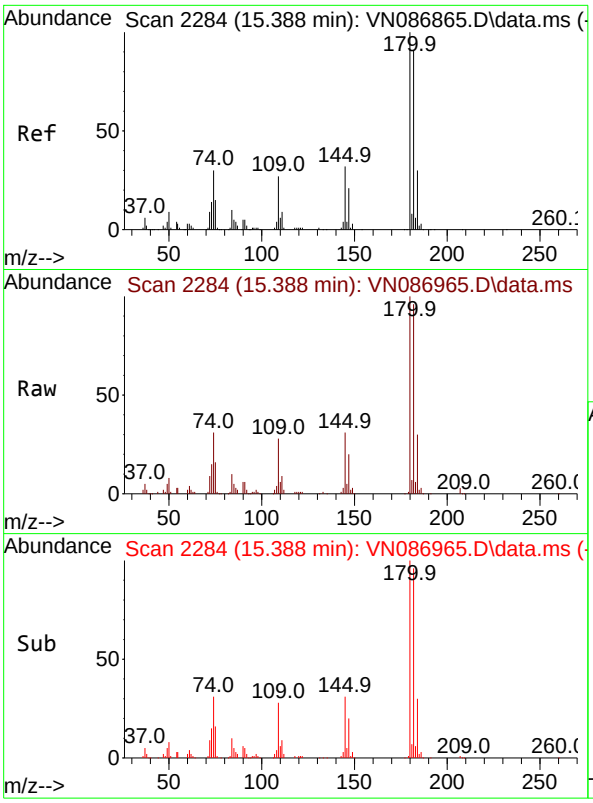


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.724 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 45867

Ion	Ratio	Lower	Upper
75	100		
155	84.4	41.1	123.4
157	108.4	52.7	158.1

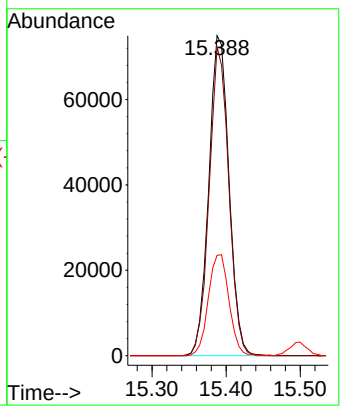




#93
1,2,4-Trichlorobenzene
Concen: 49.501 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:180 Resp: 14175

Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.7
145	32.3	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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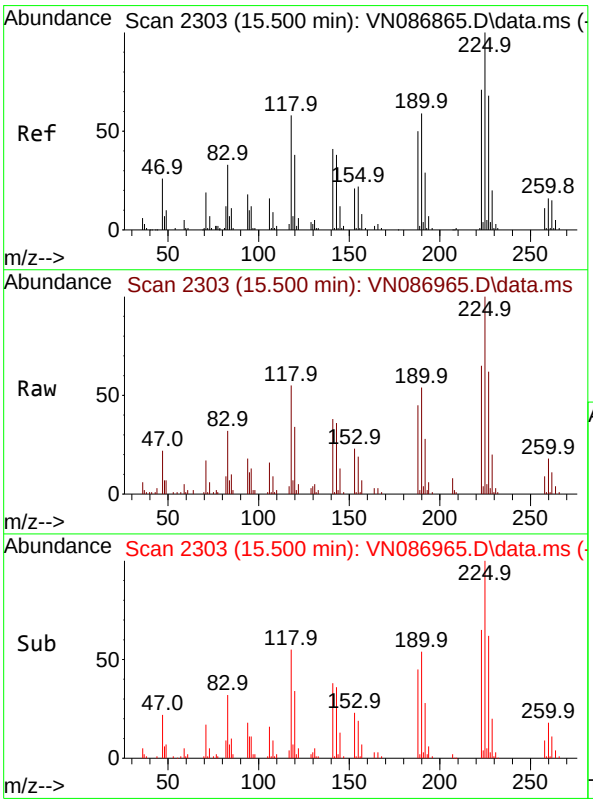
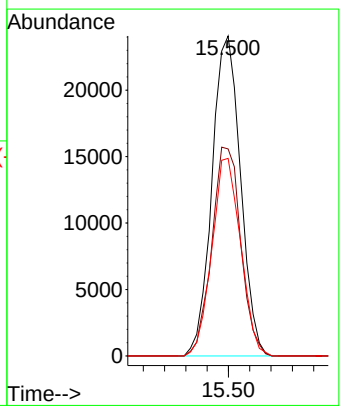
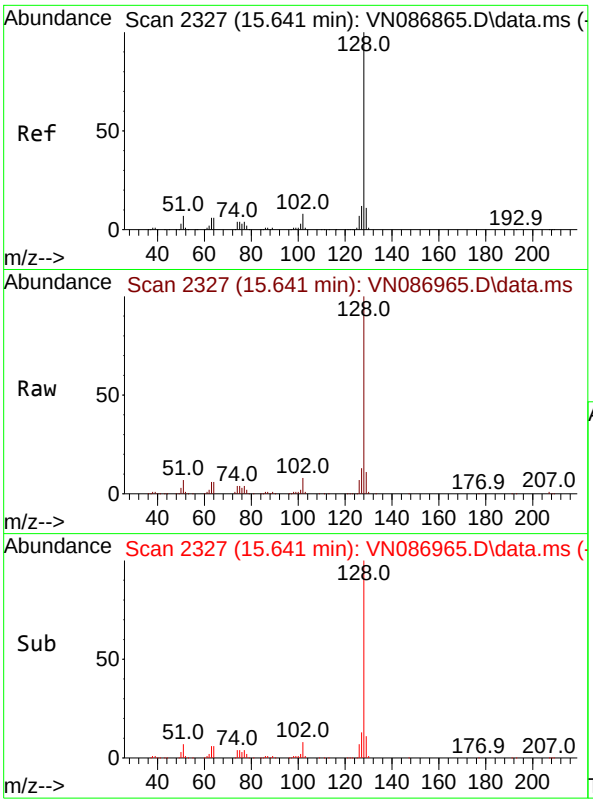


#94
Hexachlorobutadiene
Concen: 41.918 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:225 Resp: 44722

Ion	Ratio	Lower	Upper
225	100		
223	66.3	33.5	100.4
227	62.3	31.1	93.5

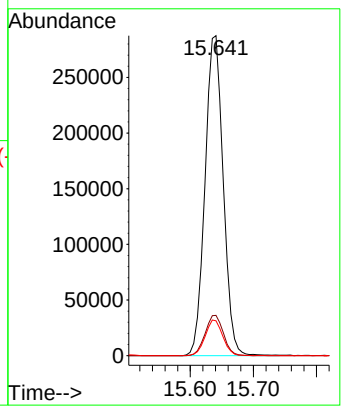




#95
Naphthalene
Concen: 54.049 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:128 Resp: 57610

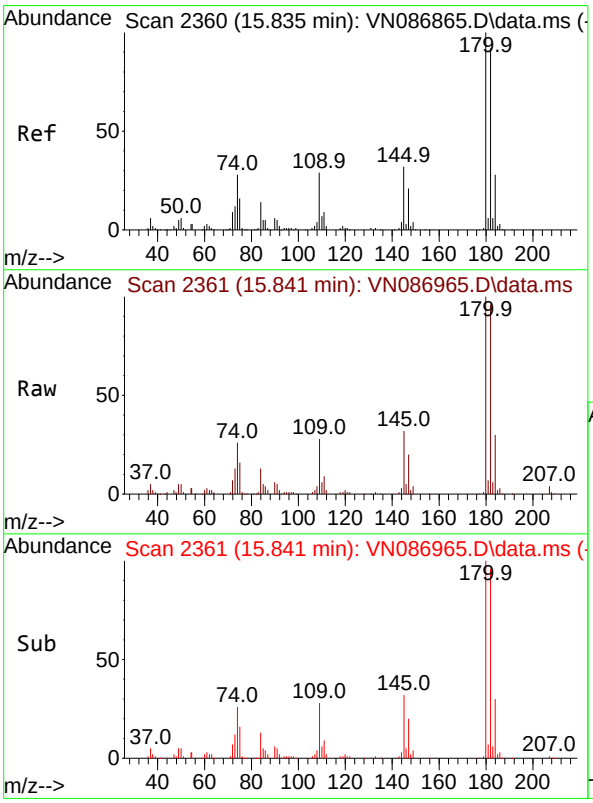
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

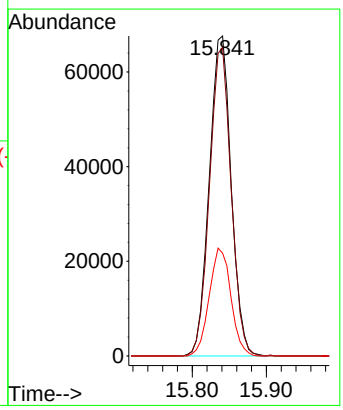
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.742 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:180 Resp: 138678

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.0	141.0
145	33.4	16.6	49.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	86	0.00
2	T	Dichlorodifluoromethane	0.499	0.552	-10.6	94	0.00
3	P	Chloromethane	0.644	0.581	9.8	83	0.00
4	C	Vinyl Chloride	0.664	0.712	-7.2#	95	0.00
5	T	Bromomethane	0.372	0.246	33.9#	59	-0.01
6	T	Chloroethane	0.429	0.477	-11.2	100	0.00
7	T	Trichlorofluoromethane	0.868	0.969	-11.6	100	0.00
8	T	Diethyl Ether	0.378	0.426	-12.7	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.545	0.587	-7.7	97	0.00
10	T	Methyl Iodide	0.707	0.264	62.7#	33#	0.00
11	T	Tert butyl alcohol	0.182	0.204	-12.1	99	0.00
12	CM	1,1-Dichloroethene	0.557	0.599	-7.5#	96	0.00
13	T	Acrolein	0.057	0.172	-201.8#	324#	0.00
14	T	Allyl chloride	0.923	0.940	-1.8	93	0.00
15	T	Acrylonitrile	0.425	0.476	-12.0	100	0.00
16	T	Acetone	0.355	0.373	-5.1	99	0.00
17	T	Carbon Disulfide	1.539	1.512	1.8	91	0.00
18	T	Methyl Acetate	1.035	1.207	-16.6	105	0.00
19	T	Methyl tert-butyl Ether	2.015	2.289	-13.6	101	0.00
20	T	Methylene Chloride	0.665	0.707	-6.3	100	0.00
21	T	trans-1,2-Dichloroethene	0.619	0.653	-5.5	98	0.00
22	T	Diisopropyl ether	1.945	2.151	-10.6	99	0.00
23	T	Vinyl Acetate	1.644	1.829	-11.3	98	0.00
24	P	1,1-Dichloroethane	1.120	1.255	-12.1	101	0.00
25	T	2-Butanone	0.577	0.628	-8.8	98	0.00
26	T	2,2-Dichloropropane	0.871	0.842	3.3	80	0.00
27	T	cis-1,2-Dichloroethene	0.740	0.824	-11.4	101	0.00
28	T	Bromochloromethane	0.550	0.630	-14.5	116	0.00
29	T	Tetrahydrofuran	0.376	0.407	-8.2	97	0.00
30	C	Chloroform	1.118	1.234	-10.4#	100	0.00
31	T	Cyclohexane	1.086	1.022	5.9	87	0.00
32	T	1,1,1-Trichloroethane	0.951	1.024	-7.7	98	0.00
33	S	1,2-Dichloroethane-d4	0.669	0.697	-4.2	119	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35	S	Dibromofluoromethane	0.296	0.314	-6.1	123	0.00
36	T	1,1-Dichloropropene	0.442	0.469	-6.1	97	0.00
37	T	Ethyl Acetate	0.562	0.601	-6.9	97	0.00
38	T	Carbon Tetrachloride	0.433	0.462	-6.7	97	0.00
39	T	Methylcyclohexane	0.605	0.540	10.7	82	0.00
40	TM	Benzene	1.444	1.551	-7.4	99	0.00
41	T	Methacrylonitrile	0.316	0.345	-9.2	98	0.00
42	TM	1,2-Dichloroethane	0.438	0.472	-7.8	99	0.00
43	T	Isopropyl Acetate	0.902	0.972	-7.8	98	0.00
44	TM	Trichloroethene	0.342	0.366	-7.0	96	0.00
45	C	1,2-Dichloropropane	0.351	0.381	-8.5#	99	0.00
46	T	Dibromomethane	0.233	0.263	-12.9	103	0.00
47	T	Bromodichloromethane	0.480	0.537	-11.9	101	0.00
48	T	Methyl methacrylate	0.415	0.441	-6.3	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.008	0.009	-12.5	100	0.00
50	S	Toluene-d8	1.173	1.171	0.2	117	0.00
51	T	4-Methyl-2-Pentanone	0.543	0.610	-12.3	98	0.00
52	CM	Toluene	0.882	0.953	-8.0#	98	0.00
53	T	t-1,3-Dichloropropene	0.537	0.588	-9.5	97	0.00
54	T	cis-1,3-Dichloropropene	0.574	0.623	-8.5	97	0.00
55	T	1,1,2-Trichloroethane	0.340	0.379	-11.5	101	0.00
56	T	Ethyl methacrylate	0.541	0.641	-18.5	99	0.00
57	T	1,3-Dichloropropane	0.589	0.652	-10.7	100	0.00
58	T	2-Chloroethyl Vinyl ether	0.323	0.381	-18.0	120	0.00
59	T	2-Hexanone	0.350	0.405	-15.7	95	0.00
60	T	Dibromochloromethane	0.354	0.407	-15.0	103	0.00
61	T	1,2-Dibromoethane	0.348	0.391	-12.4	102	0.00
62	S	4-Bromofluorobenzene	0.436	0.449	-3.0	119	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64	T	Tetrachloroethene	0.316	0.320	-1.3	94	0.00
65	PM	Chlorobenzene	1.103	1.173	-6.3	99	0.00
66	T	1,1,1,2-Tetrachloroethane	0.354	0.396	-11.9	101	0.00
67	C	Ethyl Benzene	1.899	2.012	-6.0#	96	0.00
68	T	m/p-Xylenes	0.727	0.775	-6.6	95	0.00
69	T	o-Xylene	0.696	0.766	-10.1	98	0.00
70	T	Styrene	1.192	1.318	-10.6	98	0.00
71	P	Bromoform	0.263	0.313	-19.0	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73	T	Isopropylbenzene	3.643	3.761	-3.2	93	0.00
74	T	N-amyl acetate	1.273	1.329	-4.4	89	0.00
75	P	1,1,2,2-Tetrachloroethane	1.234	1.414	-14.6	102	0.00
76	T	1,2,3-Trichloropropane	1.189	1.228	-3.3	89	0.00
77	T	Bromobenzene	0.835	0.929	-11.3	100	0.00
78	T	n-propylbenzene	4.427	4.531	-2.3	91	0.00
79	T	2-Chlorotoluene	2.655	2.781	-4.7	94	0.00
80	T	1,3,5-Trimethylbenzene	3.007	3.122	-3.8	91	0.00
81	T	trans-1,4-Dichloro-2-butene	0.516	0.509	1.4	91	0.00
82	T	4-Chlorotoluene	2.686	2.864	-6.6	96	0.00
83	T	tert-Butylbenzene	2.753	2.793	-1.5	90	0.00
84	T	1,2,4-Trimethylbenzene	3.016	3.151	-4.5	92	0.00
85	T	sec-Butylbenzene	3.998	3.872	3.2	86	0.00
86	T	p-Isopropyltoluene	3.305	3.237	2.1	86	0.00
87	T	1,3-Dichlorobenzene	1.644	1.784	-8.5	97	0.00
88	T	1,4-Dichlorobenzene	1.676	1.781	-6.3	96	0.00
89	T	n-Butylbenzene	3.201	2.977	7.0	82	0.00
90	T	Hexachloroethane	0.560	0.590	-5.4	93	0.00
91	T	1,2-Dichlorobenzene	1.579	1.721	-9.0	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.295	0.323	-9.5	101	0.00
93	T	1,2,4-Trichlorobenzene	1.008	0.998	1.0	87	0.00
94	T	Hexachlorobutadiene	0.376	0.315	16.2	73	0.00
95	T	Naphthalene	3.753	4.057	-8.1	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.977	2.5	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	86	0.00
2	T	Dichlorodifluoromethane	50.000	55.320	-10.6	94	0.00
3	P	Chloromethane	50.000	45.148	9.7	83	0.00
4	C	Vinyl Chloride	50.000	53.612	-7.2#	95	0.00
5	T	Bromomethane	50.000	33.049	33.9#	59	-0.01
6	T	Chloroethane	50.000	55.606	-11.2	100	0.00
7	T	Trichlorofluoromethane	50.000	55.827	-11.7	100	0.00
8	T	Diethyl Ether	50.000	56.330	-12.7	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.851	-7.7	97	0.00
10	T	Methyl Iodide	50.000	18.649	62.7#	33	0.00
11	T	Tert butyl alcohol	250.000	280.391	-12.2	99	0.00
12	CM	1,1-Dichloroethene	50.000	53.824	-7.6#	96	0.00
13	T	Acrolein	250.000	746.633	-198.7#	324	0.00
14	T	Allyl chloride	50.000	50.921	-1.8	93	0.00
15	T	Acrylonitrile	250.000	280.476	-12.2	100	0.00
16	T	Acetone	250.000	262.661	-5.1	99	0.00
17	T	Carbon Disulfide	50.000	49.127	1.7	91	0.00
18	T	Methyl Acetate	50.000	58.328	-16.7	105	0.00
19	T	Methyl tert-butyl Ether	50.000	56.790	-13.6	101	0.00
20	T	Methylene Chloride	50.000	53.166	-6.3	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.697	-5.4	98	0.00
22	T	Diisopropyl ether	50.000	55.291	-10.6	99	0.00
23	T	Vinyl Acetate	250.000	278.142	-11.3	98	0.00
24	P	1,1-Dichloroethane	50.000	56.057	-12.1	101	0.00
25	T	2-Butanone	250.000	272.256	-8.9	98	0.00
26	T	2,2-Dichloropropane	50.000	48.315	3.4	80	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.654	-11.3	101	0.00
28	T	Bromochloromethane	50.000	57.211	-14.4	116	0.00
29	T	Tetrahydrofuran	250.000	270.436	-8.2	97	0.00
30	C	Chloroform	50.000	55.175	-10.3#	100	0.00
31	T	Cyclohexane	50.000	47.071	5.9	87	0.00
32	T	1,1,1-Trichloroethane	50.000	53.846	-7.7	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.069	-4.1	119	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	53.000	-6.0	123	0.00
36	T	1,1-Dichloropropene	50.000	53.121	-6.2	97	0.00
37	T	Ethyl Acetate	50.000	53.483	-7.0	97	0.00
38	T	Carbon Tetrachloride	50.000	53.303	-6.6	97	0.00
39	T	Methylcyclohexane	50.000	44.605	10.8	82	0.00
40	TM	Benzene	50.000	53.695	-7.4	99	0.00
41	T	Methacrylonitrile	50.000	54.646	-9.3	98	0.00
42	TM	1,2-Dichloroethane	50.000	53.873	-7.7	99	0.00
43	T	Isopropyl Acetate	50.000	53.857	-7.7	98	0.00
44	TM	Trichloroethene	50.000	53.458	-6.9	96	0.00
45	C	1,2-Dichloropropane	50.000	54.196	-8.4#	99	0.00
46	T	Dibromomethane	50.000	56.431	-12.9	103	0.00
47	T	Bromodichloromethane	50.000	55.894	-11.8	101	0.00
48	T	Methyl methacrylate	50.000	53.046	-6.1	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1194.044	-19.4	100	0.00
50	S	Toluene-d8	50.000	49.914	0.2	117	0.00
51	T	4-Methyl-2-Pentanone	250.000	281.028	-12.4	98	0.00
52	CM	Toluene	50.000	53.976	-8.0#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	54.745	-9.5	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.242	-8.5	97	0.00
55	T	1,1,2-Trichloroethane	50.000	55.842	-11.7	101	0.00
56	T	Ethyl methacrylate	50.000	59.246	-18.5	99	0.00
57	T	1,3-Dichloropropane	50.000	55.319	-10.6	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	295.338	-18.1	120	0.00
59	T	2-Hexanone	250.000	289.751	-15.9	95	0.00
60	T	Dibromochloromethane	50.000	57.580	-15.2	103	0.00
61	T	1,2-Dibromoethane	50.000	56.119	-12.2	102	0.00
62	S	4-Bromofluorobenzene	50.000	51.499	-3.0	119	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	50.534	-1.1	94	0.00
65	PM	Chlorobenzene	50.000	53.206	-6.4	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.835	-11.7	101	0.00
67	C	Ethyl Benzene	50.000	52.952	-5.9#	96	0.00
68	T	m/p-Xylenes	100.000	106.561	-6.6	95	0.00
69	T	o-Xylene	50.000	54.963	-9.9	98	0.00
70	T	Styrene	50.000	55.293	-10.6	98	0.00
71	P	Bromoform	50.000	59.559	-19.1	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	51.622	-3.2	93	0.00
74	T	N-amyl acetate	50.000	52.216	-4.4	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.301	-14.6	102	0.00
76	T	1,2,3-Trichloropropane	50.000	51.664	-3.3	89	0.00
77	T	Bromobenzene	50.000	55.583	-11.2	100	0.00
78	T	n-propylbenzene	50.000	51.178	-2.4	91	0.00
79	T	2-Chlorotoluene	50.000	52.371	-4.7	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.914	-3.8	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.328	1.3	91	0.00
82	T	4-Chlorotoluene	50.000	53.310	-6.6	96	0.00
83	T	tert-Butylbenzene	50.000	50.730	-1.5	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.251	-4.5	92	0.00
85	T	sec-Butylbenzene	50.000	48.432	3.1	86	0.00
86	T	p-Isopropyltoluene	50.000	48.982	2.0	86	0.00
87	T	1,3-Dichlorobenzene	50.000	54.264	-8.5	97	0.00
88	T	1,4-Dichlorobenzene	50.000	53.138	-6.3	96	0.00
89	T	n-Butylbenzene	50.000	46.509	7.0	82	0.00
90	T	Hexachloroethane	50.000	52.642	-5.3	93	0.00
91	T	1,2-Dichlorobenzene	50.000	54.507	-9.0	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.724	-9.4	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.501	1.0	87	0.00
94	T	Hexachlorobutadiene	50.000	41.918	16.2	73	0.00
95	T	Naphthalene	50.000	54.049	-8.1	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.742	2.5	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_Y Calibration Date/Time: 06/11/2025 09:59

Lab File ID: VY022652.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	1.322	1.372	0.1	3.78	20
Vinyl Chloride	1.534	1.715		11.8	20
Bromomethane	1.470	1.318		-10.34	20
Chloroethane	1.053	1.122		6.55	20
Trichlorofluoromethane	1.302	1.417		8.83	20
1,1,2-Trichlorotrifluoroethane	0.549	0.546		-0.55	20
1,1-Dichloroethene	0.524	0.510		-2.67	20
Acetone	0.114	0.097		-14.91	20
Carbon Disulfide	1.679	1.592		-5.18	20
Methyl tert-butyl Ether	1.477	1.440		-2.51	20
Methylene Chloride	0.645	0.603		-6.51	20
trans-1,2-Dichloroethene	0.587	0.581		-1.02	20
1,1-Dichloroethane	1.079	1.099	0.1	1.85	20
2-Butanone	0.164	0.155		-5.49	20
Carbon Tetrachloride	0.497	0.510		2.62	20
cis-1,2-Dichloroethene	0.678	0.683		0.74	20
Chloroform	1.069	1.111		3.93	20
1,1,1-Trichloroethane	0.949	0.973		2.53	20
Methylcyclohexane	0.651	0.620		-4.76	20
Benzene	1.431	1.466		2.45	20
1,2-Dichloroethane	0.391	0.400		2.3	20
Trichloroethene	0.350	0.369		5.43	20
1,2-Dichloropropane	0.338	0.348		2.96	20
Bromodichloromethane	0.482	0.509		5.6	20
4-Methyl-2-Pentanone	0.233	0.231		-0.86	20
Toluene	0.899	0.932		3.67	20
t-1,3-Dichloropropene	0.452	0.468		3.54	20
cis-1,3-Dichloropropene	0.526	0.538		2.28	20
1,1,2-Trichloroethane	0.243	0.246		1.24	20
2-Hexanone	0.156	0.151		-3.2	20
Dibromochloromethane	0.308	0.320		3.9	20
Tetrachloroethene	0.430	0.499		16.05	20
Chlorobenzene	1.106	1.154	0.3	4.34	20
Ethyl Benzene	2.052	2.116		3.12	20
m/p-Xylenes	0.778	0.799		2.7	20
o-Xylene	0.729	0.761		4.39	20
Styrene	1.206	1.258		4.31	20
Bromoform	0.198	0.200	0.1	1.01	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_Y Calibration Date/Time: 06/11/2025 09:59

Lab File ID: VY022652.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	4.105	4.205		2.41	20
1,1,2,2-Tetrachloroethane	0.674	0.637	0.3	-5.49	20
1,3-Dichlorobenzene	1.755	1.803		2.73	20
1,4-Dichlorobenzene	1.702	1.701		-0.06	20
1,2-Dichlorobenzene	1.490	1.547		3.83	20
1,2-Dichloroethane-d4	0.559	0.596		6.62	20
Dibromofluoromethane	0.298	0.327		9.73	20
Toluene-d8	1.206	1.324		9.78	20
4-Bromofluorobenzene	0.359	0.388		8.08	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.707	168	157578	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	265316	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.414	117	226799	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106876	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.061	65	93928	53.295 ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.580%		
35) Dibromofluoromethane	7.634	113	86674	54.732 ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.460%		
50) Toluene-d8	10.103	98	351227	54.889 ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.780%		
62) 4-Bromofluorobenzene	12.408	95	102854	53.948 ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.900%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	62968	44.633 ug/l	98
3) Chloromethane	2.068	50	216228	51.880 ug/l	98
4) Vinyl Chloride	2.202	62	270265	55.897 ug/l	99
5) Bromomethane	2.592	94	207702	44.819 ug/l	100
6) Chloroethane	2.732	64	176816	53.279 ug/l	95
7) Trichlorofluoromethane	3.049	101	223253	54.391 ug/l	98
8) Diethyl Ether	3.458	74	44893	48.566 ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	85998	49.746 ug/l	99
10) Methyl Iodide	4.007	142	94198	50.351 ug/l	99
11) Tert butyl alcohol	4.872	59	29329	232.995 ug/l	100
12) 1,1-Dichloroethene	3.787	96	80437	48.677 ug/l	95
13) Acrolein	3.653	56	18057	115.103 ug/l	98
14) Allyl chloride	4.378	41	121177	46.712 ug/l	98
15) Acrylonitrile	5.061	53	96935	247.609 ug/l	100
16) Acetone	3.879	43	76054	212.487 ug/l	94
17) Carbon Disulfide	4.104	76	250870	47.420 ug/l	99
18) Methyl Acetate	4.391	43	53562	50.535 ug/l	98
19) Methyl tert-butyl Ether	5.110	73	226943	48.760 ug/l	99
20) Methylene Chloride	4.616	84	94990	46.721 ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	91576	49.515 ug/l	88
22) Diisopropyl ether	6.018	45	283820	49.152 ug/l	98
23) Vinyl Acetate	5.964	43	813591	238.054 ug/l	98
24) 1,1-Dichloroethane	5.915	63	173175	50.908 ug/l	99
25) 2-Butanone	6.896	43	122054	236.409 ug/l	99
26) 2,2-Dichloropropane	6.890	77	149781	49.833 ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	107570	50.321 ug/l	98
28) Bromochloromethane	7.244	49	76022	51.267 ug/l	98
29) Tetrahydrofuran	7.268	42	79406	238.466 ug/l	99
30) Chloroform	7.421	83	175028	51.947 ug/l	96
31) Cyclohexane	7.701	56	149209	44.059 ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	153283	51.247 ug/l	99
36) 1,1-Dichloropropene	7.835	75	128210	49.883 ug/l	99
37) Ethyl Acetate	6.982	43	55795m	48.679 ug/l	
38) Carbon Tetrachloride	7.817	117	135428	51.363 ug/l	99
39) Methylcyclohexane	9.109	83	164532	47.635 ug/l	97
40) Benzene	8.079	78	388821	51.219 ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	7.226	41	32009	47.810	ug/l		99
42)	1,2-Dichloroethane	8.158	62	106146	51.210	ug/l		98
43)	Isopropyl Acetate	8.201	43	117992	47.665	ug/l		100
44)	Trichloroethene	8.866	130	97879	52.755	ug/l		98
45)	1,2-Dichloropropane	9.140	63	92401	51.503	ug/l		99
46)	Dibromomethane	9.231	93	52912	52.423	ug/l		98
47)	Bromodichloromethane	9.420	83	135175	52.817	ug/l		100
48)	Methyl methacrylate	9.219	41	54646	47.036	ug/l		93
49)	1,4-Dioxane	9.237	88	11374	951.195	ug/l		92
51)	4-Methyl-2-Pentanone	9.999	43	306364	248.232	ug/l		99
52)	Toluene	10.170	92	247331	51.844	ug/l		99
53)	t-1,3-Dichloropropene	10.396	75	124050	51.731	ug/l		99
54)	cis-1,3-Dichloropropene	9.859	75	142700	51.121	ug/l		97
55)	1,1,2-Trichloroethane	10.573	97	65190	50.652	ug/l		95
56)	Ethyl methacrylate	10.438	69	92549	49.753	ug/l		98
57)	1,3-Dichloropropane	10.719	76	116284	50.976	ug/l		99
58)	2-Chloroethyl Vinyl ether	9.713	63	231530	274.143	ug/l		99
59)	2-Hexanone	10.762	43	200444	242.841	ug/l		100
60)	Dibromochloromethane	10.908	129	84902	51.909	ug/l		99
61)	1,2-Dibromoethane	11.011	107	60454	51.536	ug/l		98
64)	Tetrachloroethene	10.646	164	113126	57.985	ug/l		96
65)	Chlorobenzene	11.438	112	261829	52.170	ug/l		98
66)	1,1,1,2-Tetrachloroethane	11.517	131	88180	52.156	ug/l		99
67)	Ethyl Benzene	11.517	91	479857	51.549	ug/l		99
68)	m/p-Xylenes	11.627	106	362462	102.714	ug/l		99
69)	o-Xylene	11.956	106	172493	52.136	ug/l		96
70)	Styrene	11.969	104	285228	52.154	ug/l		98
71)	Bromoform	12.133	173	45337	50.392	ug/l	#	98
73)	Isopropylbenzene	12.255	105	449360	51.212	ug/l		99
74)	N-amyl acetate	12.072	43	105483	47.644	ug/l		99
75)	1,1,2,2-Tetrachloroethane	12.505	83	68065	47.263	ug/l		98
76)	1,2,3-Trichloropropane	12.554	75	52480m	42.921	ug/l		
77)	Bromobenzene	12.529	156	92990	50.220	ug/l		98
78)	n-propylbenzene	12.597	91	544933	50.847	ug/l		99
79)	2-Chlorotoluene	12.676	91	286949	50.518	ug/l		99
80)	1,3,5-Trimethylbenzene	12.737	105	351549	51.032	ug/l		98
81)	trans-1,4-Dichloro-2-b...	12.304	75	24542	48.473	ug/l		96
82)	4-Chlorotoluene	12.779	91	293231	50.043	ug/l		99
83)	tert-Butylbenzene	12.999	119	314442	50.858	ug/l		99
84)	1,2,4-Trimethylbenzene	13.042	105	348078	50.520	ug/l		99
85)	sec-Butylbenzene	13.176	105	479100	50.596	ug/l		100
86)	p-Isopropyltoluene	13.292	119	400127	51.264	ug/l		99
87)	1,3-Dichlorobenzene	13.285	146	192662	51.355	ug/l		99
88)	1,4-Dichlorobenzene	13.365	146	181764	49.953	ug/l		100
89)	n-Butylbenzene	13.615	91	375701	50.734	ug/l		100
90)	Hexachloroethane	13.877	117	78797	51.856	ug/l		99
91)	1,2-Dichlorobenzene	13.657	146	165313	51.900	ug/l		99
92)	1,2-Dibromo-3-Chloropr...	14.273	75	10373	49.472	ug/l		95
93)	1,2,4-Trichlorobenzene	14.919	180	86435	49.755	ug/l		99
94)	Hexachlorobutadiene	15.023	225	48899	50.999	ug/l		98
95)	Naphthalene	15.145	128	162310	48.688	ug/l		99
96)	1,2,3-Trichlorobenzene	15.328	180	73426	49.319	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

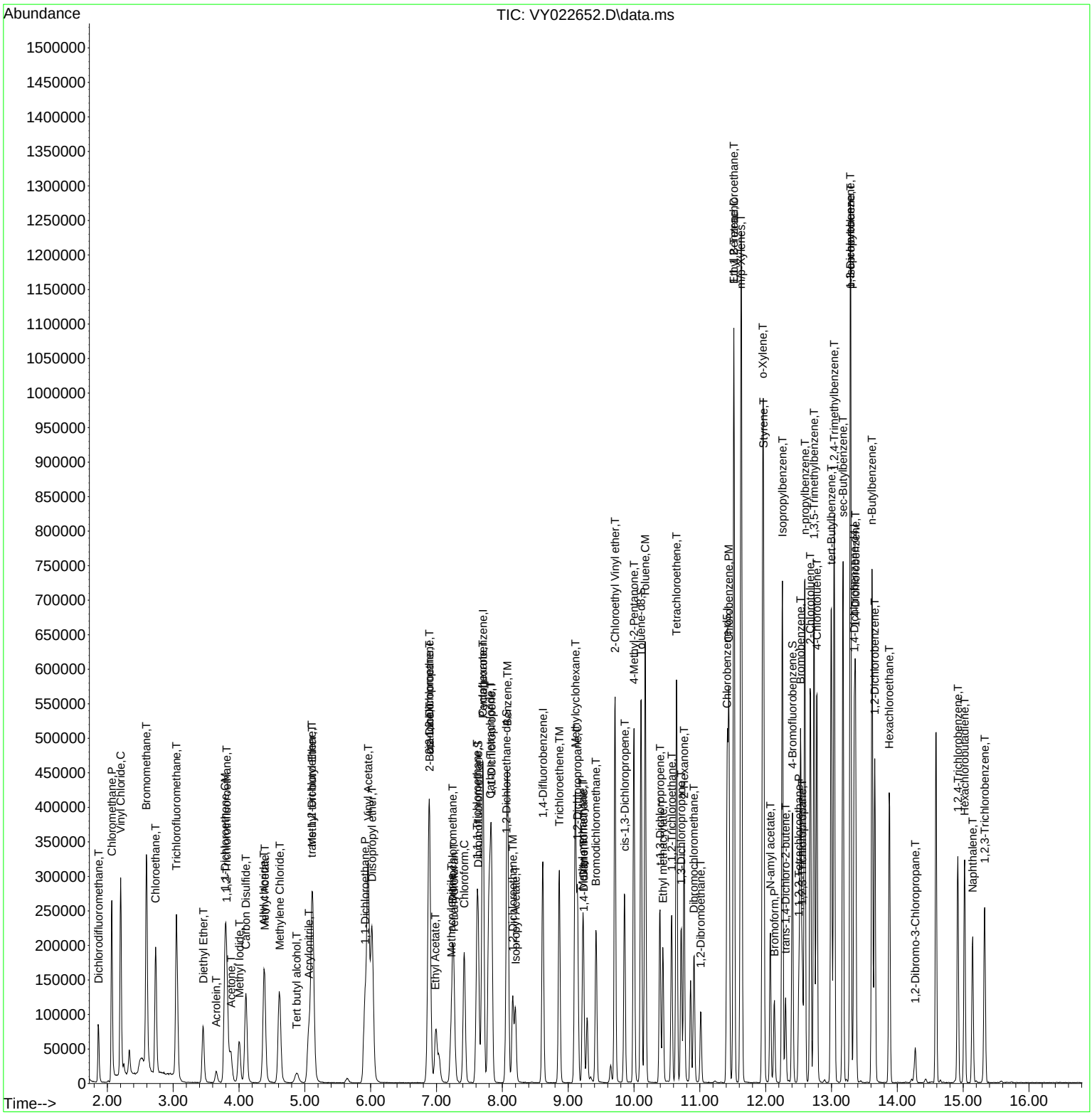
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

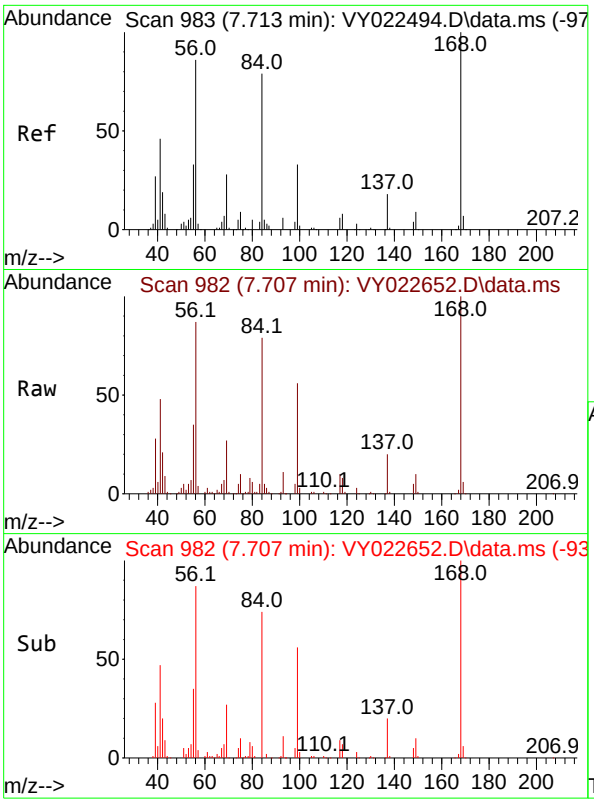
Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

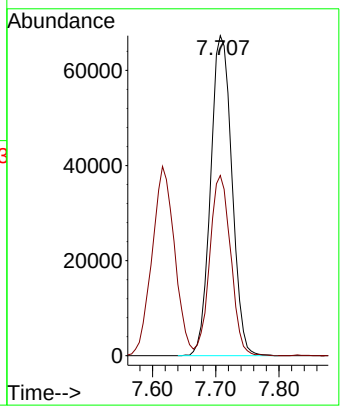
Tgt Ion:168 Resp: 15757

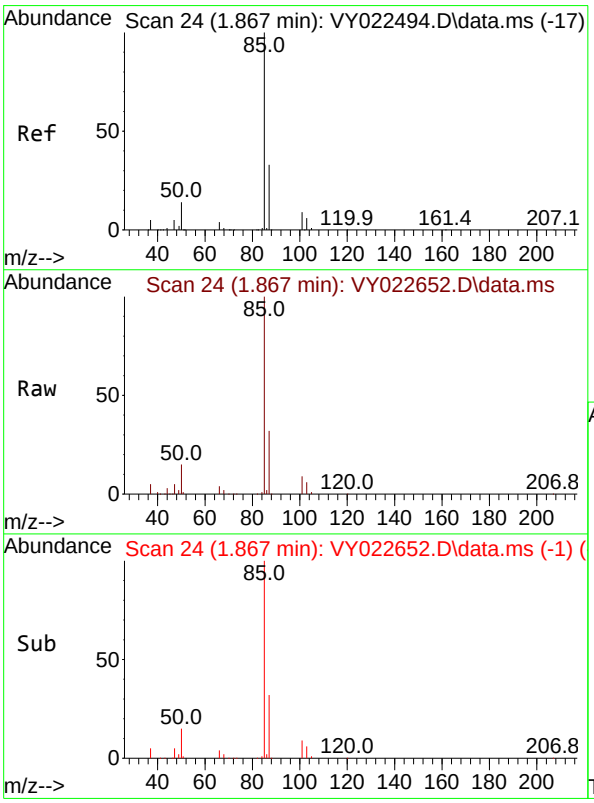
Ion	Ratio	Lower	Upper
168	100		
99	56.3	44.3	66.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

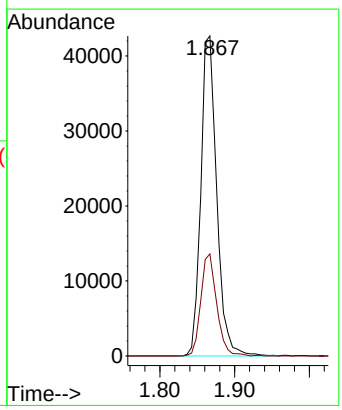


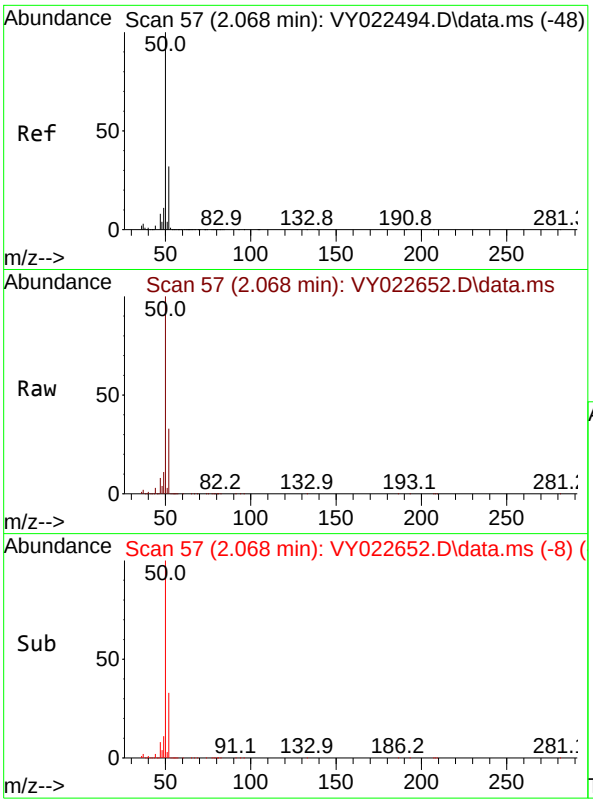


#2
Dichlorodifluoromethane
Concen: 44.633 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 85 Resp: 62968

Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.7	50.0

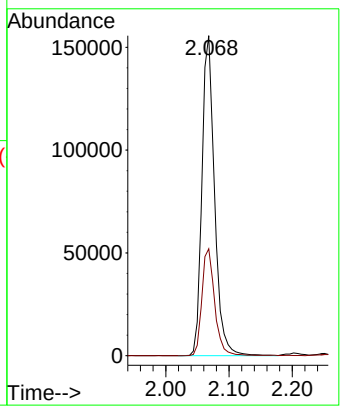




#3
Chloromethane
Concen: 51.880 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 50 Resp: 21622

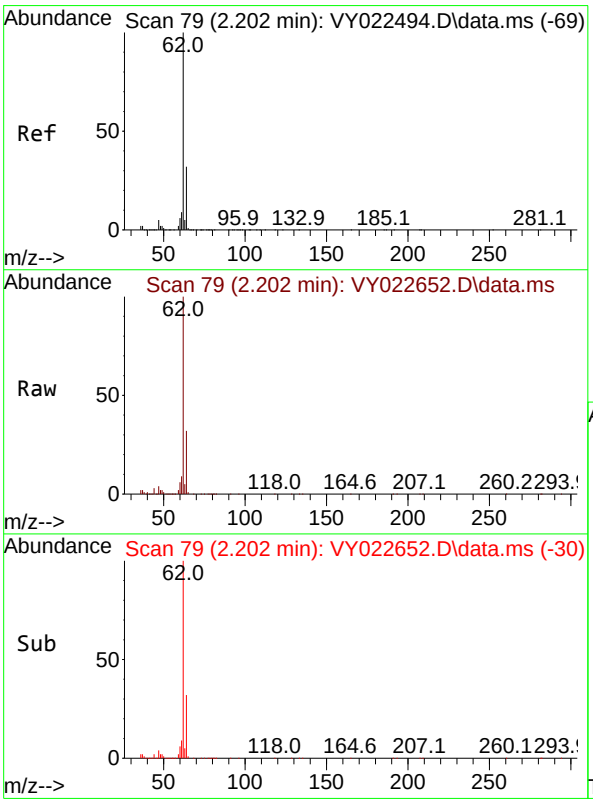
Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

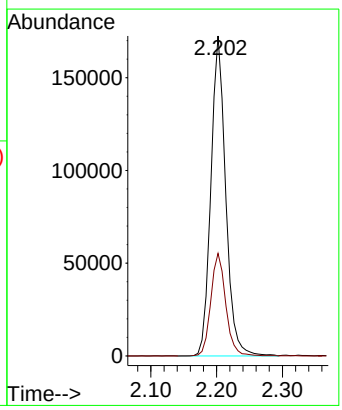
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

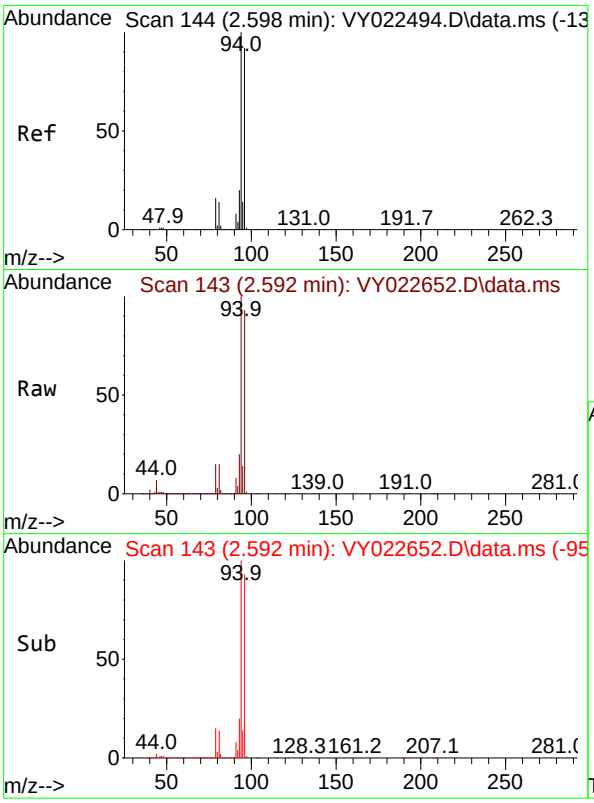


#4
Vinyl Chloride
Concen: 55.897 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 62 Resp: 270265

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.3	37.9

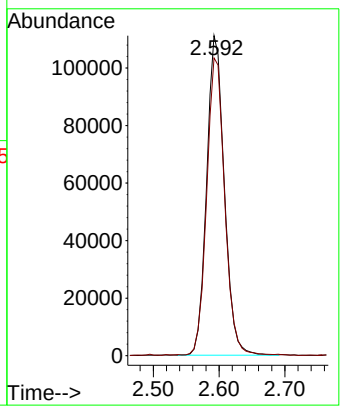




#5
Bromomethane
Concen: 44.819 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 94 Resp: 20770

Ion	Ratio	Lower	Upper
94	100		
96	92.8	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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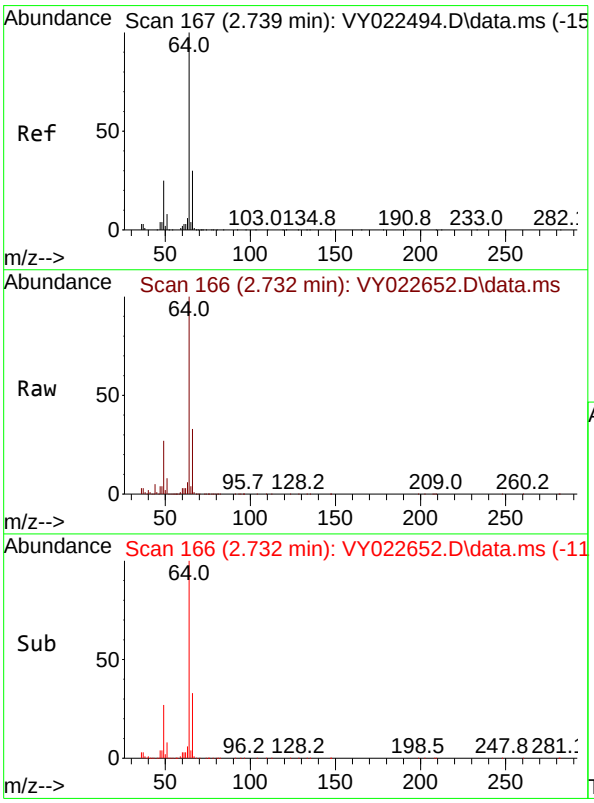
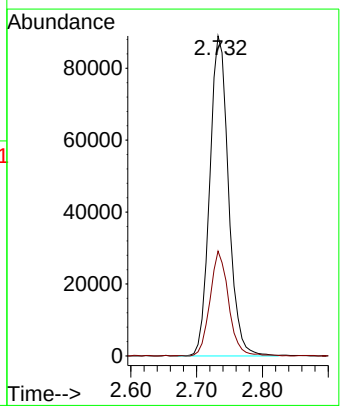
Supervised By :Semsettin Yesilyurt 06/12/2025

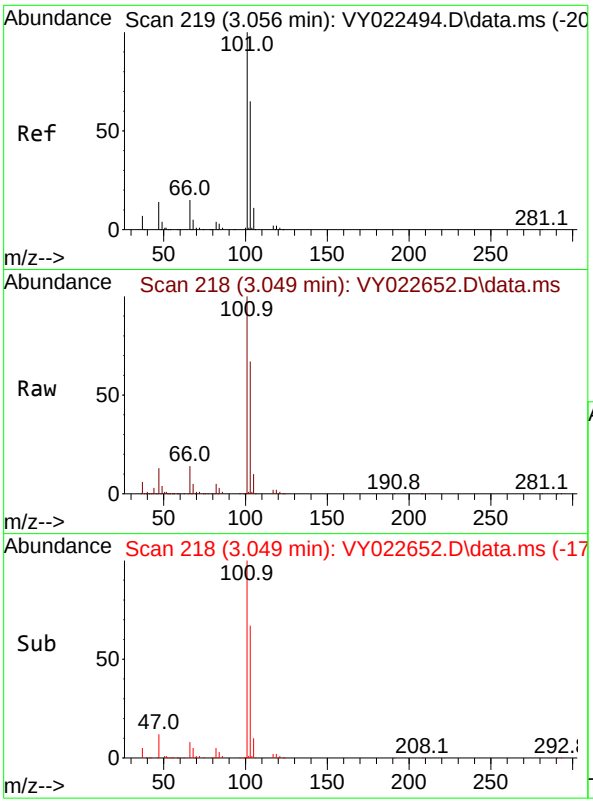


#6
Chloroethane
Concen: 53.279 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 64 Resp: 176816

Ion	Ratio	Lower	Upper
64	100		
66	32.6	23.8	35.6





#7
Trichlorofluoromethane
Concen: 54.391 ug/l
RT: 3.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:101 Resp: 22325

Ion	Ratio	Lower	Upper
101	100		
103	67.1	52.2	78.2

Instrument :
MSVOA_Y
ClientSampleId :
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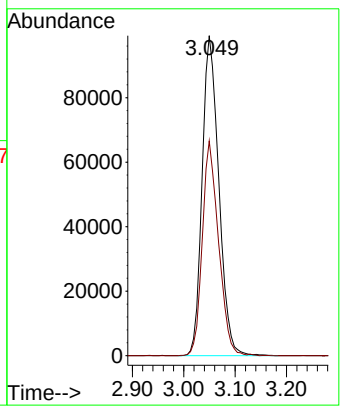
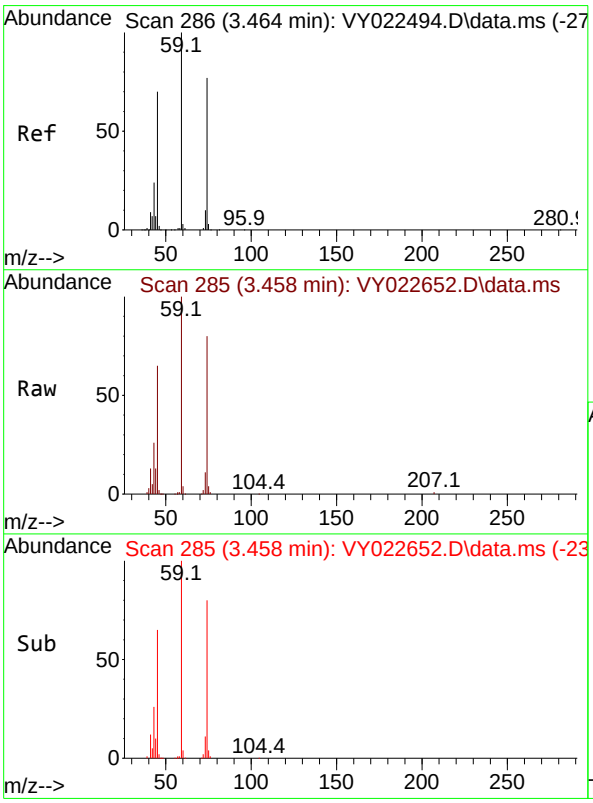
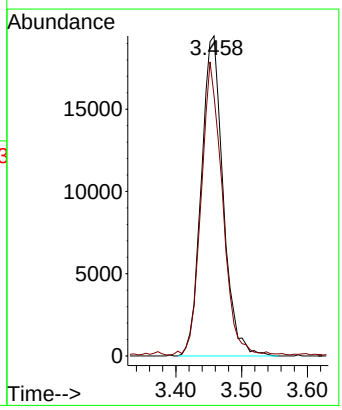


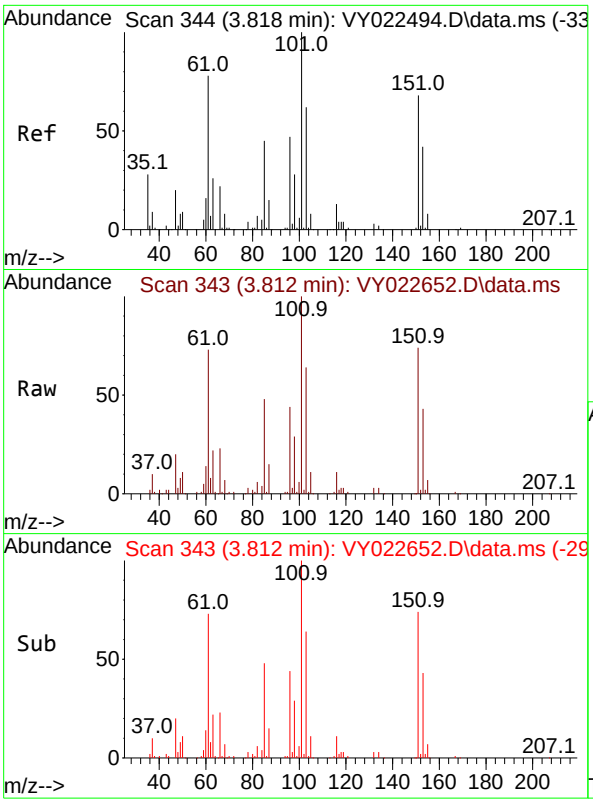


#8
Diethyl Ether
Concen: 48.566 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 74 Resp: 44893

Ion	Ratio	Lower	Upper
74	100		
45	88.5	45.9	137.6

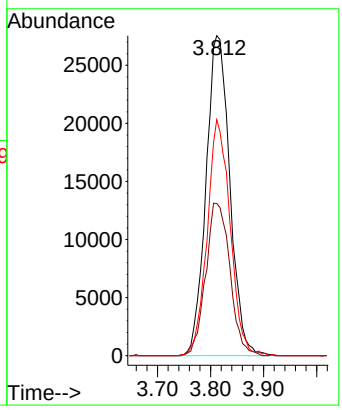




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.746 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:101 Resp: 8599

Ion	Ratio	Lower	Upper
101	100		
85	48.5	39.3	58.9
151	71.0	57.8	86.8



Instrument :
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ClientSampleId :
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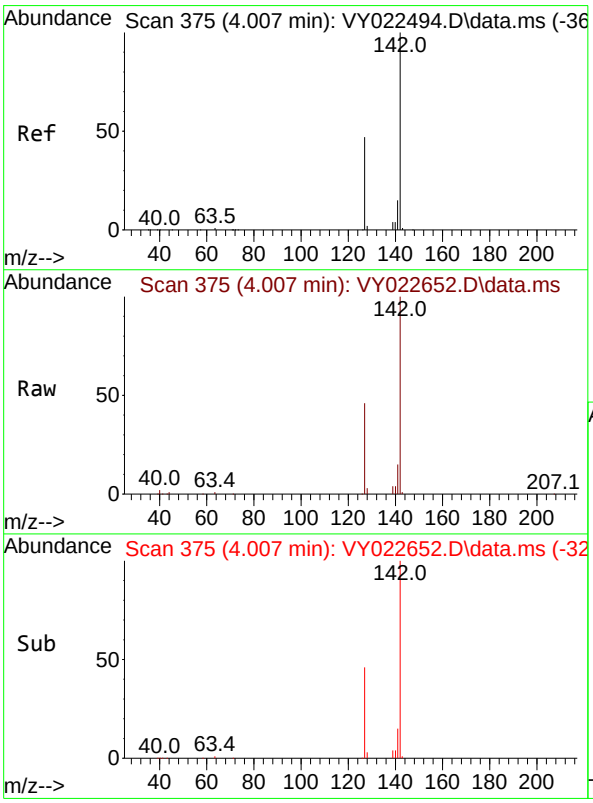
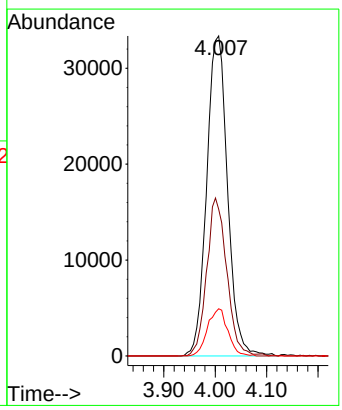
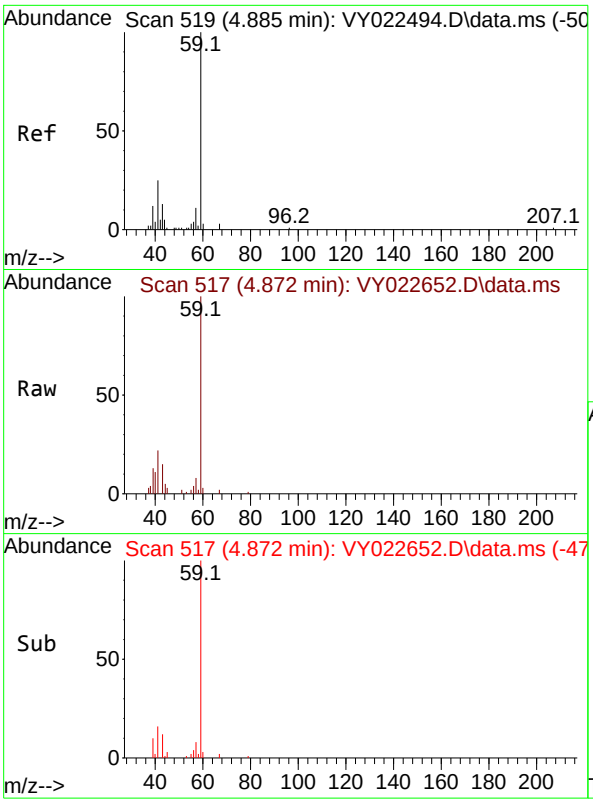


#10
Methyl Iodide
Concen: 50.351 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:142 Resp: 94198

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.1	55.7
141	14.4	11.4	17.2

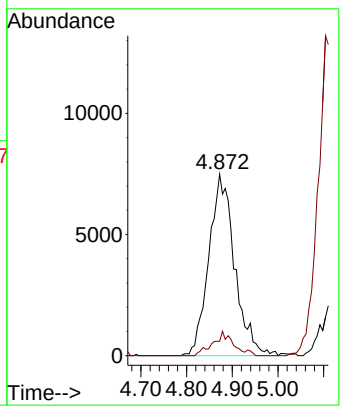




#11
Tert butyl alcohol
Concen: 232.995 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 59 Resp: 2932

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0



Instrument :
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ClientSampleId :
VSTDCCC050

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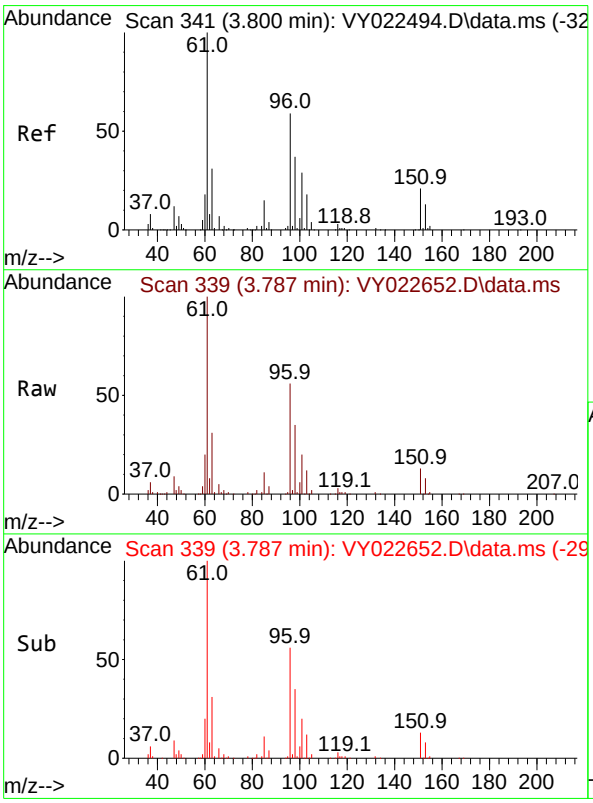
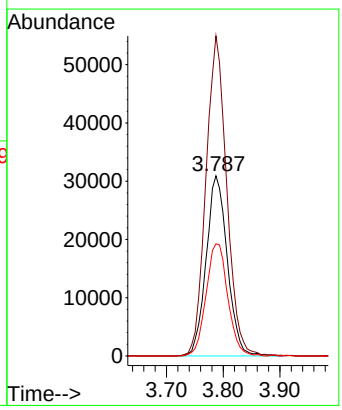
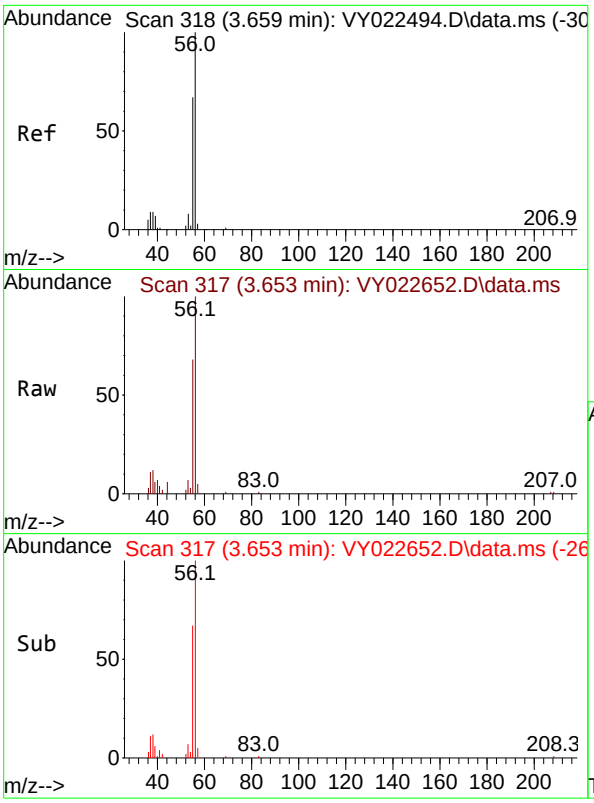


#12
1,1-Dichloroethene
Concen: 48.677 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 96 Resp: 80437

Ion	Ratio	Lower	Upper
96	100		
61	177.4	134.6	201.8
98	62.2	50.2	75.4

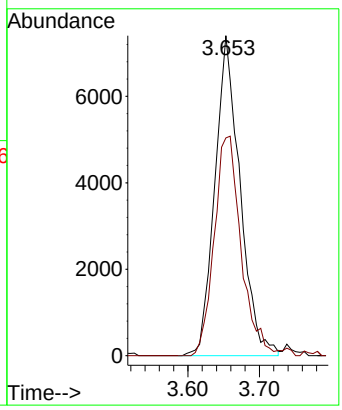




#13
Acrolein
Concen: 115.103 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 56 Resp: 1805

Ion	Ratio	Lower	Upper
56	100		
55	73.1	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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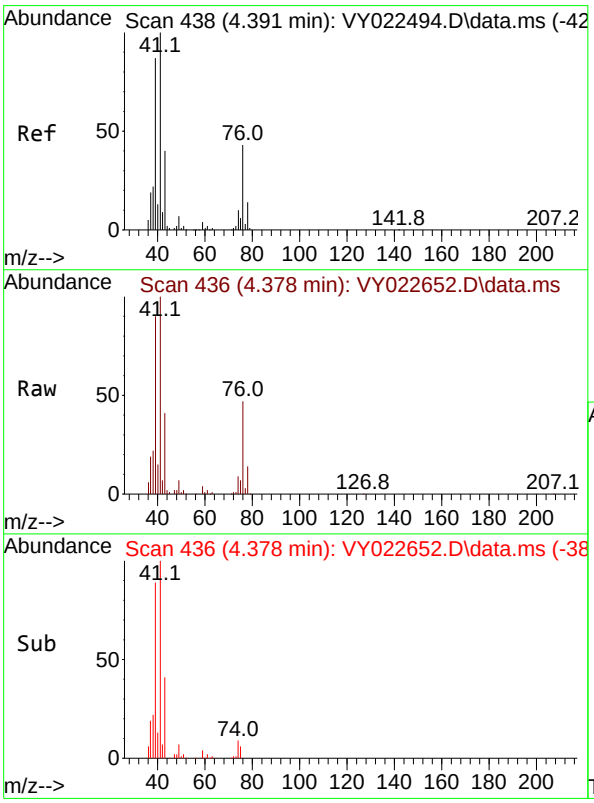
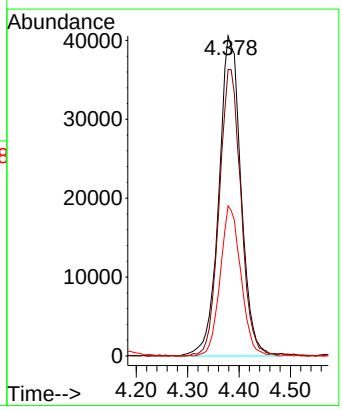
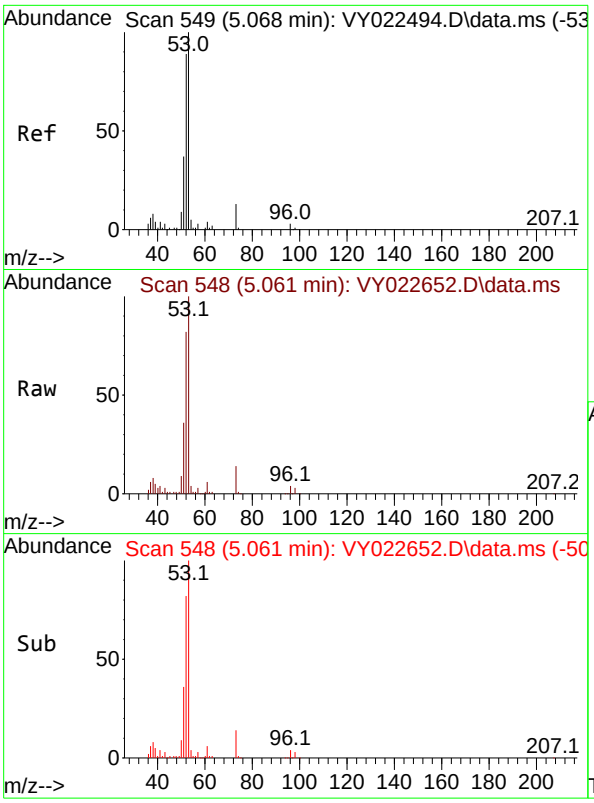


#14
Allyl chloride
Concen: 46.712 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 41 Resp: 121177

Ion	Ratio	Lower	Upper
41	100		
39	87.9	69.1	103.7
76	43.9	33.5	50.3





#15
Acrylonitrile
Concen: 247.609 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 53 Resp: 9693

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.7	98.5
51	38.0	30.1	45.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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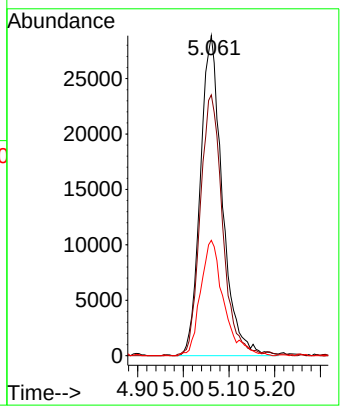
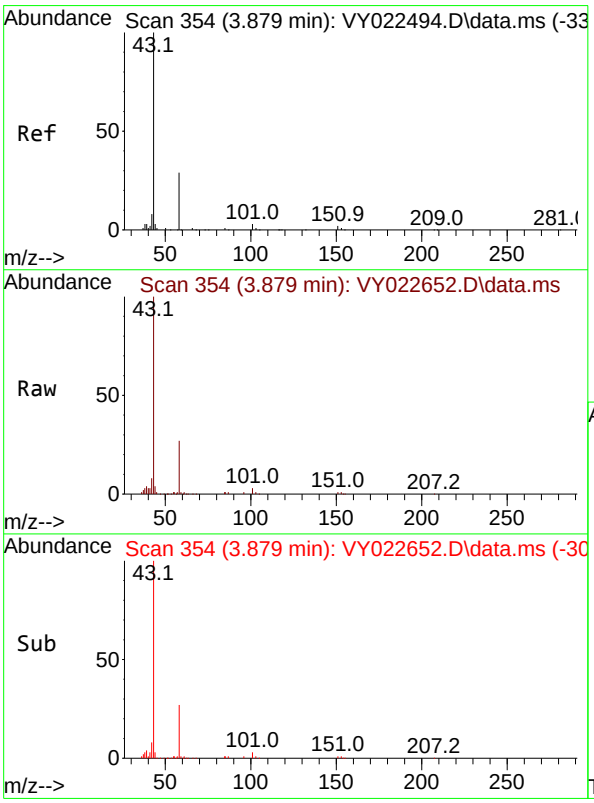
Supervised By :Semsettin Yesilyurt 06/12/2025

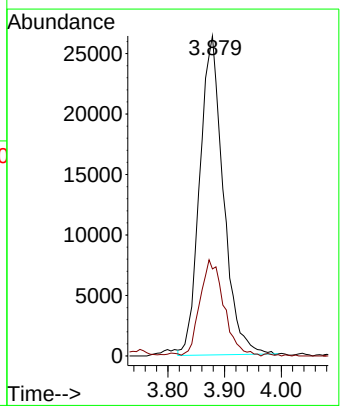


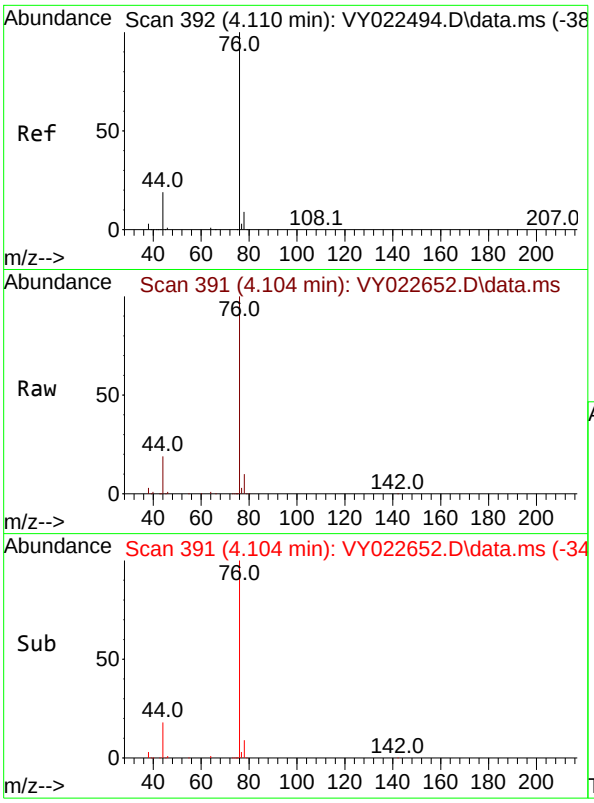


#16
Acetone
Concen: 212.487 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 76054

Ion	Ratio	Lower	Upper
43	100		
58	27.0	24.0	36.0

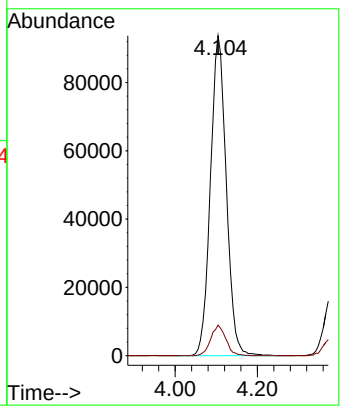




#17
Carbon Disulfide
Concen: 47.420 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 76 Resp: 25087

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
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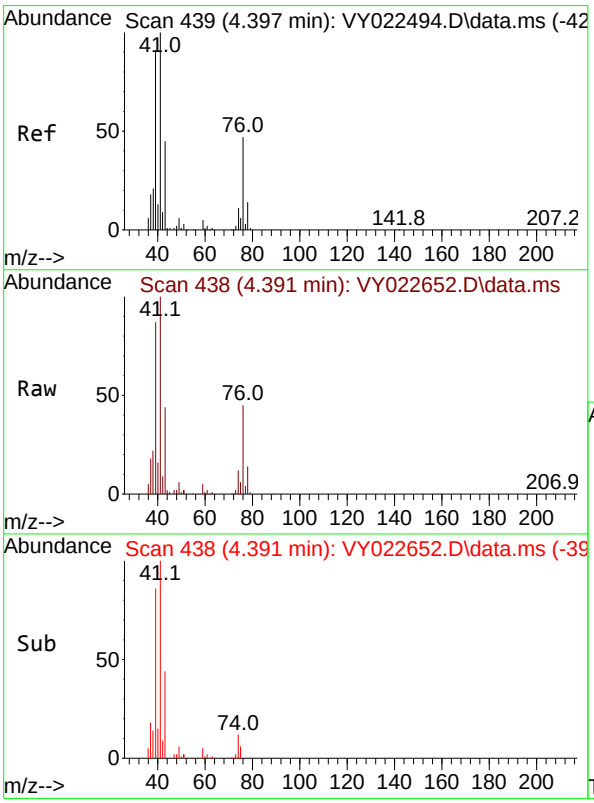
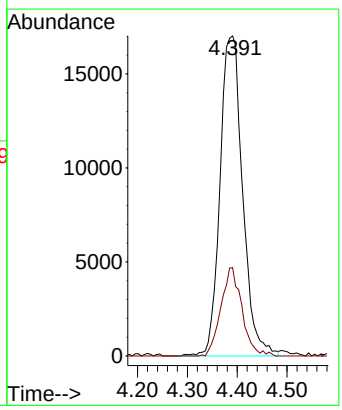
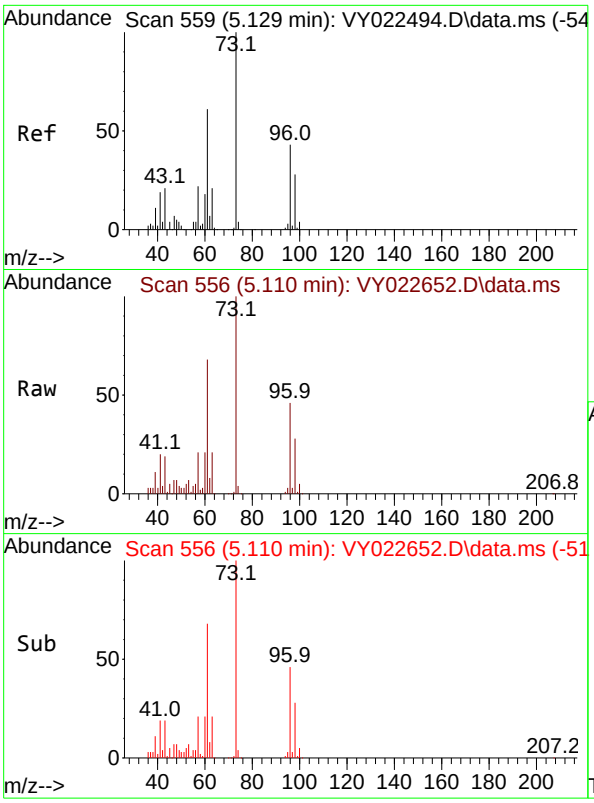


#18
Methyl Acetate
Concen: 50.535 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 53562

Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.8	29.6

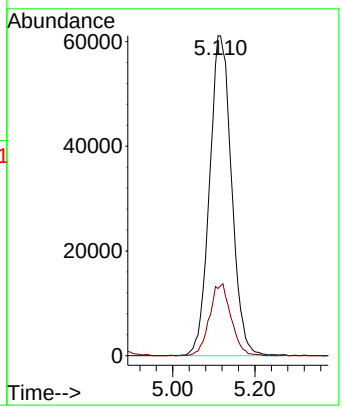




#19
Methyl tert-butyl Ether
Concen: 48.760 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 73 Resp: 22694

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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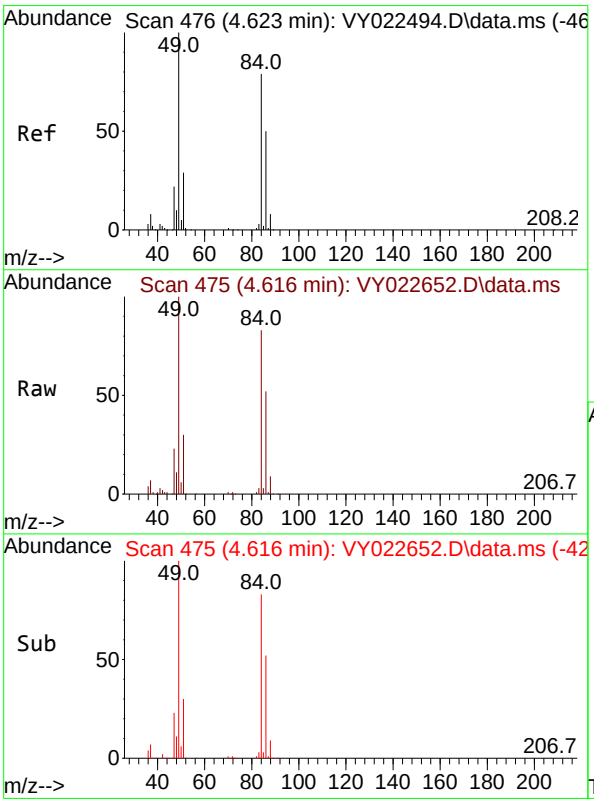
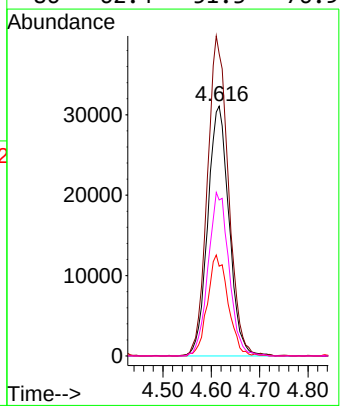
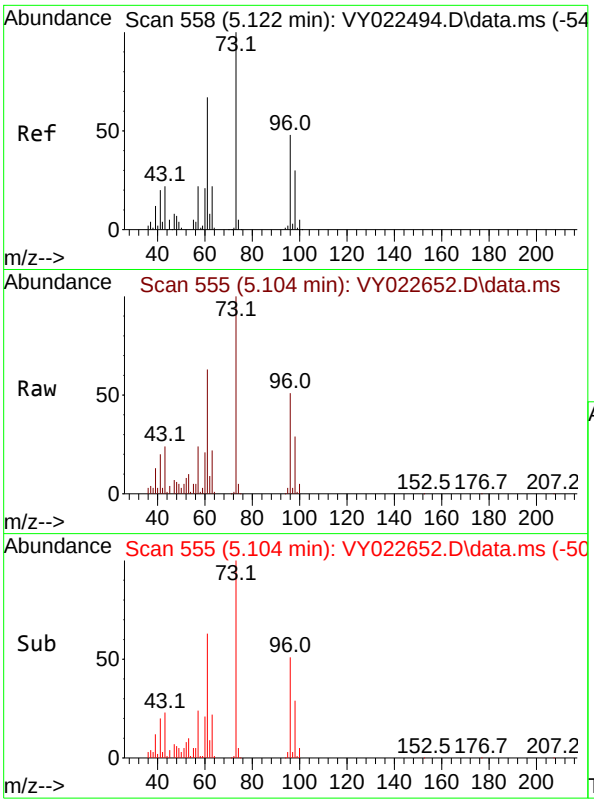


#20
Methylene Chloride
Concen: 46.721 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 84 Resp: 94990

Ion	Ratio	Lower	Upper
84	100		
49	121.0	101.9	152.9
51	35.9	29.8	44.8
86	62.4	51.3	76.9

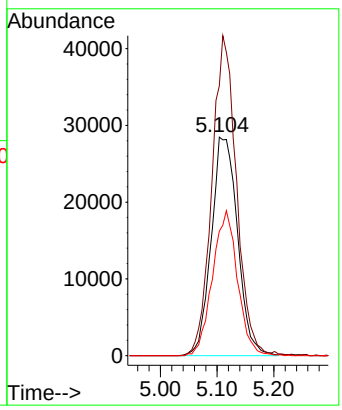




#21
trans-1,2-Dichloroethene
Concen: 49.515 ug/l
RT: 5.104 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 96 Resp: 9157

Ion	Ratio	Lower	Upper
96	100		
61	123.5	112.6	169.0
98	57.0	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
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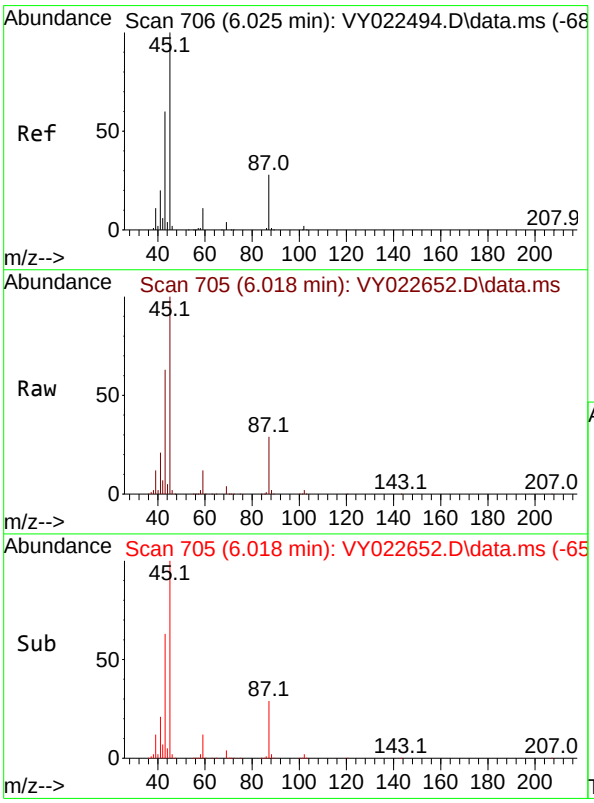
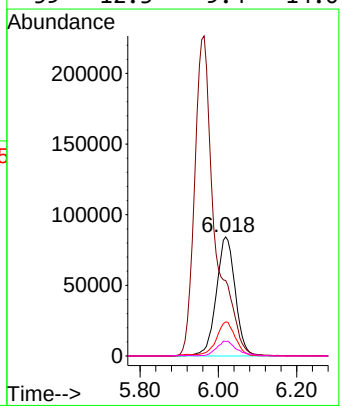
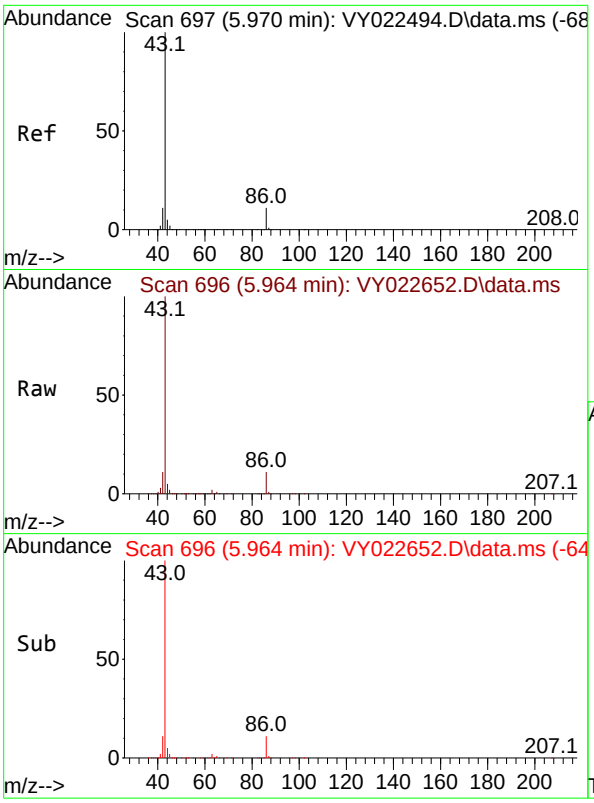


#22
Diisopropyl ether
Concen: 49.152 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 45 Resp: 283820

Ion	Ratio	Lower	Upper
45	100		
43	62.8	48.3	72.5
87	28.5	23.0	34.6
59	12.3	9.4	14.0





#23
Vinyl Acetate
Concen: 238.054 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 81359

Ion	Ratio	Lower	Upper
43	100		
86	11.3	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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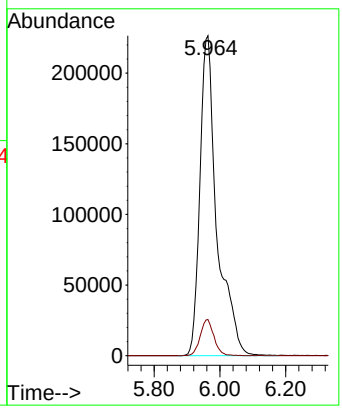
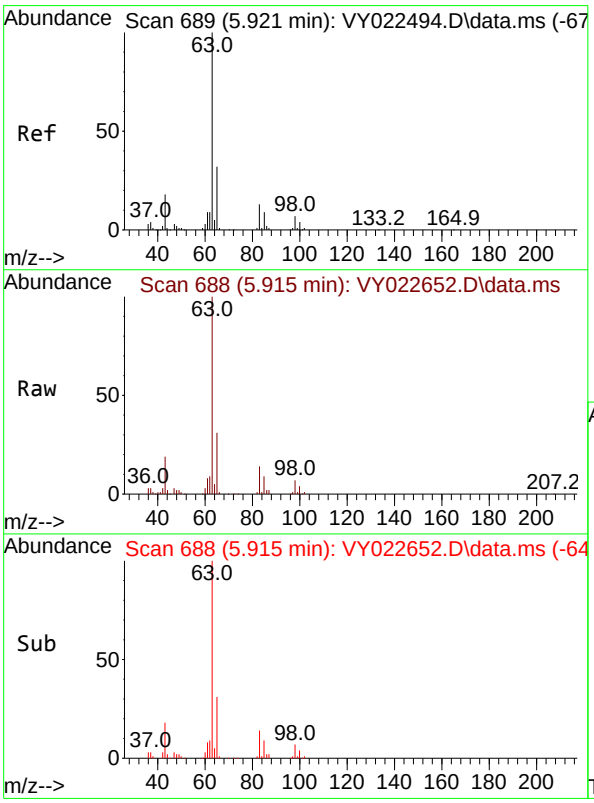
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

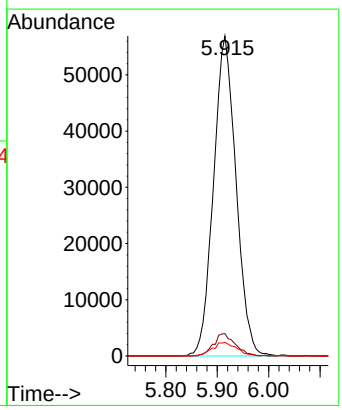


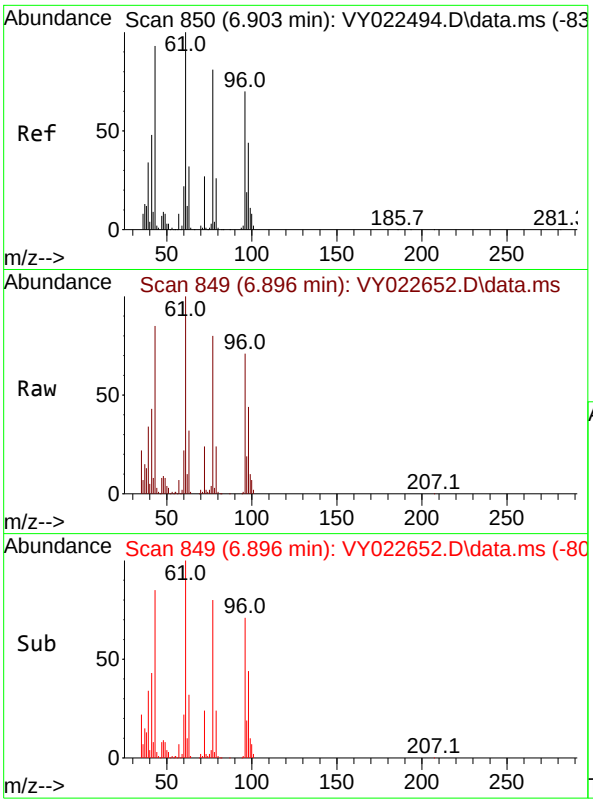


#24
1,1-Dichloroethane
Concen: 50.908 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 63 Resp: 173175

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.1
100	4.3	2.1	6.3





#25
2-Butanone
Concen: 236.409 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 12205

Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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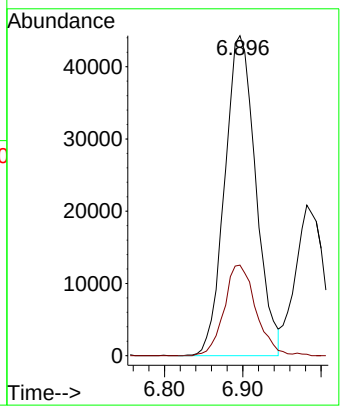
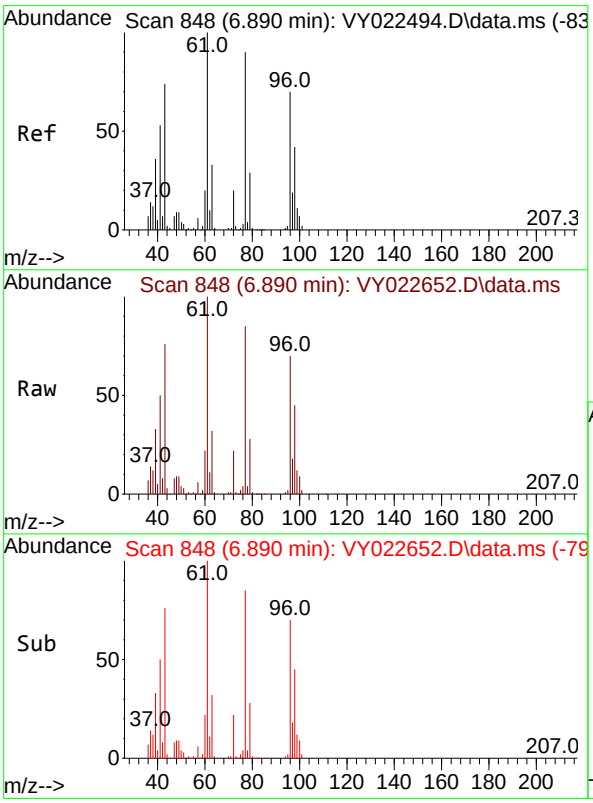
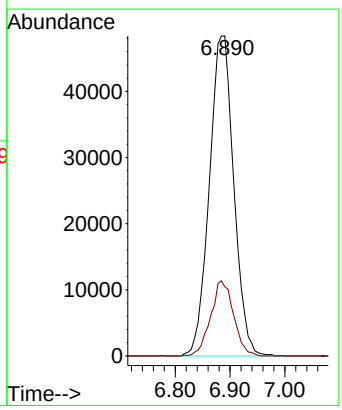


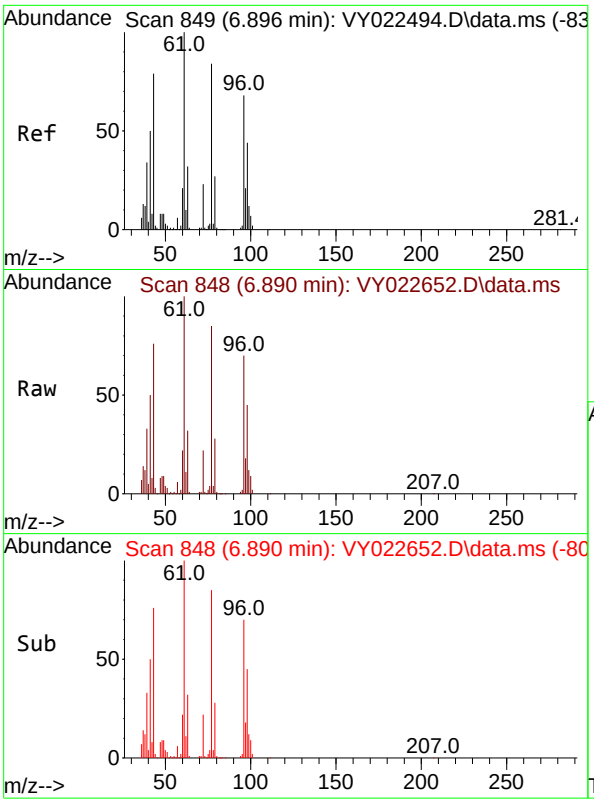


#26
2,2-Dichloropropane
Concen: 49.833 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 77 Resp: 149781

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.4	34.2

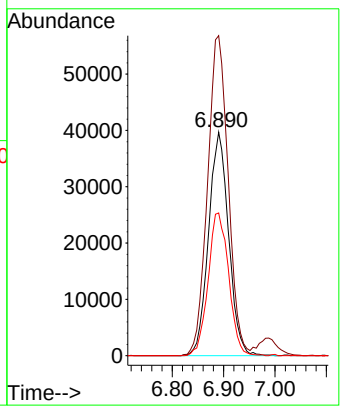




#27
cis-1,2-Dichloroethene
Concen: 50.321 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 96 Resp: 10757

Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	290.0
98	65.5	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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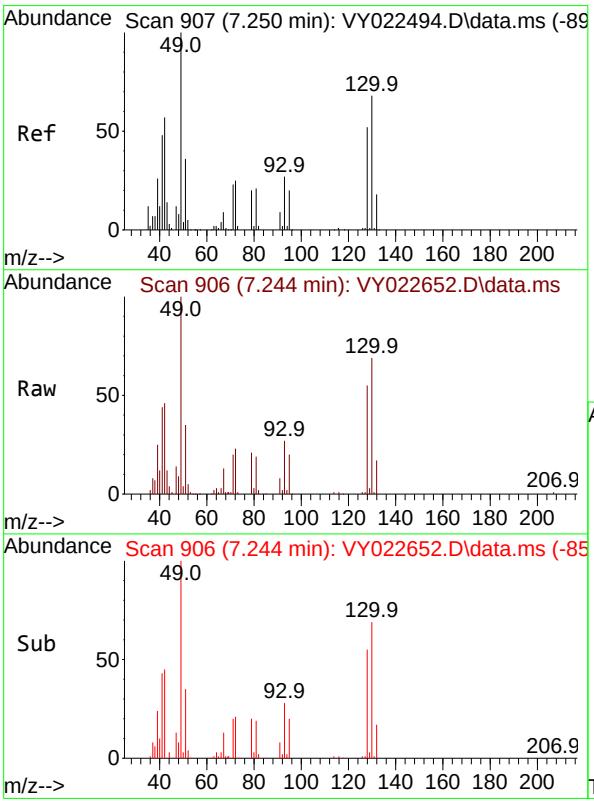
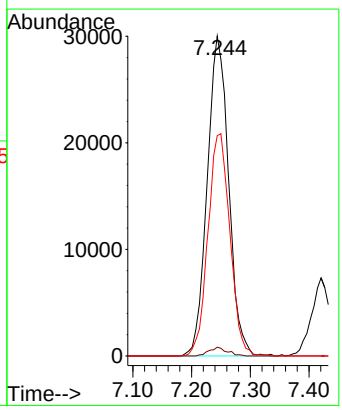
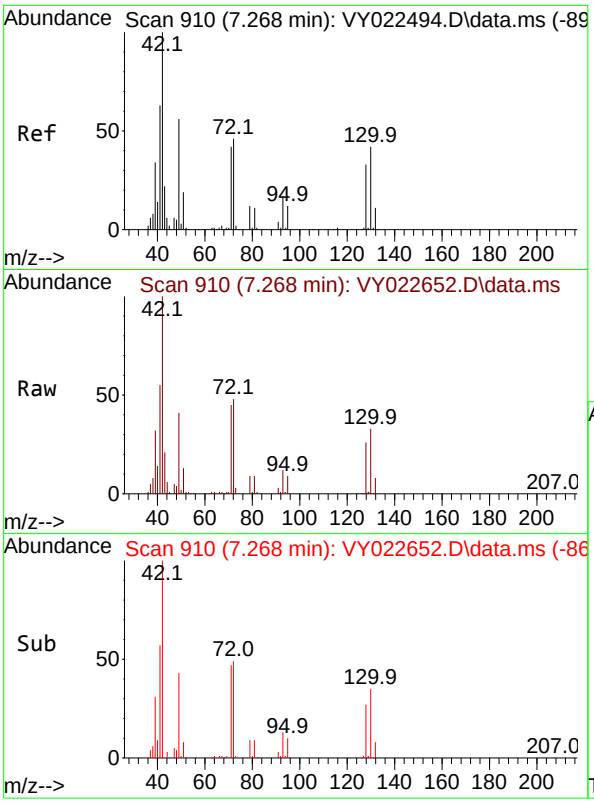


#28
Bromochloromethane
Concen: 51.267 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 49 Resp: 76022

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.6
130	71.2	55.7	83.5





#29
Tetrahydrofuran
Concen: 238.466 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 42 Resp: 7940

Ion	Ratio	Lower	Upper
42	100		
72	47.8	37.4	56.2
71	42.8	34.2	51.2

Instrument :
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ClientSampleId :
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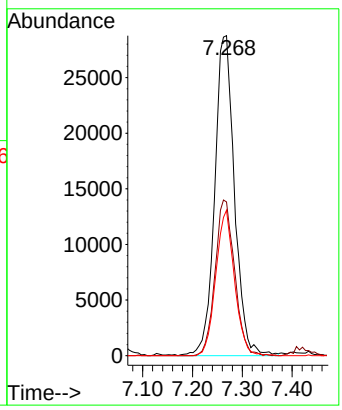
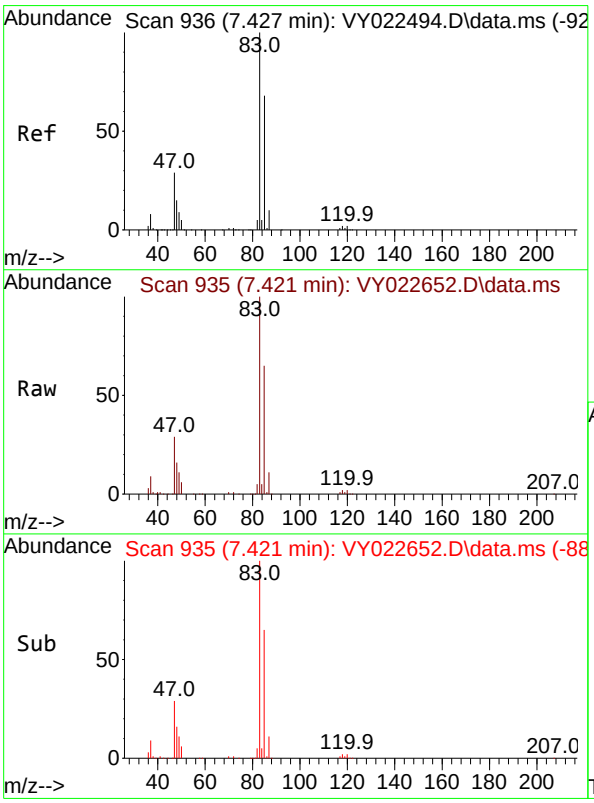
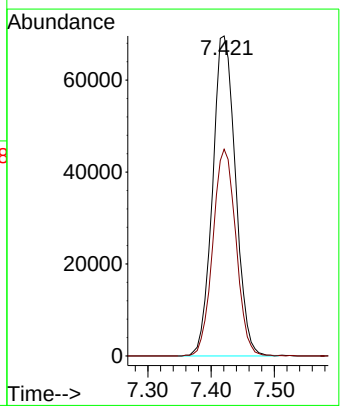


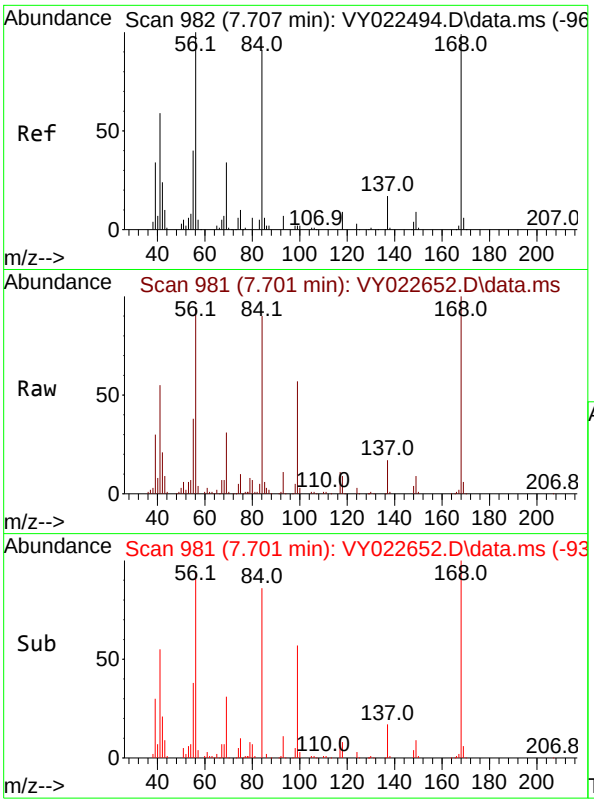


#30
Chloroform
Concen: 51.947 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 83 Resp: 175028

Ion	Ratio	Lower	Upper
83	100		
85	64.6	54.2	81.4





#31
Cyclohexane
Concen: 44.059 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 56 Resp: 14920

Ion	Ratio	Lower	Upper
56	100		
69	33.1	27.0	40.6
84	94.4	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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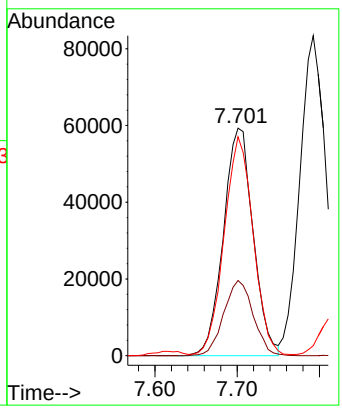
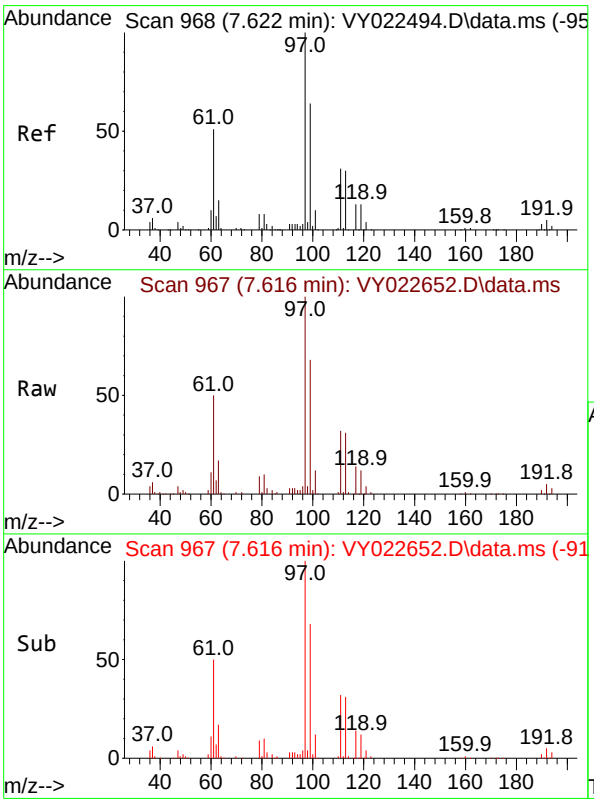
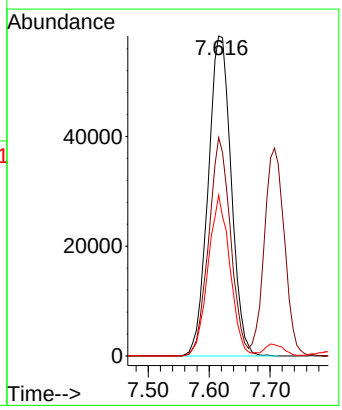


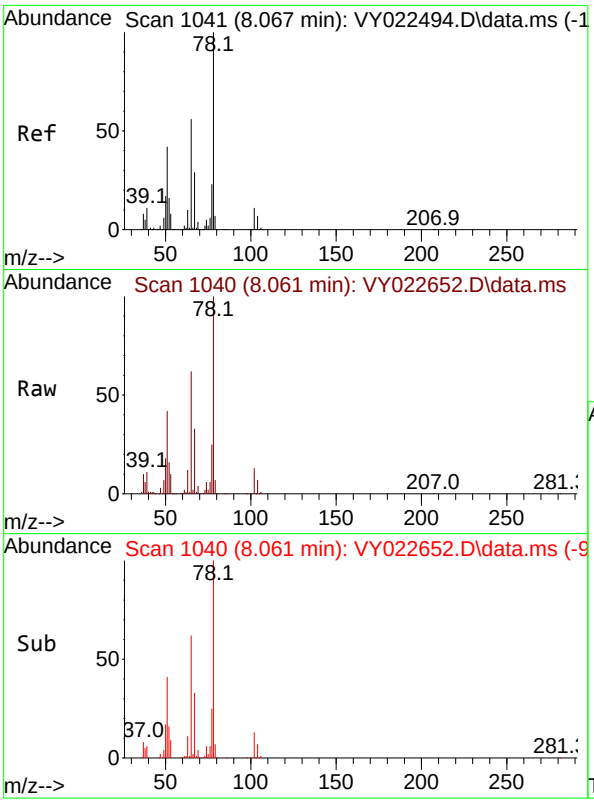


#32
1,1,1-Trichloroethane
Concen: 51.247 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 97 Resp: 153283

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.9	76.3
61	47.6	38.5	57.7

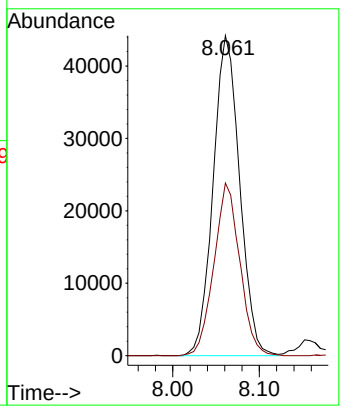




#33
1,2-Dichloroethane-d4
Concen: 53.295 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 65 Resp: 9392

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
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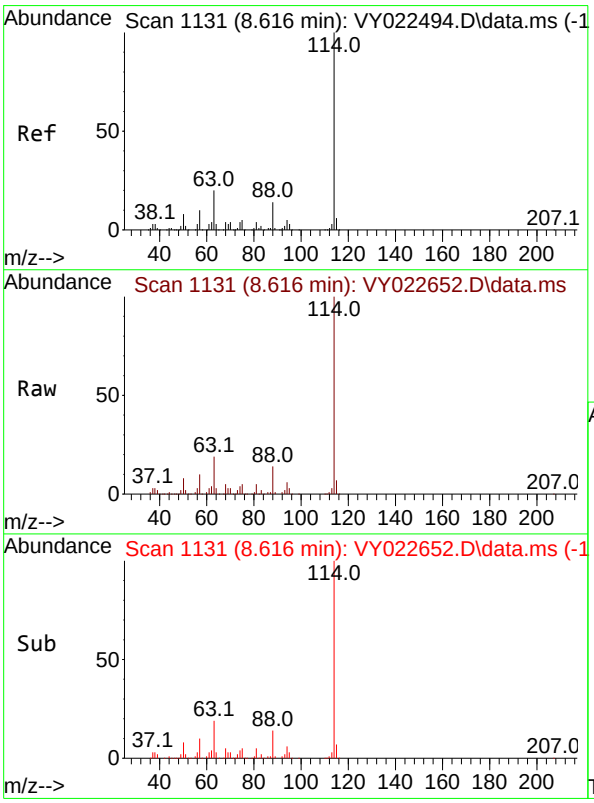
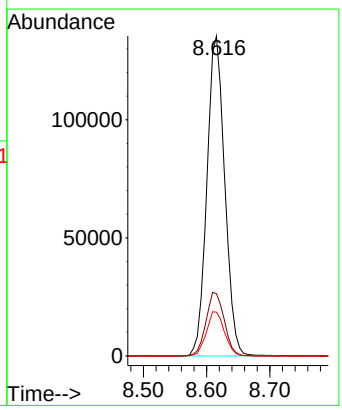
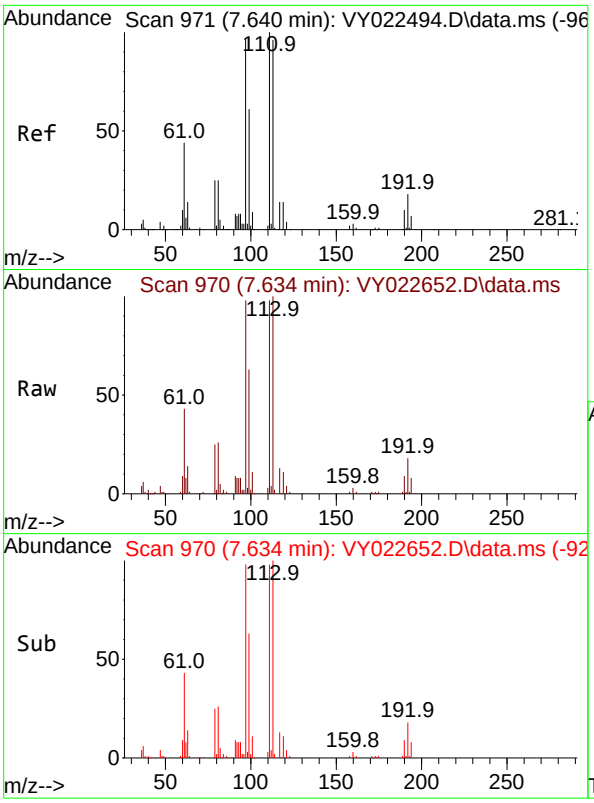


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:114 Resp: 265316

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	13.7	0.0	27.8

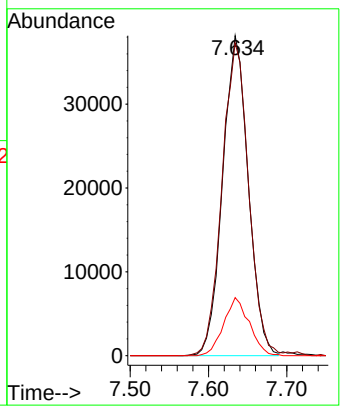




#35
Dibromofluoromethane
Concen: 54.732 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:113 Resp: 8667

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	18.2	14.2	21.2



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VSTDCCC050

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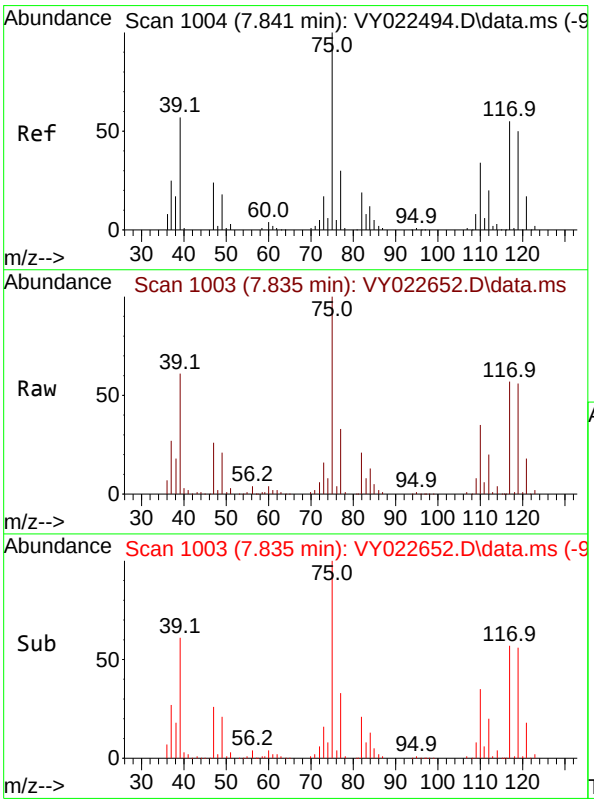
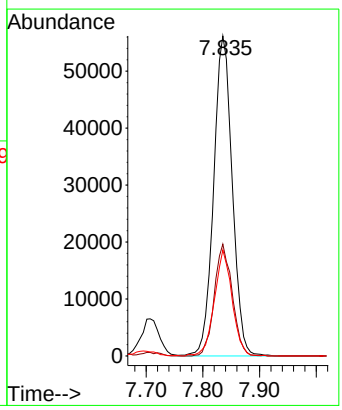
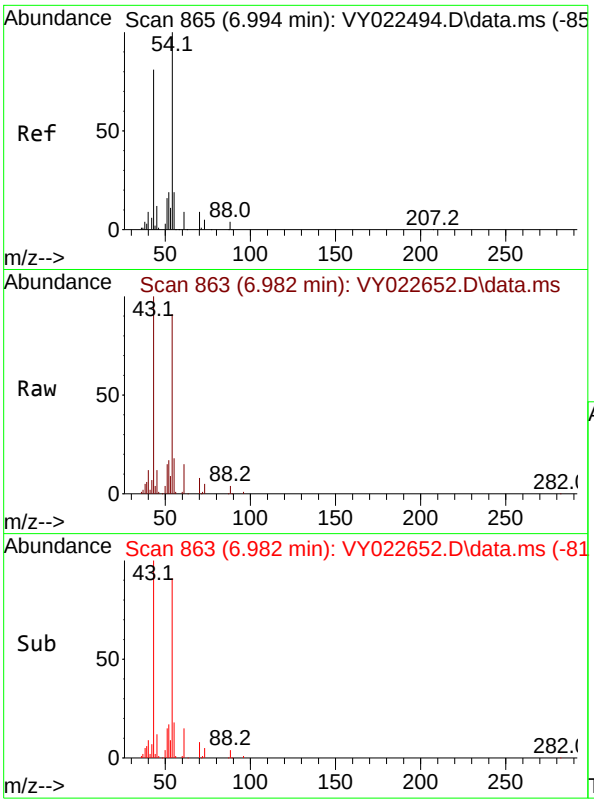


#36
1,1-Dichloropropene
Concen: 49.883 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 128210

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	31.6	24.8	37.2





#37
Ethyl Acetate
Concen: 48.679 ug/l m
RT: 6.982 min Scan# 8
Delta R.T. -0.012 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 5579

Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	9.0	7.2	10.8

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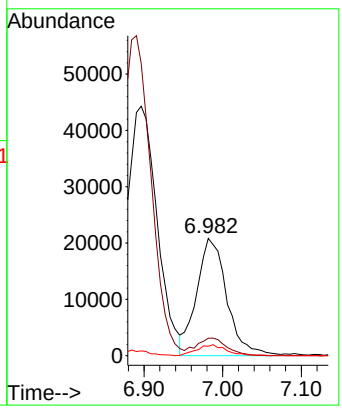
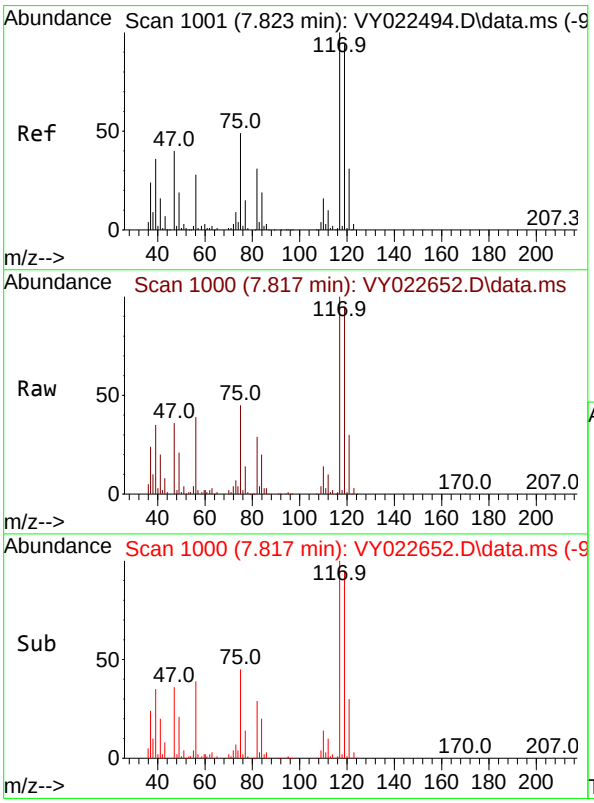
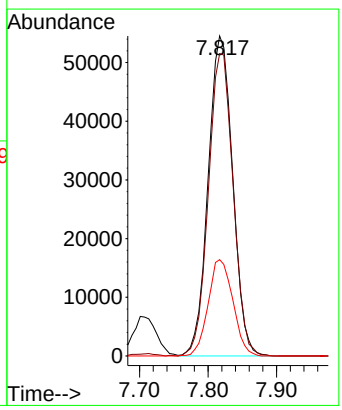


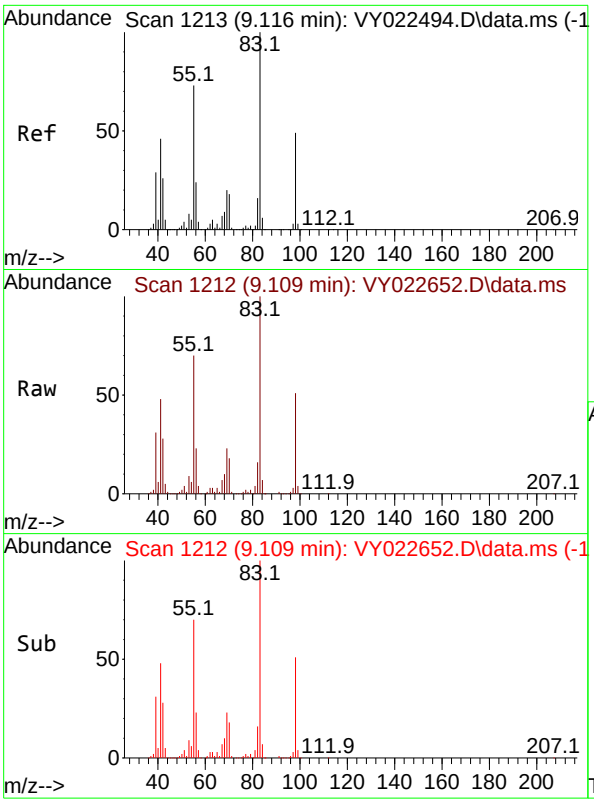


#38
Carbon Tetrachloride
Concen: 51.363 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:117 Resp: 135428

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.0	112.6
121	30.1	25.0	37.4





#39
Methylcyclohexane
Concen: 47.635 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 83 Resp: 16453

Ion	Ratio	Lower	Upper
83	100		
55	70.3	58.1	87.1
98	50.9	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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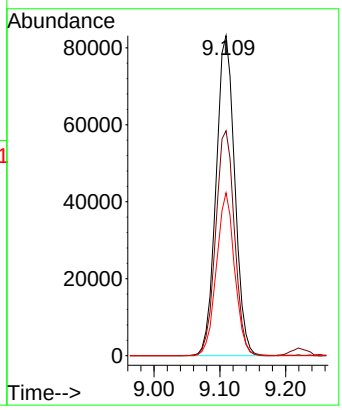
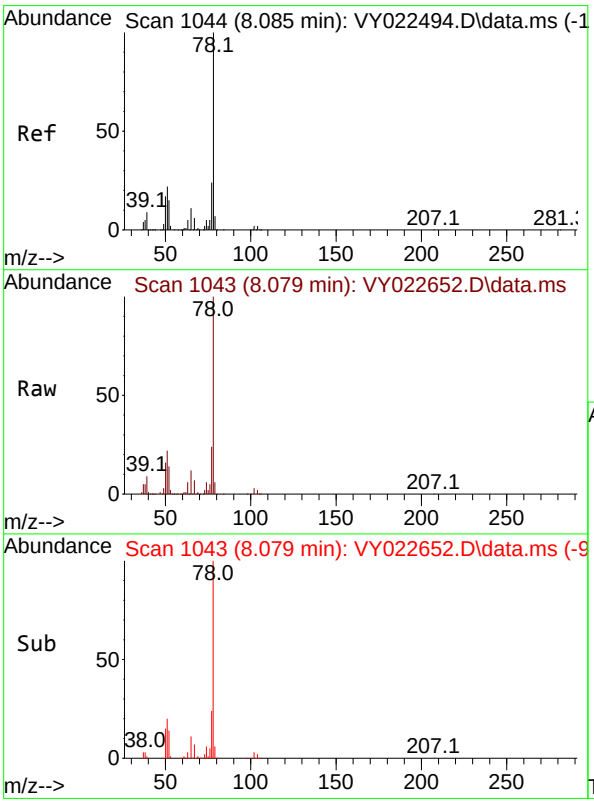
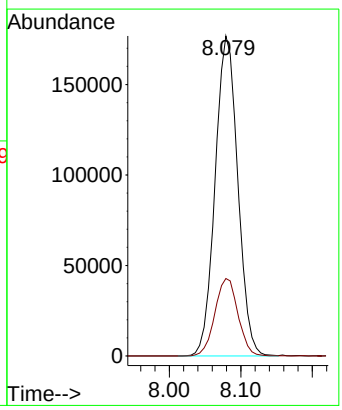


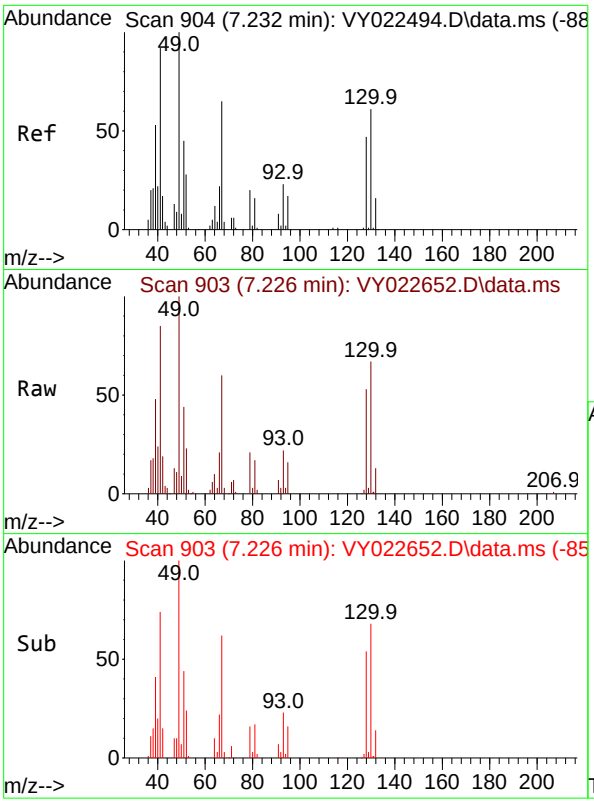


#40
Benzene
Concen: 51.219 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 78 Resp: 388821

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9

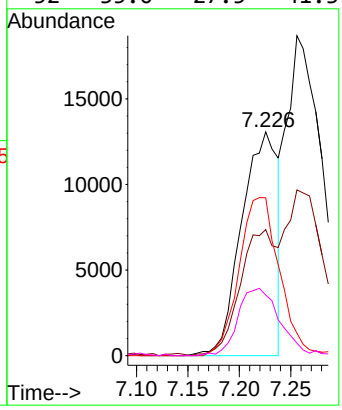




#41
Methacrylonitrile
Concen: 47.810 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 41 Resp: 3200

Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.6	69.8
67	79.4	63.3	94.9
52	35.0	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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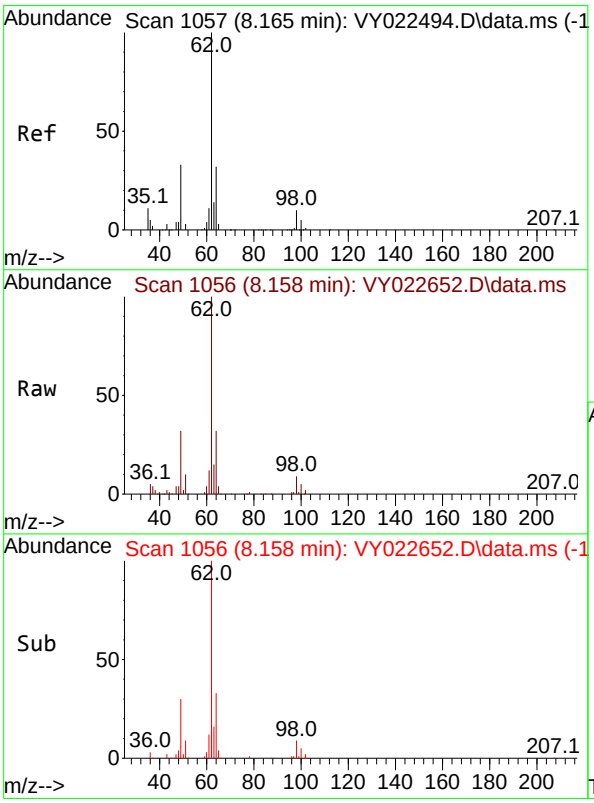
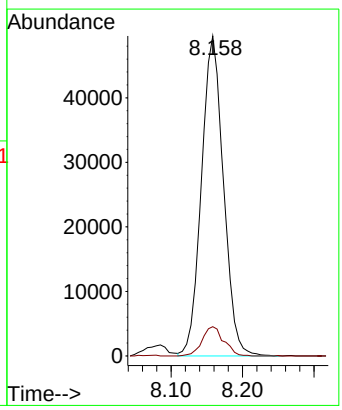
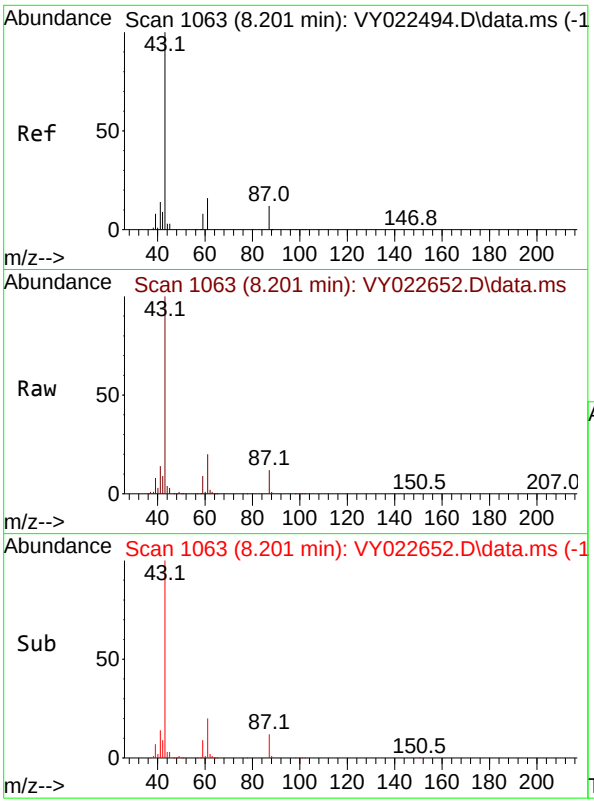


#42
1,2-Dichloroethane
Concen: 51.210 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 62 Resp: 106146

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2

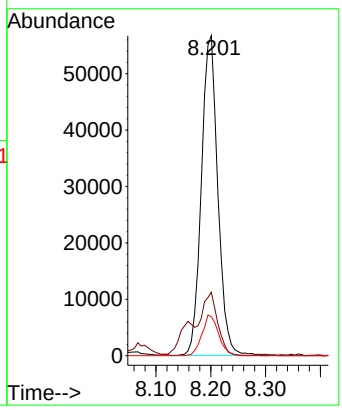




#43
Isopropyl Acetate
Concen: 47.665 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 11799

Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.6	23.4
87	12.8	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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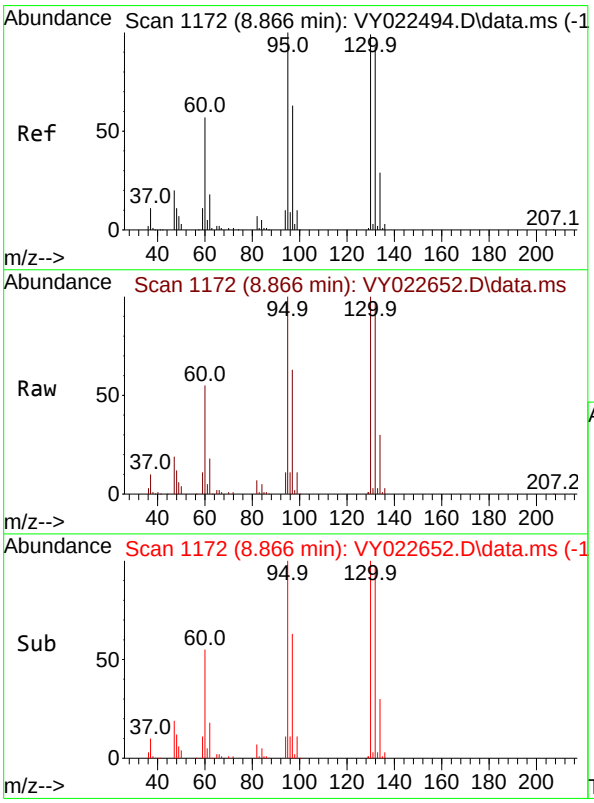
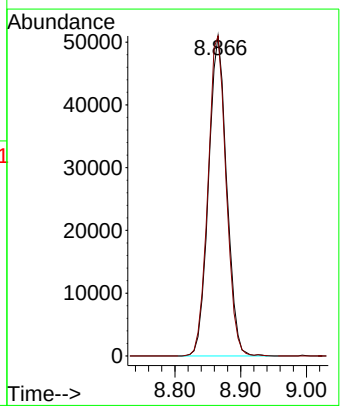
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

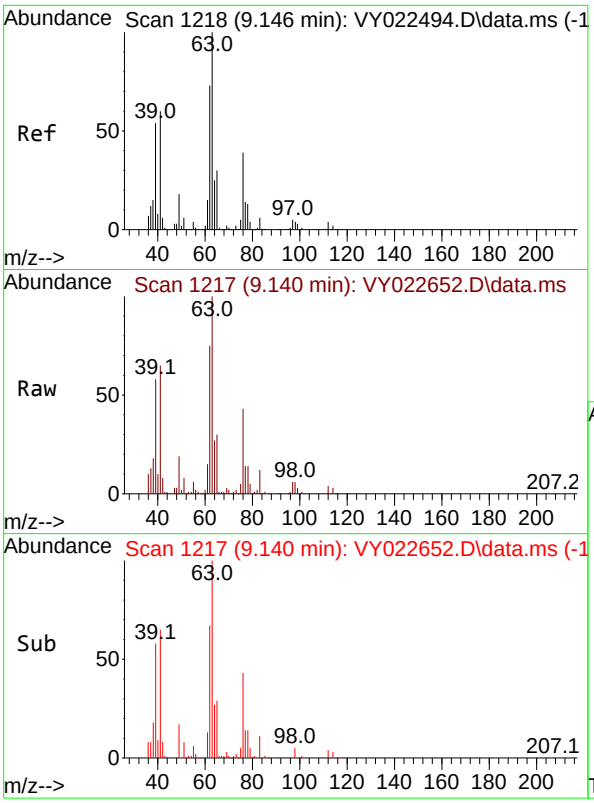


#44
Trichloroethene
Concen: 52.755 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:130 Resp: 97879

Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	203.0

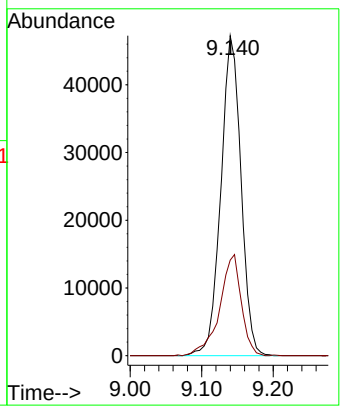




#45
1,2-Dichloropropane
Concen: 51.503 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 63 Resp: 9240

Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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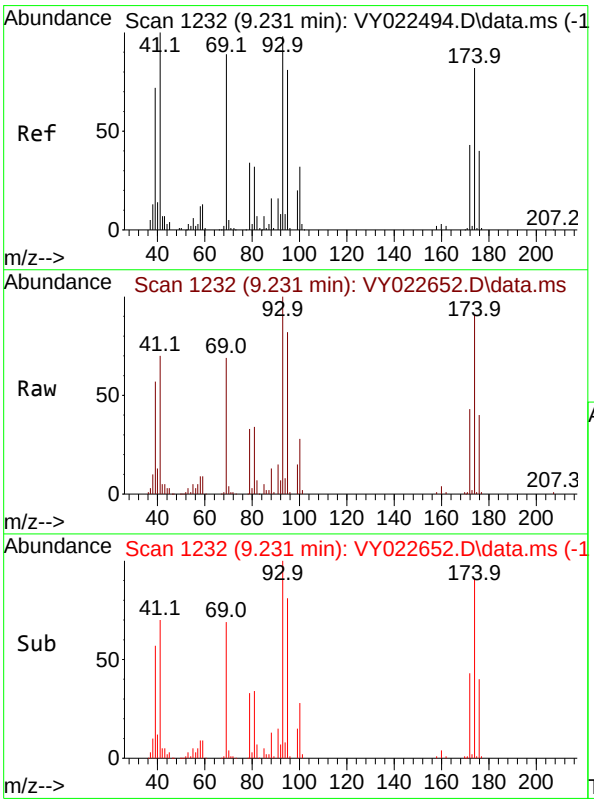
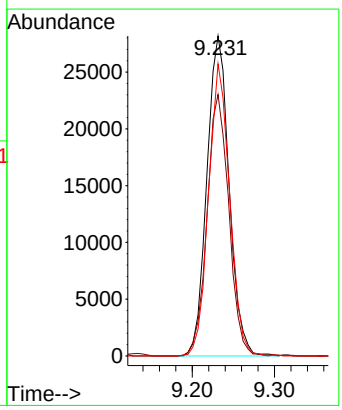
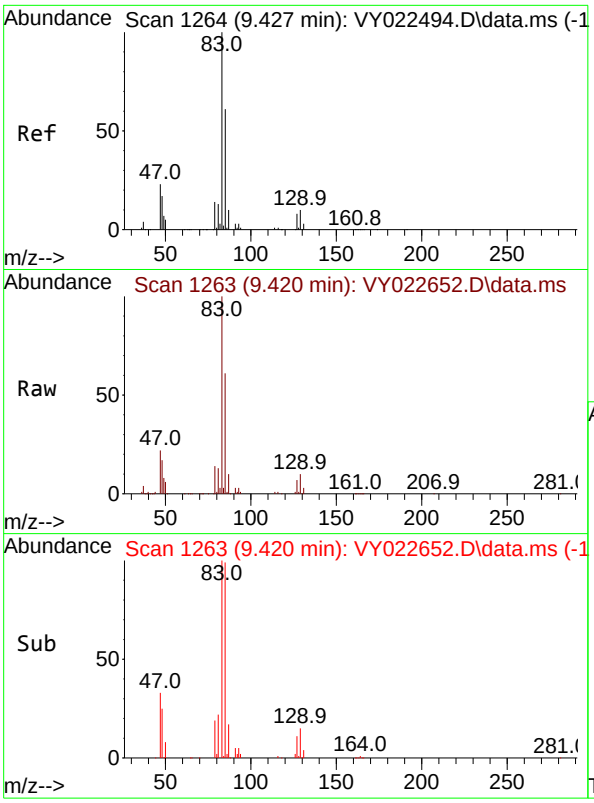


#46
Dibromomethane
Concen: 52.423 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 93 Resp: 52912

Ion	Ratio	Lower	Upper
93	100		
95	80.3	65.6	98.4
174	86.8	70.4	105.6

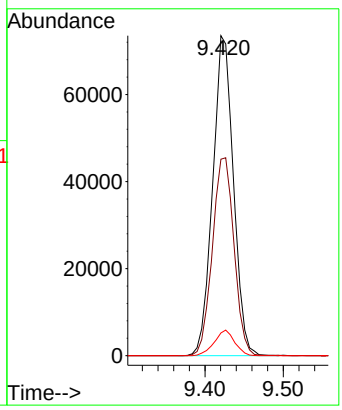




#47
Bromodichloromethane
Concen: 52.817 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 83 Resp: 13517

Ion	Ratio	Lower	Upper
83	100		
85	61.4	49.1	73.7
127	7.1	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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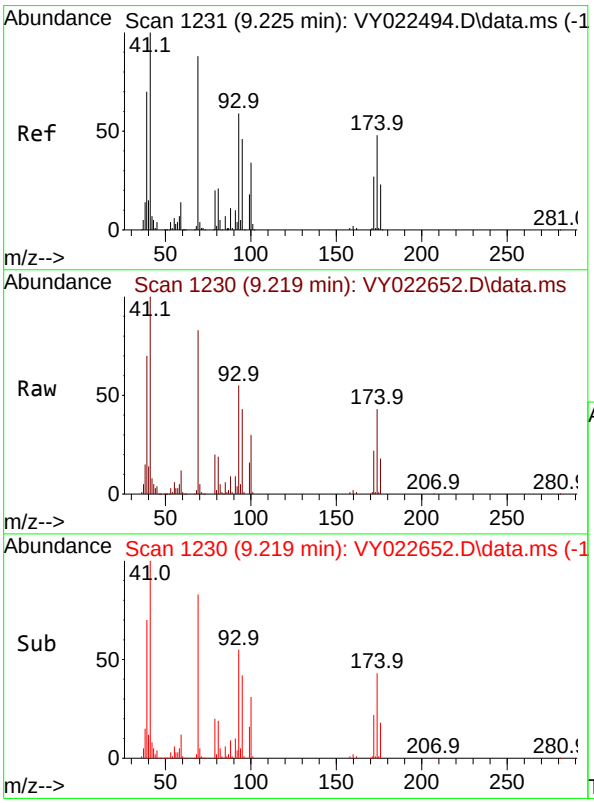
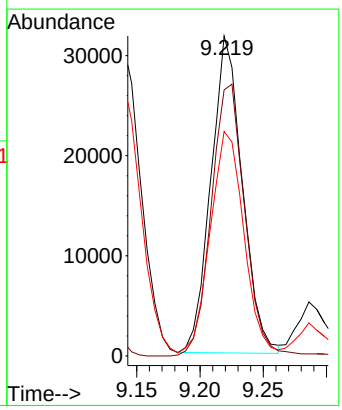
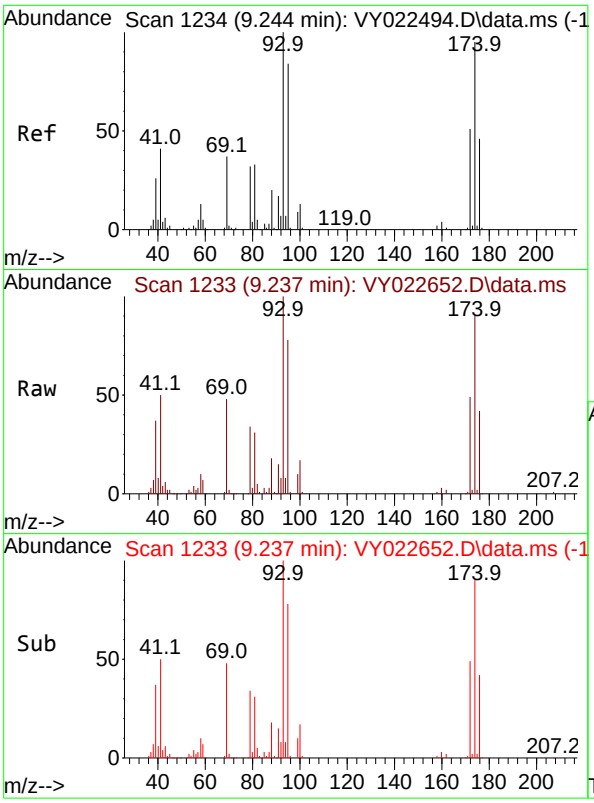


#48
Methyl methacrylate
Concen: 47.036 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 41 Resp: 54646

Ion	Ratio	Lower	Upper
41	100		
69	91.9	67.8	101.8
39	74.3	55.0	82.4





#49
1,4-Dioxane
Concen: 951.195 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 88 Resp: 1137

Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.4	38.2
58	60.8	54.9	82.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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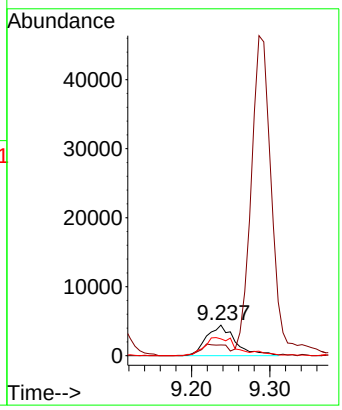
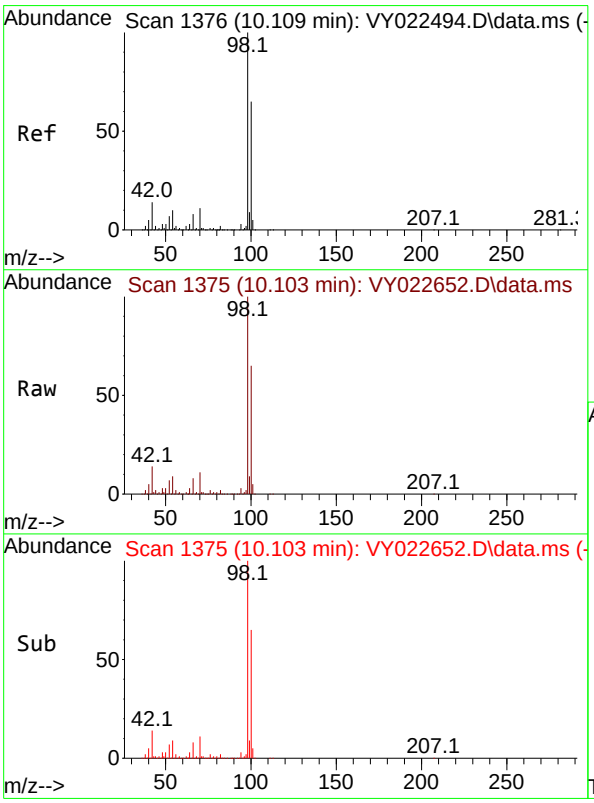
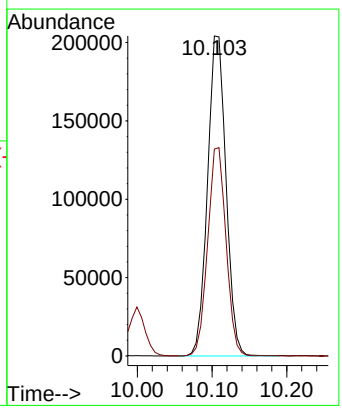


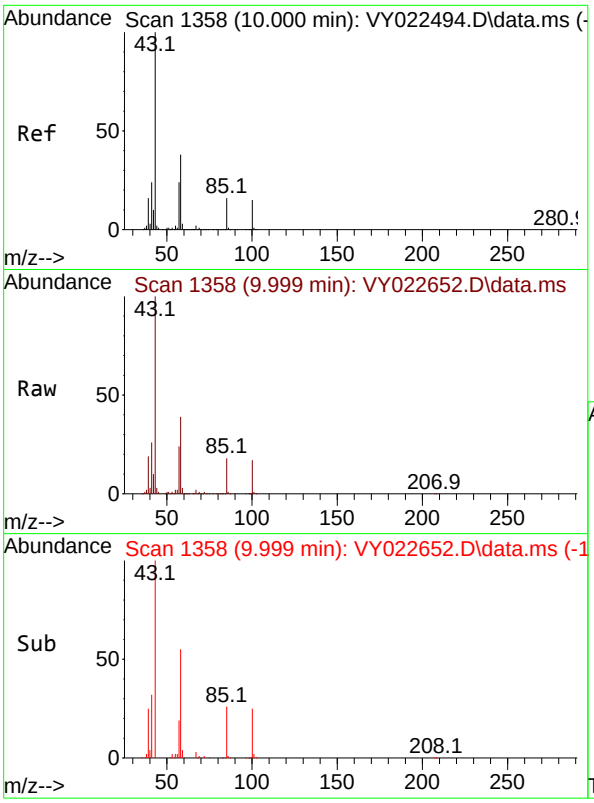


#50
Toluene-d8
Concen: 54.889 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 98 Resp: 351227

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 248.232 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 30636

Ion	Ratio	Lower	Upper
43	100		
58	38.9	30.4	45.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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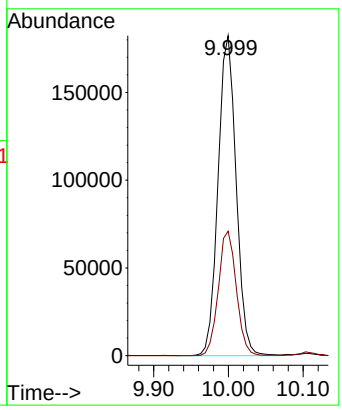
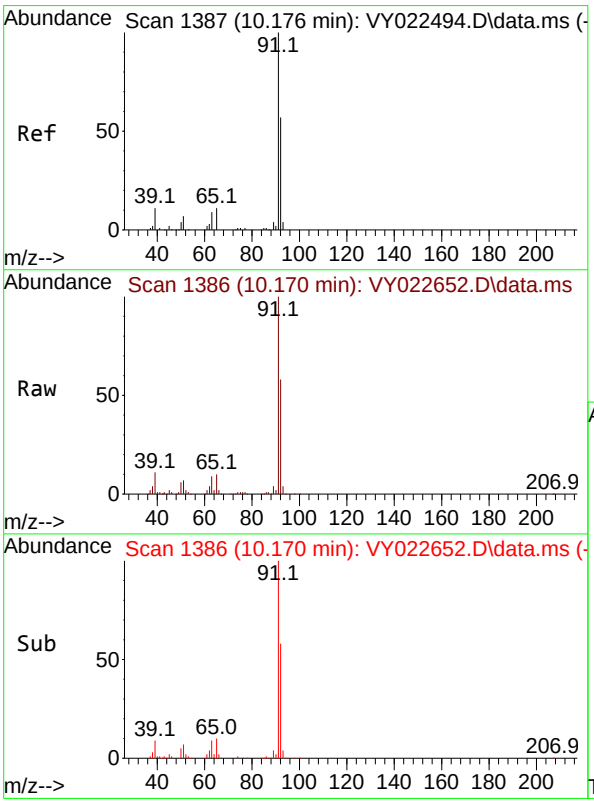
Supervised By :Semsettin Yesilyurt 06/12/2025

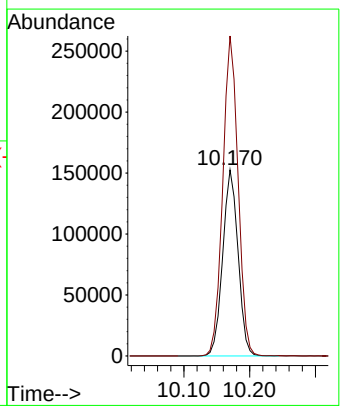


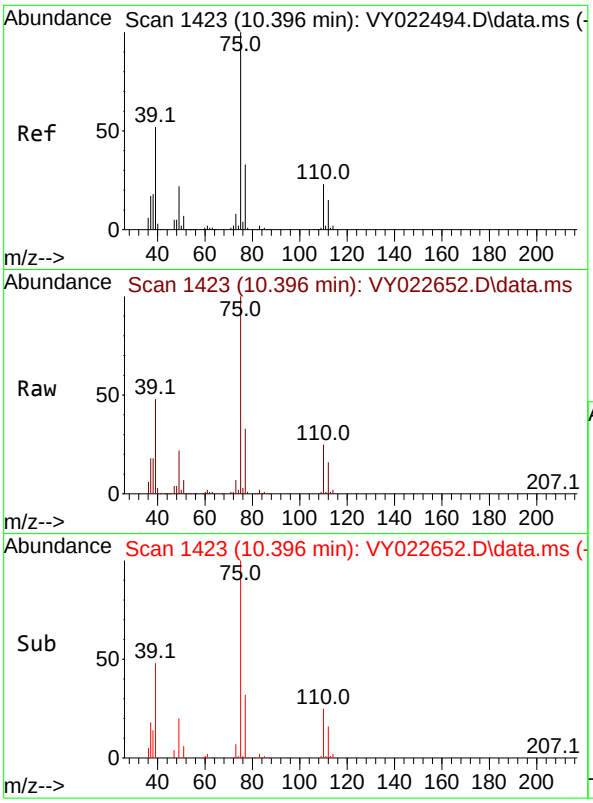


#52
Toluene
Concen: 51.844 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 92 Resp: 247331

Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.0	208.4





#53
t-1,3-Dichloropropene
Concen: 51.731 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 12405

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.5	39.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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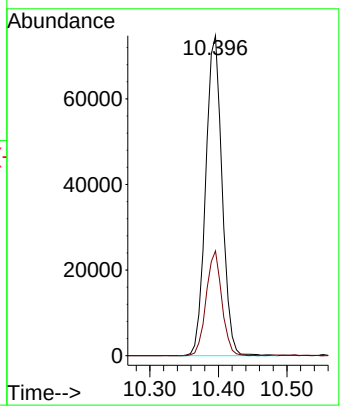
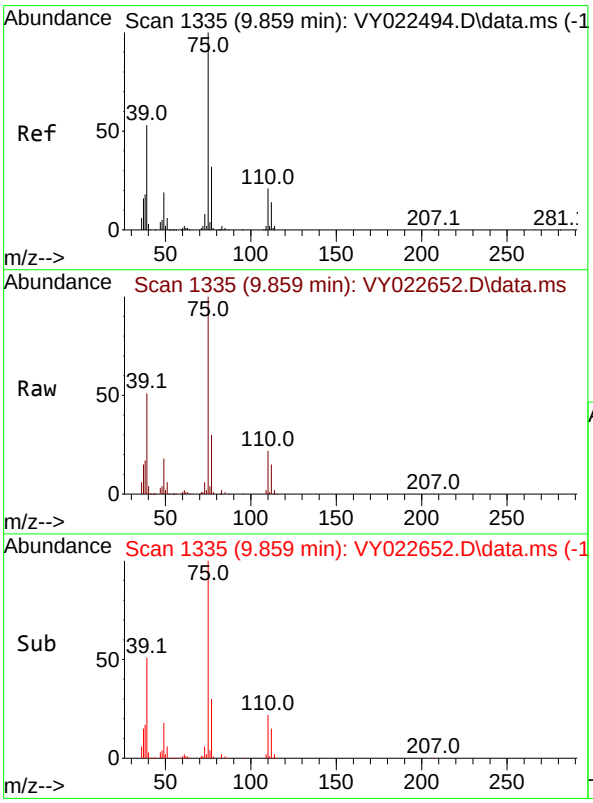
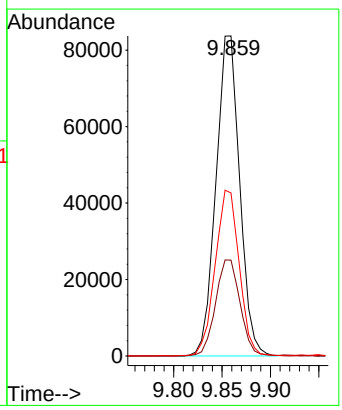


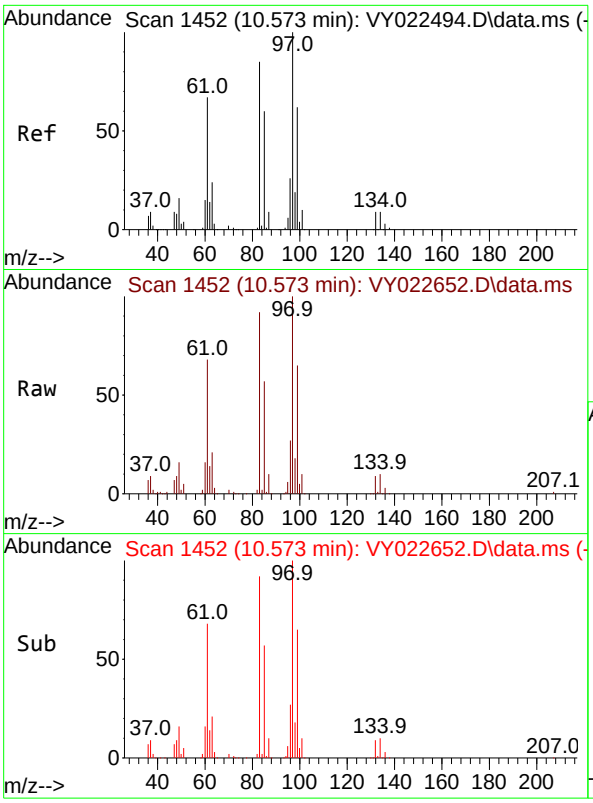


#54
cis-1,3-Dichloropropene
Concen: 51.121 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 142700

Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.3	37.9
39	50.8	42.7	64.1

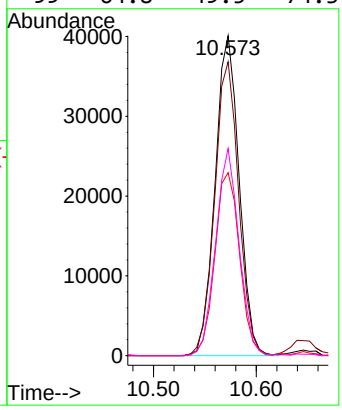




#55
1,1,2-Trichloroethane
Concen: 50.652 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 97 Resp: 6519

Ion	Ratio	Lower	Upper
97	100		
83	91.8	68.1	102.1
85	57.2	48.2	72.2
99	64.8	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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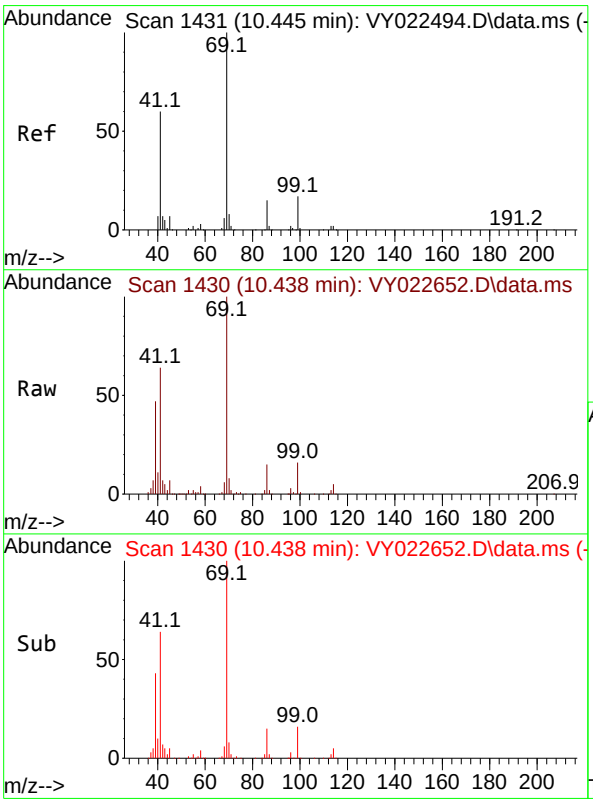
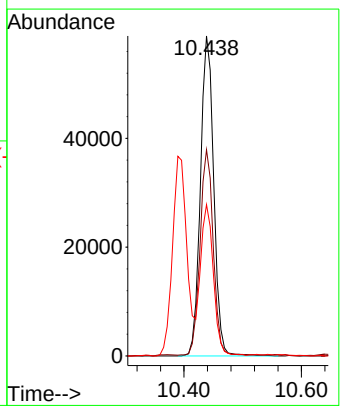
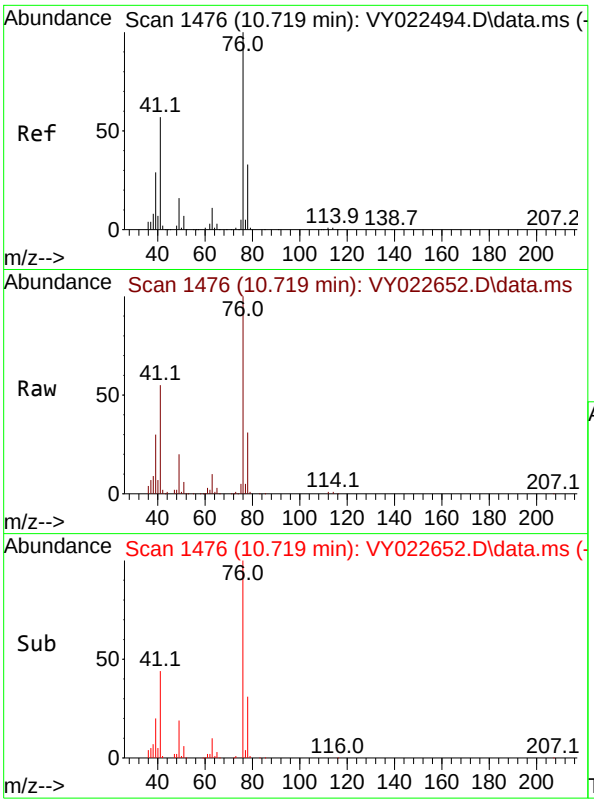


#56
Ethyl methacrylate
Concen: 49.753 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 69 Resp: 92549

Ion	Ratio	Lower	Upper
69	100		
41	63.3	52.2	78.2
39	44.8	36.7	55.1

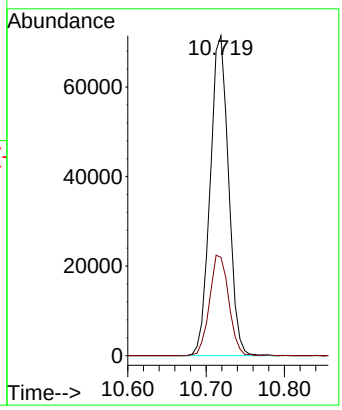




#57
1,3-Dichloropropane
Concen: 50.976 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 76 Resp: 11628

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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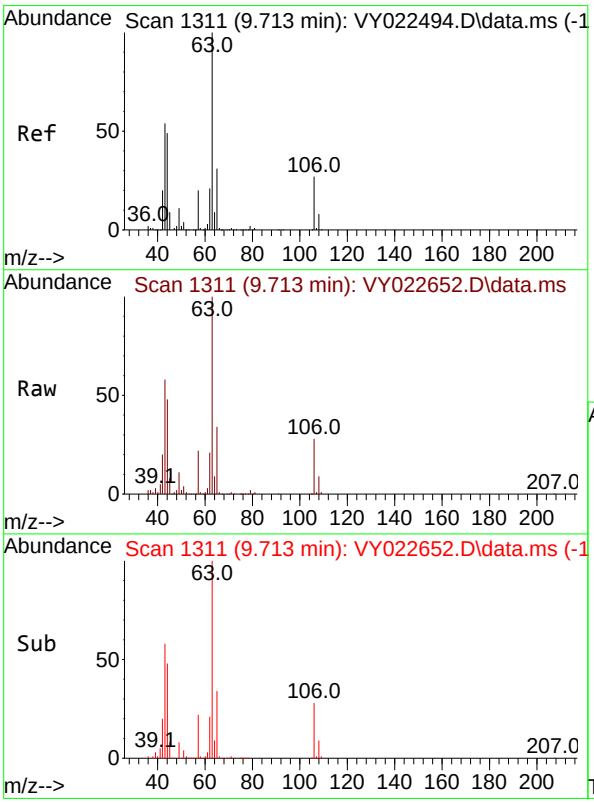
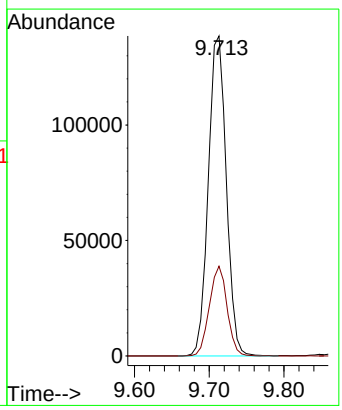
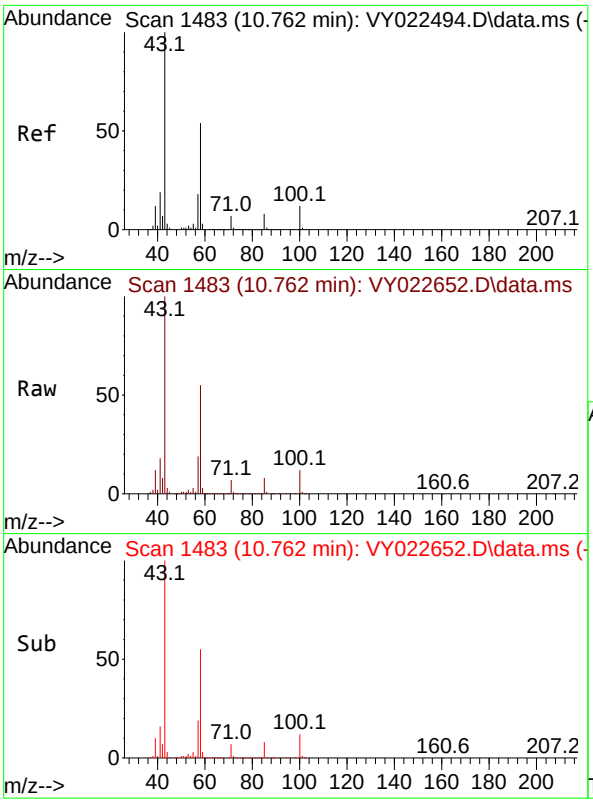


#58
2-Chloroethyl Vinyl ether
Concen: 274.143 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 63 Resp: 231530

Ion	Ratio	Lower	Upper
63	100		
106	27.6	21.6	32.4





#59
2-Hexanone
Concen: 242.841 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 20044

Ion	Ratio	Lower	Upper
43	100		
58	54.8	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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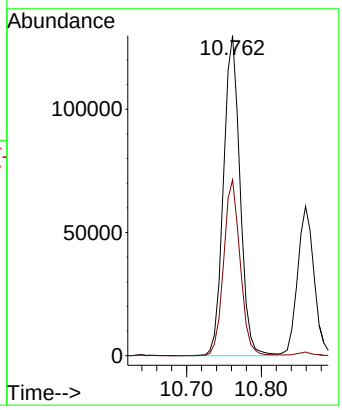
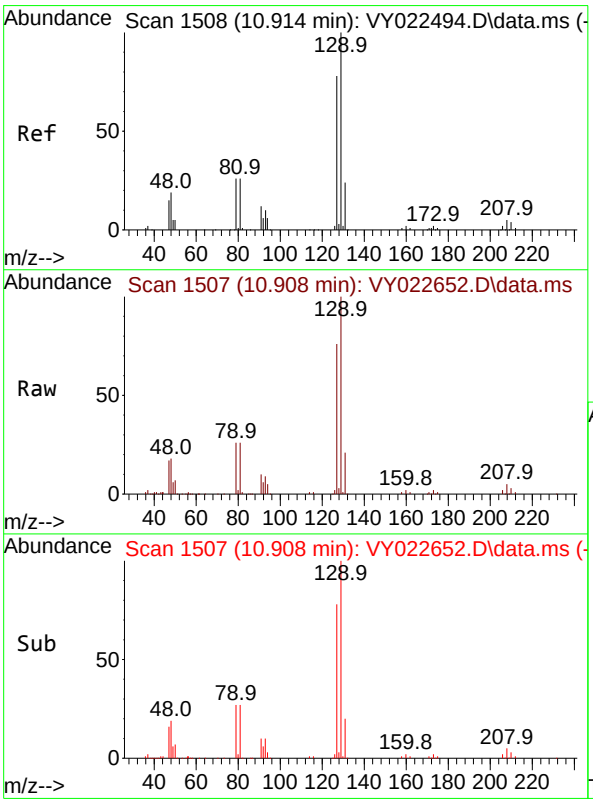
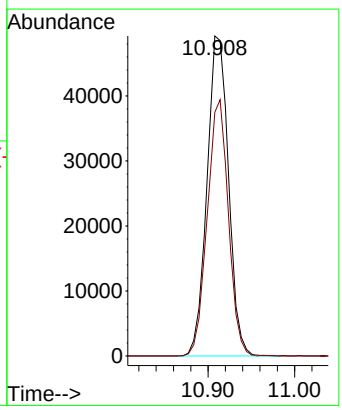


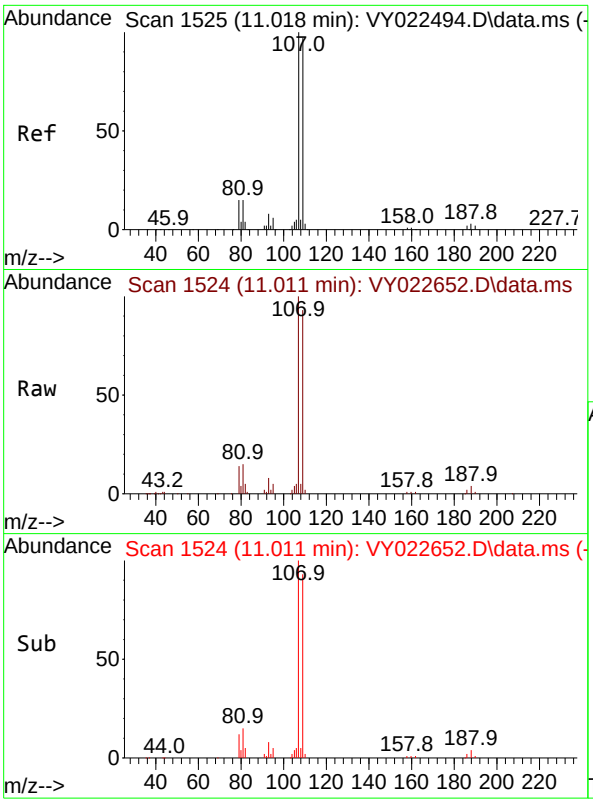


#60
Dibromochloromethane
Concen: 51.909 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:129 Resp: 84902

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.1	117.2





#61
1,2-Dibromoethane
Concen: 51.536 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:107 Resp: 6045

Ion	Ratio	Lower	Upper
107	100		
109	95.3	77.7	116.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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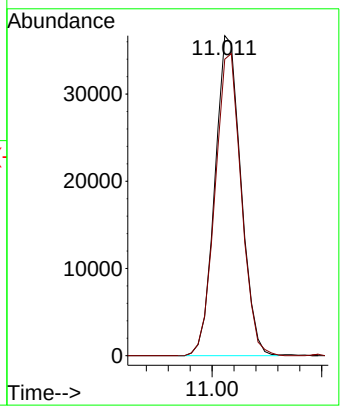
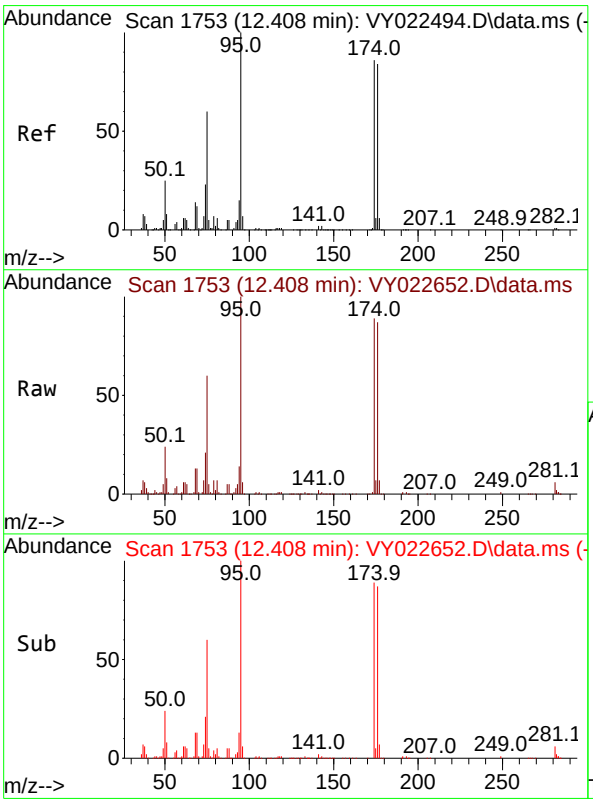
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

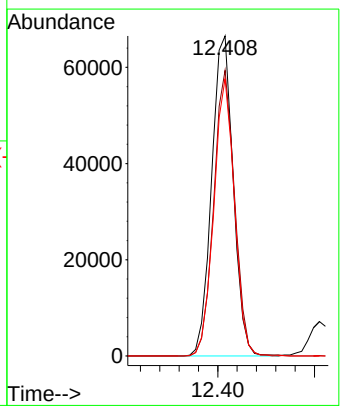


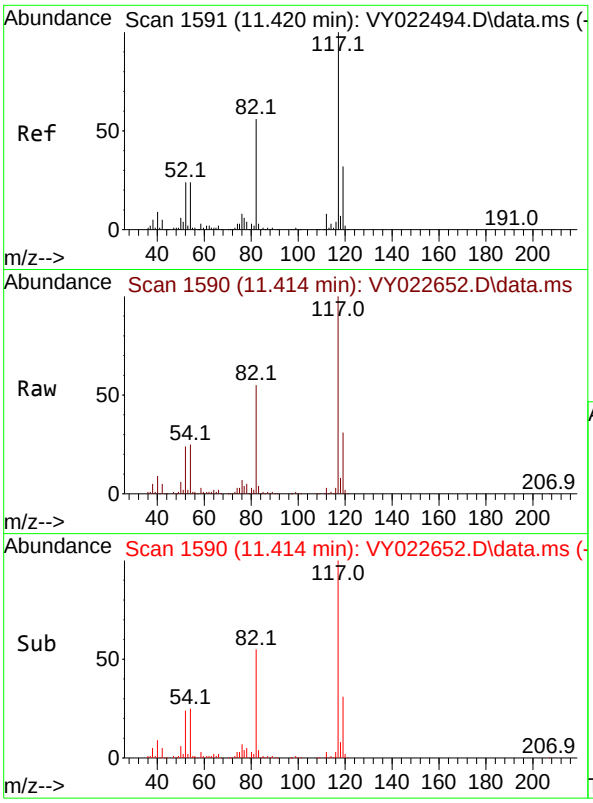


#62
4-Bromofluorobenzene
Concen: 53.948 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 95 Resp: 102854

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	170.0
176	83.0	0.0	166.2

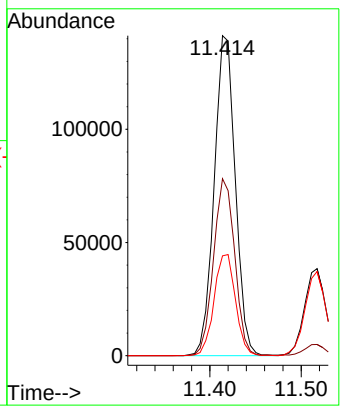




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:117 Resp: 22679

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	66.8
119	31.2	25.4	38.0



Instrument :
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ClientSampleId :
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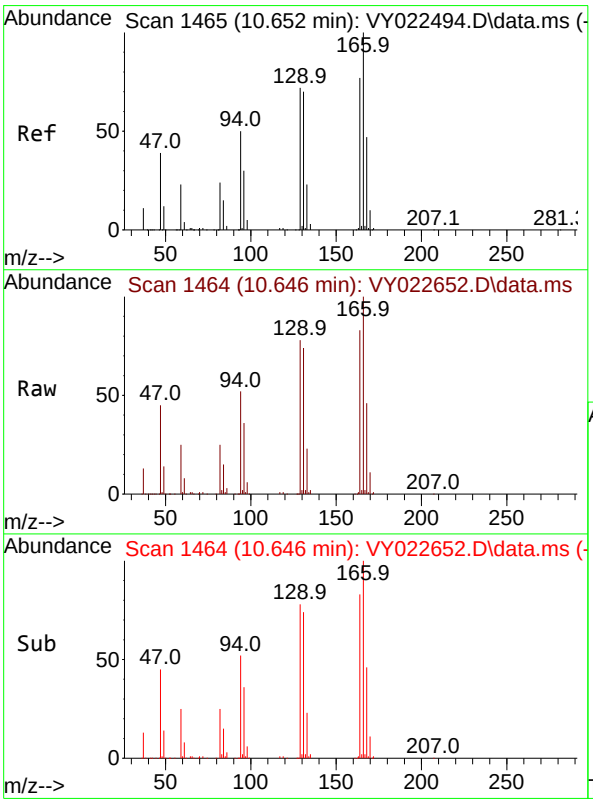
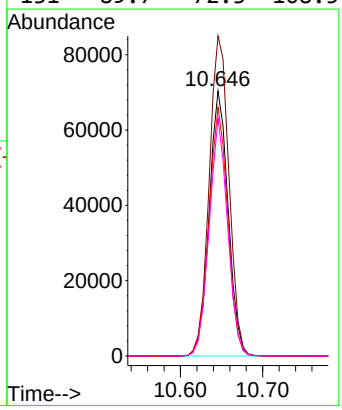
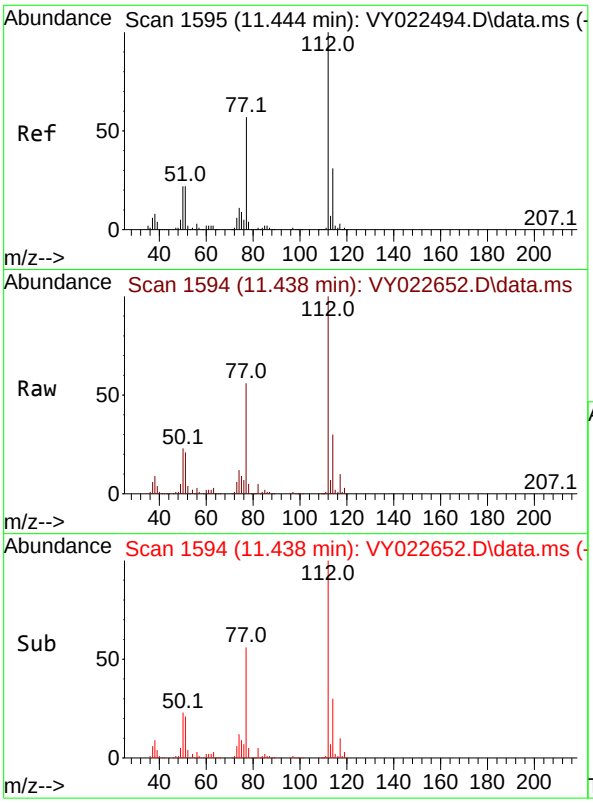


#64
Tetrachloroethene
Concen: 57.985 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:164 Resp: 113126

Ion	Ratio	Lower	Upper
164	100		
166	120.9	104.0	156.0
129	93.9	74.5	111.7
131	89.7	72.3	108.5

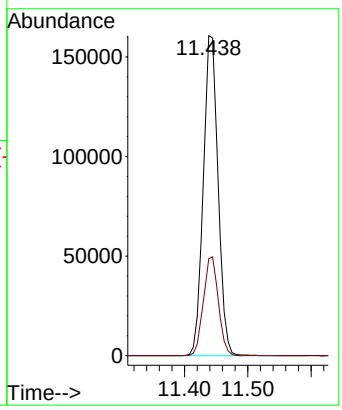




#65
Chlorobenzene
Concen: 52.170 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:112 Resp: 26182

Ion	Ratio	Lower	Upper
112	100		
114	30.3	25.0	37.6



Instrument :
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ClientSampleId :
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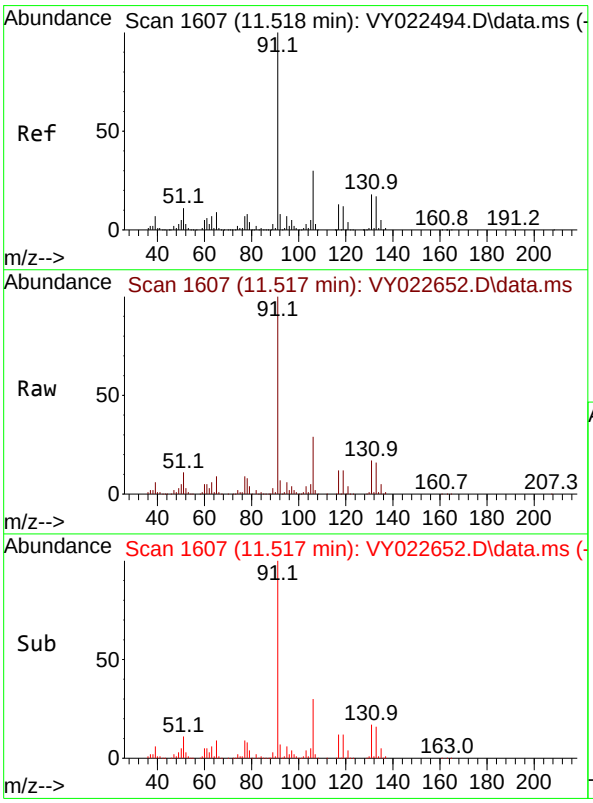
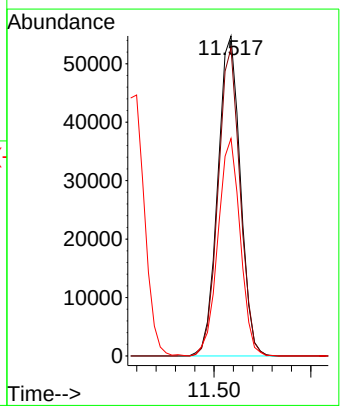
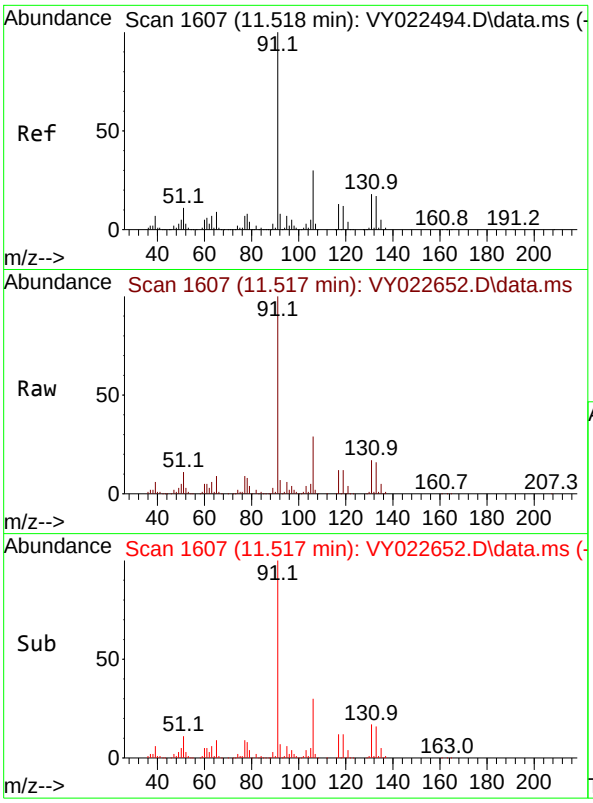


#66
1,1,1,2-Tetrachloroethane
Concen: 52.156 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:131 Resp: 88180

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	141.8
119	67.2	33.1	99.3

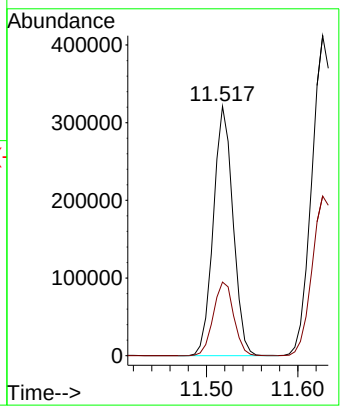




#67
Ethyl Benzene
Concen: 51.549 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 91 Resp: 47985

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.2	36.4



Instrument :
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ClientSampleId :
VSTDCCC050

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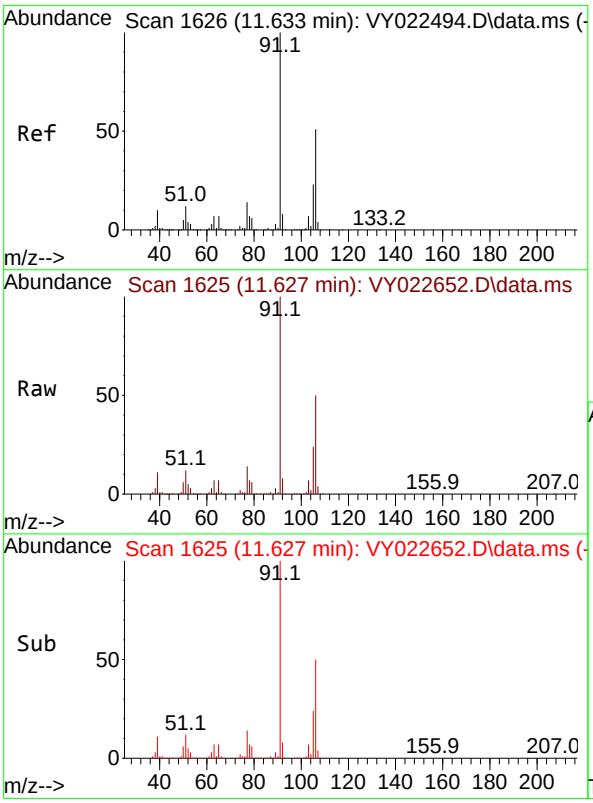
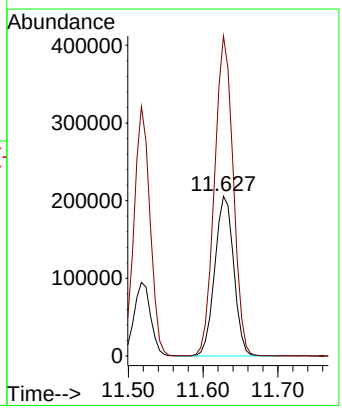
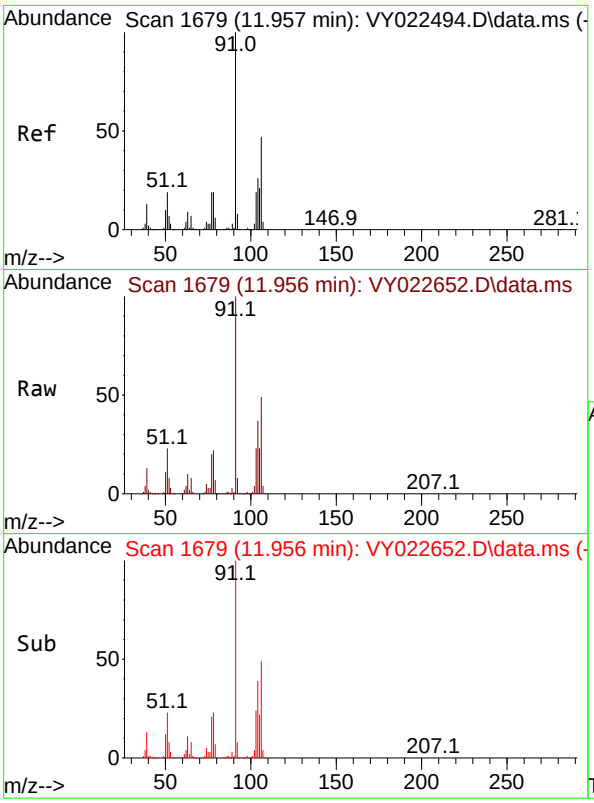


#68
m/p-Xylenes
Concen: 102.714 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:106 Resp: 362462

Ion	Ratio	Lower	Upper
106	100		
91	198.2	159.4	239.0





#69
o-Xylene
Concen: 52.136 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:106 Resp: 17249

Ion	Ratio	Lower	Upper
106	100		
91	205.8	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
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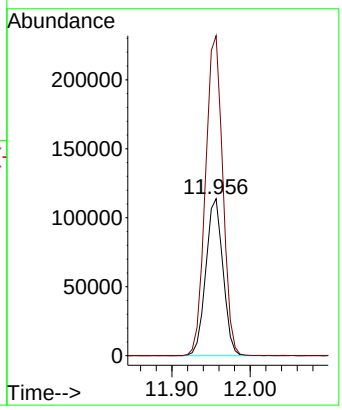
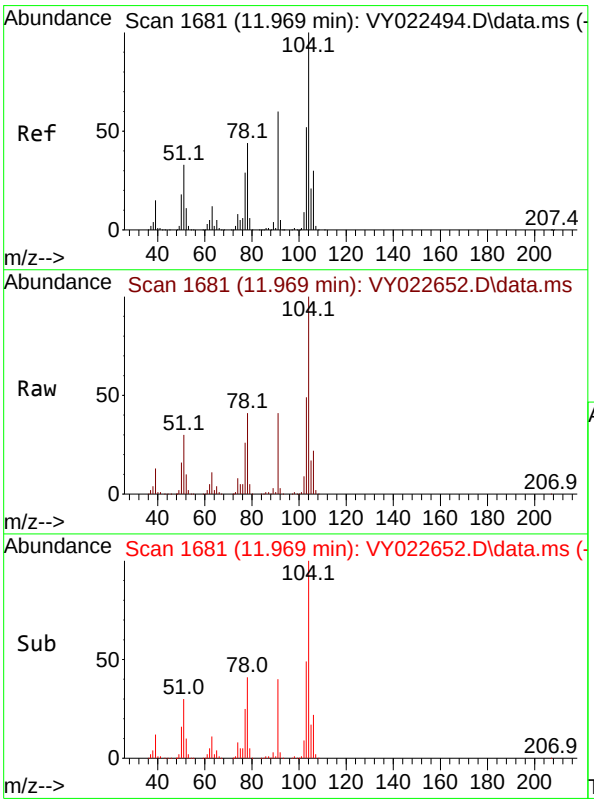
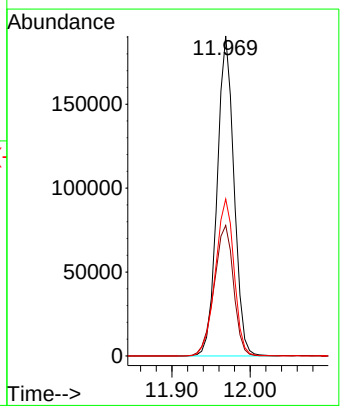


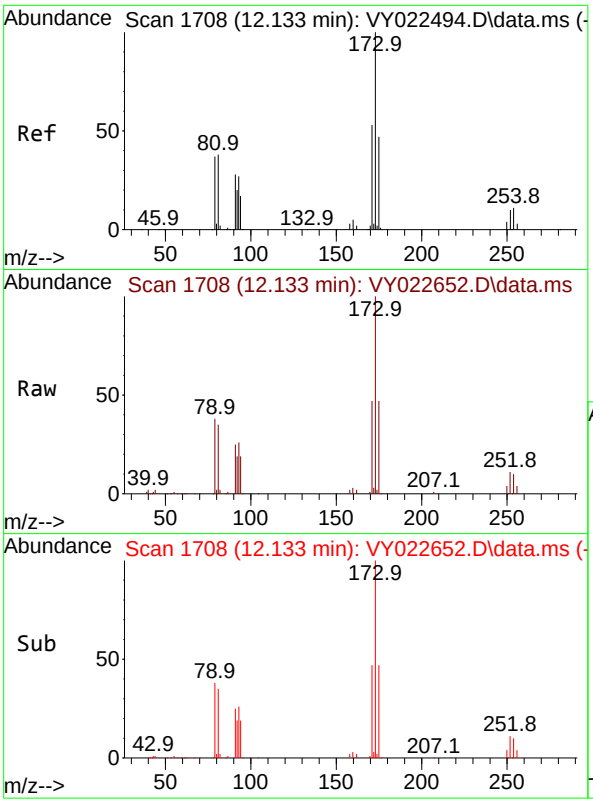


#70
Styrene
Concen: 52.154 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:104 Resp: 285228

Ion	Ratio	Lower	Upper
104	100		
78	47.0	39.5	59.3
103	54.6	44.1	66.1

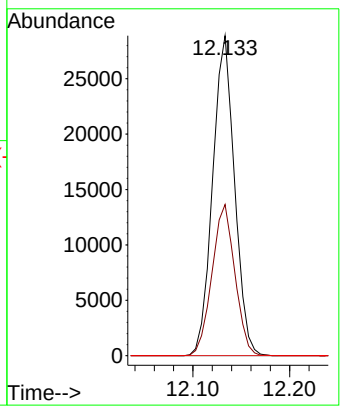




#71
Bromoform
Concen: 50.392 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:173 Resp: 4533

Ion	Ratio	Lower	Upper
173	100		
175	49.4	23.8	71.5
254	0.0	0.0	0.0



Instrument :
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ClientSampleId :
VSTDCCC050

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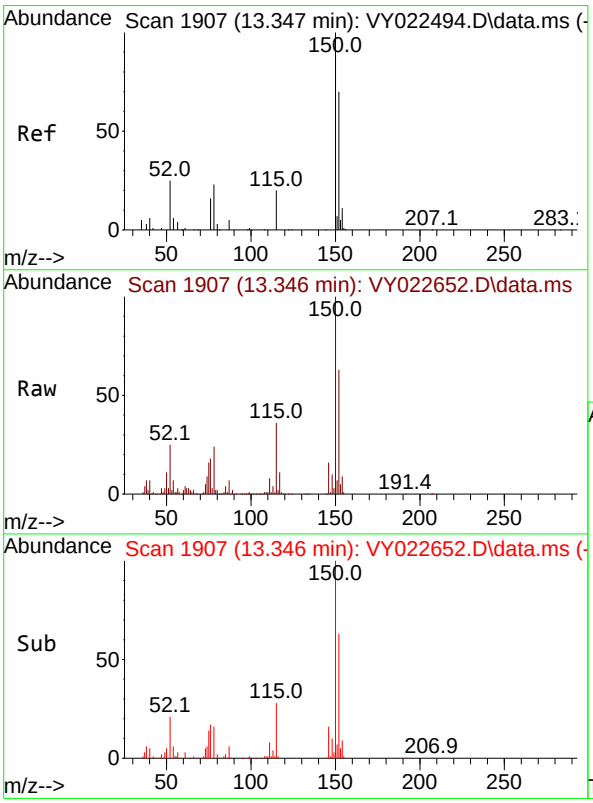
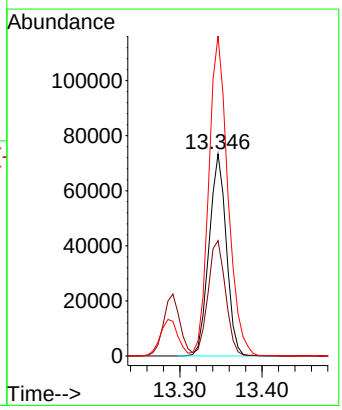
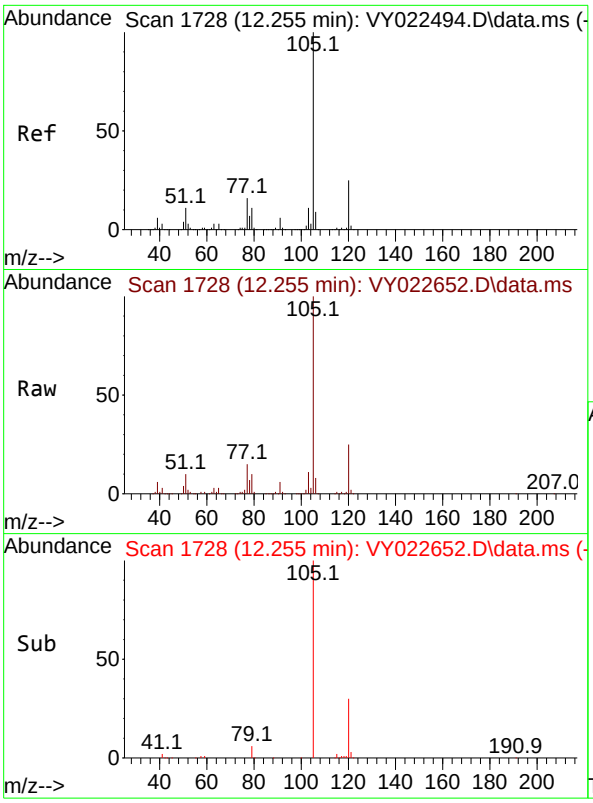


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:152 Resp: 106876

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.9	86.7
150	176.1	0.0	349.6

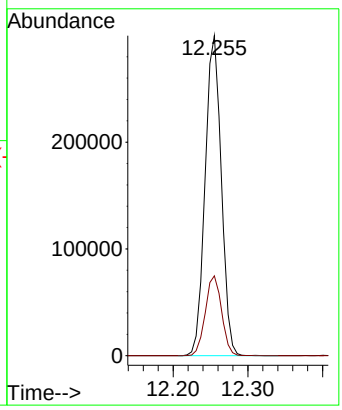




#73
Isopropylbenzene
Concen: 51.212 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:105 Resp: 44936

Ion	Ratio	Lower	Upper
105	100		
120	25.2	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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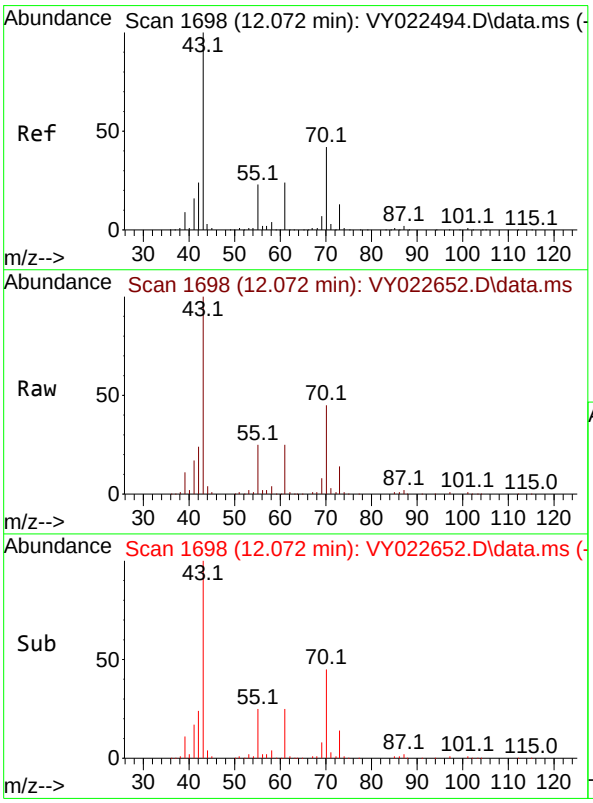
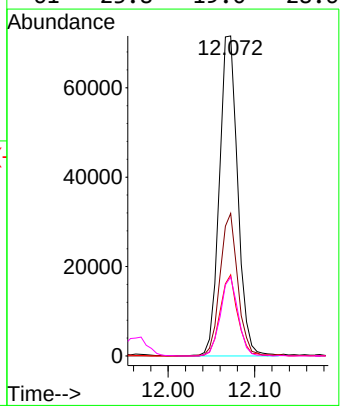
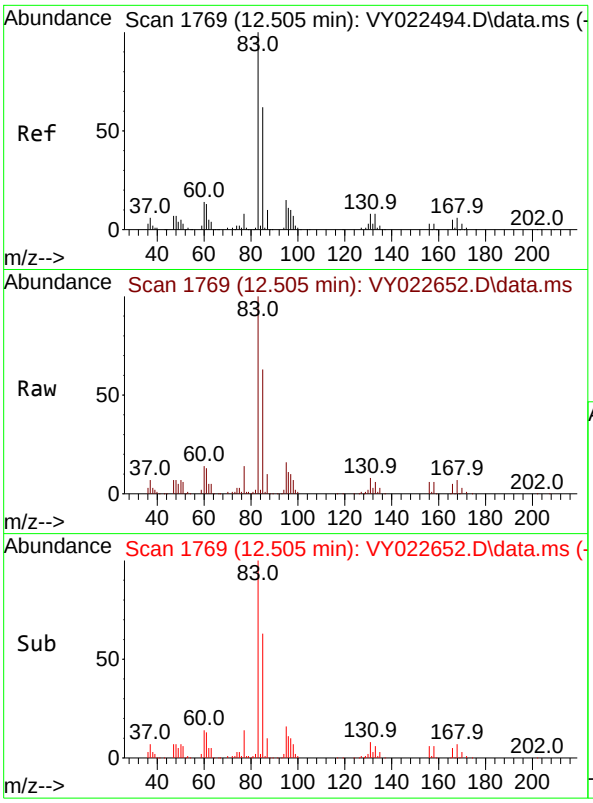


#74
N-amyl acetate
Concen: 47.644 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 105483

Ion	Ratio	Lower	Upper
43	100		
70	42.9	34.2	51.2
55	24.5	18.2	27.4
61	23.8	19.0	28.6

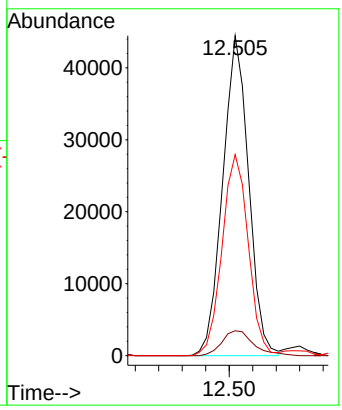




#75
1,1,2,2-Tetrachloroethane
Concen: 47.263 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 83 Resp: 6806

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	63.6	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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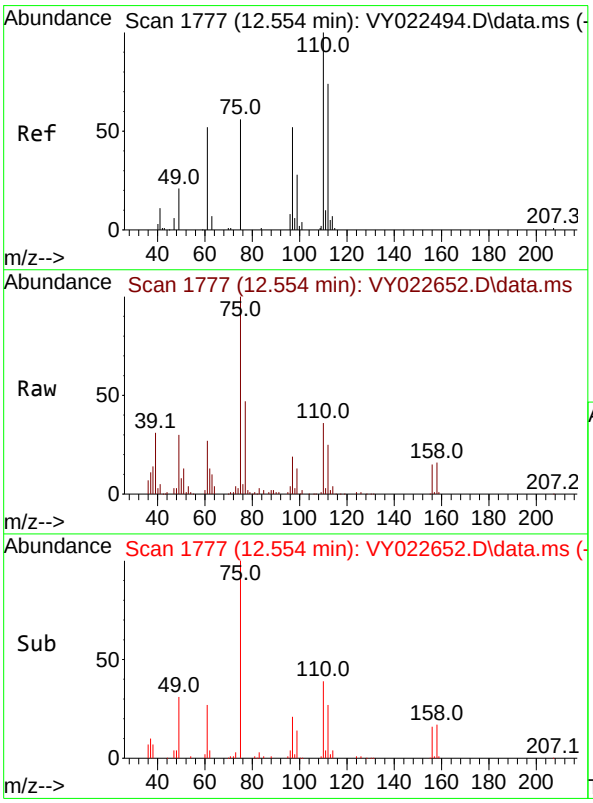
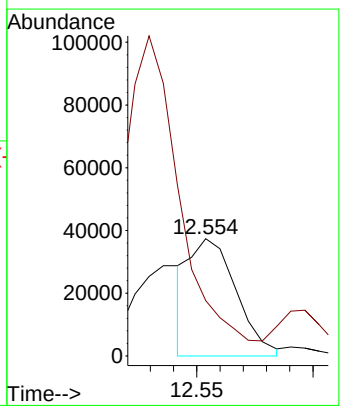
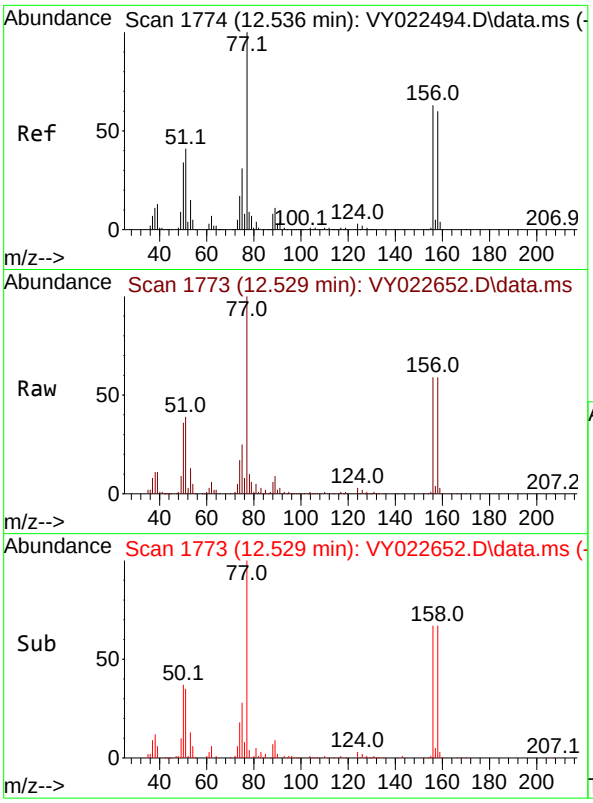


#76
1,2,3-Trichloropropane
Concen: 42.921 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 52480

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

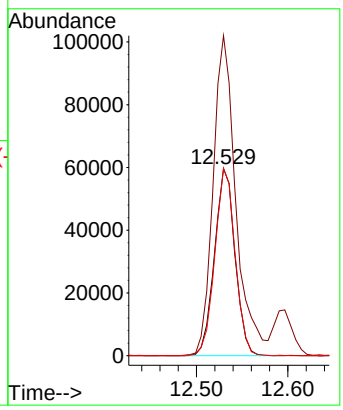




#77
Bromobenzene
Concen: 50.220 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:156 Resp: 9299

Ion	Ratio	Lower	Upper
156	100		
77	190.3	94.0	282.1
158	98.9	48.2	144.6



Instrument :
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ClientSampleId :
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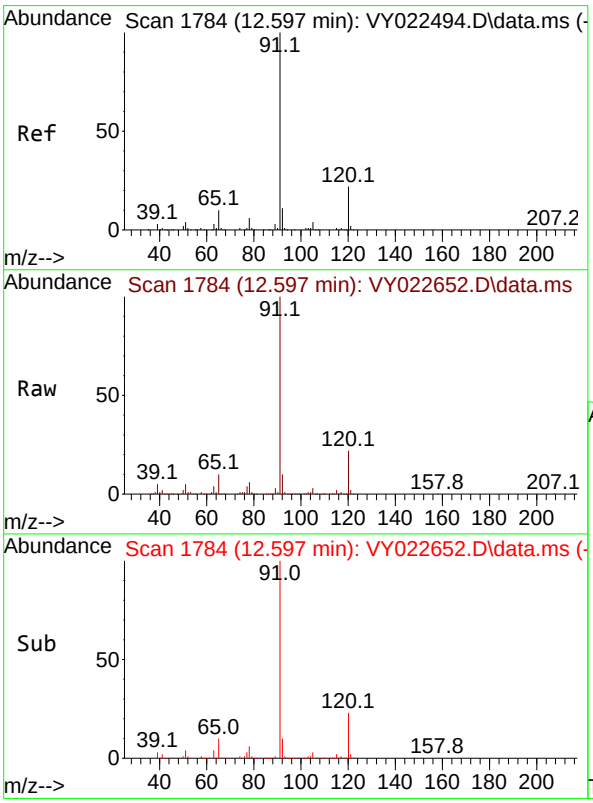
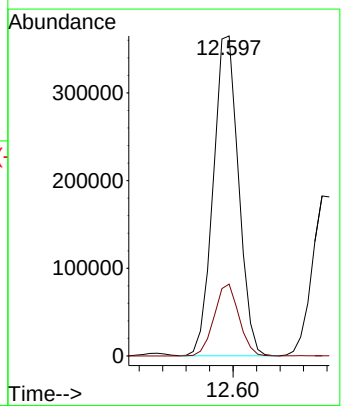
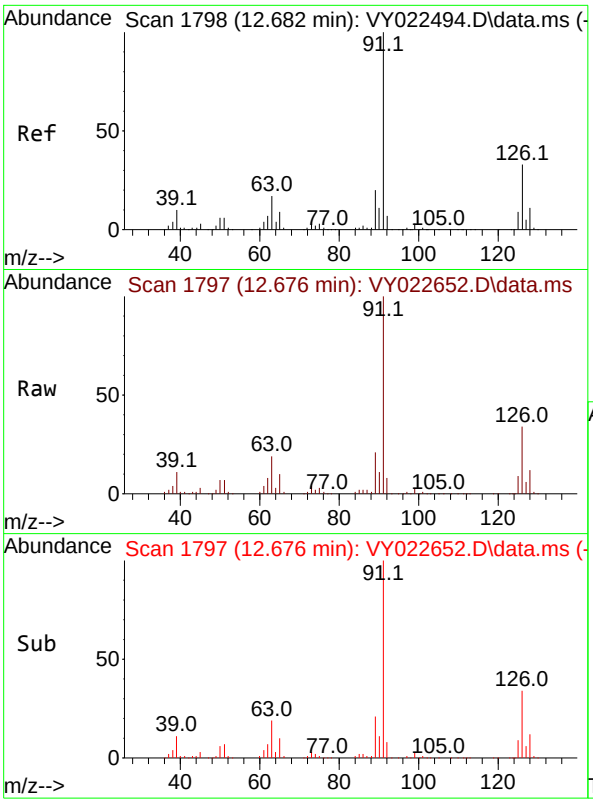


#78
n-propylbenzene
Concen: 50.847 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 91 Resp: 544933

Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.8	32.4

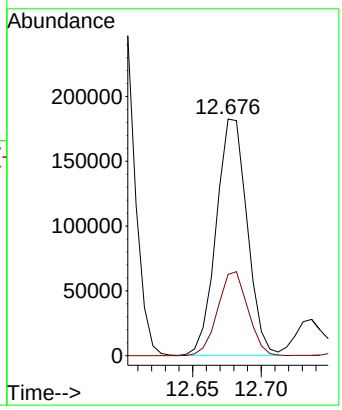




#79
2-Chlorotoluene
Concen: 50.518 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 91 Resp: 28694

Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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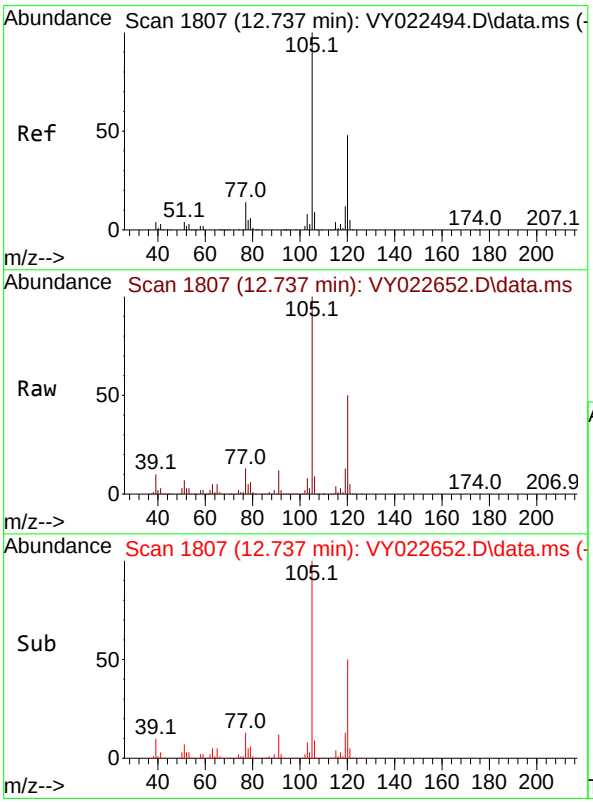
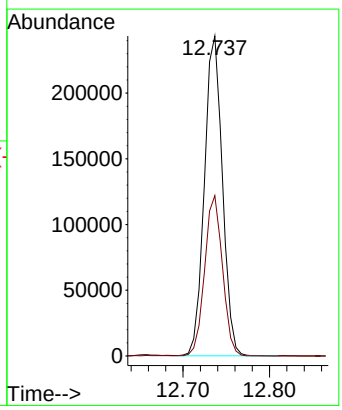
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

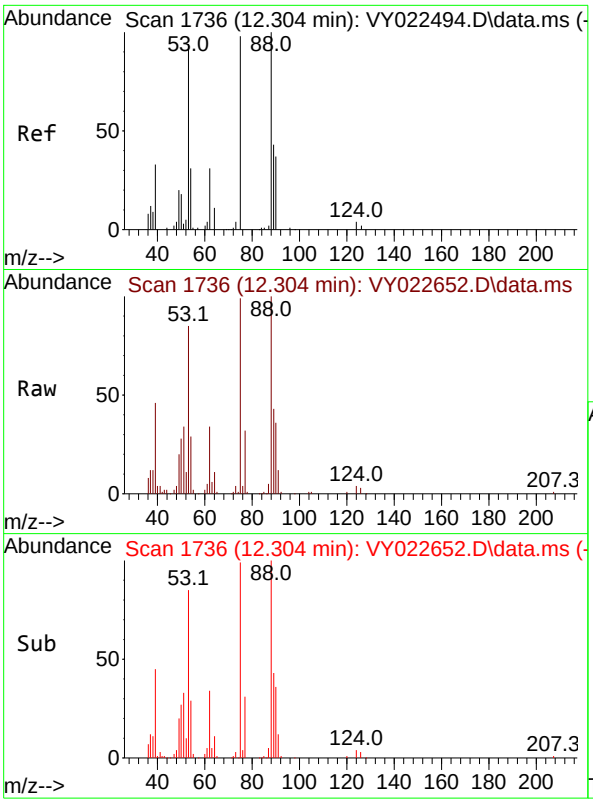


#80
1,3,5-Trimethylbenzene
Concen: 51.032 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:105 Resp: 351549

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.1	72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 48.473 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 2454

Ion	Ratio	Lower	Upper
75	100		
53	92.7	78.5	117.7
89	45.9	35.7	53.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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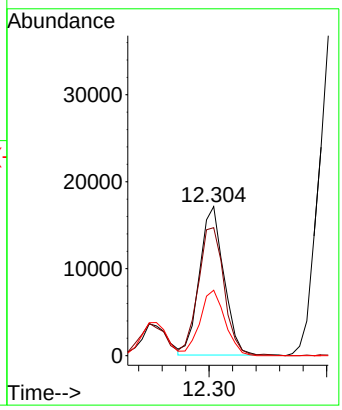
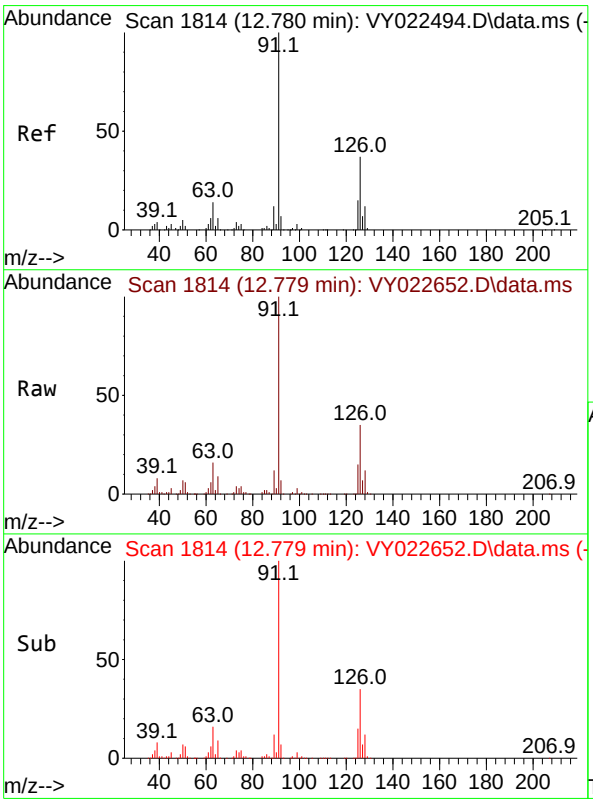
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

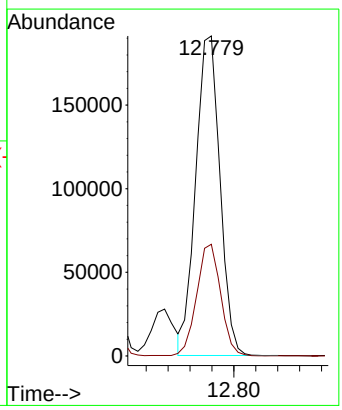


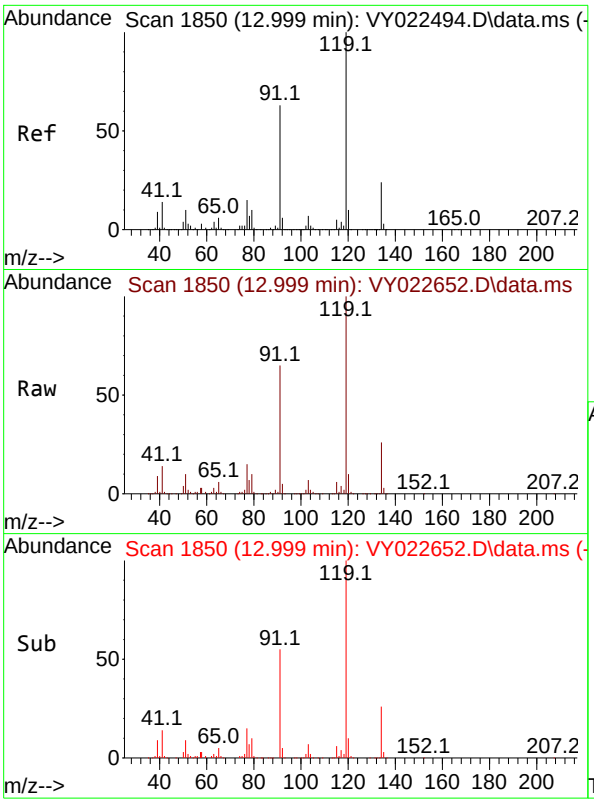


#82
4-Chlorotoluene
Concen: 50.043 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 91 Resp: 293231

Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.0	50.9

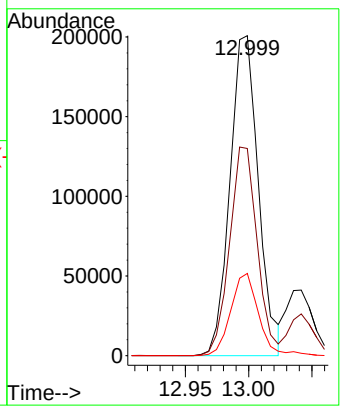




#83
tert-Butylbenzene
Concen: 50.858 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:119 Resp: 31444

Ion	Ratio	Lower	Upper
119	100		
91	63.3	32.1	96.3
134	25.3	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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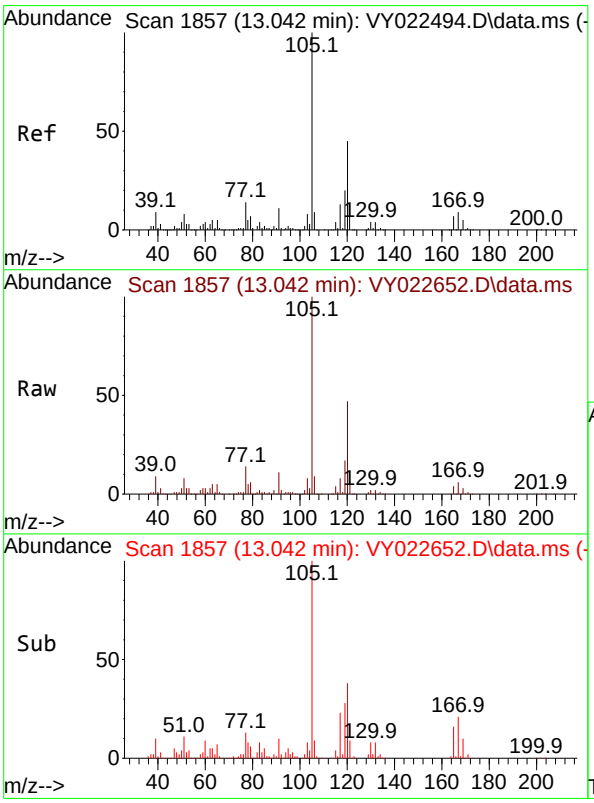
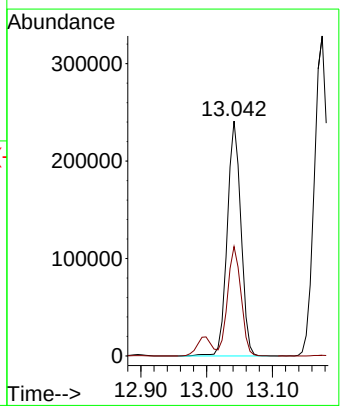
Supervised By :Semsettin Yesilyurt 06/12/2025

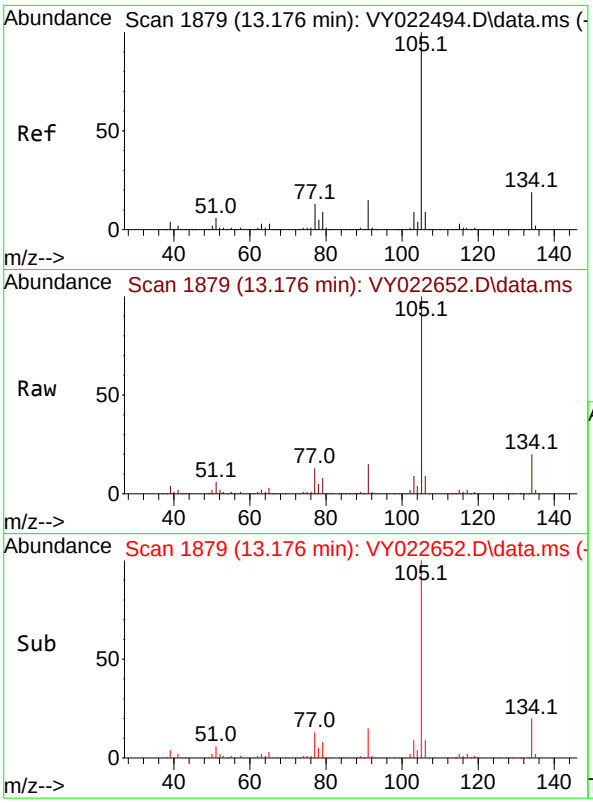


#84
1,2,4-Trimethylbenzene
Concen: 50.520 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:105 Resp: 348078

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.7	68.1

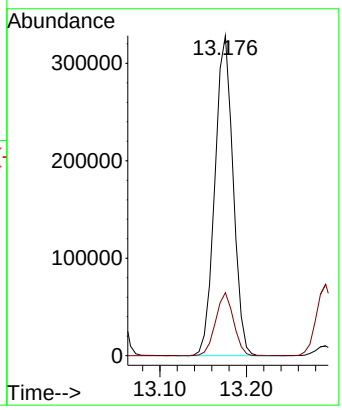




#85
sec-Butylbenzene
Concen: 50.596 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:105 Resp: 47910

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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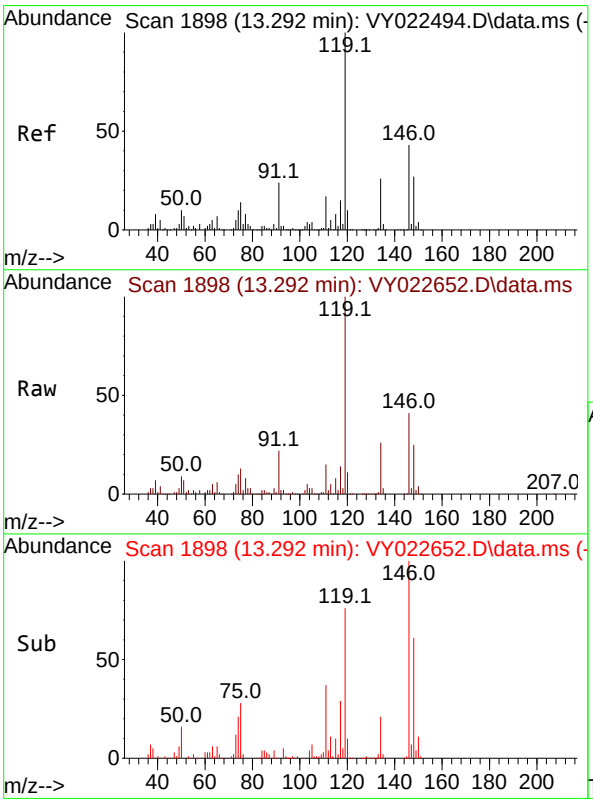
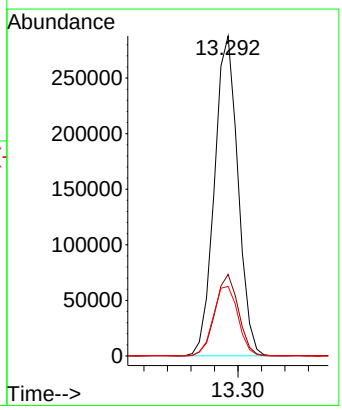
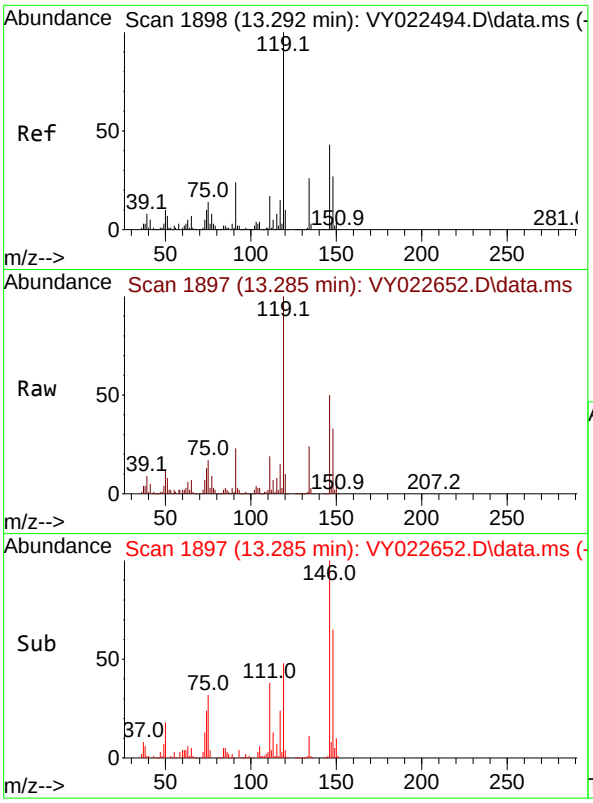


#86
p-Isopropyltoluene
Concen: 51.264 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:119 Resp: 400127

Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.1	39.1
91	22.9	11.6	34.8

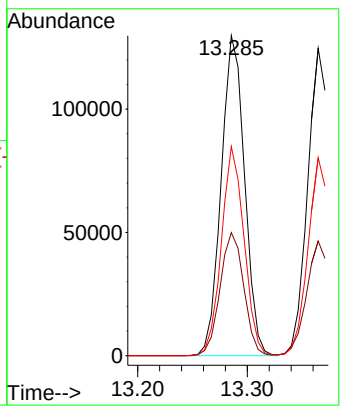




#87
1,3-Dichlorobenzene
Concen: 51.355 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:146 Resp: 19266

Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	63.3	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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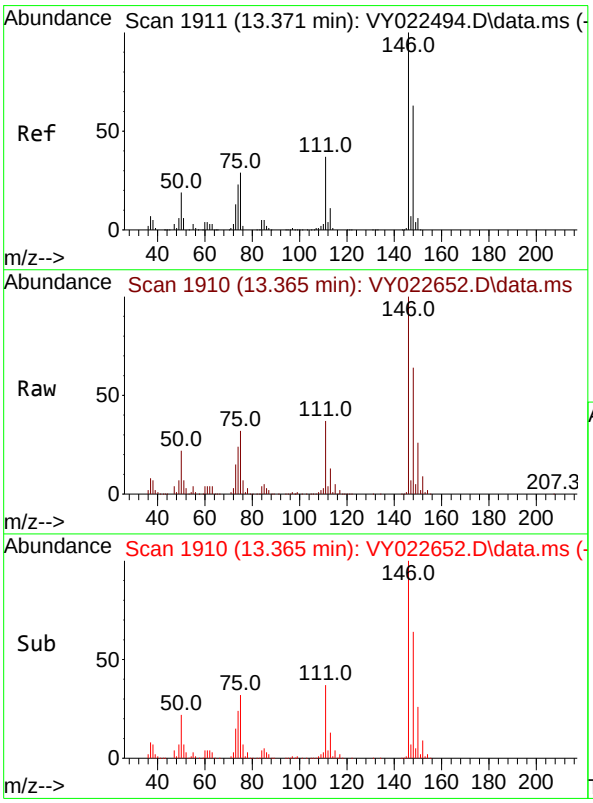
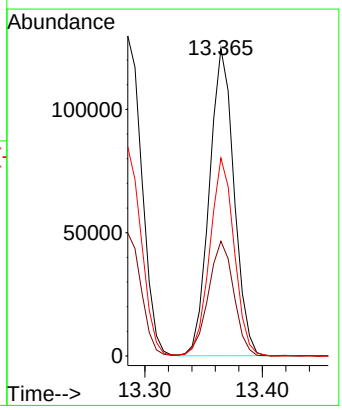
Supervised By :Semsettin Yesilyurt 06/12/2025

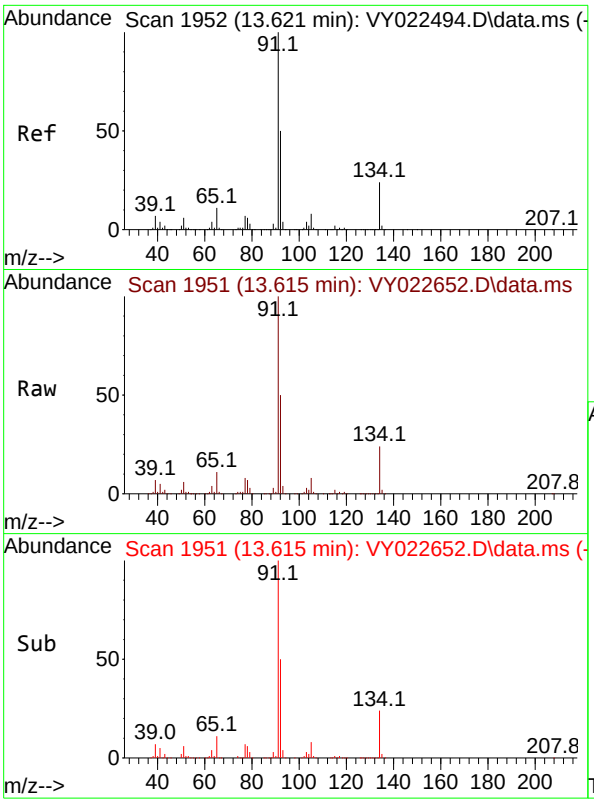


#88
1,4-Dichlorobenzene
Concen: 49.953 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:146 Resp: 181764

Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	63.7	31.6	94.8

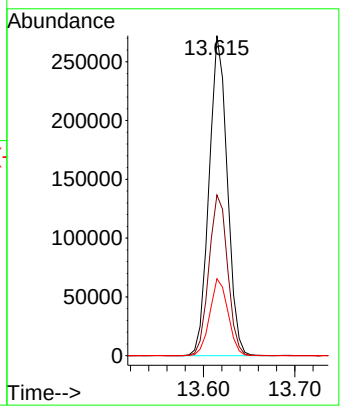




#89
n-Butylbenzene
Concen: 50.734 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 91 Resp: 37570

Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.9	77.8
134	24.1	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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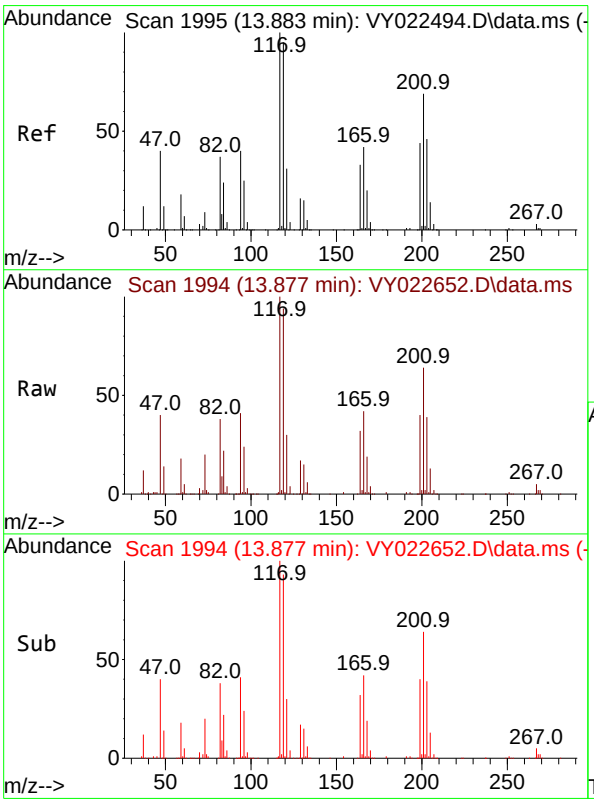
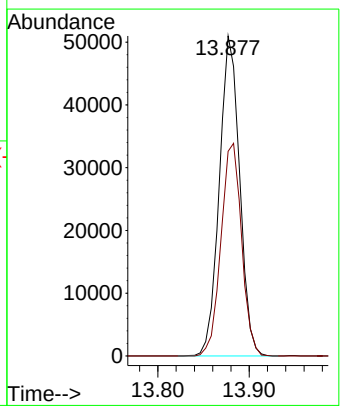
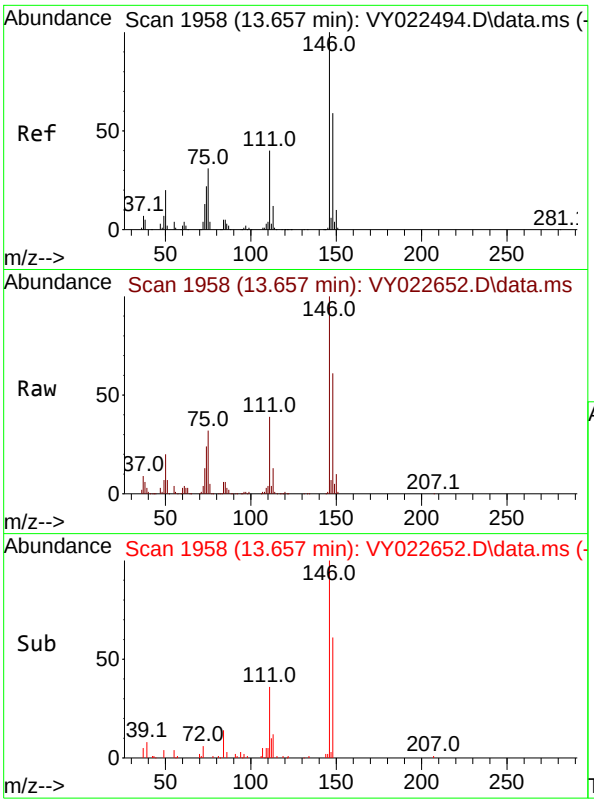


#90
Hexachloroethane
Concen: 51.856 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:117 Resp: 78797

Ion	Ratio	Lower	Upper
117	100		
201	67.5	34.0	102.0

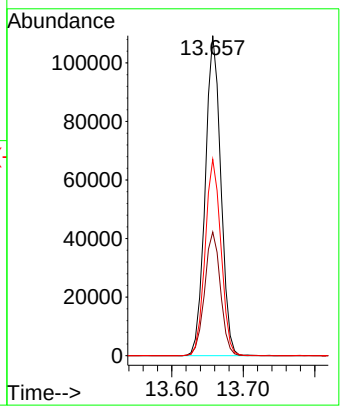




#91
1,2-Dichlorobenzene
Concen: 51.900 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:146 Resp: 16531

Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.2	60.6
148	62.2	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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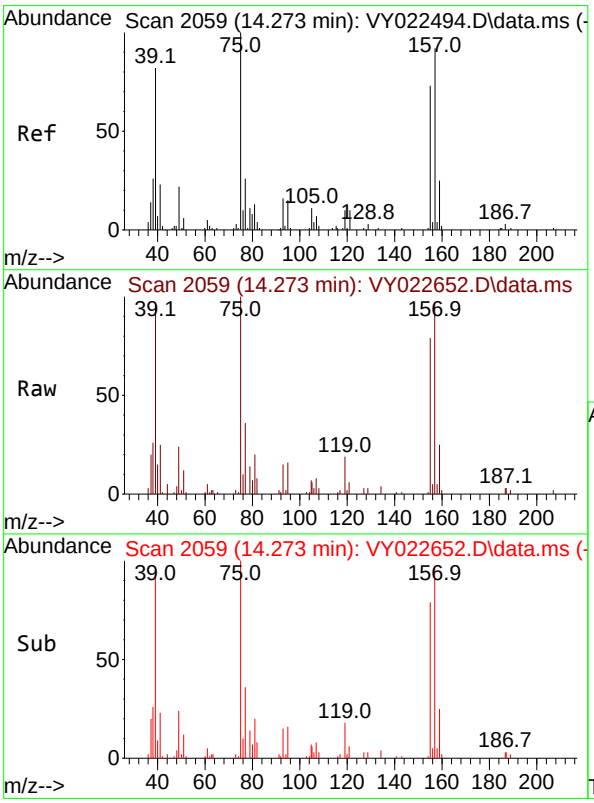
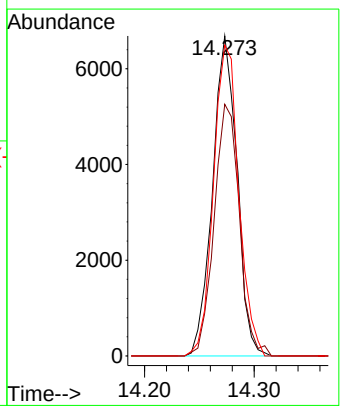
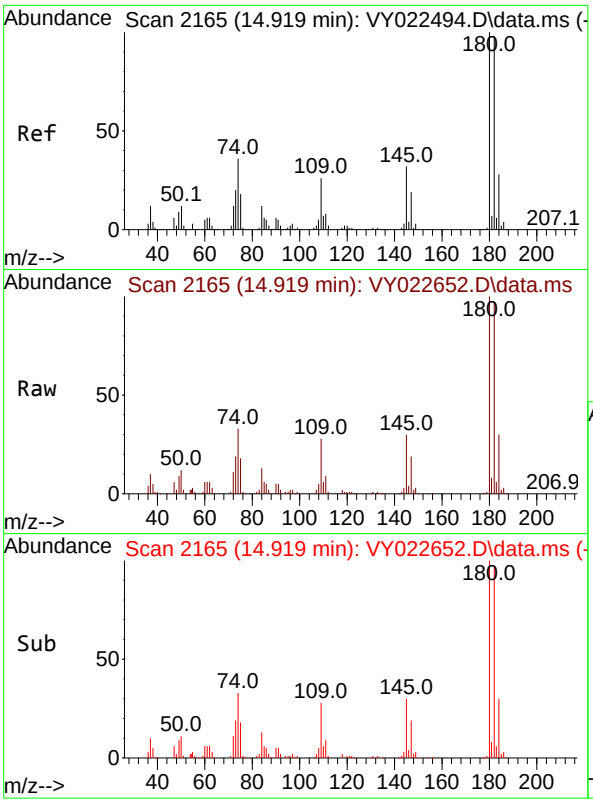


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.472 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 10373

Ion	Ratio	Lower	Upper
75	100		
155	81.0	39.9	119.6
157	100.5	54.0	162.0

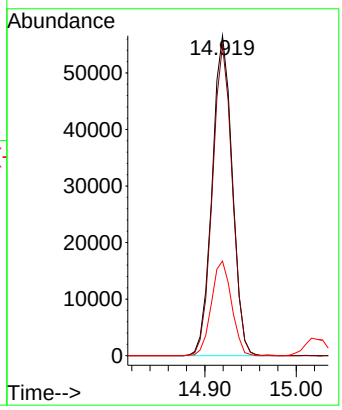




#93
1,2,4-Trichlorobenzene
Concen: 49.755 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:180 Resp: 8643

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.3
145	29.7	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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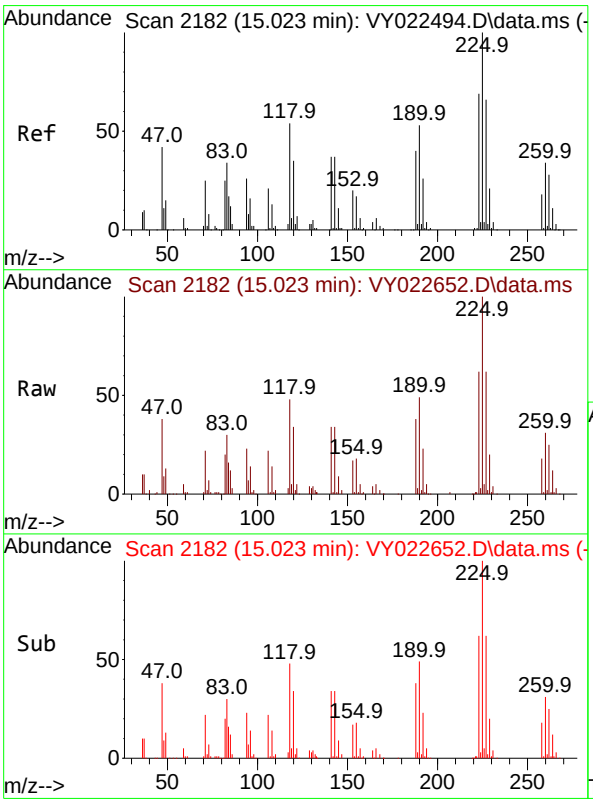
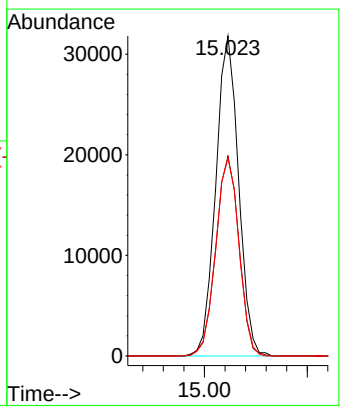
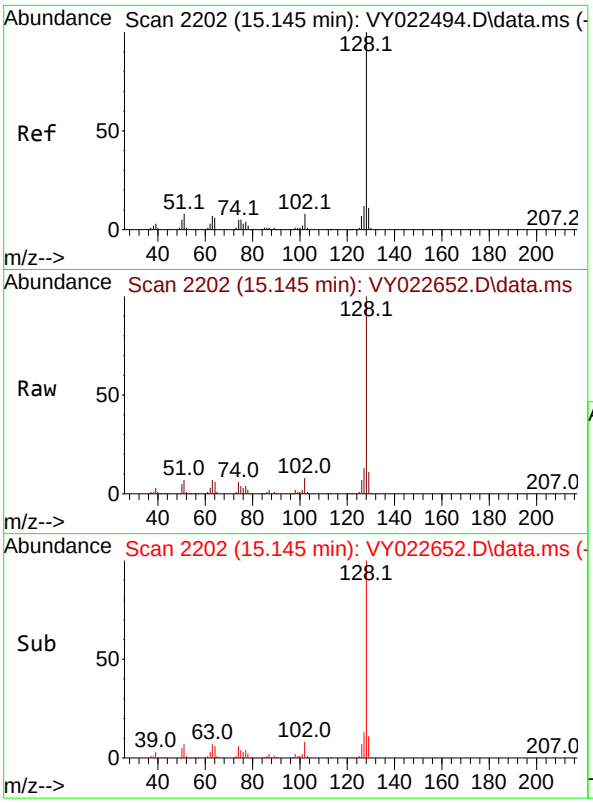


#94
Hexachlorobutadiene
Concen: 50.999 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:225 Resp: 48899

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.5	97.4
227	63.1	32.3	96.9

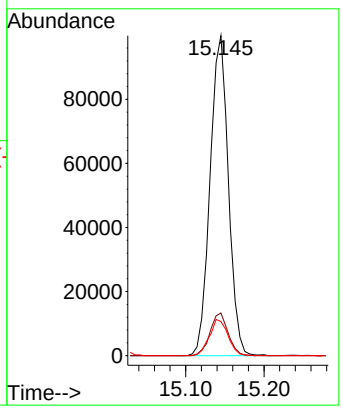




#95
Naphthalene
Concen: 48.688 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:128 Resp: 16231

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.4	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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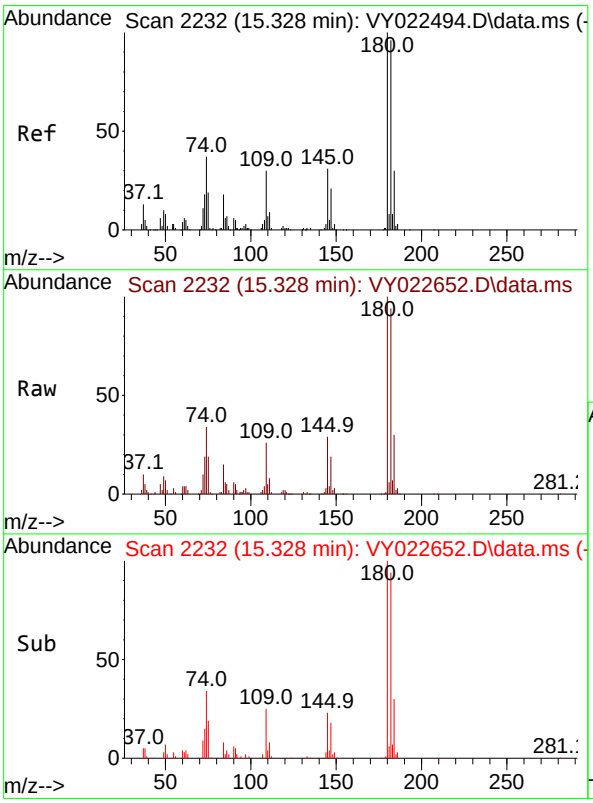
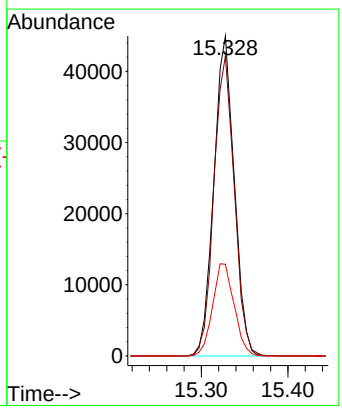


#96
1,2,3-Trichlorobenzene
Concen: 49.319 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:180 Resp: 73426

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.1	141.3
145	30.5	15.2	45.6



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Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	75	0.00
2	T	Dichlorodifluoromethane	0.448	0.400	10.7	73	0.00
3	P	Chloromethane	1.322	1.372	-3.8	84	0.00
4	C	Vinyl Chloride	1.534	1.715	-11.8#	86	0.00
5	T	Bromomethane	1.470	1.318	10.3	80	0.00
6	T	Chloroethane	1.053	1.122	-6.6	87	0.00
7	T	Trichlorofluoromethane	1.302	1.417	-8.8	87	0.00
8	T	Diethyl Ether	0.293	0.285	2.7	74	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.549	0.546	0.5	76	0.00
10	T	Methyl Iodide	0.594	0.598	-0.7	70	0.00
11	T	Tert butyl alcohol	0.040	0.037	7.5	71	-0.01
12	CM	1,1-Dichloroethene	0.524	0.510	2.7#	74	-0.01
13	T	Acrolein	0.050	0.023	54.0#	36#	0.00
14	T	Allyl chloride	0.823	0.769	6.6	72	-0.01
15	T	Acrylonitrile	0.124	0.123	0.8	73	0.00
16	T	Acetone	0.114	0.097	14.9	63	0.00
17	T	Carbon Disulfide	1.679	1.592	5.2	72	0.00
18	T	Methyl Acetate	0.336	0.340	-1.2	77	0.00
19	T	Methyl tert-butyl Ether	1.477	1.440	2.5	74	-0.02
20	T	Methylene Chloride	0.645	0.603	6.5	79	0.00
21	T	trans-1,2-Dichloroethene	0.587	0.581	1.0	76	-0.02
22	T	Diisopropyl ether	1.832	1.801	1.7	74	0.00
23	T	Vinyl Acetate	1.084	1.033	4.7	72	0.00
24	P	1,1-Dichloroethane	1.079	1.099	-1.9	78	0.00
25	T	2-Butanone	0.164	0.155	5.5	69	0.00
26	T	2,2-Dichloropropane	0.954	0.951	0.3	75	0.00
27	T	cis-1,2-Dichloroethene	0.678	0.683	-0.7	75	0.00
28	T	Bromochloromethane	0.471	0.482	-2.3	80	0.00
29	T	Tetrahydrofuran	0.106	0.101	4.7	72	0.00
30	C	Chloroform	1.069	1.111	-3.9#	79	0.00
31	T	Cyclohexane	1.075	0.947	11.9	70	0.00
32	T	1,1,1-Trichloroethane	0.949	0.973	-2.5	77	0.00
33	S	1,2-Dichloroethane-d4	0.559	0.596	-6.6	76	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35	S	Dibromofluoromethane	0.298	0.327	-9.7	77	0.00
36	T	1,1-Dichloropropene	0.484	0.483	0.2	75	0.00
37	T	Ethyl Acetate	0.216	0.210	2.8	69	-0.01
38	T	Carbon Tetrachloride	0.497	0.510	-2.6	76	0.00
39	T	Methylcyclohexane	0.651	0.620	4.8	71	0.00
40	TM	Benzene	1.431	1.466	-2.4	77	0.00
41	T	Methacrylonitrile	0.126	0.121	4.0	73	0.00
42	TM	1,2-Dichloroethane	0.391	0.400	-2.3	78	0.00
43	T	Isopropyl Acetate	0.467	0.445	4.7	70	0.00
44	TM	Trichloroethene	0.350	0.369	-5.4	79	0.00
45	C	1,2-Dichloropropane	0.338	0.348	-3.0#	77	0.00
46	T	Dibromomethane	0.190	0.199	-4.7	78	0.00
47	T	Bromodichloromethane	0.482	0.509	-5.6	78	0.00
48	T	Methyl methacrylate	0.219	0.206	5.9	70	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	74	0.00
50	S	Toluene-d8	1.206	1.324	-9.8	78	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.231	0.9	72	0.00
52	CM	Toluene	0.899	0.932	-3.7#	78	0.00
53	T	t-1,3-Dichloropropene	0.452	0.468	-3.5	77	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.538	-2.3	76	0.00
55	T	1,1,2-Trichloroethane	0.243	0.246	-1.2	77	0.00
56	T	Ethyl methacrylate	0.351	0.349	0.6	73	0.00
57	T	1,3-Dichloropropane	0.430	0.438	-1.9	76	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.175	-10.1	83	0.00
59	T	2-Hexanone	0.156	0.151	3.2	71	0.00
60	T	Dibromochloromethane	0.308	0.320	-3.9	77	0.00
61	T	1,2-Dibromoethane	0.221	0.228	-3.2	77	0.00
62	S	4-Bromofluorobenzene	0.359	0.388	-8.1	79	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
64	T	Tetrachloroethene	0.430	0.499	-16.0	87	0.00
65	PM	Chlorobenzene	1.106	1.154	-4.3	79	0.00
66	T	1,1,1,2-Tetrachloroethane	0.373	0.389	-4.3	78	0.00
67	C	Ethyl Benzene	2.052	2.116	-3.1#	77	0.00
68	T	m/p-Xylenes	0.778	0.799	-2.7	77	0.00
69	T	o-Xylene	0.729	0.761	-4.4	79	0.00
70	T	Styrene	1.206	1.258	-4.3	78	0.00
71	P	Bromoform	0.198	0.200	-1.0	76	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73	T	Isopropylbenzene	4.105	4.204	-2.4	78	0.00
74	T	N-amyl acetate	1.036	0.987	4.7	70	0.00
75	P	1,1,2,2-Tetrachloroethane	0.674	0.637	5.5	71	0.00
76	T	1,2,3-Trichloropropane	0.572	0.491	14.2	60	0.00
77	T	Bromobenzene	0.866	0.870	-0.5	77	0.00
78	T	n-propylbenzene	5.014	5.099	-1.7	77	0.00
79	T	2-Chlorotoluene	2.657	2.685	-1.1	77	0.00
80	T	1,3,5-Trimethylbenzene	3.223	3.289	-2.0	77	0.00
81	T	trans-1,4-Dichloro-2-butene	0.237	0.230	3.0	75	0.00
82	T	4-Chlorotoluene	2.741	2.744	-0.1	76	0.00
83	T	tert-Butylbenzene	2.893	2.942	-1.7	78	0.00
84	T	1,2,4-Trimethylbenzene	3.223	3.257	-1.1	77	0.00
85	T	sec-Butylbenzene	4.430	4.483	-1.2	77	0.00
86	T	p-Isopropyltoluene	3.652	3.744	-2.5	78	0.00
87	T	1,3-Dichlorobenzene	1.755	1.803	-2.7	80	0.00
88	T	1,4-Dichlorobenzene	1.702	1.701	0.1	77	0.00
89	T	n-Butylbenzene	3.464	3.515	-1.5	76	0.00
90	T	Hexachloroethane	0.711	0.737	-3.7	79	0.00
91	T	1,2-Dichlorobenzene	1.490	1.547	-3.8	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.098	0.097	1.0	71	0.00
93	T	1,2,4-Trichlorobenzene	0.813	0.809	0.5	76	0.00
94	T	Hexachlorobutadiene	0.449	0.458	-2.0	78	0.00
95	T	Naphthalene	1.560	1.519	2.6	72	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.687	1.4	75	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	75	0.00
2	T	Dichlorodifluoromethane	50.000	44.633	10.7	73	0.00
3	P	Chloromethane	50.000	51.880	-3.8	84	0.00
4	C	Vinyl Chloride	50.000	55.897	-11.8#	86	0.00
5	T	Bromomethane	50.000	44.819	10.4	80	0.00
6	T	Chloroethane	50.000	53.279	-6.6	87	0.00
7	T	Trichlorofluoromethane	50.000	54.391	-8.8	87	0.00
8	T	Diethyl Ether	50.000	48.566	2.9	74	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.746	0.5	76	0.00
10	T	Methyl Iodide	50.000	50.351	-0.7	70	0.00
11	T	Tert butyl alcohol	250.000	232.995	6.8	71	-0.01
12	CM	1,1-Dichloroethene	50.000	48.677	2.6#	74	-0.01
13	T	Acrolein	250.000	115.103	54.0#	36	0.00
14	T	Allyl chloride	50.000	46.712	6.6	72	-0.01
15	T	Acrylonitrile	250.000	247.609	1.0	73	0.00
16	T	Acetone	250.000	212.487	15.0	63	0.00
17	T	Carbon Disulfide	50.000	47.420	5.2	72	0.00
18	T	Methyl Acetate	50.000	50.535	-1.1	77	0.00
19	T	Methyl tert-butyl Ether	50.000	48.760	2.5	74	-0.02
20	T	Methylene Chloride	50.000	46.721	6.6	79	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.515	1.0	76	-0.02
22	T	Diisopropyl ether	50.000	49.152	1.7	74	0.00
23	T	Vinyl Acetate	250.000	238.054	4.8	72	0.00
24	P	1,1-Dichloroethane	50.000	50.908	-1.8	78	0.00
25	T	2-Butanone	250.000	236.409	5.4	69	0.00
26	T	2,2-Dichloropropane	50.000	49.833	0.3	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.321	-0.6	75	0.00
28	T	Bromochloromethane	50.000	51.267	-2.5	80	0.00
29	T	Tetrahydrofuran	250.000	238.466	4.6	72	0.00
30	C	Chloroform	50.000	51.947	-3.9#	79	0.00
31	T	Cyclohexane	50.000	44.059	11.9	70	0.00
32	T	1,1,1-Trichloroethane	50.000	51.247	-2.5	77	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.295	-6.6	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35	S	Dibromofluoromethane	50.000	54.732	-9.5	77	0.00
36	T	1,1-Dichloropropene	50.000	49.883	0.2	75	0.00
37	T	Ethyl Acetate	50.000	48.679	2.6	69	-0.01
38	T	Carbon Tetrachloride	50.000	51.363	-2.7	76	0.00
39	T	Methylcyclohexane	50.000	47.635	4.7	71	0.00
40	TM	Benzene	50.000	51.219	-2.4	77	0.00
41	T	Methacrylonitrile	50.000	47.810	4.4	73	0.00
42	TM	1,2-Dichloroethane	50.000	51.210	-2.4	78	0.00
43	T	Isopropyl Acetate	50.000	47.665	4.7	70	0.00
44	TM	Trichloroethene	50.000	52.755	-5.5	79	0.00
45	C	1,2-Dichloropropane	50.000	51.503	-3.0#	77	0.00
46	T	Dibromomethane	50.000	52.423	-4.8	78	0.00
47	T	Bromodichloromethane	50.000	52.817	-5.6	78	0.00
48	T	Methyl methacrylate	50.000	47.036	5.9	70	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	951.195	4.9	74	0.00
50	S	Toluene-d8	50.000	54.889	-9.8	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.232	0.7	72	0.00
52	CM	Toluene	50.000	51.844	-3.7#	78	0.00
53	T	t-1,3-Dichloropropene	50.000	51.731	-3.5	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.121	-2.2	76	0.00
55	T	1,1,2-Trichloroethane	50.000	50.652	-1.3	77	0.00
56	T	Ethyl methacrylate	50.000	49.753	0.5	73	0.00
57	T	1,3-Dichloropropane	50.000	50.976	-2.0	76	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	274.143	-9.7	83	0.00
59	T	2-Hexanone	250.000	242.841	2.9	71	0.00
60	T	Dibromochloromethane	50.000	51.909	-3.8	77	0.00
61	T	1,2-Dibromoethane	50.000	51.536	-3.1	77	0.00
62	S	4-Bromofluorobenzene	50.000	53.948	-7.9	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64	T	Tetrachloroethene	50.000	57.985	-16.0	87	0.00
65	PM	Chlorobenzene	50.000	52.170	-4.3	79	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.156	-4.3	78	0.00
67	C	Ethyl Benzene	50.000	51.549	-3.1#	77	0.00
68	T	m/p-Xylenes	100.000	102.714	-2.7	77	0.00
69	T	o-Xylene	50.000	52.136	-4.3	79	0.00
70	T	Styrene	50.000	52.154	-4.3	78	0.00
71	P	Bromoform	50.000	50.392	-0.8	76	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	51.212	-2.4	78	0.00
74	T	N-amyl acetate	50.000	47.644	4.7	70	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.263	5.5	71	0.00
76	T	1,2,3-Trichloropropane	50.000	42.921	14.2	60	0.00
77	T	Bromobenzene	50.000	50.220	-0.4	77	0.00
78	T	n-propylbenzene	50.000	50.847	-1.7	77	0.00
79	T	2-Chlorotoluene	50.000	50.518	-1.0	77	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.032	-2.1	77	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.473	3.1	75	0.00
82	T	4-Chlorotoluene	50.000	50.043	-0.1	76	0.00
83	T	tert-Butylbenzene	50.000	50.858	-1.7	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.520	-1.0	77	0.00
85	T	sec-Butylbenzene	50.000	50.596	-1.2	77	0.00
86	T	p-Isopropyltoluene	50.000	51.264	-2.5	78	0.00
87	T	1,3-Dichlorobenzene	50.000	51.355	-2.7	80	0.00
88	T	1,4-Dichlorobenzene	50.000	49.953	0.1	77	0.00
89	T	n-Butylbenzene	50.000	50.734	-1.5	76	0.00
90	T	Hexachloroethane	50.000	51.856	-3.7	79	0.00
91	T	1,2-Dichlorobenzene	50.000	51.900	-3.8	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.472	1.1	71	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.755	0.5	76	0.00
94	T	Hexachlorobutadiene	50.000	50.999	-2.0	78	0.00
95	T	Naphthalene	50.000	48.688	2.6	72	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.319	1.4	75	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_Y Calibration Date/Time: 06/11/2025 15:07

Lab File ID: VY022664.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	1.322	1.072	0.1	-18.91	50
Vinyl Chloride	1.534	1.698		10.69	50
Bromomethane	1.470	1.259		-14.35	50
Chloroethane	1.053	1.192		13.2	50
Trichlorofluoromethane	1.302	1.495		14.82	50
1,1,2-Trichlorotrifluoroethane	0.549	0.521		-5.1	50
1,1-Dichloroethene	0.524	0.523		-0.19	50
Acetone	0.114	0.101		-11.4	50
Carbon Disulfide	1.679	1.519		-9.53	50
Methyl tert-butyl Ether	1.477	1.369		-7.31	50
Methylene Chloride	0.645	0.580		-10.08	50
trans-1,2-Dichloroethene	0.587	0.570		-2.9	50
1,1-Dichloroethane	1.079	1.064	0.1	-1.39	50
2-Butanone	0.164	0.143		-12.81	50
Carbon Tetrachloride	0.497	0.501		0.81	50
cis-1,2-Dichloroethene	0.678	0.684		0.88	50
Chloroform	1.069	1.074		0.47	50
1,1,1-Trichloroethane	0.949	0.953		0.42	50
Methylcyclohexane	0.651	0.611		-6.14	50
Benzene	1.431	1.469		2.65	50
1,2-Dichloroethane	0.391	0.360		-7.93	50
Trichloroethene	0.350	0.382		9.14	50
1,2-Dichloropropane	0.338	0.339		0.3	50
Bromodichloromethane	0.482	0.475		-1.45	50
4-Methyl-2-Pentanone	0.233	0.208		-10.73	50
Toluene	0.899	0.917		2	50
t-1,3-Dichloropropene	0.452	0.431		-4.65	50
cis-1,3-Dichloropropene	0.526	0.522		-0.76	50
1,1,2-Trichloroethane	0.243	0.231		-4.94	50
2-Hexanone	0.156	0.140		-10.26	50
Dibromochloromethane	0.308	0.297		-3.57	50
Tetrachloroethene	0.430	0.550		27.91	50
Chlorobenzene	1.106	1.150	0.3	3.98	50
Ethyl Benzene	2.052	2.110		2.83	50
m/p-Xylenes	0.778	0.813		4.5	50
o-Xylene	0.729	0.772		5.9	50
Styrene	1.206	1.264		4.81	50
Bromoform	0.198	0.192	0.1	-3.03	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2251 SAS No.: Q2251 SDG No.: Q2251

Instrument ID: MSVOA_Y Calibration Date/Time: 06/11/2025 15:07

Lab File ID: VY022664.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	4.105	4.122		0.41	50
1,1,2,2-Tetrachloroethane	0.674	0.518	0.3	-23.15	50
1,3-Dichlorobenzene	1.755	1.775		1.14	50
1,4-Dichlorobenzene	1.702	1.670		-1.88	50
1,2-Dichlorobenzene	1.490	1.477		-0.87	50
1,2-Dichloroethane-d4	0.559	0.505		-9.66	50
Dibromofluoromethane	0.298	0.296		-0.67	50
Toluene-d8	1.206	1.224		1.49	50
4-Bromofluorobenzene	0.359	0.360		0.28	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.707	168	174652	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	290386	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.414	117	245247	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	118360	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.061	65	88159	45.131 ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.260%		
35) Dibromofluoromethane	7.634	113	85825	49.517 ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.040%		
50) Toluene-d8	10.103	98	355393	50.745 ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.500%		
62) 4-Bromofluorobenzene	12.402	95	104426	50.044 ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.080%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.861	85	67134	42.934 ug/l	97
3) Chloromethane	2.062	50	187281	40.542 ug/l	100
4) Vinyl Chloride	2.196	62	296607	55.348 ug/l	99
5) Bromomethane	2.586	94	219808	42.795 ug/l	95
6) Chloroethane	2.726	64	208143	56.588 ug/l	94
7) Trichlorofluoromethane	3.043	101	261037	57.379 ug/l	99
8) Diethyl Ether	3.452	74	45960	44.860 ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.806	101	90977	47.481 ug/l	98
10) Methyl Iodide	4.001	142	105757	51.004 ug/l	99
11) Tert butyl alcohol	4.854	59	31805	227.964 ug/l	98
12) 1,1-Dichloroethene	3.781	96	91369	49.887 ug/l	95
13) Acrolein	3.641	56	17121	98.468 ug/l	99
14) Allyl chloride	4.379	41	126821	44.108 ug/l	97
15) Acrylonitrile	5.055	53	95190	219.381 ug/l	100
16) Acetone	3.860	43	88582	223.295 ug/l	96
17) Carbon Disulfide	4.098	76	265351	45.254 ug/l	96
18) Methyl Acetate	4.379	43	53148	45.242 ug/l	96
19) Methyl tert-butyl Ether	5.110	73	239071	46.344 ug/l	99
20) Methylene Chloride	4.604	84	101284	44.947 ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	99475	48.528 ug/l	94
22) Diisopropyl ether	6.012	45	290531	45.396 ug/l	99
23) Vinyl Acetate	5.958	43	797575	210.554 ug/l	97
24) 1,1-Dichloroethane	5.909	63	185766	49.271 ug/l	100
25) 2-Butanone	6.890	43	125095	218.612 ug/l	97
26) 2,2-Dichloropropane	6.884	77	167558	50.298 ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	119480	50.429 ug/l	98
28) Bromochloromethane	7.244	49	73335	44.621 ug/l	94
29) Tetrahydrofuran	7.256	42	77840	210.910 ug/l	96
30) Chloroform	7.415	83	187597	50.234 ug/l	97
31) Cyclohexane	7.695	56	159823	42.579 ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	166517	50.229 ug/l	98
36) 1,1-Dichloropropene	7.829	75	140868	50.076 ug/l	99
37) Ethyl Acetate	6.982	43	54334	43.311 ug/l	98
38) Carbon Tetrachloride	7.817	117	145468	50.408 ug/l	99
39) Methylcyclohexane	9.109	83	177444	46.938 ug/l	96
40) Benzene	8.079	78	426686	51.354 ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.220	41	30257m	41.292 ug/l		
42) 1,2-Dichloroethane	8.152	62	104573	46.095 ug/l		98
43) Isopropyl Acetate	8.195	43	120039	44.305 ug/l		99
44) Trichloroethene	8.860	130	110843	54.584 ug/l		99
45) 1,2-Dichloropropane	9.140	63	98541	50.184 ug/l		98
46) Dibromomethane	9.225	93	54106	48.978 ug/l		99
47) Bromodichloromethane	9.420	83	137944	49.246 ug/l		96
48) Methyl methacrylate	9.219	41	52779	41.507 ug/l		90
49) 1,4-Dioxane	9.225	88	12179	930.584 ug/l		92
51) 4-Methyl-2-Pentanone	9.993	43	301886	223.486 ug/l		96
52) Toluene	10.170	92	266417	51.024 ug/l		99
53) t-1,3-Dichloropropene	10.390	75	125291	47.738 ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	151585	49.616 ug/l		94
55) 1,1,2-Trichloroethane	10.567	97	67097	47.632 ug/l		95
56) Ethyl methacrylate	10.438	69	97246	47.764 ug/l		97
57) 1,3-Dichloropropane	10.713	76	120065	48.090 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	229595	248.382 ug/l		99
59) 2-Hexanone	10.756	43	202877	224.569 ug/l		96
60) Dibromochloromethane	10.908	129	86194	48.149 ug/l		99
61) 1,2-Dibromoethane	11.012	107	62168	48.421 ug/l		95
64) Tetrachloroethene	10.646	164	134865	63.928 ug/l		96
65) Chlorobenzene	11.438	112	282144	51.989 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	93342	51.056 ug/l		99
67) Ethyl Benzene	11.518	91	517369	51.398 ug/l		100
68) m/p-Xylenes	11.627	106	398753	104.498 ug/l		98
69) o-Xylene	11.950	106	189238	52.894 ug/l		97
70) Styrene	11.963	104	310024	52.424 ug/l		98
71) Bromoform	12.127	173	47022	48.333 ug/l	#	100
73) Isopropylbenzene	12.249	105	487911	50.210 ug/l		99
74) N-amyl acetate	12.066	43	108716	44.340 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	61263	38.413 ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	60266m	44.507 ug/l		
77) Bromobenzene	12.530	156	102552	50.011 ug/l		94
78) n-propylbenzene	12.591	91	591928	49.873 ug/l		98
79) 2-Chlorotoluene	12.676	91	309843	49.256 ug/l		98
80) 1,3,5-Trimethylbenzene	12.731	105	381869	50.055 ug/l		97
81) trans-1,4-Dichloro-2-b...	12.298	75	23152	41.290 ug/l		98
82) 4-Chlorotoluene	12.773	91	314019	48.391 ug/l		97
83) tert-Butylbenzene	12.993	119	351878	51.390 ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	379800	49.775 ug/l		99
85) sec-Butylbenzene	13.170	105	527233	50.277 ug/l		99
86) p-Isopropyltoluene	13.286	119	441582	51.086 ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	210101	50.570 ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	197667	49.053 ug/l		99
89) n-Butylbenzene	13.615	91	414934	50.596 ug/l		99
90) Hexachloroethane	13.877	117	85386	50.740 ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	174803	49.555 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10482	45.142 ug/l		94
93) 1,2,4-Trichlorobenzene	14.913	180	98333	51.112 ug/l		97
94) Hexachlorobutadiene	15.017	225	53797	50.664 ug/l		96
95) Naphthalene	15.139	128	214460	58.089 ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	79920	48.472 ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
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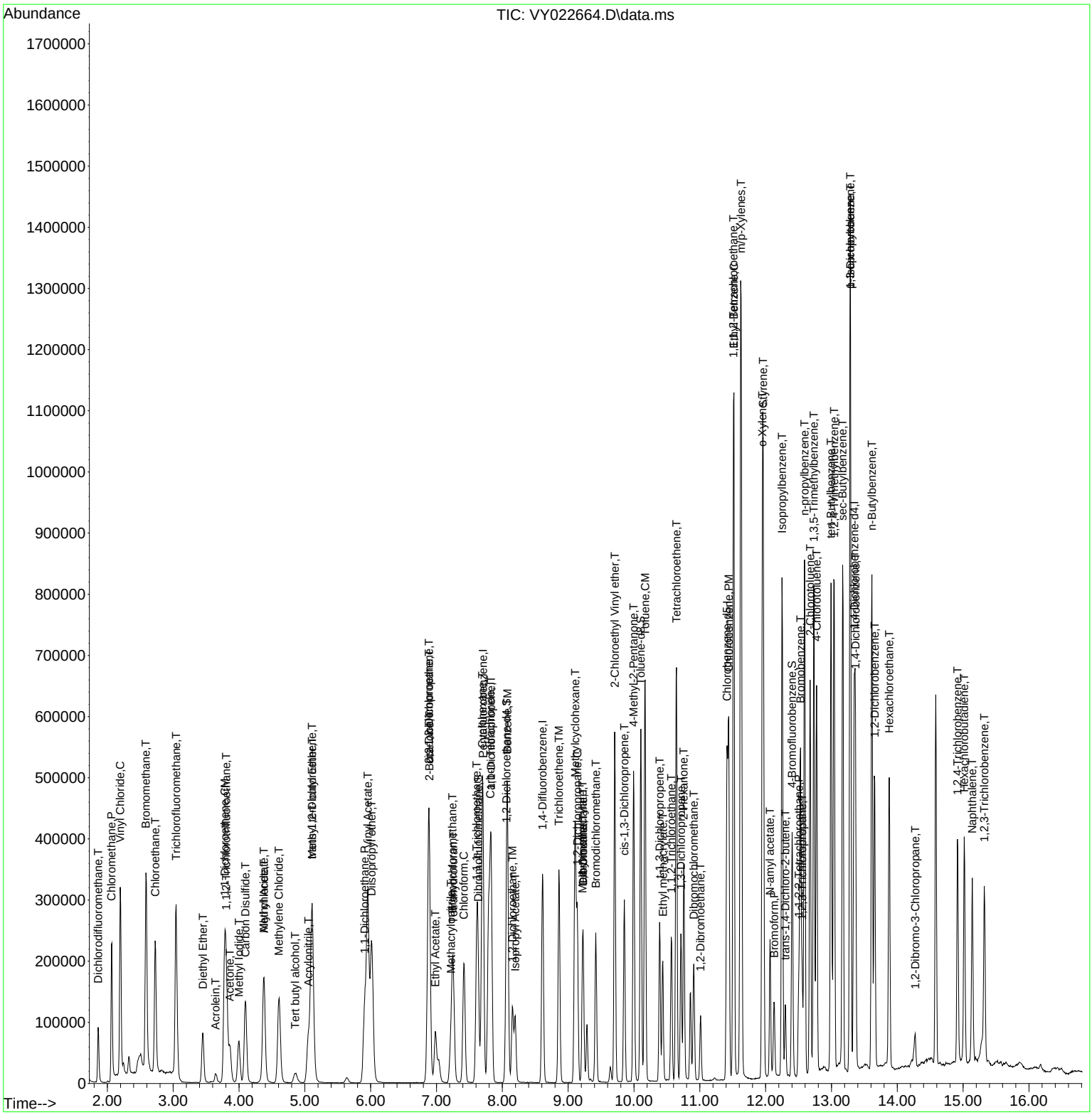
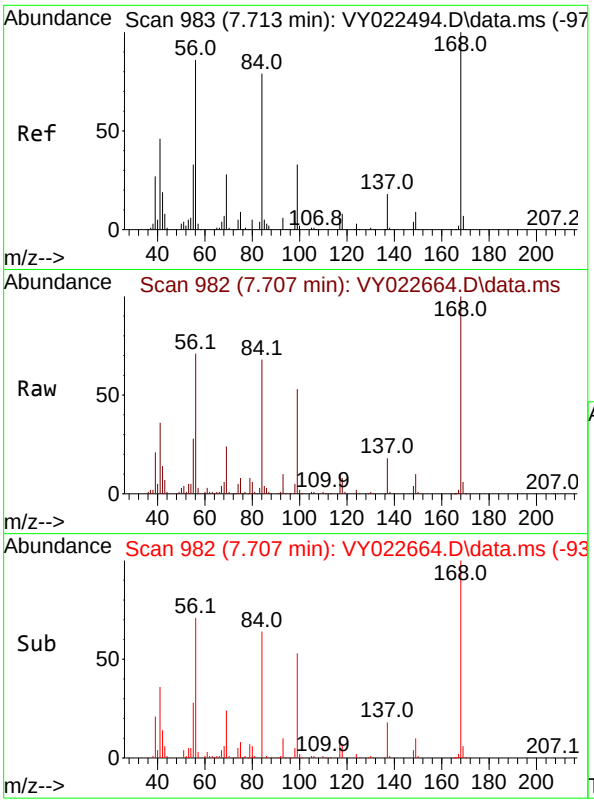
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

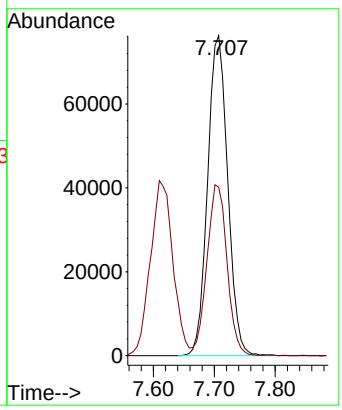




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:168 Resp: 17465

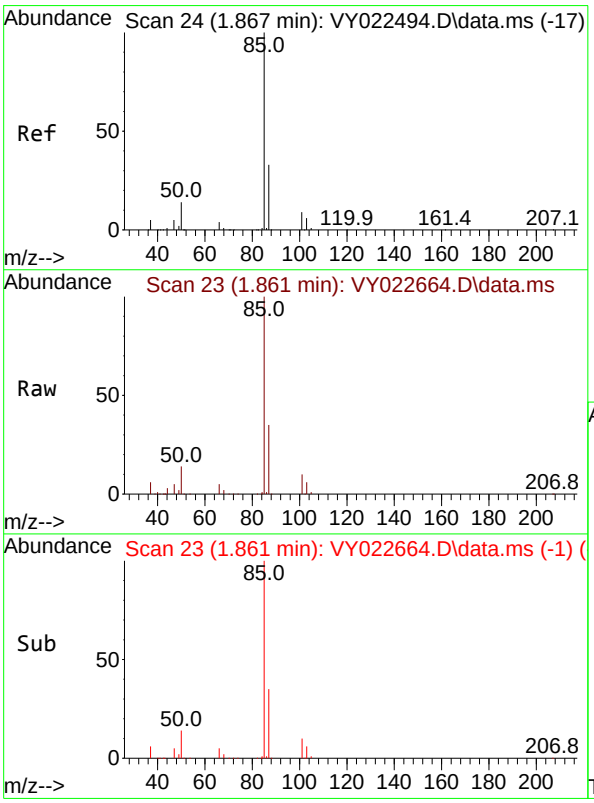
Ion	Ratio	Lower	Upper
168	100		
99	52.7	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

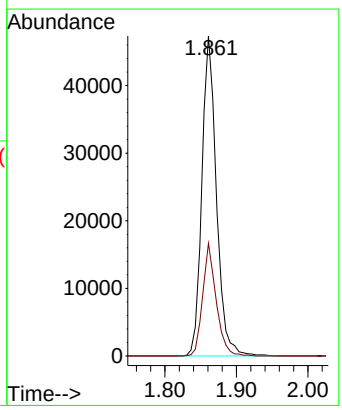
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

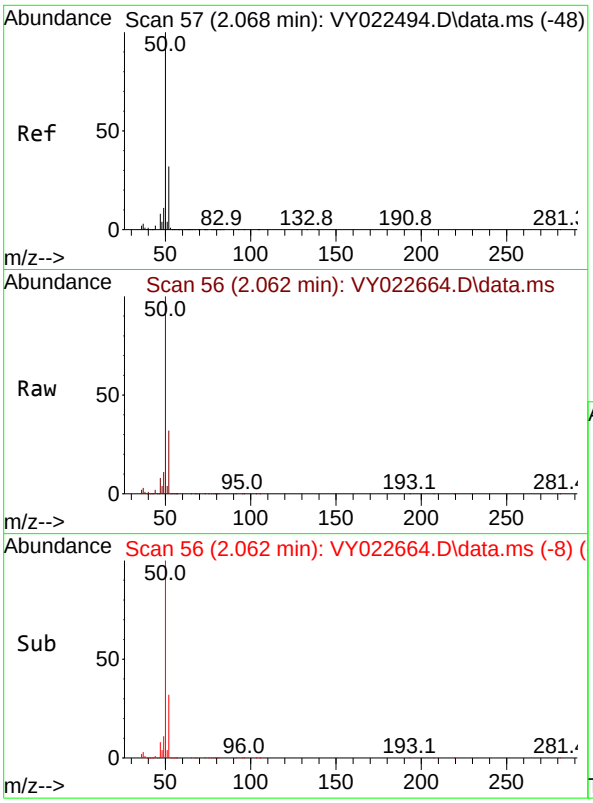


#2
Dichlorodifluoromethane
Concen: 42.934 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 85 Resp: 67134

Ion	Ratio	Lower	Upper
85	100		
87	35.2	16.7	50.0

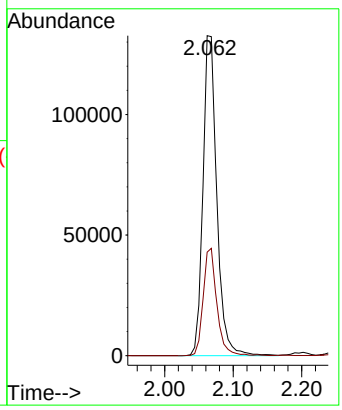




#3
Chloromethane
Concen: 40.542 ug/l
RT: 2.062 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 50 Resp: 18728

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
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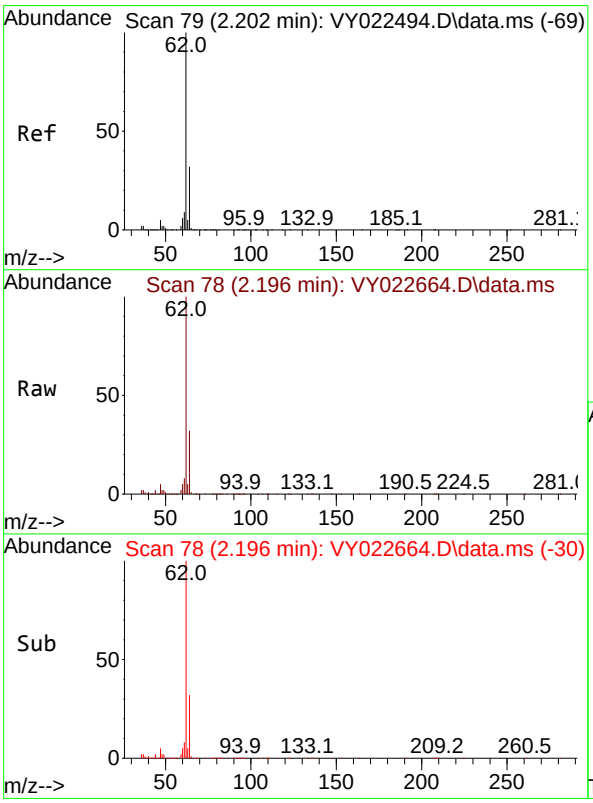
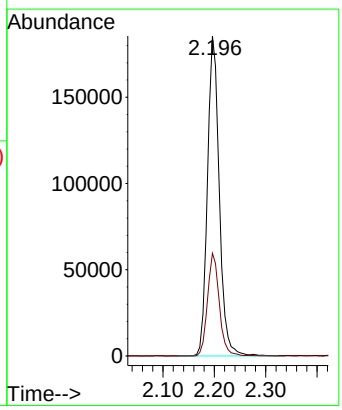
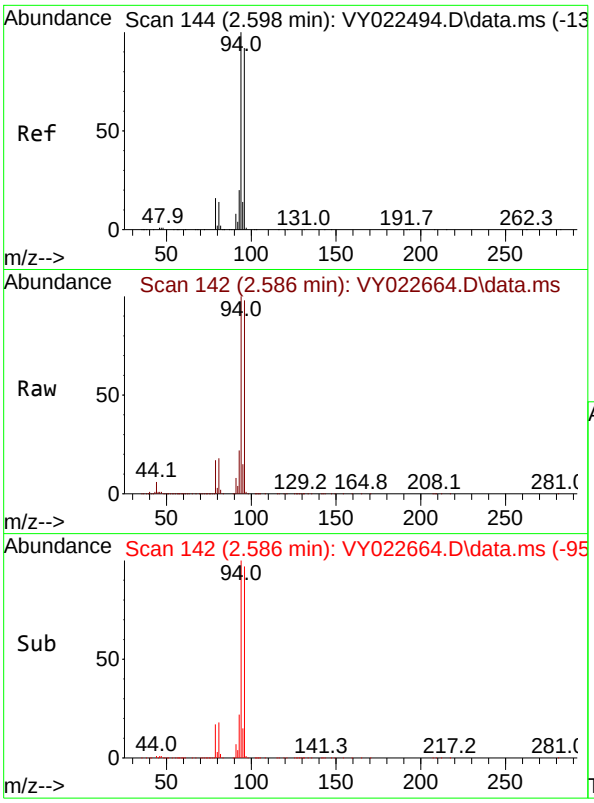


#4
Vinyl Chloride
Concen: 55.348 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 62 Resp: 296607

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.3	37.9

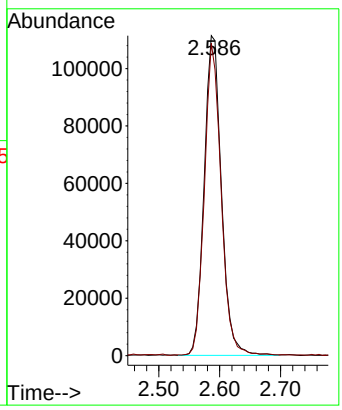




#5
Bromomethane
Concen: 42.795 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 94 Resp: 21980

Ion	Ratio	Lower	Upper
94	100		
96	97.4	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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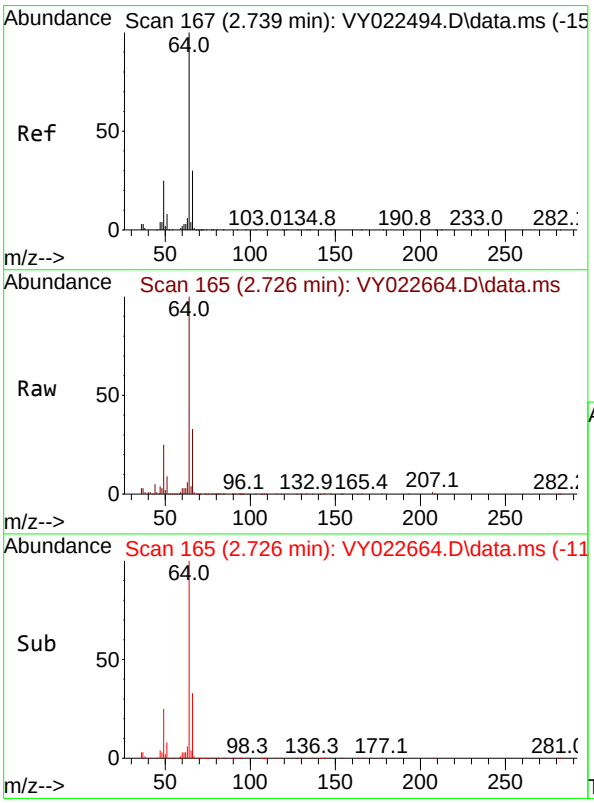
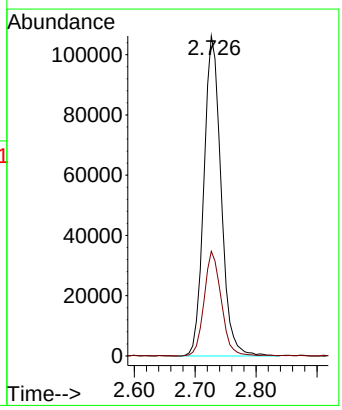
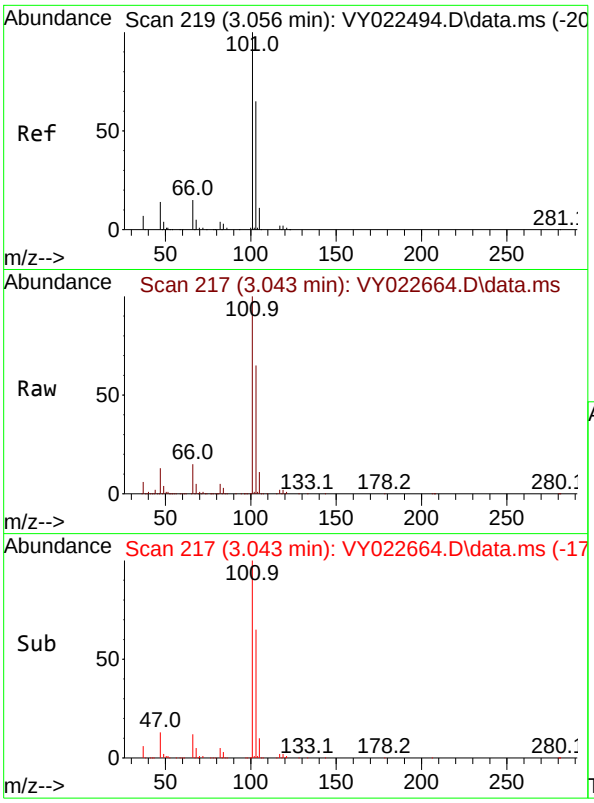


#6
Chloroethane
Concen: 56.588 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 64 Resp: 208143

Ion	Ratio	Lower	Upper
64	100		
66	32.7	23.8	35.6

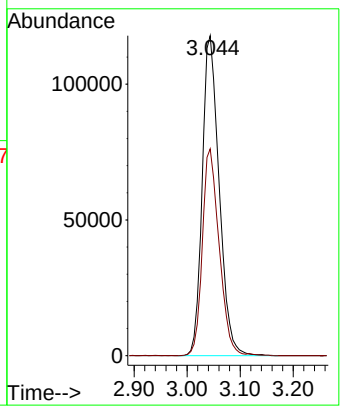




#7
Trichlorofluoromethane
Concen: 57.379 ug/l
RT: 3.043 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:101 Resp: 26103

Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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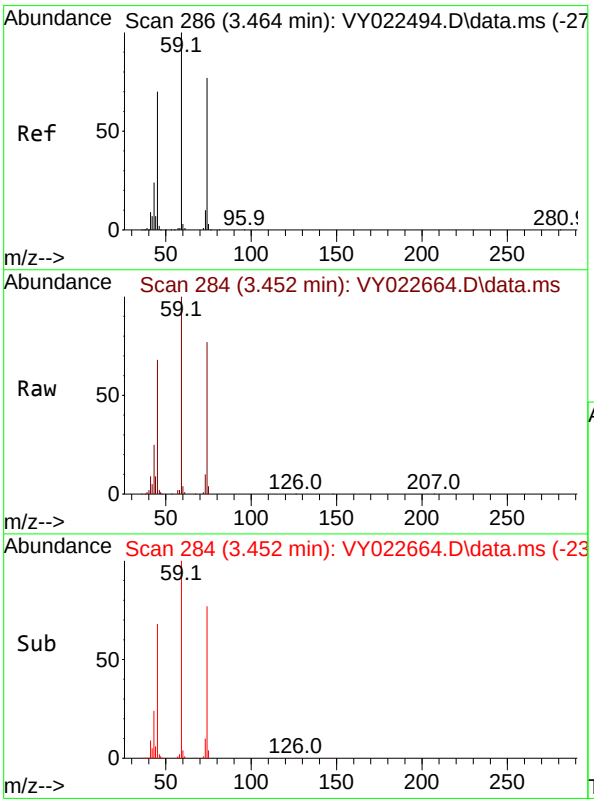
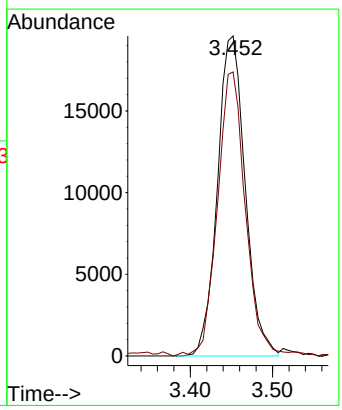
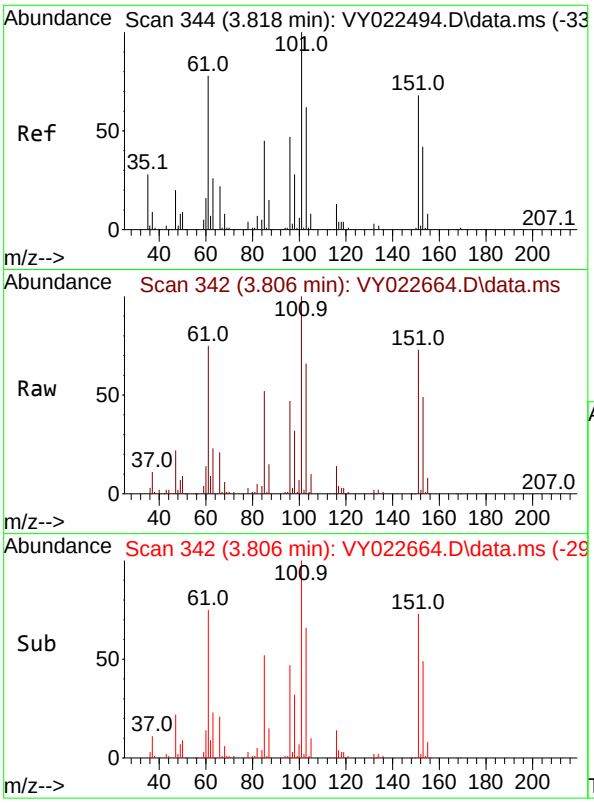


#8
Diethyl Ether
Concen: 44.860 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 74 Resp: 45960

Ion	Ratio	Lower	Upper
74	100		
45	89.6	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.481 ug/l
RT: 3.806 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:101 Resp: 9097

Ion	Ratio	Lower	Upper
101	100		
85	47.9	39.3	58.9
151	74.4	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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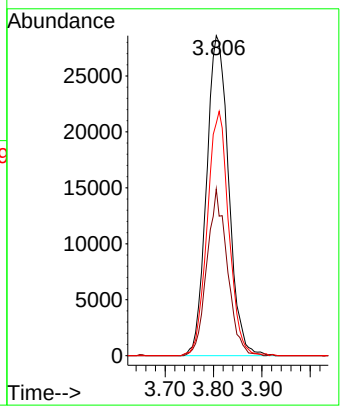
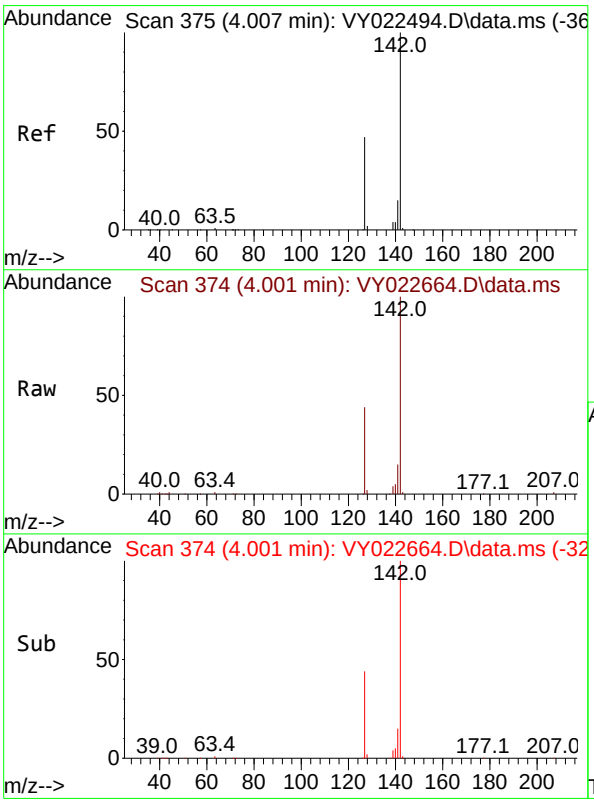
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

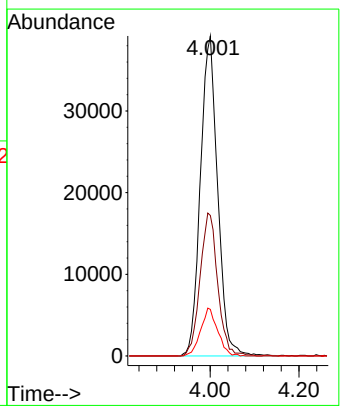


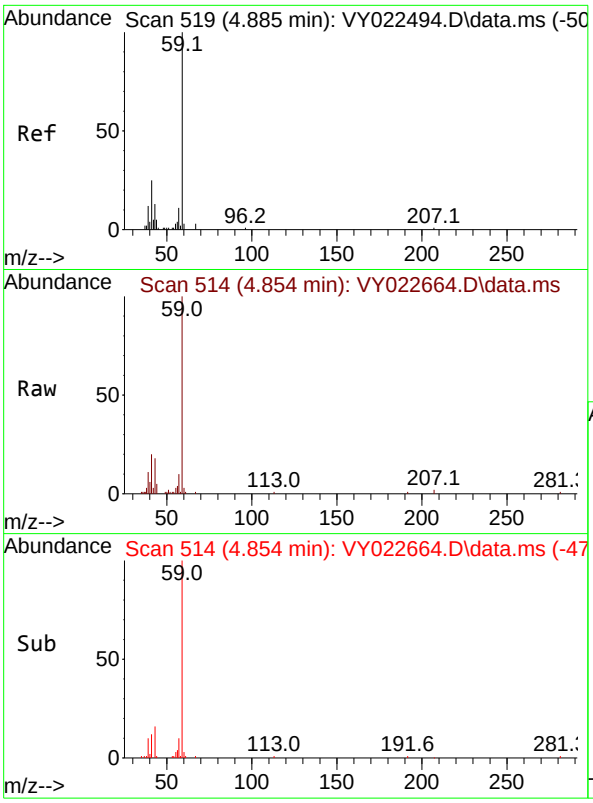


#10
Methyl Iodide
Concen: 51.004 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:142 Resp: 105757

Ion	Ratio	Lower	Upper
142	100		
127	45.7	37.1	55.7
141	14.8	11.4	17.2

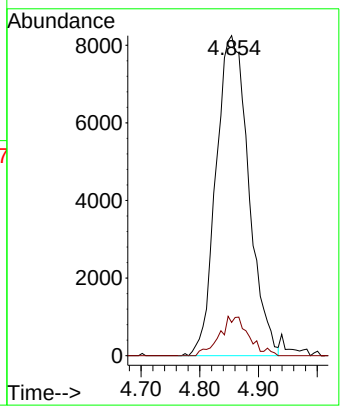




#11
Tert butyl alcohol
Concen: 227.964 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.031 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 59 Resp: 3180

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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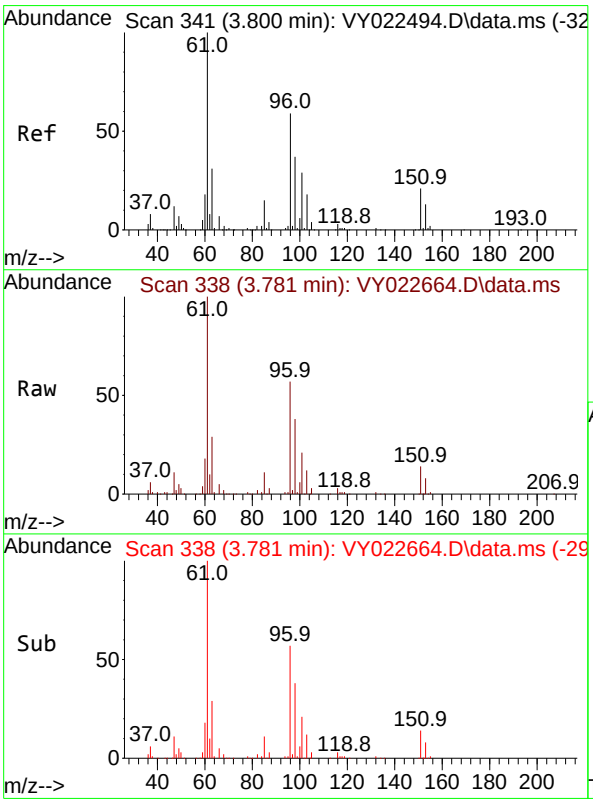
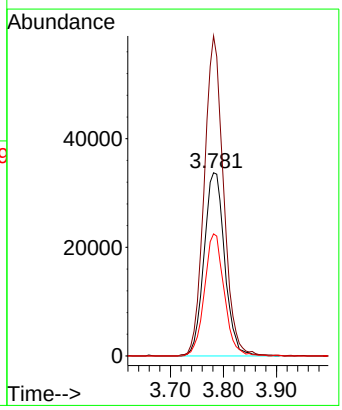
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

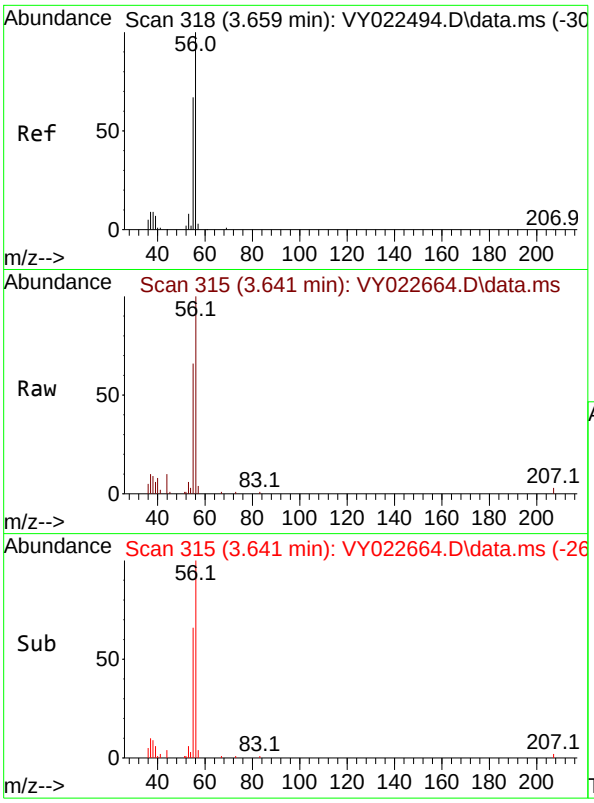


#12
1,1-Dichloroethene
Concen: 49.887 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 96 Resp: 91369

Ion	Ratio	Lower	Upper
96	100		
61	174.7	134.6	201.8
98	66.7	50.2	75.4

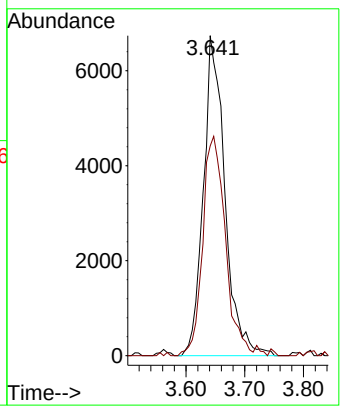




#13
Acrolein
Concen: 98.468 ug/l
RT: 3.641 min Scan# 3
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 56 Resp: 1712

Ion	Ratio	Lower	Upper
56	100		
55	72.0	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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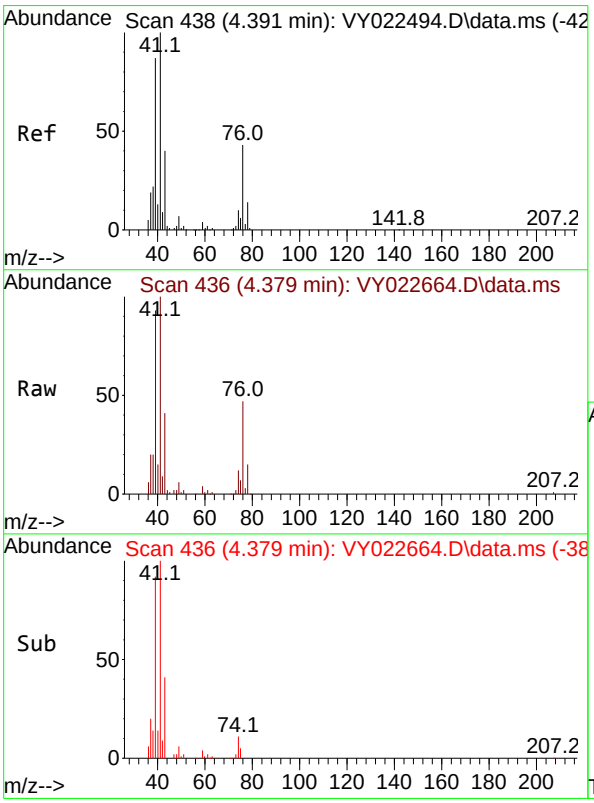
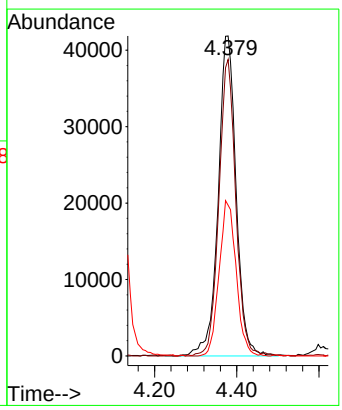
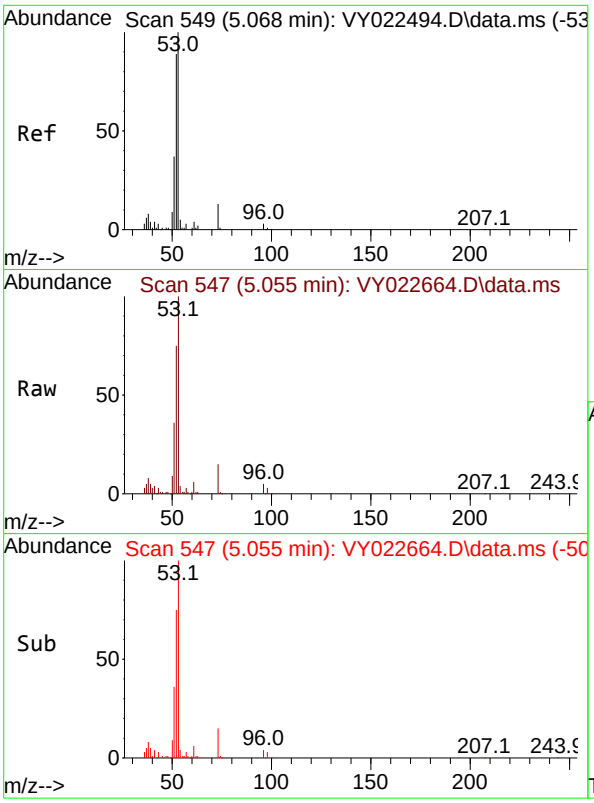


#14
Allyl chloride
Concen: 44.108 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 41 Resp: 126821

Ion	Ratio	Lower	Upper
41	100		
39	87.4	69.1	103.7
76	46.0	33.5	50.3





#15
Acrylonitrile
Concen: 219.381 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 53 Resp: 9519

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.7	98.5
51	37.0	30.1	45.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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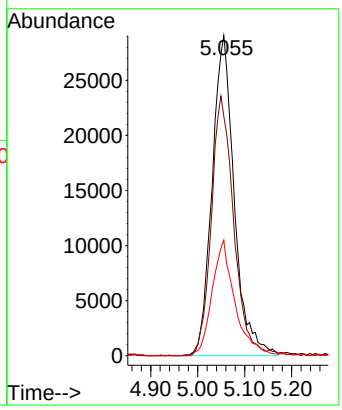
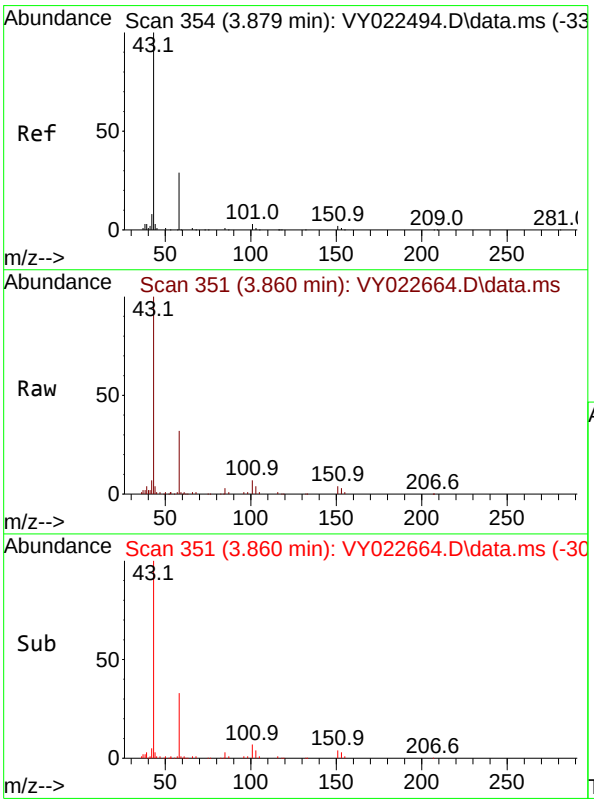
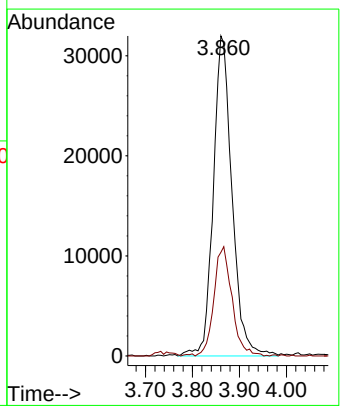


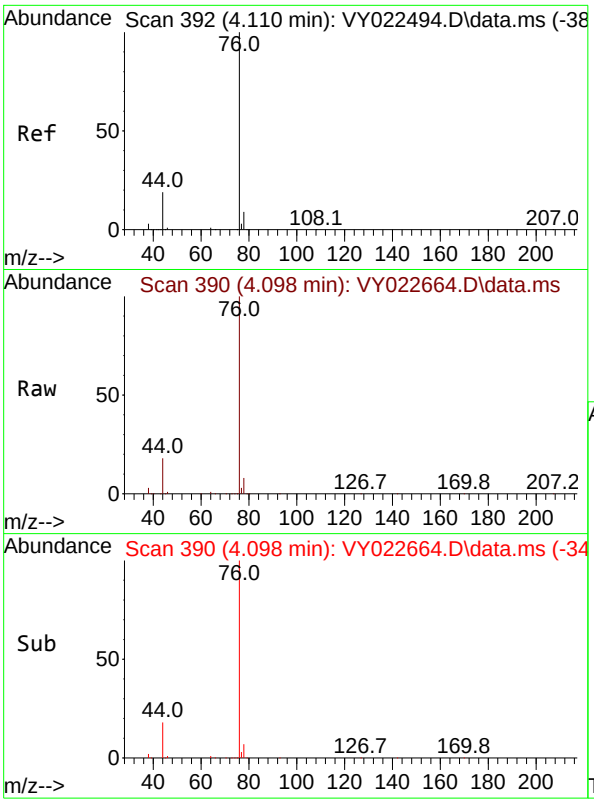


#16
Acetone
Concen: 223.295 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 88582

Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.0	36.0

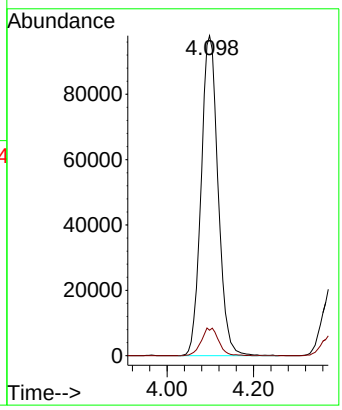




#17
Carbon Disulfide
Concen: 45.254 ug/l
RT: 4.098 min Scan# 3
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 76 Resp: 26535

Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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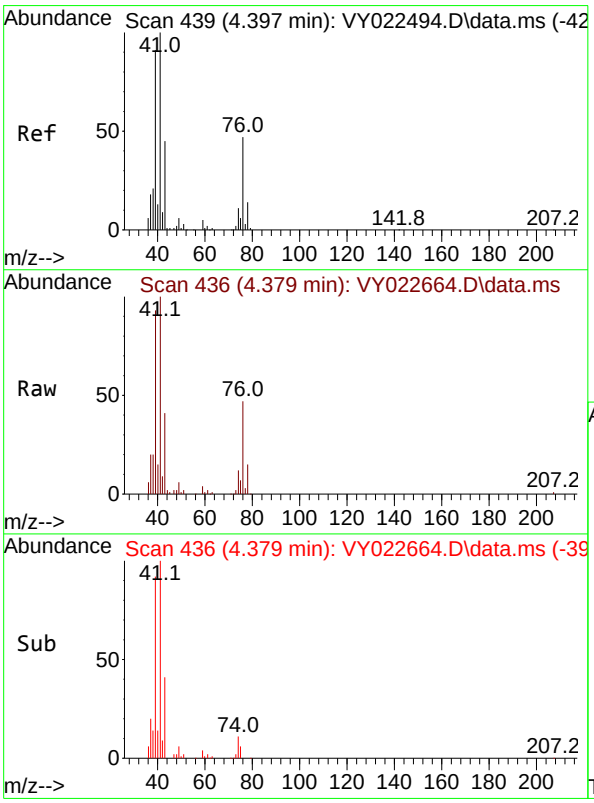
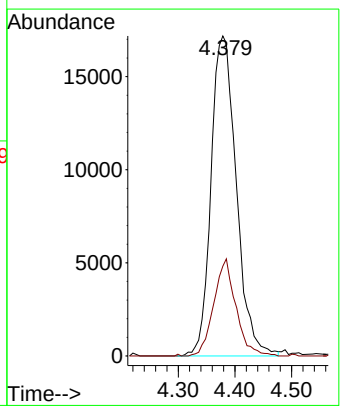
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

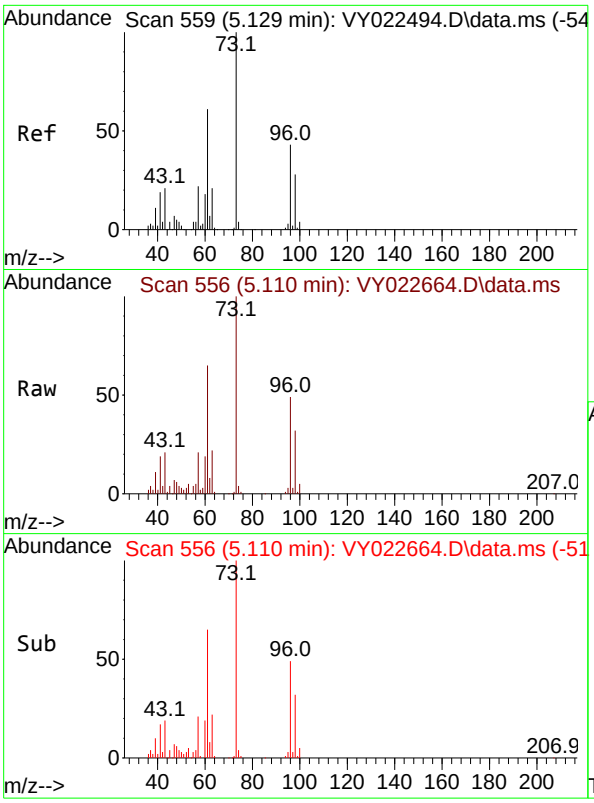


#18
Methyl Acetate
Concen: 45.242 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 53148

Ion	Ratio	Lower	Upper
43	100		
74	26.6	19.8	29.6





#19
Methyl tert-butyl Ether
Concen: 46.344 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 73 Resp: 23907

Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.4	26.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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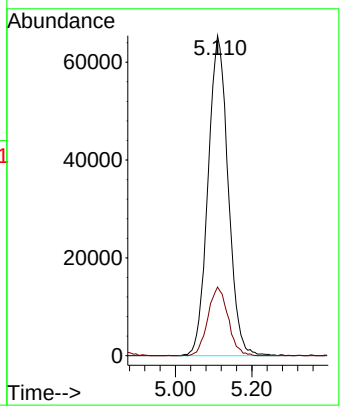
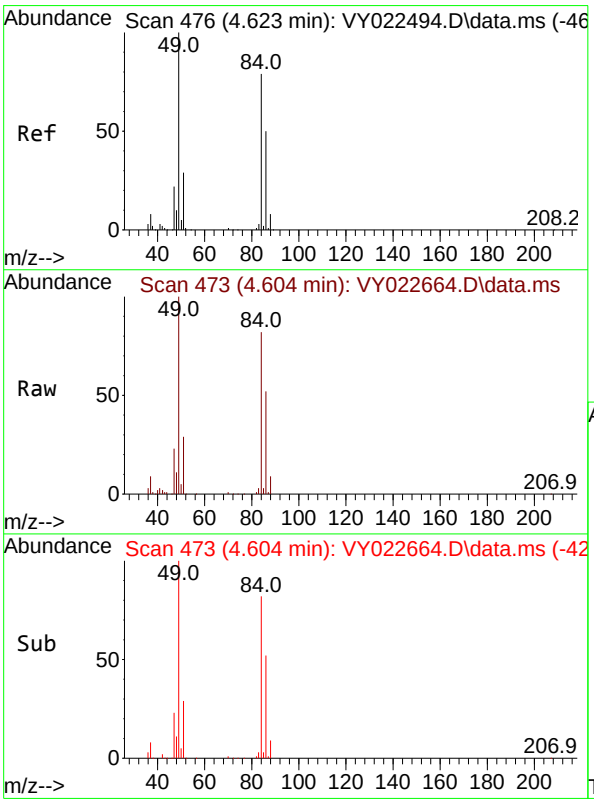
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

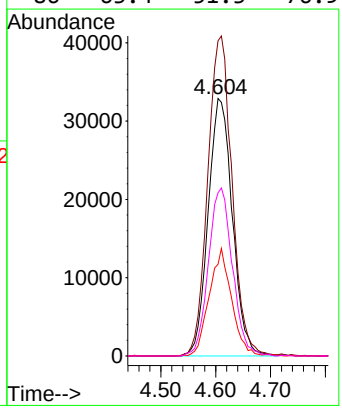


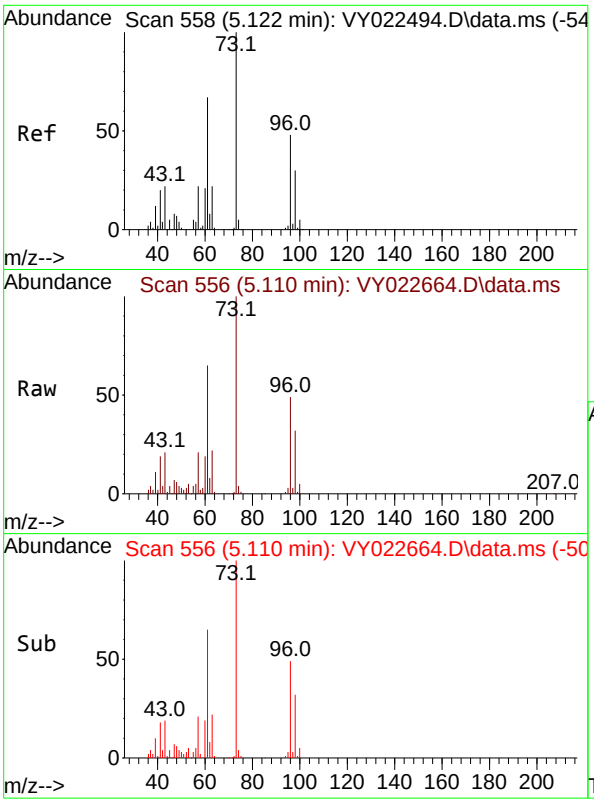


#20
Methylene Chloride
Concen: 44.947 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 84 Resp: 101284

Ion	Ratio	Lower	Upper
84	100		
49	122.4	101.9	152.9
51	35.4	29.8	44.8
86	63.4	51.3	76.9

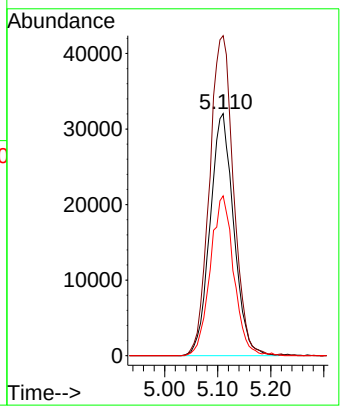




#21
trans-1,2-Dichloroethene
Concen: 48.528 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 96 Resp: 9947

Ion	Ratio	Lower	Upper
96	100		
61	132.2	112.6	169.0
98	66.0	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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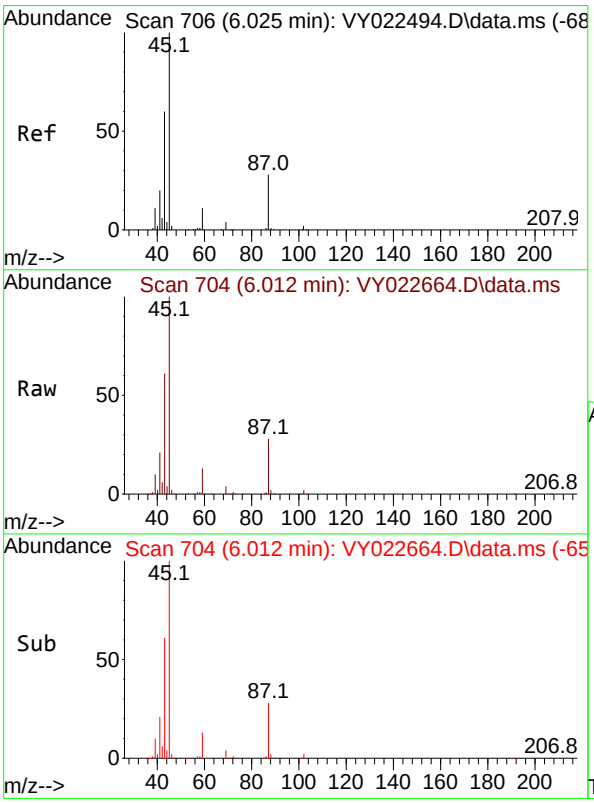
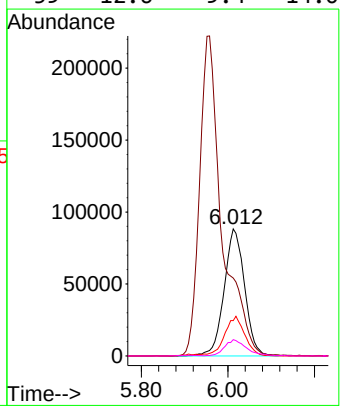
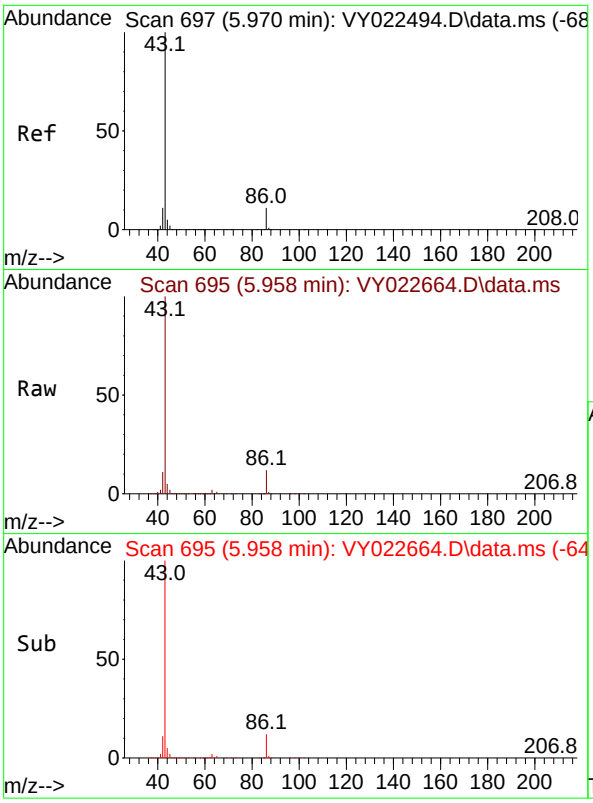


#22
Diisopropyl ether
Concen: 45.396 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 45 Resp: 290531

Ion	Ratio	Lower	Upper
45	100		
43	61.2	48.3	72.5
87	27.8	23.0	34.6
59	12.6	9.4	14.0

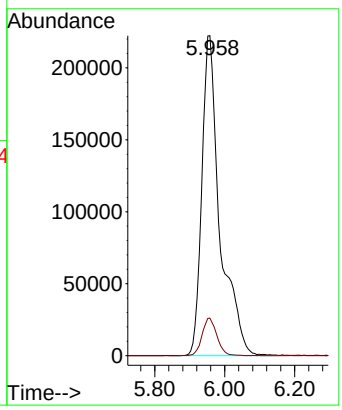




#23
Vinyl Acetate
Concen: 210.554 ug/l
RT: 5.958 min Scan# 6
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 79757

Ion	Ratio	Lower	Upper
43	100		
86	11.8	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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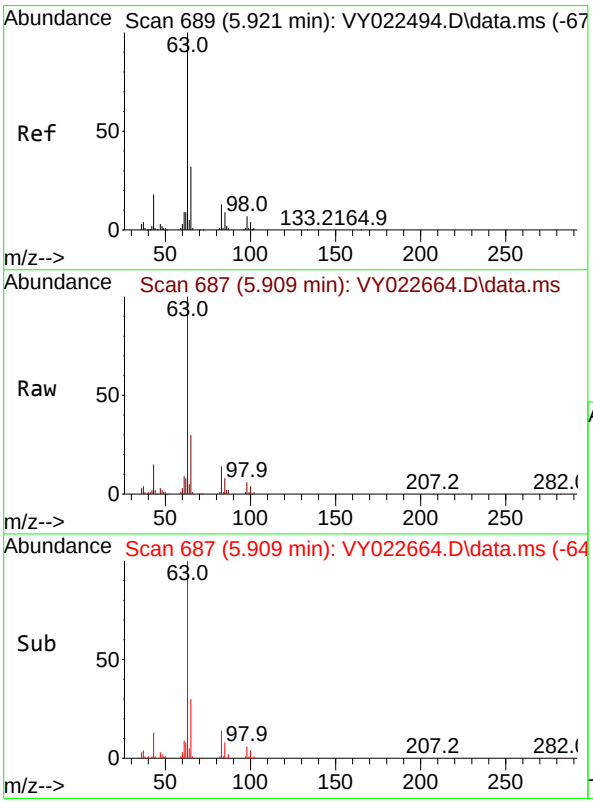
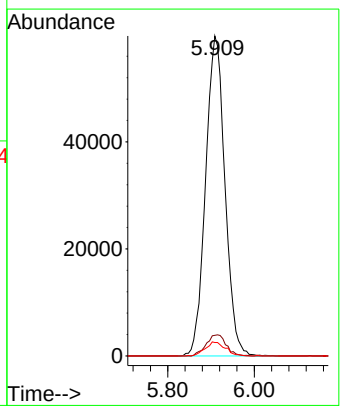
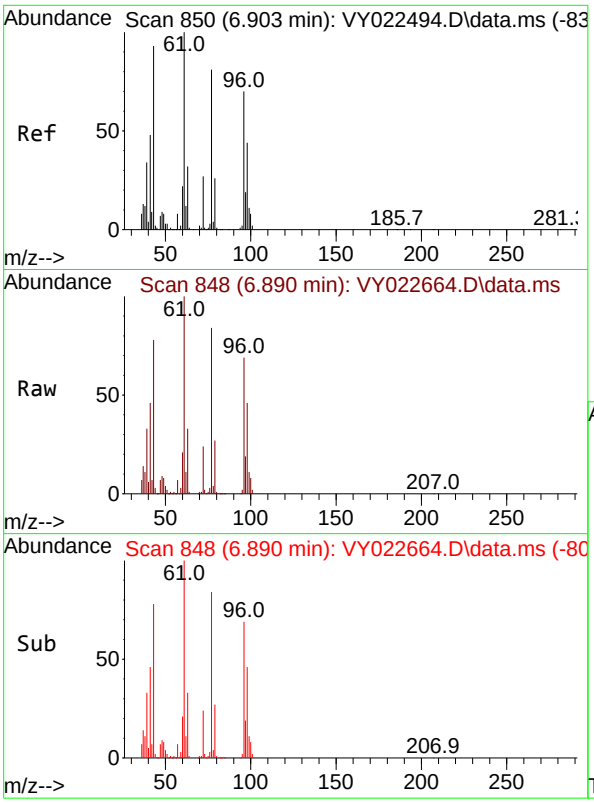


#24
1,1-Dichloroethane
Concen: 49.271 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 63 Resp: 185766

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.4	10.1
100	4.2	2.1	6.3





#25
2-Butanone
Concen: 218.612 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 12509

Ion	Ratio	Lower	Upper
43	100		
72	30.3	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/12/2025
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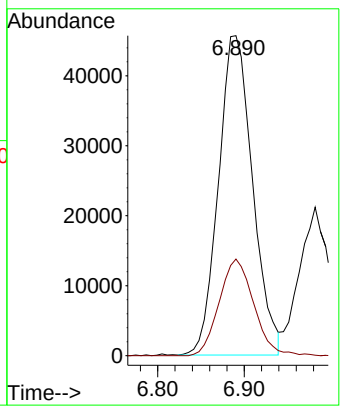
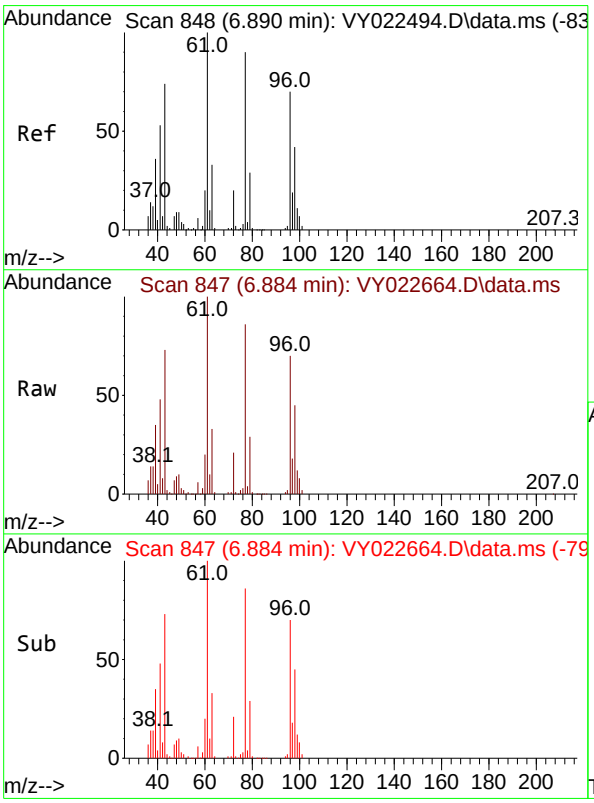
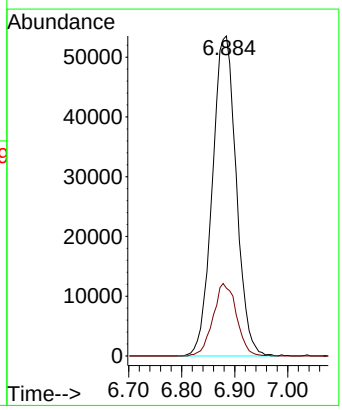


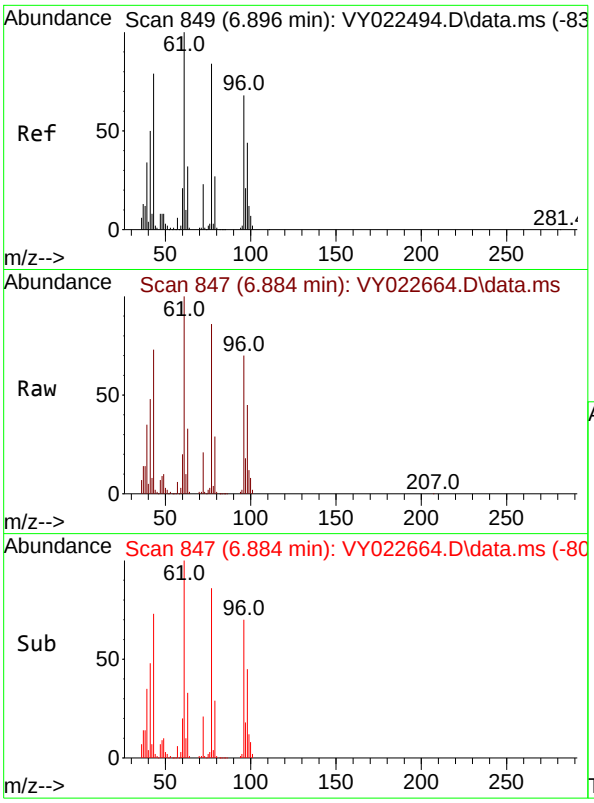


#26
2,2-Dichloropropane
Concen: 50.298 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 77 Resp: 167558

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2





#27
cis-1,2-Dichloroethene
Concen: 50.429 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 96 Resp: 11948

Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	290.0
98	63.8	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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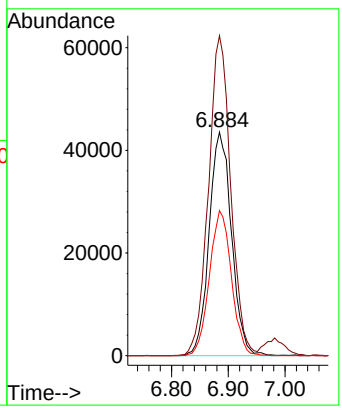
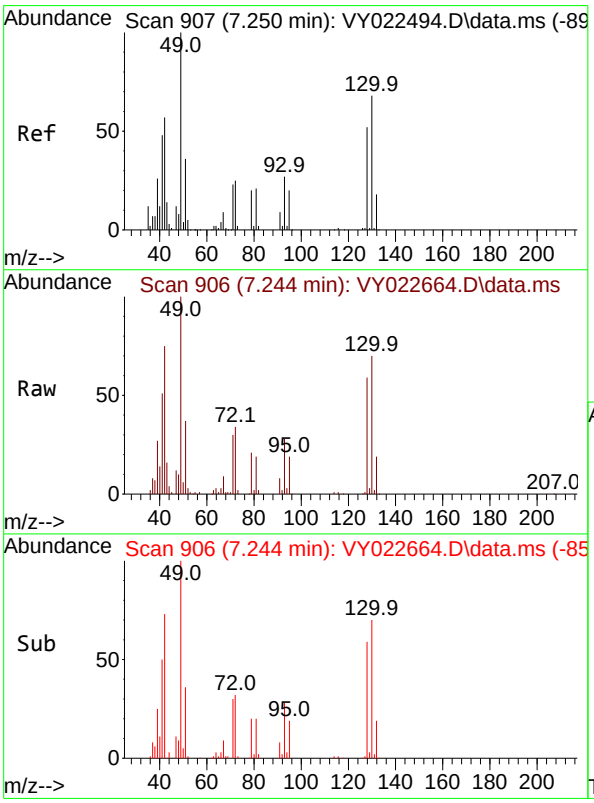
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

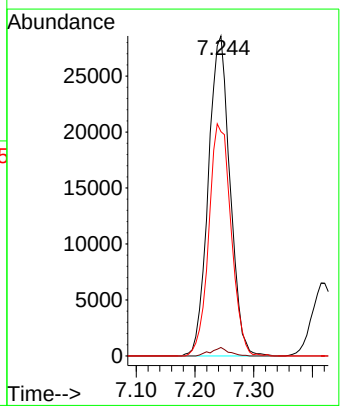


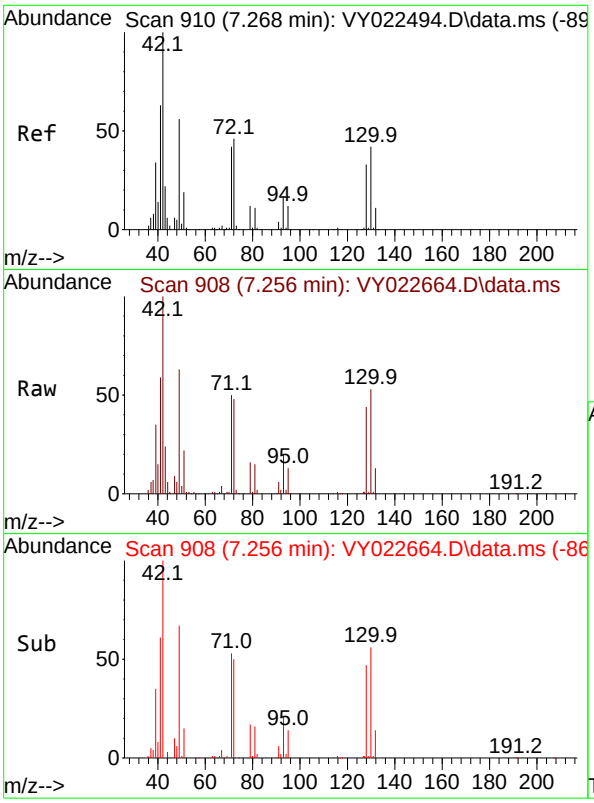


#28
Bromochloromethane
Concen: 44.621 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 49 Resp: 73335

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.6
130	74.4	55.7	83.5

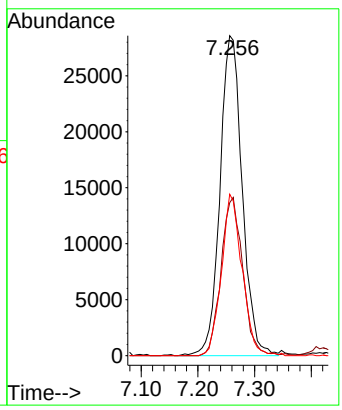




#29
Tetrahydrofuran
Concen: 210.910 ug/l
RT: 7.256 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 42 Resp: 7784

Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.4	56.2
71	47.0	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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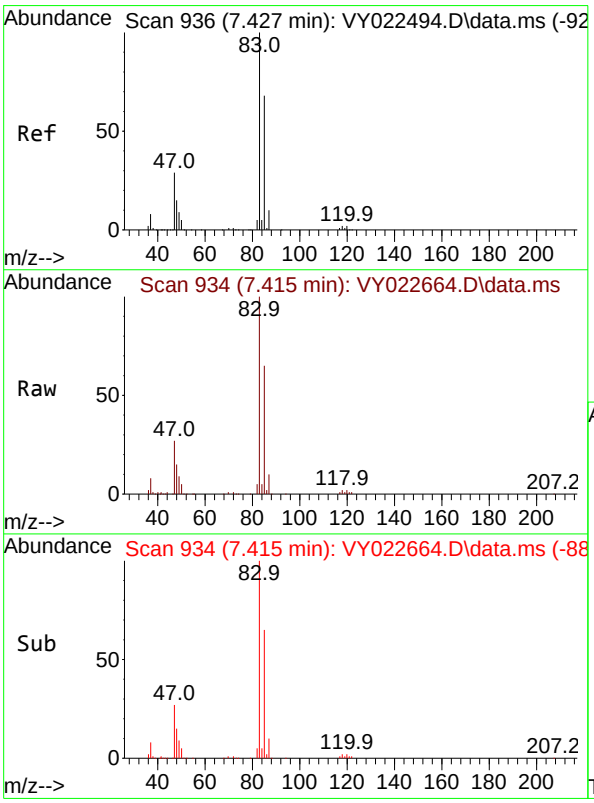
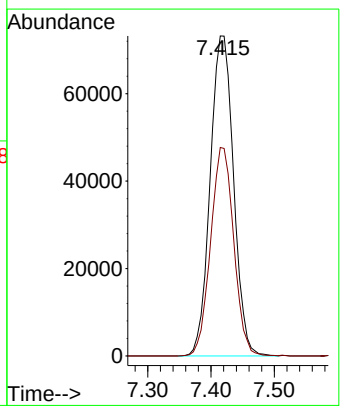
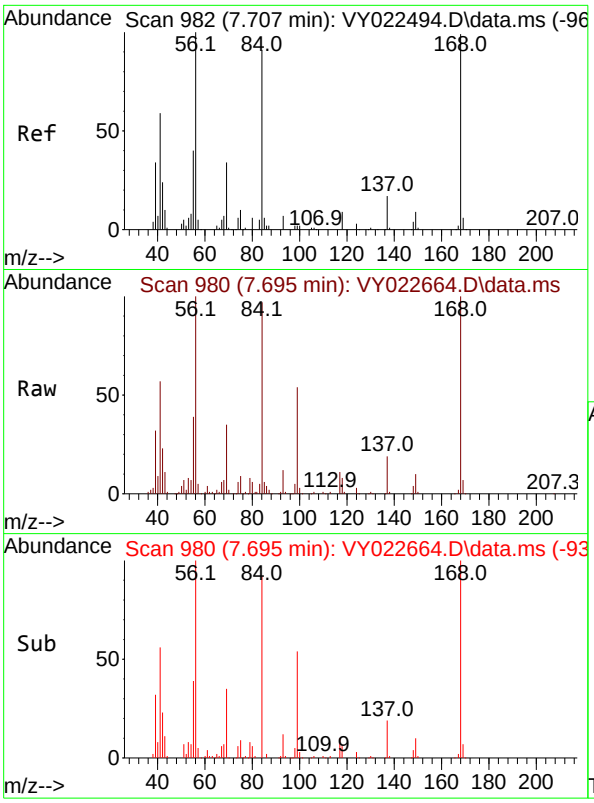


#30
Chloroform
Concen: 50.234 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 83 Resp: 187597

Ion	Ratio	Lower	Upper
83	100		
85	65.2	54.2	81.4





#31
Cyclohexane
Concen: 42.579 ug/l
RT: 7.695 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 56 Resp: 15982

Ion	Ratio	Lower	Upper
56	100		
69	34.8	27.0	40.6
84	95.2	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
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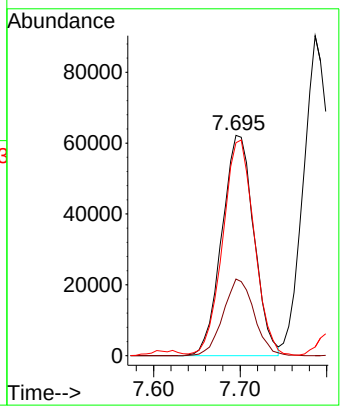
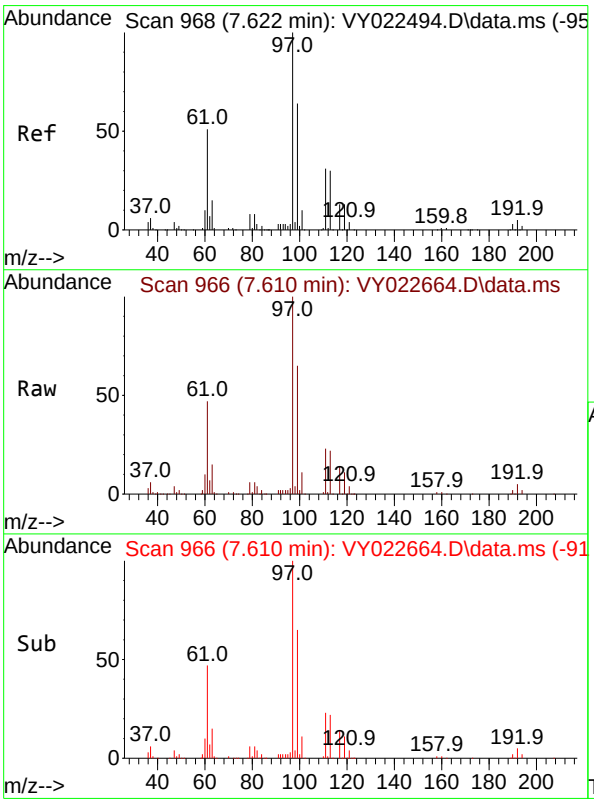
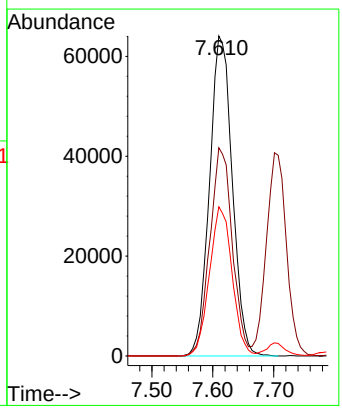


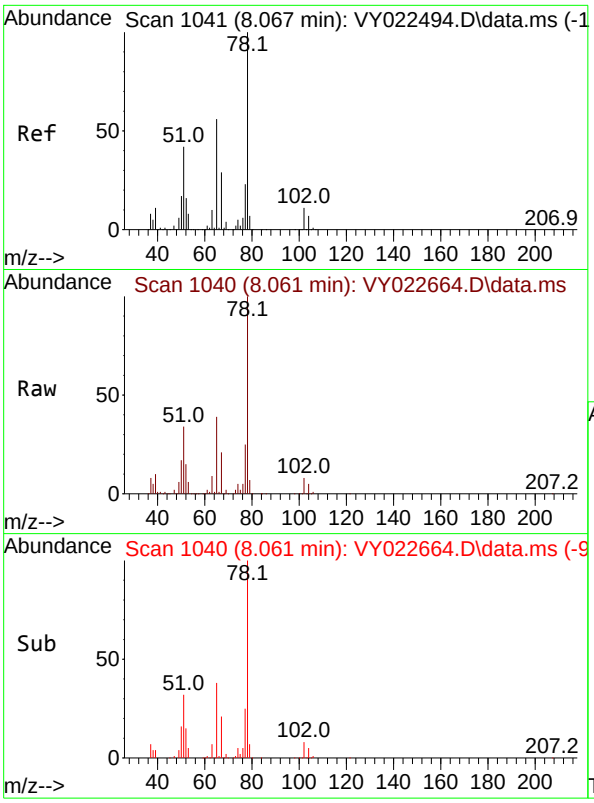


#32
1,1,1-Trichloroethane
Concen: 50.229 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 97 Resp: 166517

Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.9	76.3
61	46.4	38.5	57.7

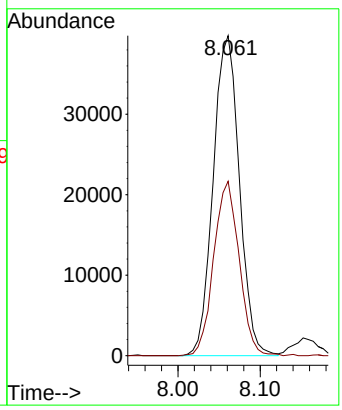




#33
1,2-Dichloroethane-d4
Concen: 45.131 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 65 Resp: 8815

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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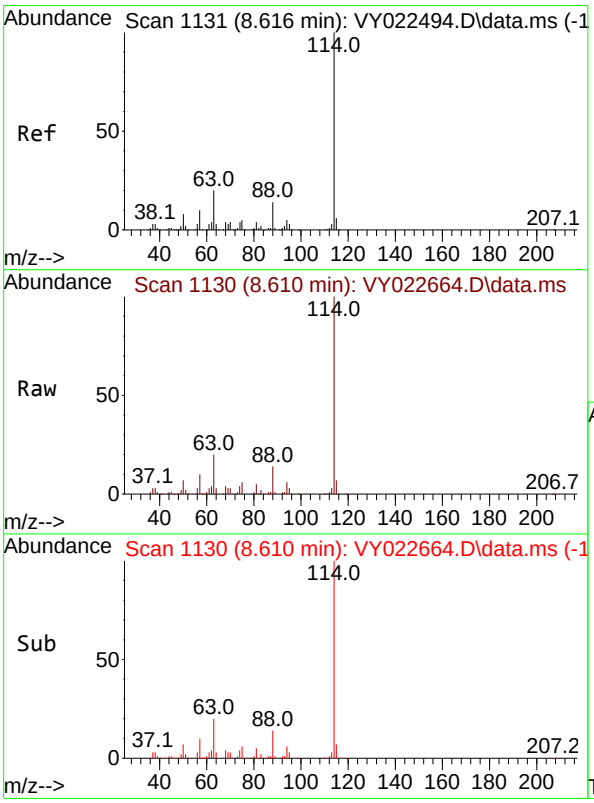
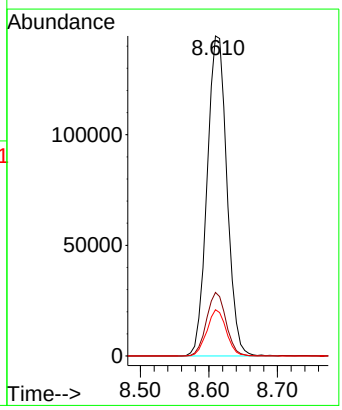
Supervised By :Semsettin Yesilyurt 06/12/2025

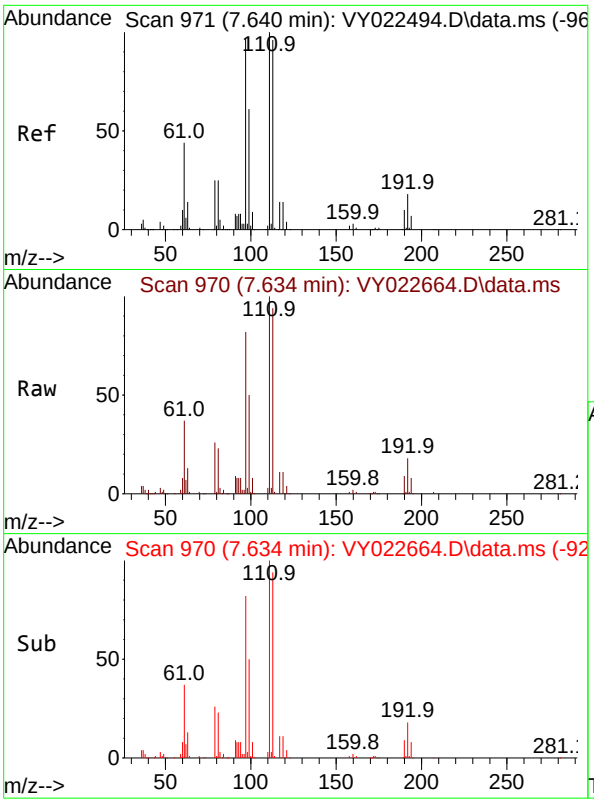


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:114 Resp: 290386

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	14.4	0.0	27.8

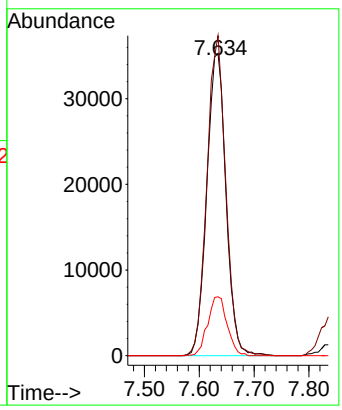




#35
Dibromofluoromethane
Concen: 49.517 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:113 Resp: 8582

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.1	121.7
192	19.7	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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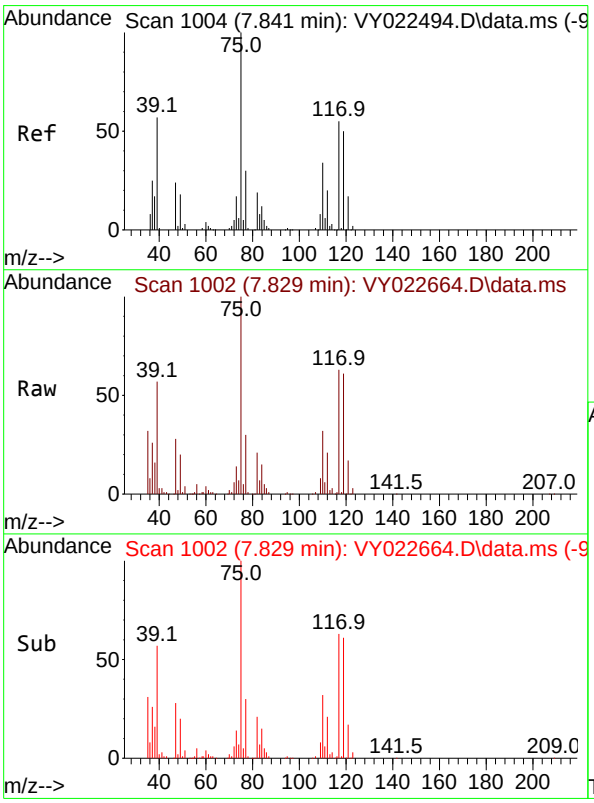
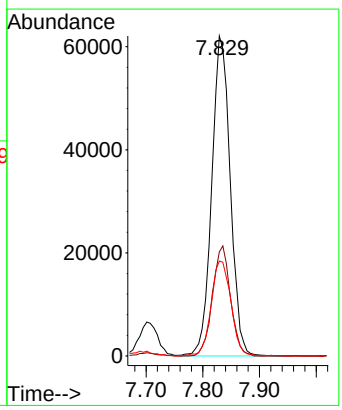
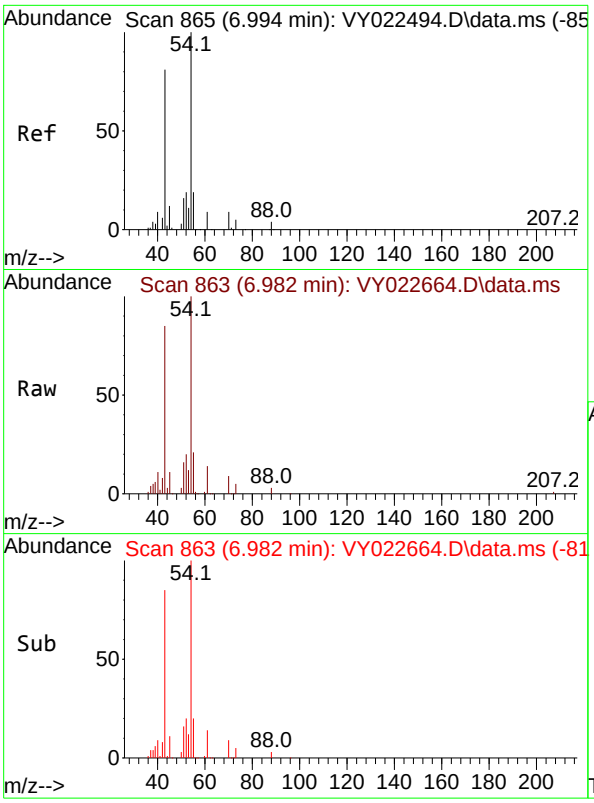


#36
1,1-Dichloropropene
Concen: 50.076 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 75 Resp: 140868

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	31.7	24.8	37.2





#37
Ethyl Acetate
Concen: 43.311 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 5433

Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.5	17.3
70	10.0	7.2	10.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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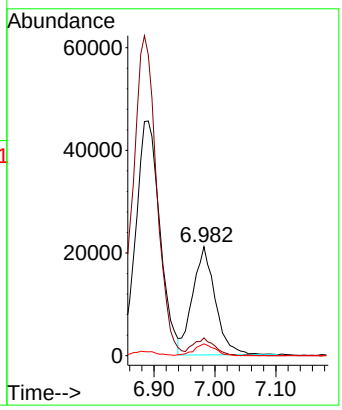
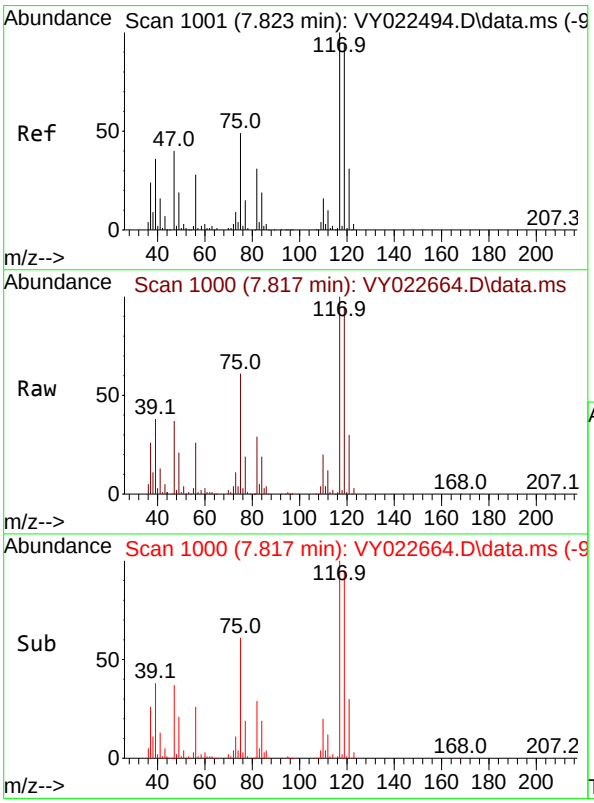
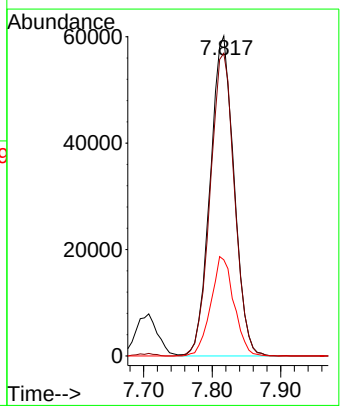


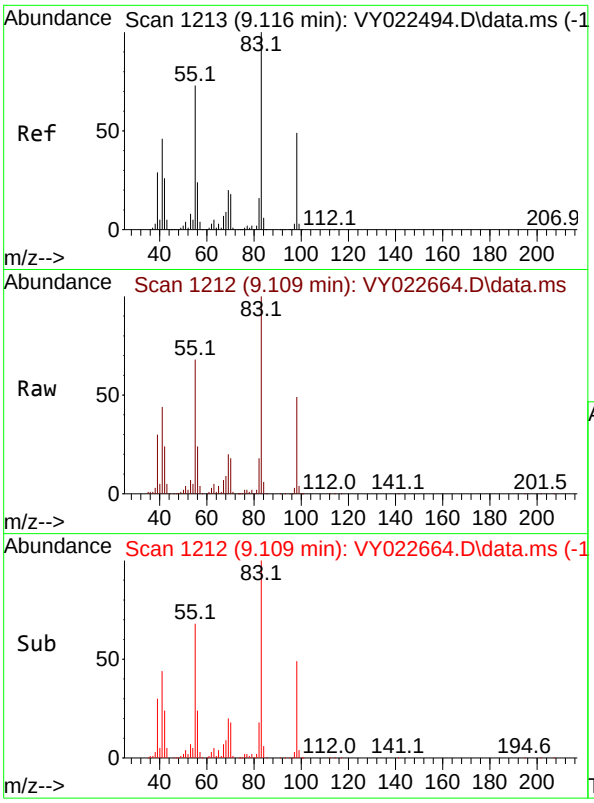


#38
Carbon Tetrachloride
Concen: 50.408 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:117 Resp: 145468

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.0	112.6
121	30.0	25.0	37.4





#39
Methylcyclohexane
Concen: 46.938 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 83 Resp: 17744

Ion	Ratio	Lower	Upper
83	100		
55	67.6	58.1	87.1
98	48.5	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
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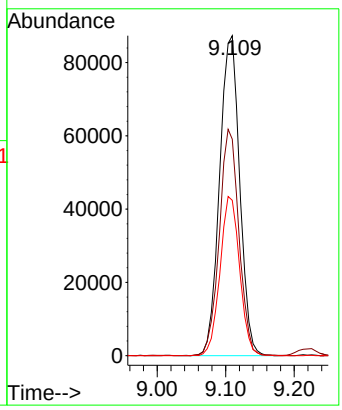
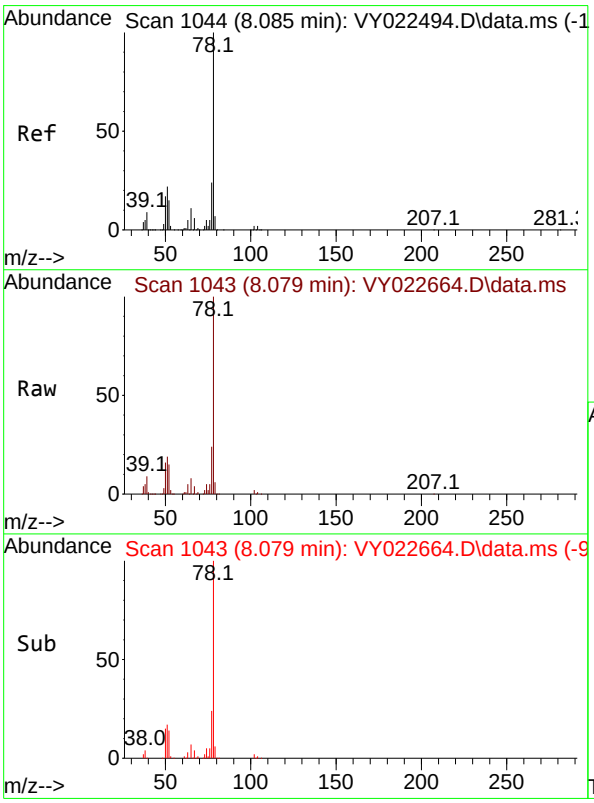
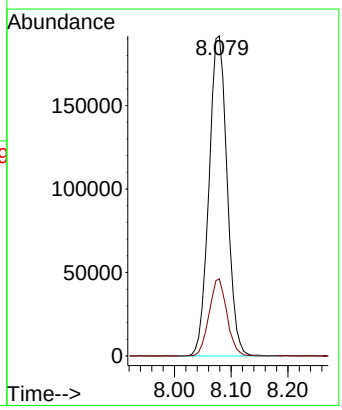


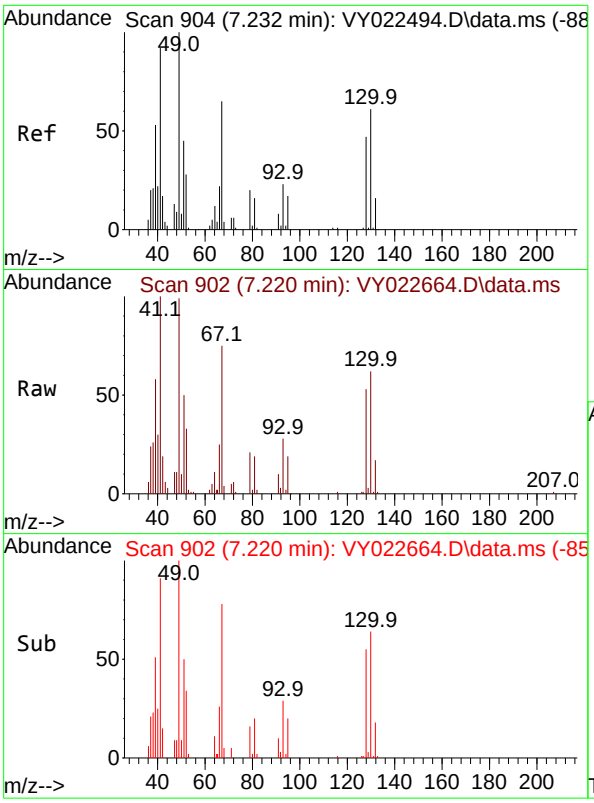


#40
Benzene
Concen: 51.354 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 78 Resp: 426686

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9

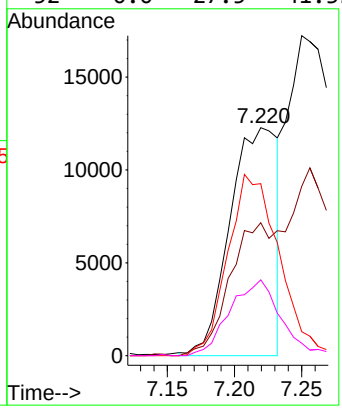




#41
Methacrylonitrile
Concen: 41.292 ug/l m
RT: 7.220 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 41 Resp: 3025

Ion	Ratio	Lower	Upper
41	100		
39	70.9	46.6	69.8#
67	0.0	63.3	94.9#
52	0.0	27.5	41.3#



Instrument :
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ClientSampleId :
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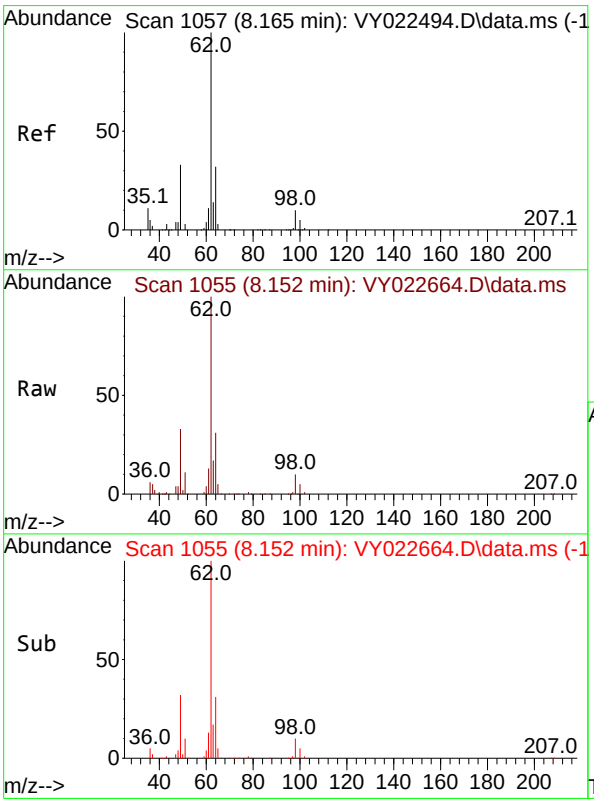
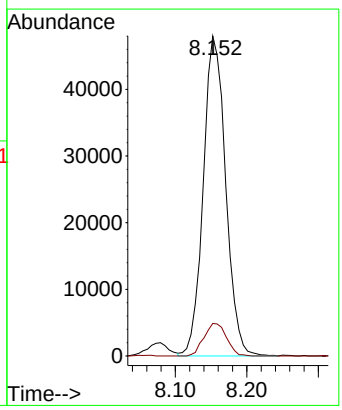
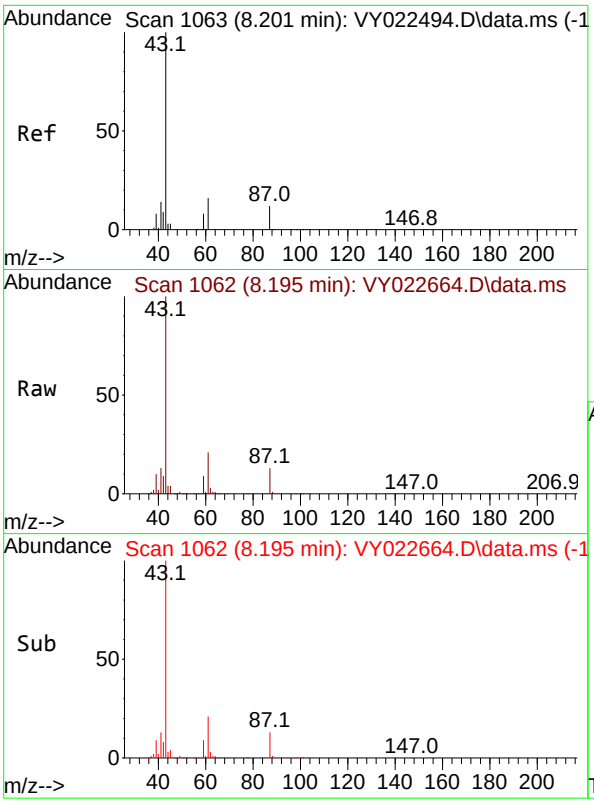


#42
1,2-Dichloroethane
Concen: 46.095 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 62 Resp: 104573

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2

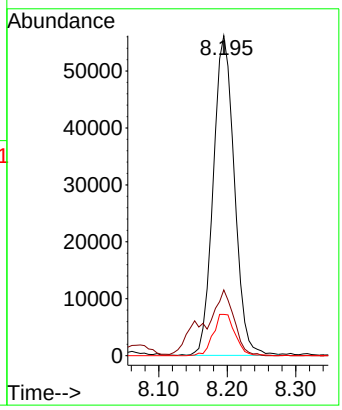




#43
Isopropyl Acetate
Concen: 44.305 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 12003

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.6	23.4
87	13.4	10.2	15.4



Instrument :
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ClientSampleId :
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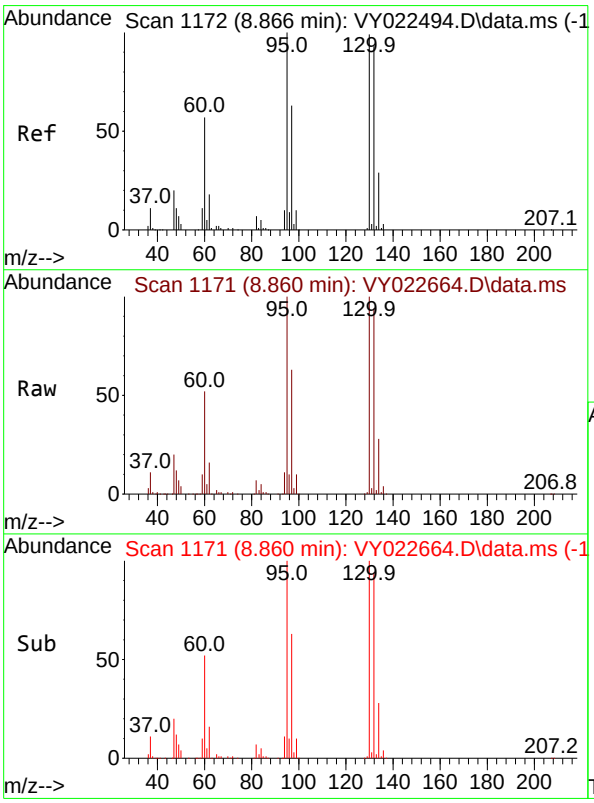
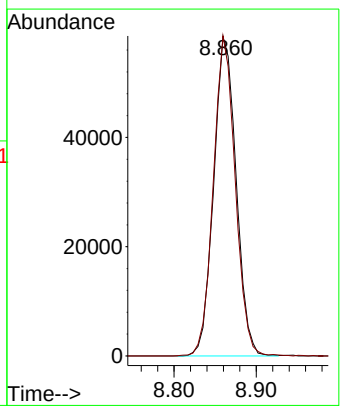
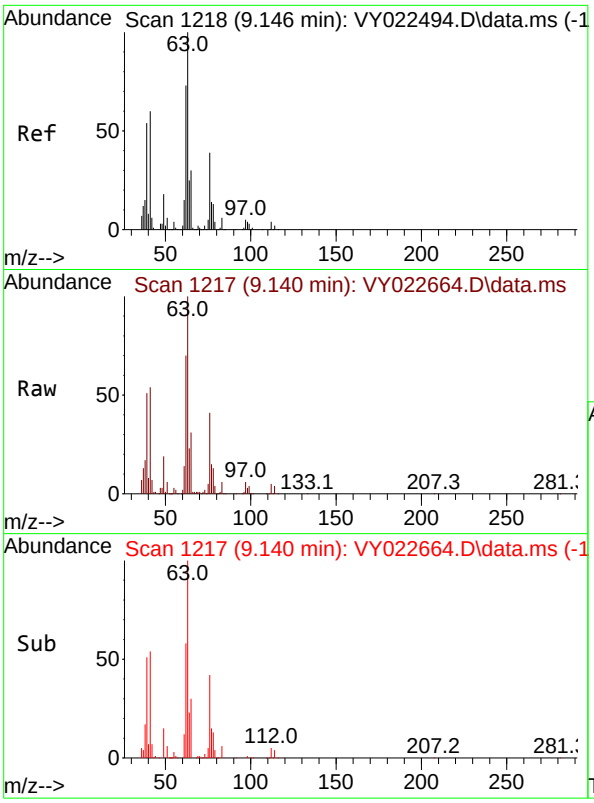


#44
Trichloroethene
Concen: 54.584 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:130 Resp: 110843

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	203.0

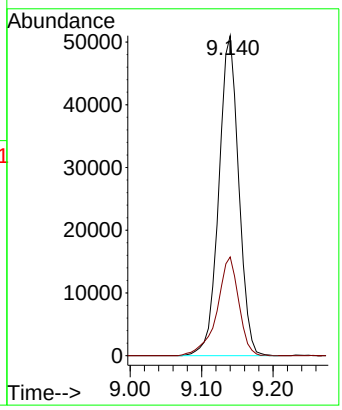




#45
1,2-Dichloropropane
Concen: 50.184 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 63 Resp: 9854

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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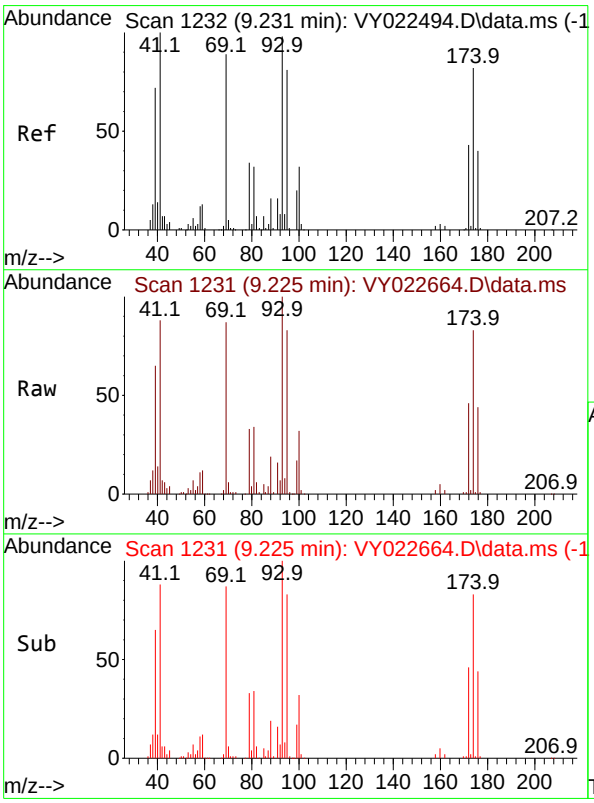
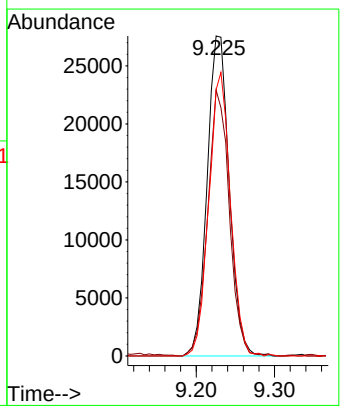
Supervised By :Semsettin Yesilyurt 06/12/2025

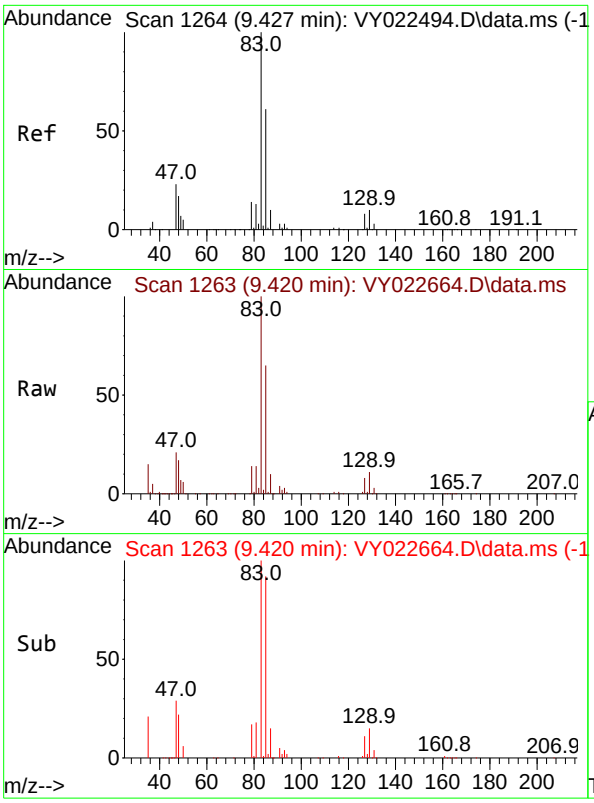


#46
Dibromomethane
Concen: 48.978 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 93 Resp: 54106

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.6	98.4
174	86.6	70.4	105.6

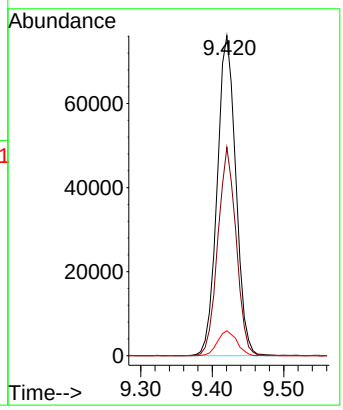




#47
Bromodichloromethane
Concen: 49.246 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 83 Resp: 13794

Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.1	73.7
127	7.8	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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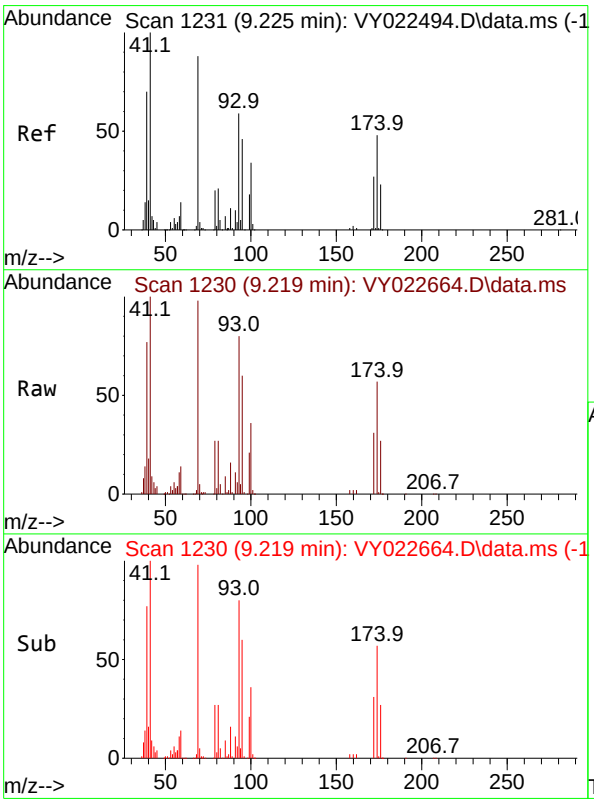
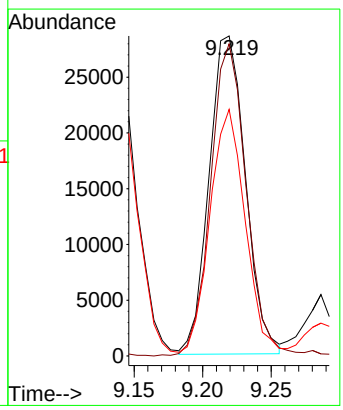
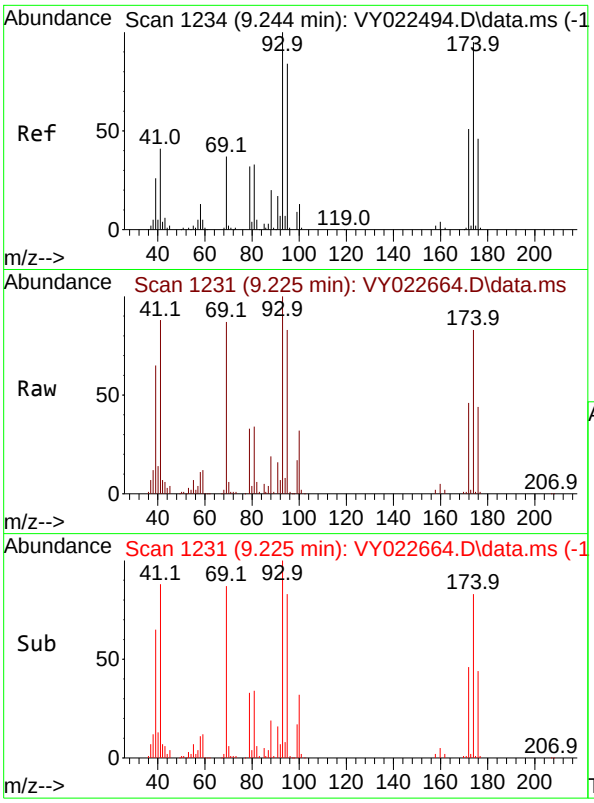


#48
Methyl methacrylate
Concen: 41.507 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 41 Resp: 52779

Ion	Ratio	Lower	Upper
41	100		
69	96.7	67.8	101.8
39	73.4	55.0	82.4





#49
1,4-Dioxane
Concen: 930.584 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 88 Resp: 1217

Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.4	38.2
58	59.2	54.9	82.3

Instrument :
MSVOA_Y
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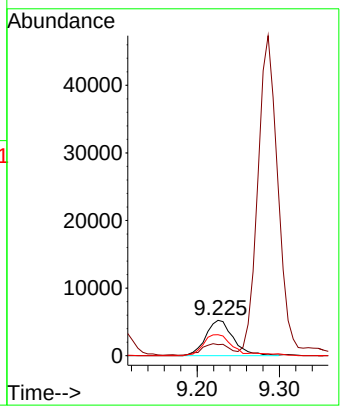
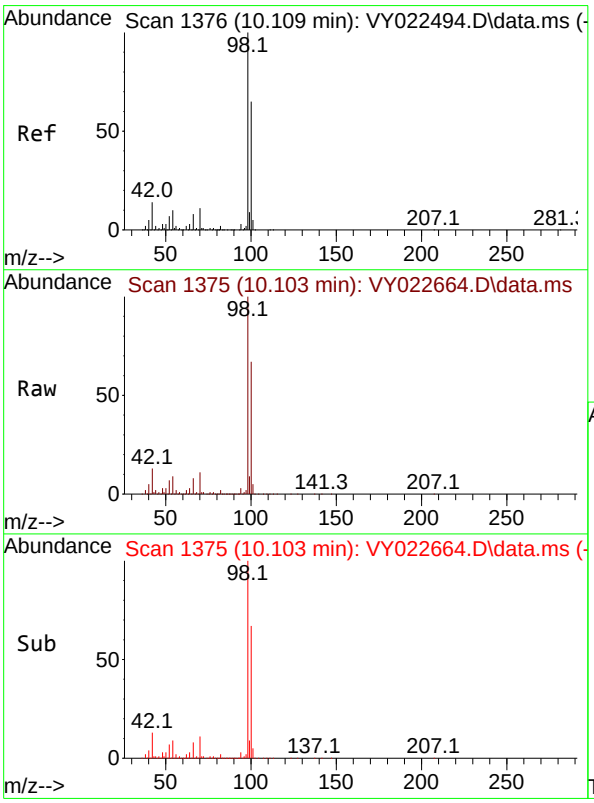
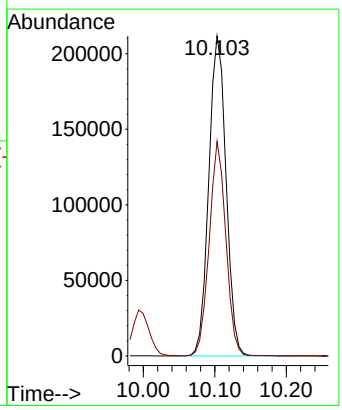


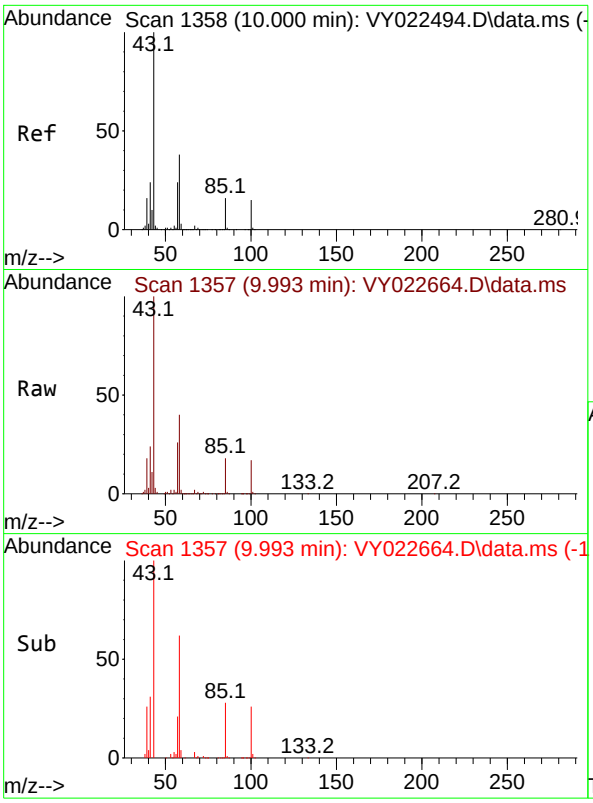


#50
Toluene-d8
Concen: 50.745 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 98 Resp: 355393

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0

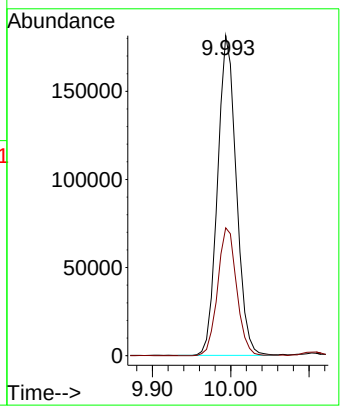




#51
4-Methyl-2-Pentanone
Concen: 223.486 ug/l
RT: 9.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 30188

Ion	Ratio	Lower	Upper
43	100		
58	40.7	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
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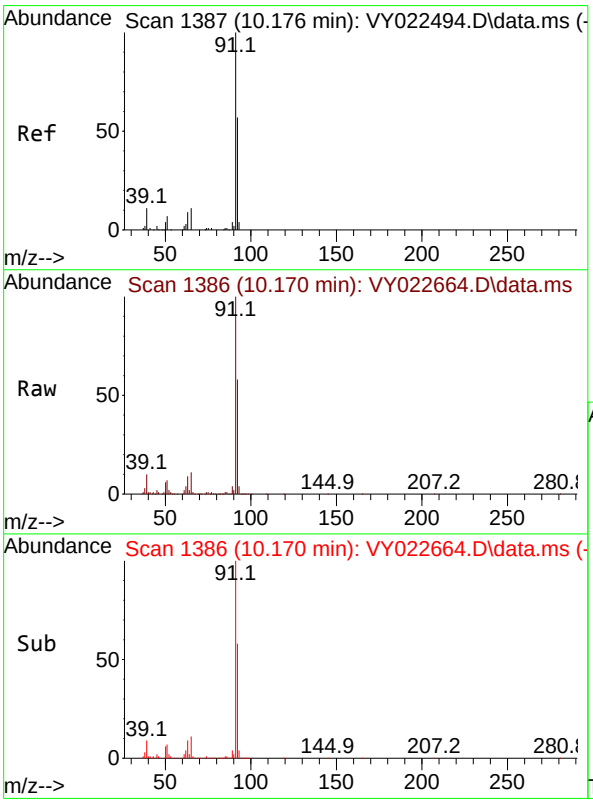
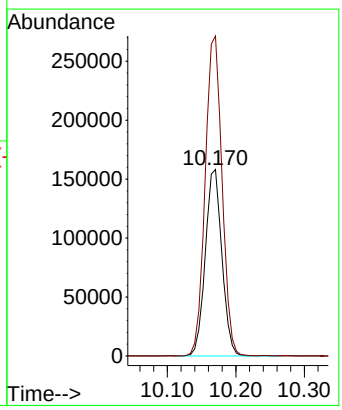
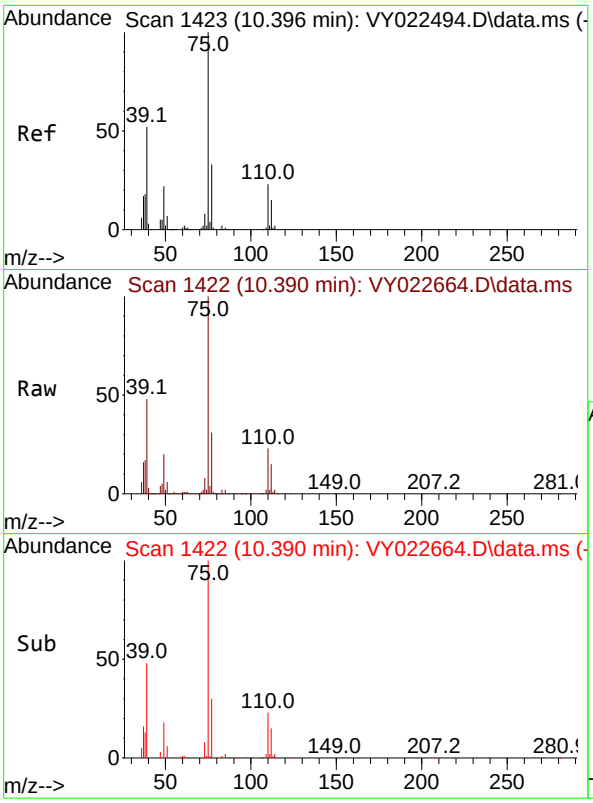


#52
Toluene
Concen: 51.024 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 92 Resp: 266417

Ion	Ratio	Lower	Upper
92	100		
91	174.6	139.0	208.4

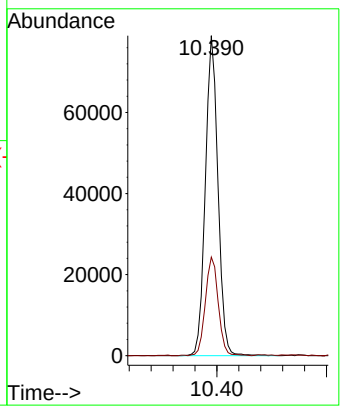




#53
t-1,3-Dichloropropene
Concen: 47.738 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 75 Resp: 12529

Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
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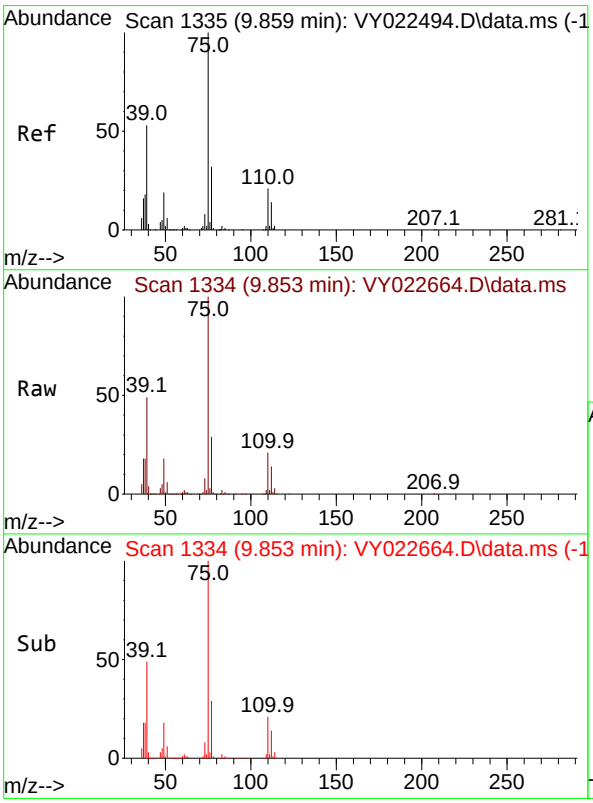
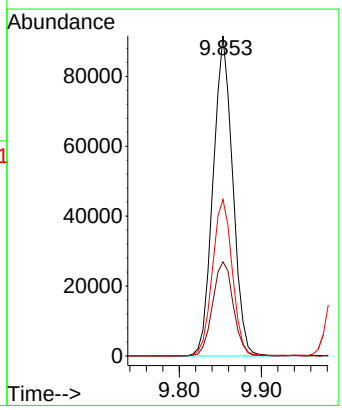
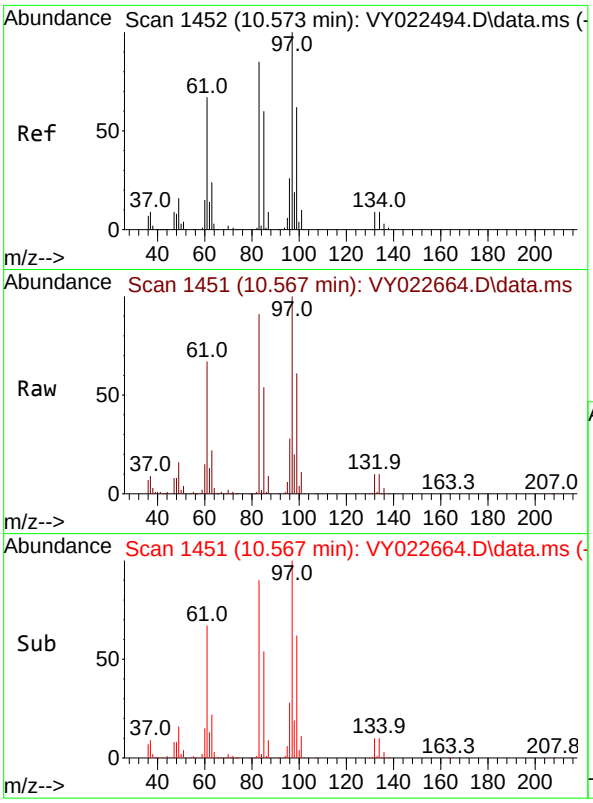


#54
cis-1,3-Dichloropropene
Concen: 49.616 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 75 Resp: 151585

Ion	Ratio	Lower	Upper
75	100		
77	29.4	25.3	37.9
39	48.8	42.7	64.1

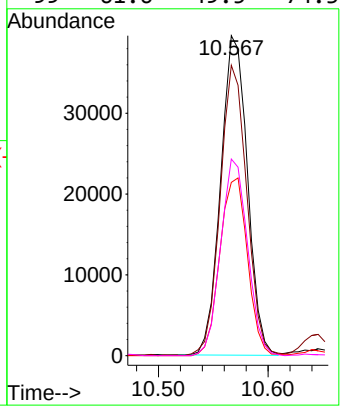




#55
1,1,2-Trichloroethane
Concen: 47.632 ug/l
RT: 10.567 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 97 Resp: 6709

Ion	Ratio	Lower	Upper
97	100		
83	90.8	68.1	102.1
85	54.3	48.2	72.2
99	61.6	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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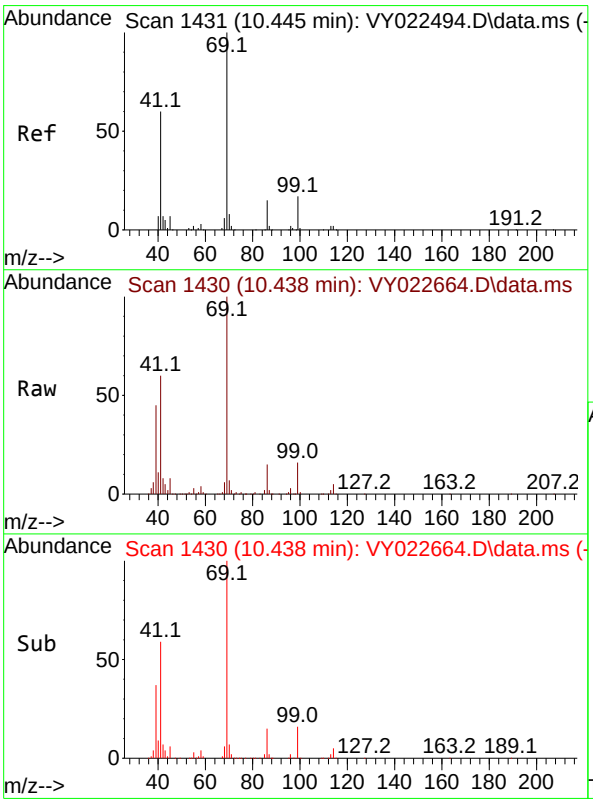
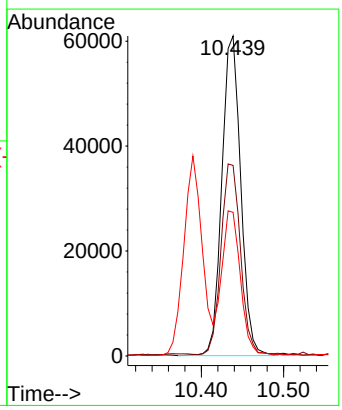
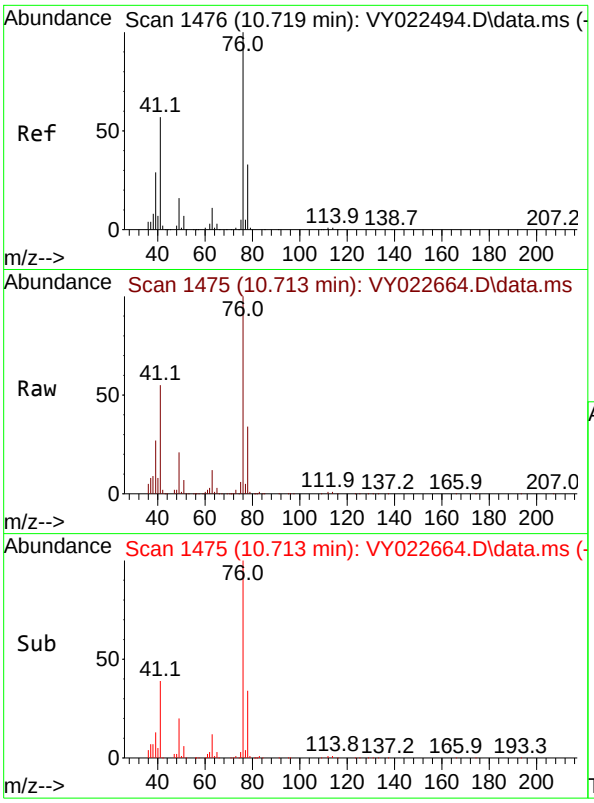


#56
Ethyl methacrylate
Concen: 47.764 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 69 Resp: 97246

Ion	Ratio	Lower	Upper
69	100		
41	61.5	52.2	78.2
39	44.8	36.7	55.1

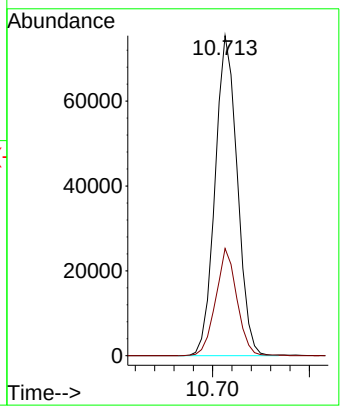




#57
1,3-Dichloropropane
Concen: 48.090 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 76 Resp: 12006

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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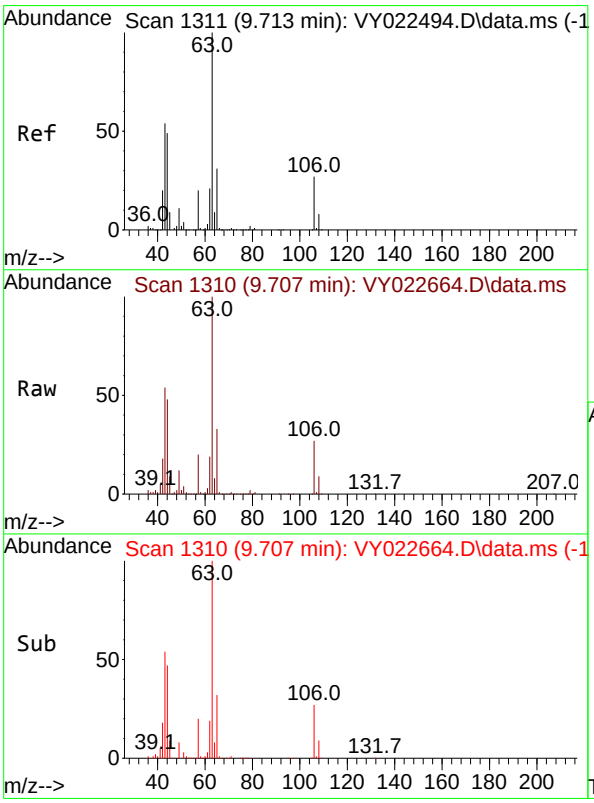
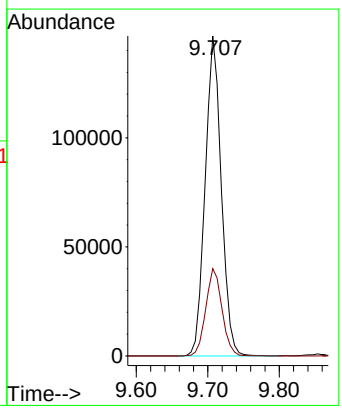
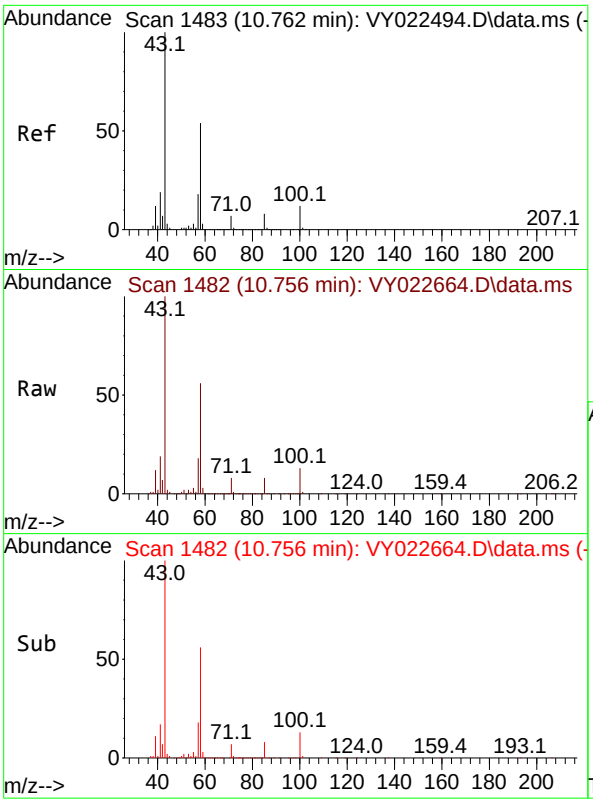


#58
2-Chloroethyl Vinyl ether
Concen: 248.382 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 63 Resp: 229595

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.6	32.4





#59
2-Hexanone
Concen: 224.569 ug/l
RT: 10.756 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 20287

Ion	Ratio	Lower	Upper
43	100		
58	57.3	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
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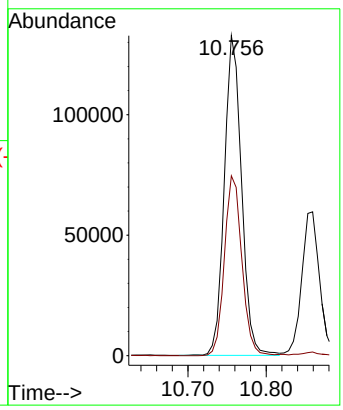
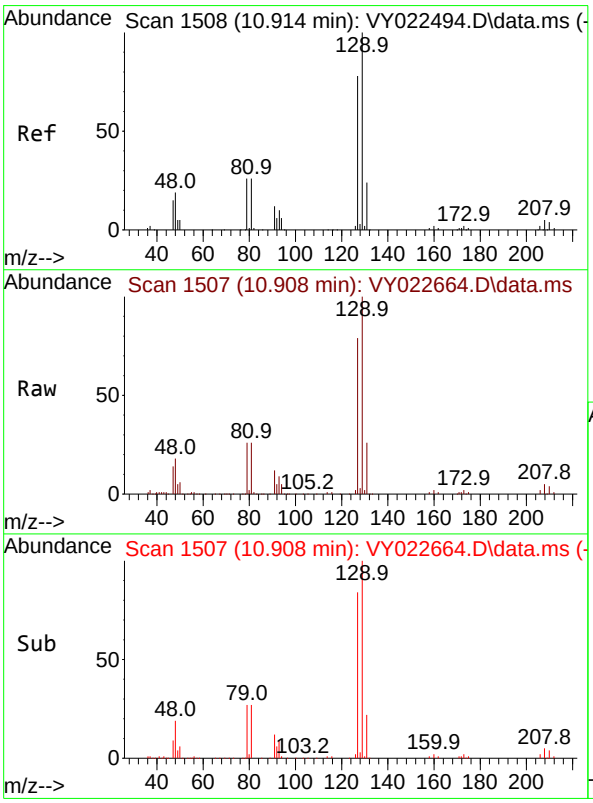
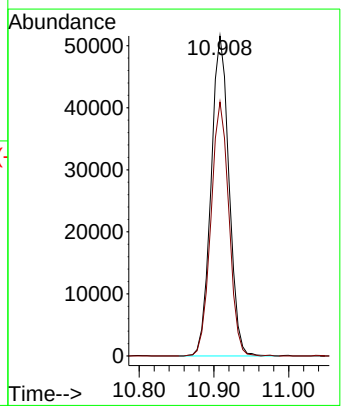


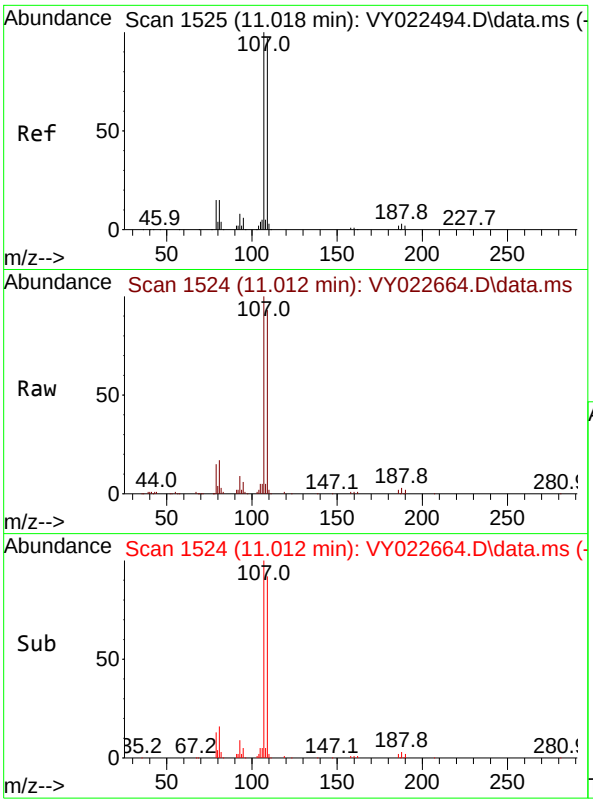


#60
Dibromochloromethane
Concen: 48.149 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:129 Resp: 86194

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.1	117.2

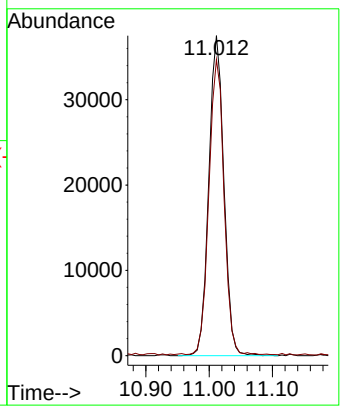




#61
1,2-Dibromoethane
Concen: 48.421 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:107 Resp: 6216

Ion	Ratio	Lower	Upper
107	100		
109	92.2	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
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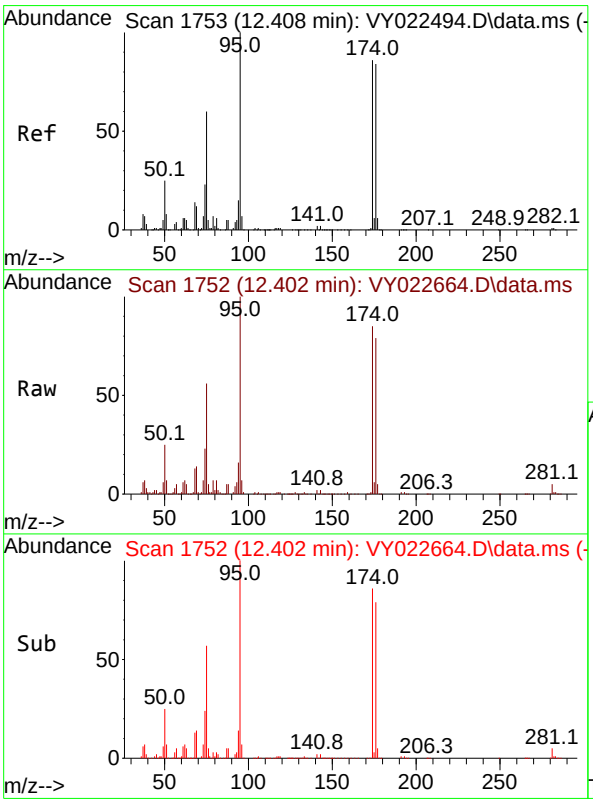
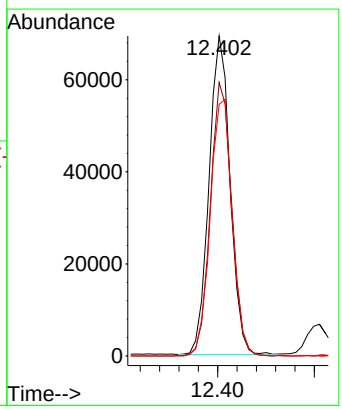
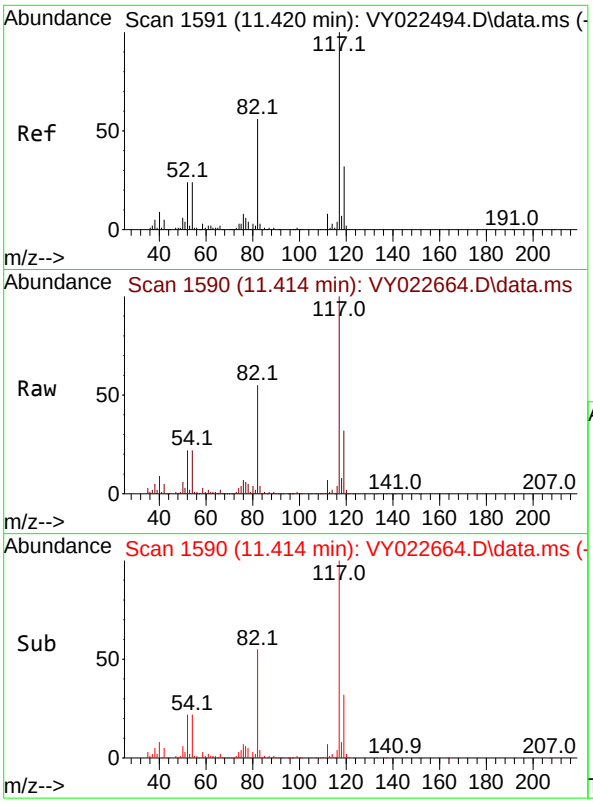


#62
4-Bromofluorobenzene
Concen: 50.044 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 95 Resp: 104426

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	170.0
176	84.4	0.0	166.2

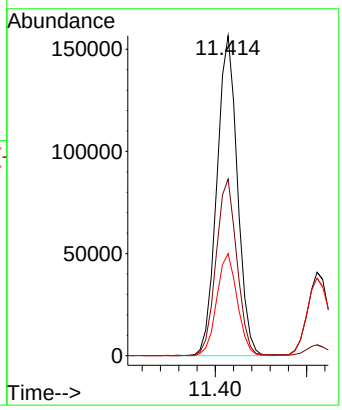




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:117 Resp: 24524

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	31.9	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
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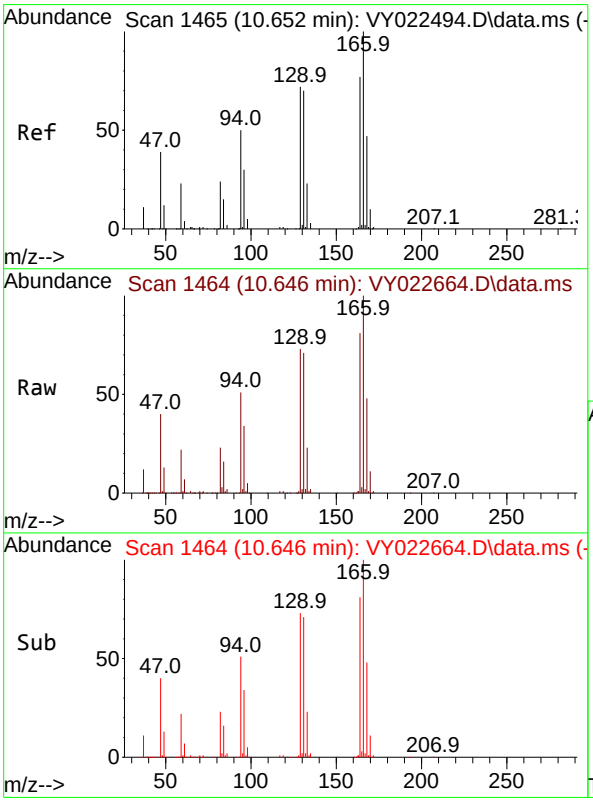
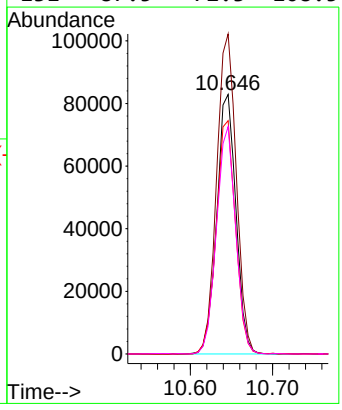
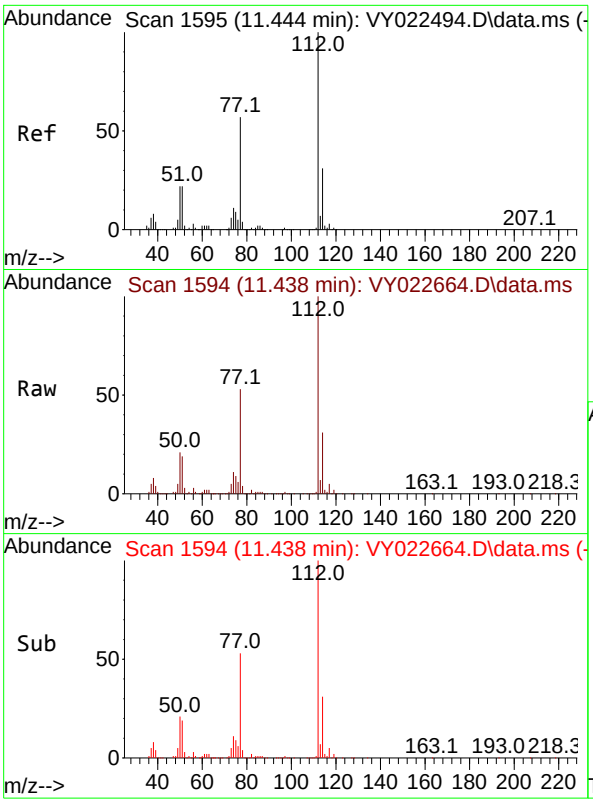


#64
Tetrachloroethene
Concen: 63.928 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:164 Resp: 134865

Ion	Ratio	Lower	Upper
164	100		
166	123.3	104.0	156.0
129	89.9	74.5	111.7
131	87.5	72.3	108.5

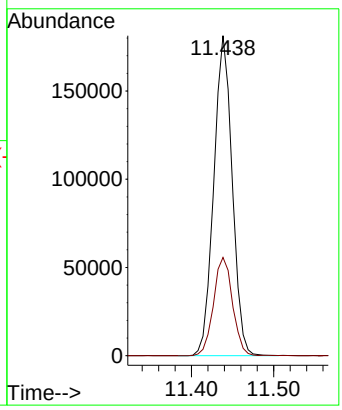




#65
Chlorobenzene
Concen: 51.989 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:112 Resp: 28214

Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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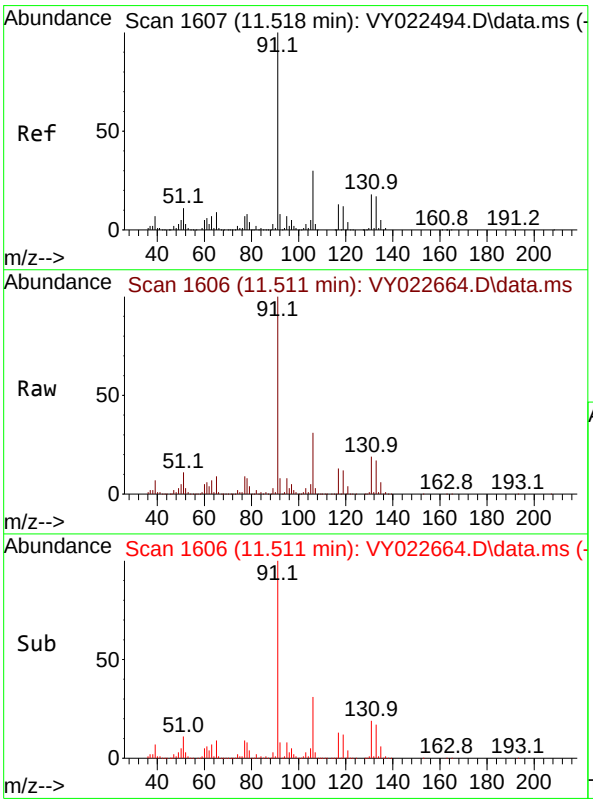
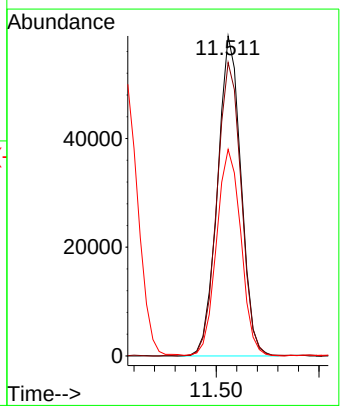
Supervised By :Semsettin Yesilyurt 06/12/2025

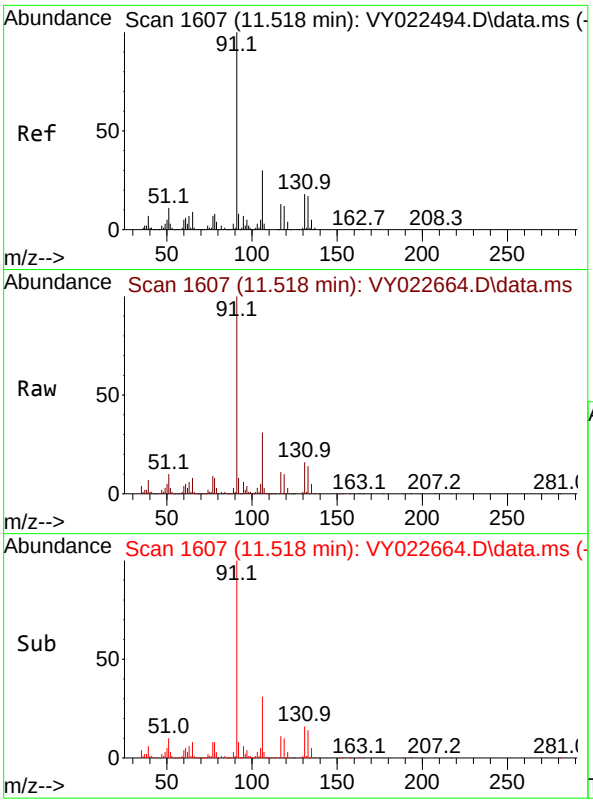


#66
1,1,1,2-Tetrachloroethane
Concen: 51.056 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:131 Resp: 93342

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.3	141.8
119	67.1	33.1	99.3





#67
Ethyl Benzene
Concen: 51.398 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 91 Resp: 51736

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.2	36.4

Instrument :
MSVOA_Y
ClientSampleId :
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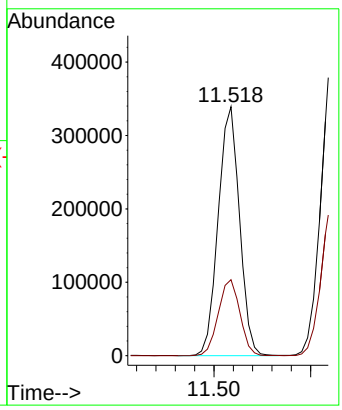
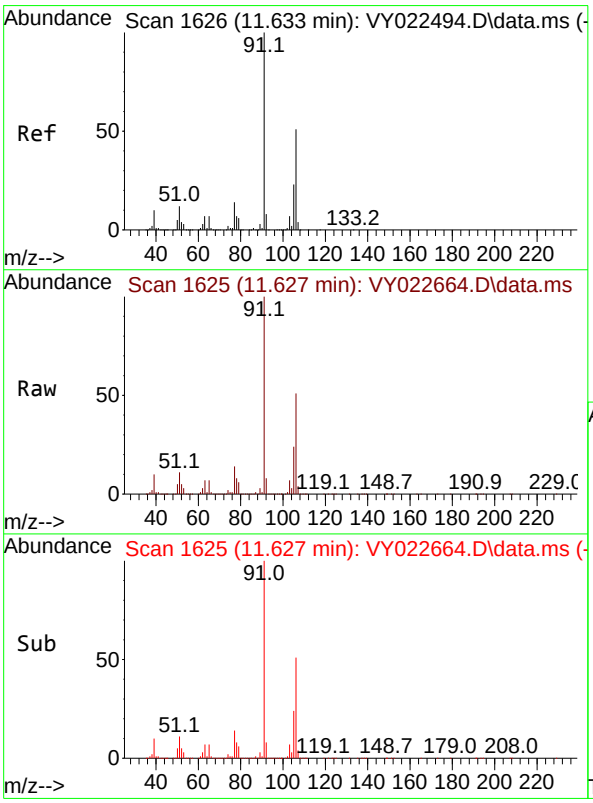
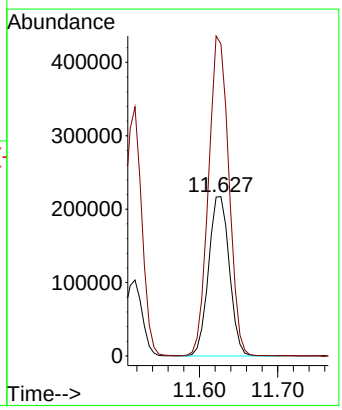


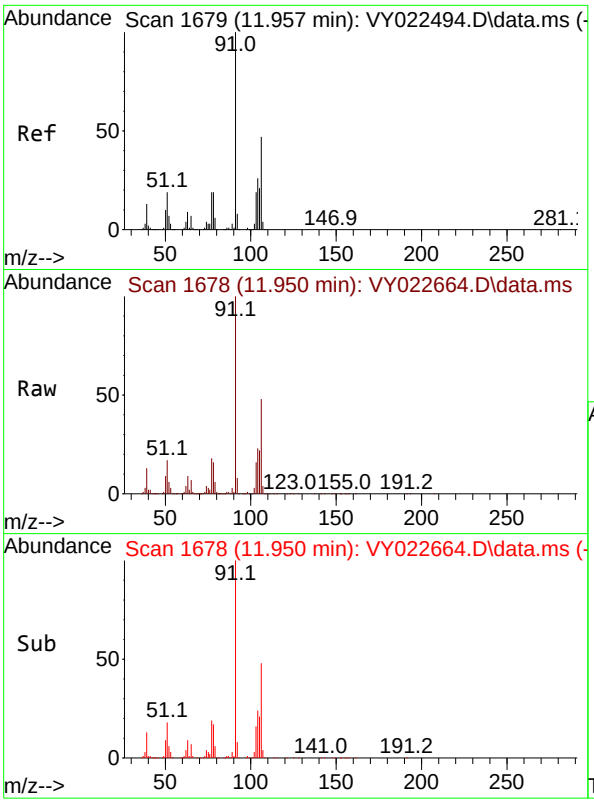


#68
m/p-Xylenes
Concen: 104.498 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:106 Resp: 398753

Ion	Ratio	Lower	Upper
106	100		
91	196.9	159.4	239.0





#69
o-Xylene
Concen: 52.894 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:106 Resp: 18923

Ion	Ratio	Lower	Upper
106	100		
91	206.9	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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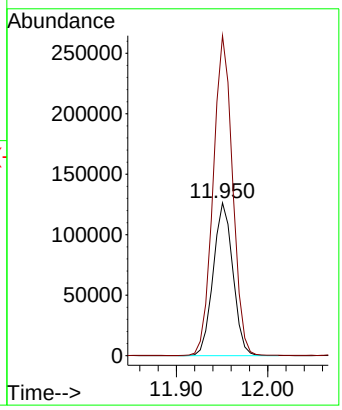
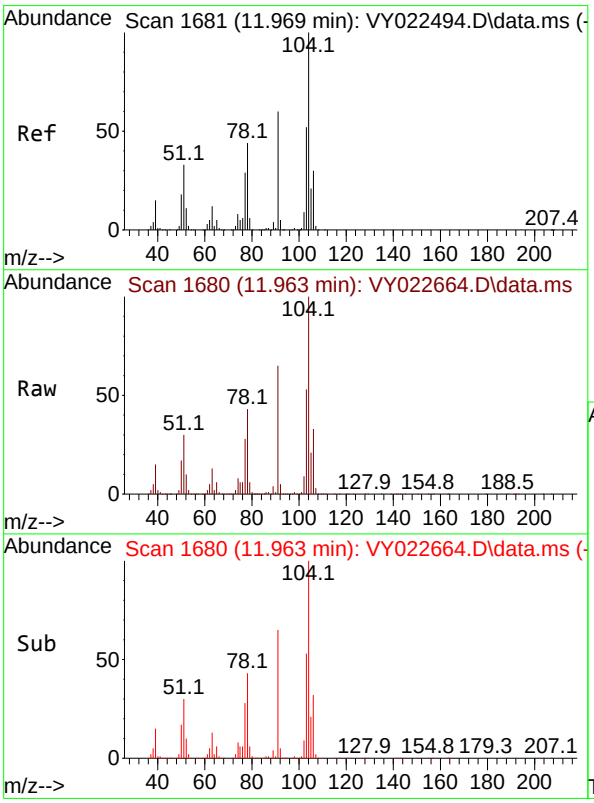
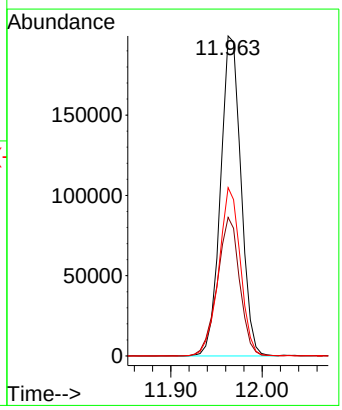


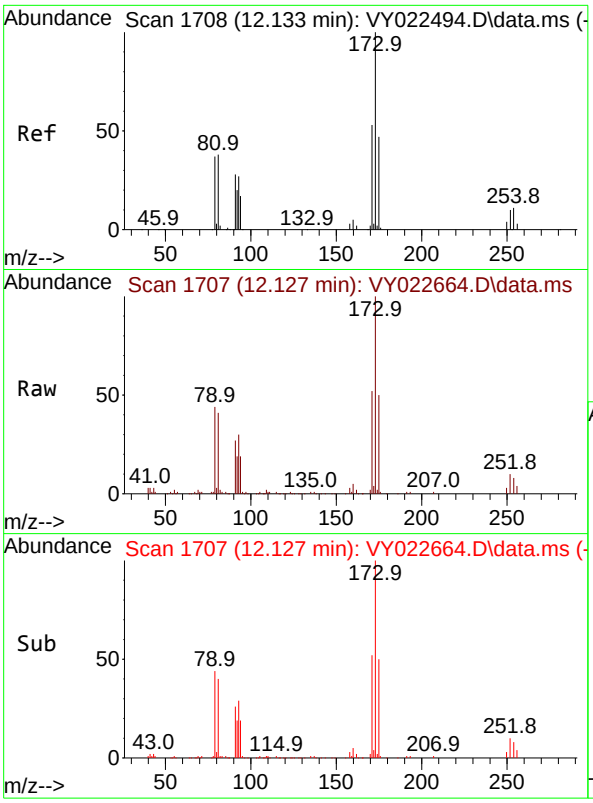


#70
Styrene
Concen: 52.424 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:104 Resp: 310024

Ion	Ratio	Lower	Upper
104	100		
78	47.6	39.5	59.3
103	55.7	44.1	66.1

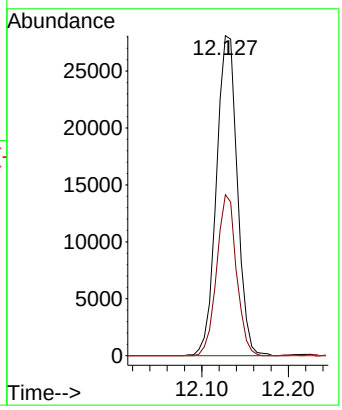




#71
Bromoform
Concen: 48.333 ug/l
RT: 12.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:173 Resp: 4702

Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
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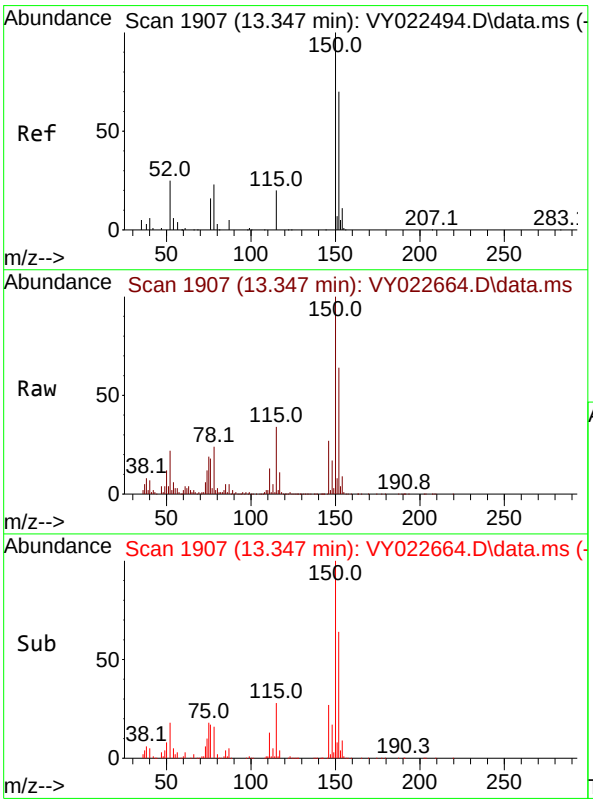
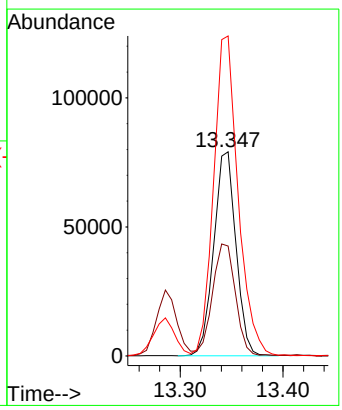
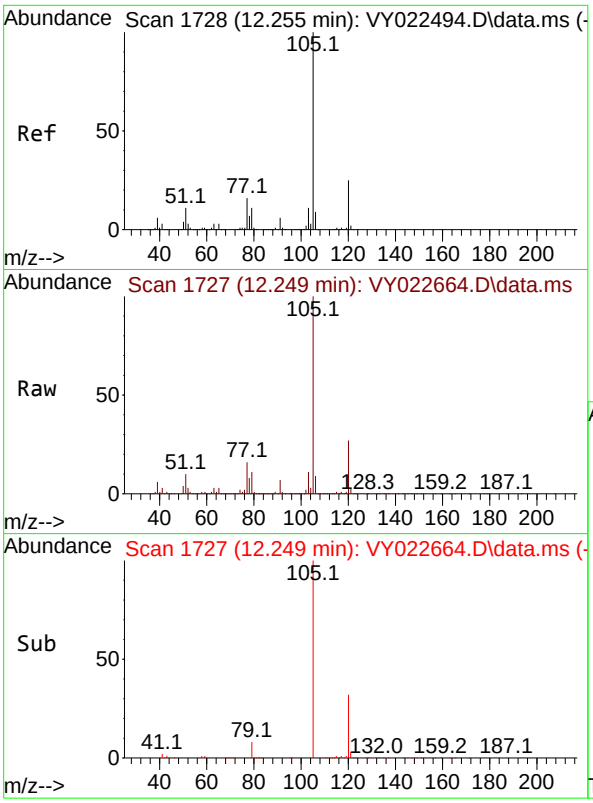


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:152 Resp: 118360

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.9	86.7
150	173.1	0.0	349.6

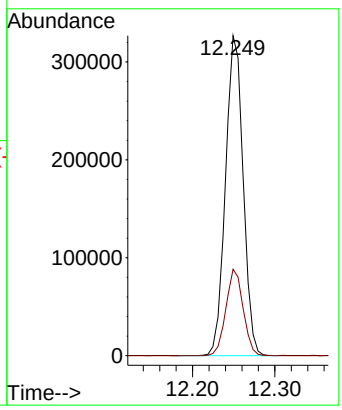




#73
Isopropylbenzene
Concen: 50.210 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:105 Resp: 48791

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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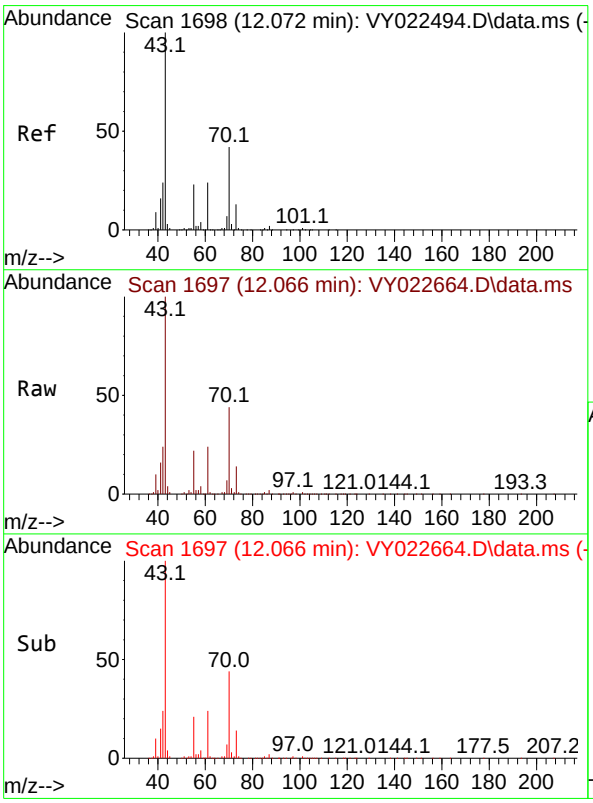
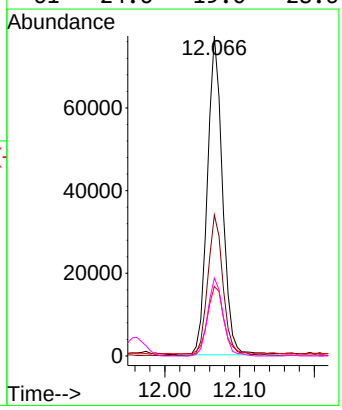
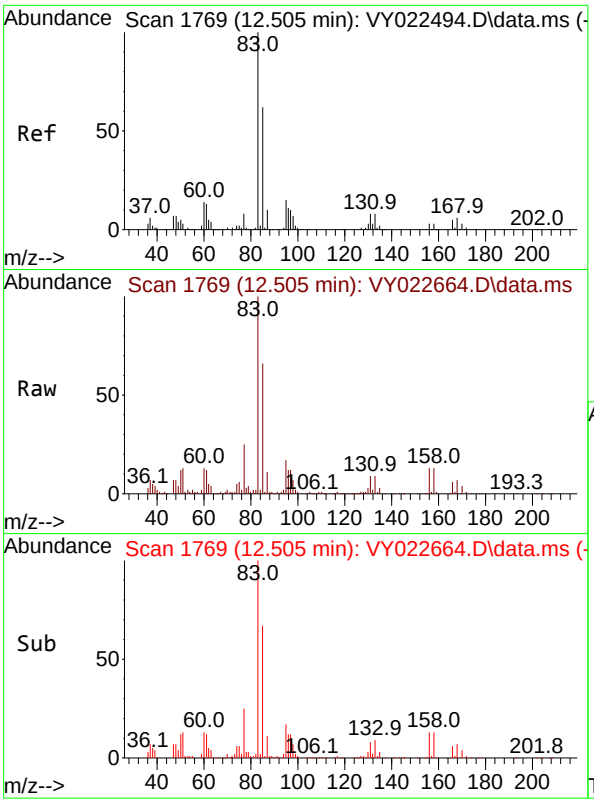


#74
N-amyl acetate
Concen: 44.340 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 108716

Ion	Ratio	Lower	Upper
43	100		
70	45.0	34.2	51.2
55	23.0	18.2	27.4
61	24.6	19.0	28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 38.413 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 83 Resp: 6126

Ion	Ratio	Lower	Upper
83	100		
131	11.0	4.9	14.7
85	64.9	32.6	97.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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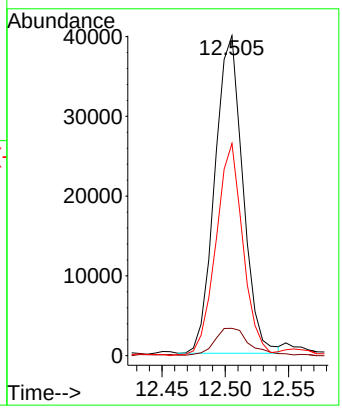
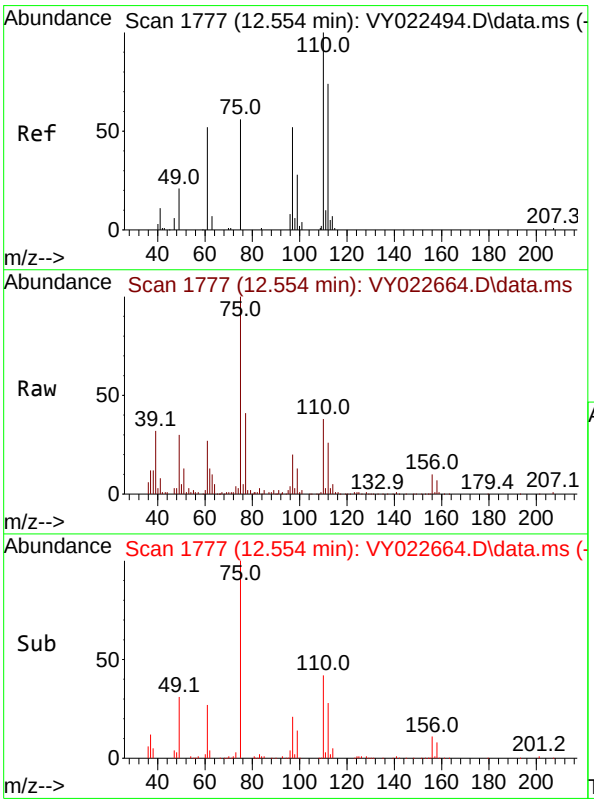
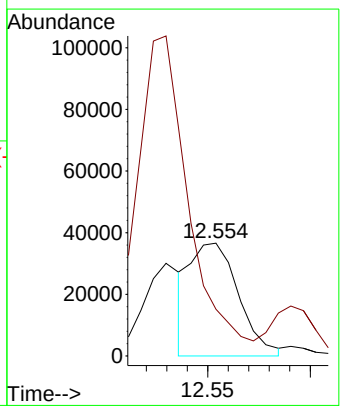


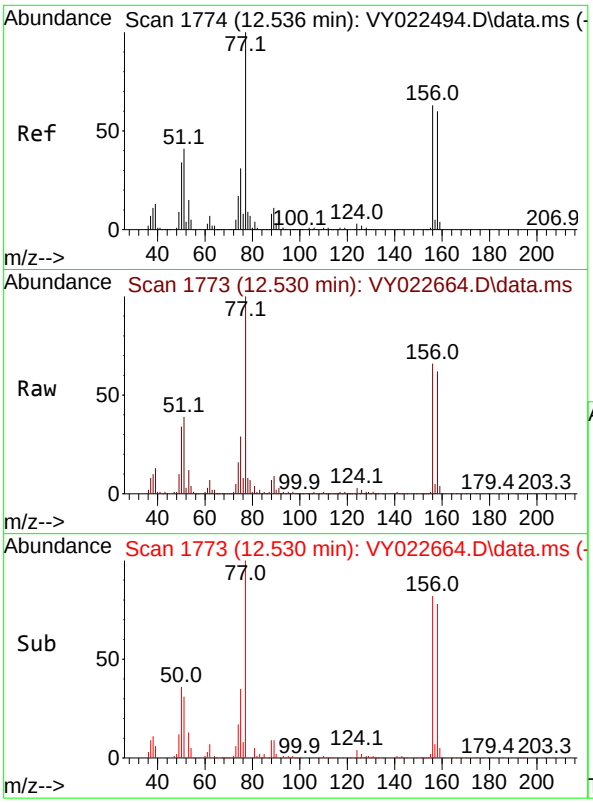


#76
1,2,3-Trichloropropane
Concen: 44.507 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 75 Resp: 60266

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

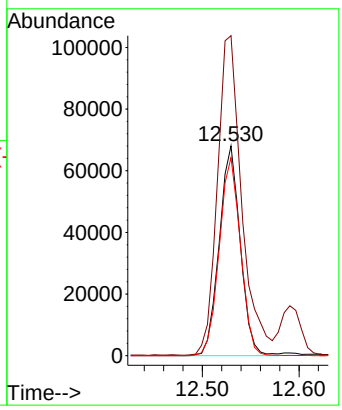




#77
Bromobenzene
Concen: 50.011 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:156 Resp: 10255

Ion	Ratio	Lower	Upper
156	100		
77	176.5	94.0	282.1
158	95.4	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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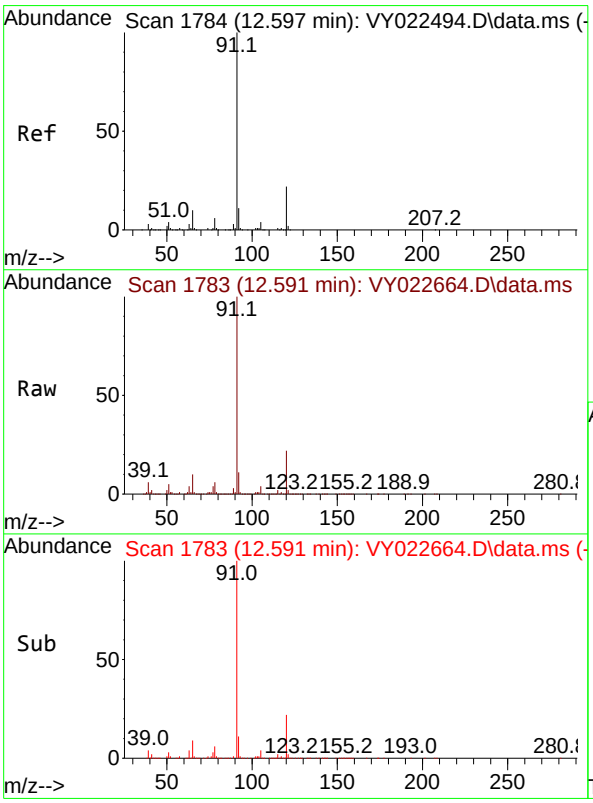
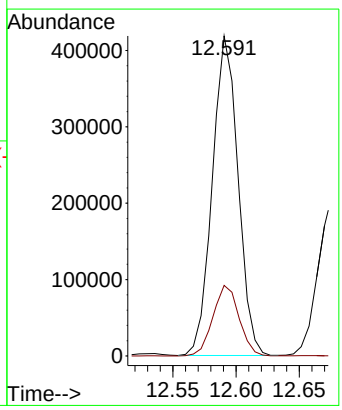
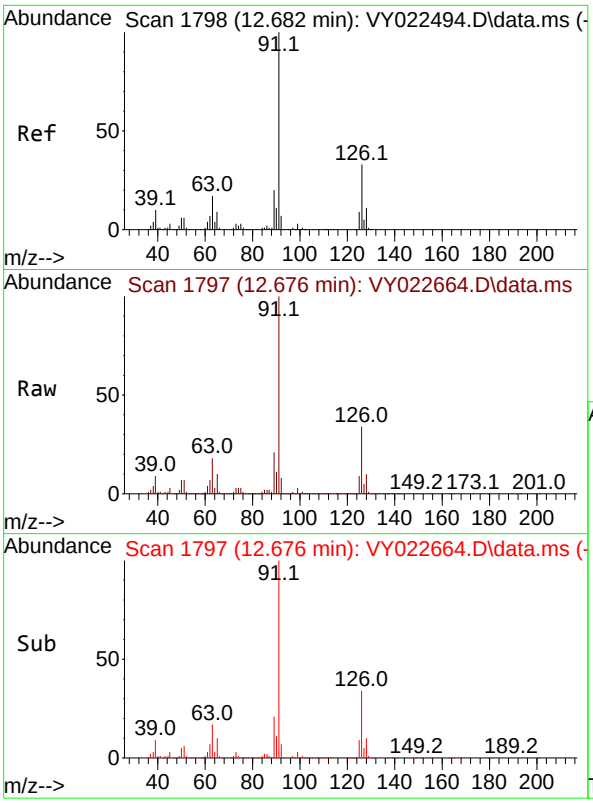


#78
n-propylbenzene
Concen: 49.873 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 91 Resp: 591928

Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.8	32.4

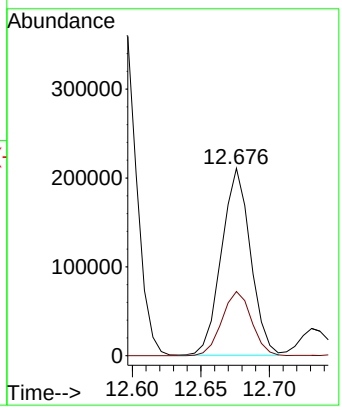




#79
2-Chlorotoluene
Concen: 49.256 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 91 Resp: 30984

Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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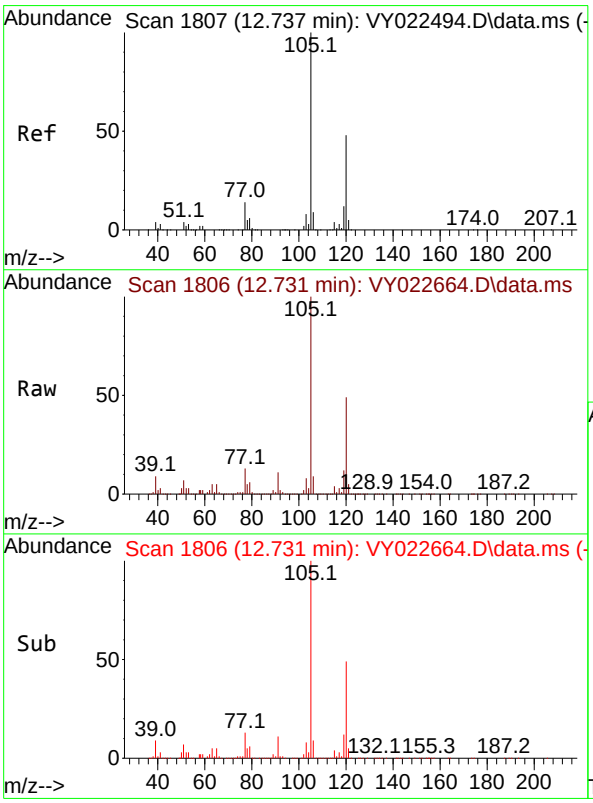
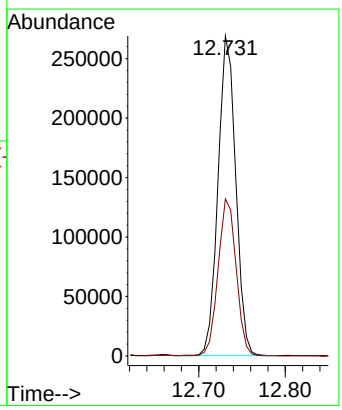
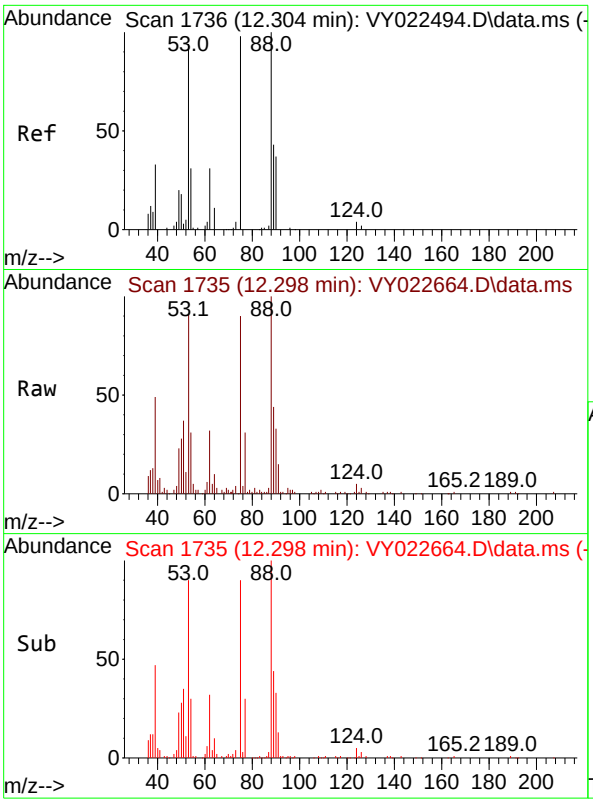


#80
1,3,5-Trimethylbenzene
Concen: 50.055 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:105 Resp: 381869

Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.1	72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 41.290 ug/l
RT: 12.298 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 75 Resp: 2315

Ion	Ratio	Lower	Upper
75	100		
53	96.2	78.5	117.7
89	43.2	35.7	53.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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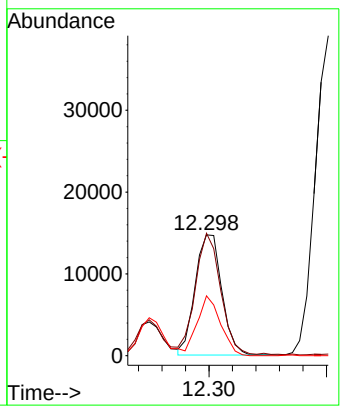
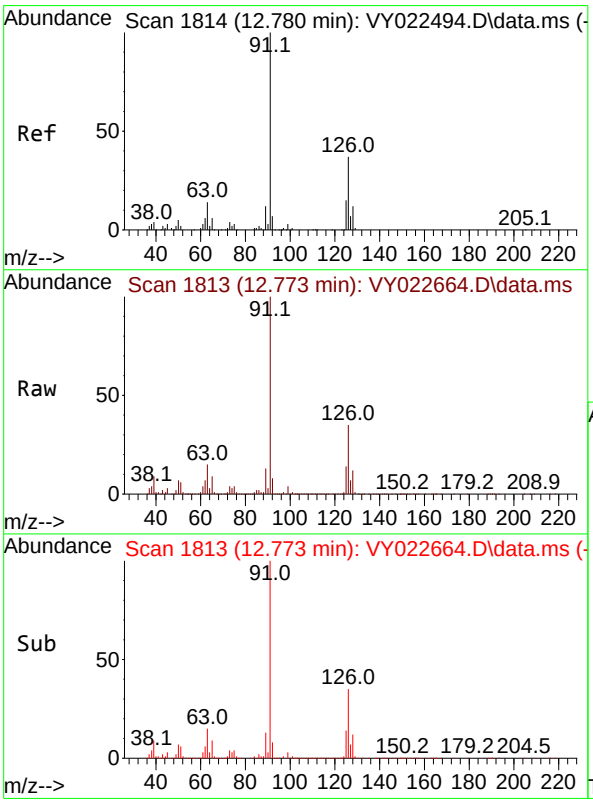
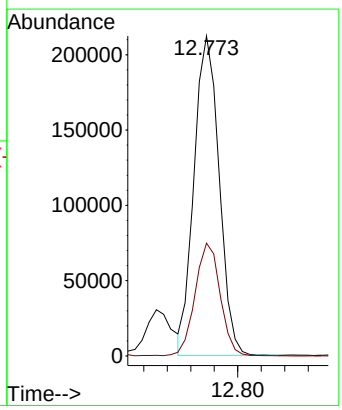


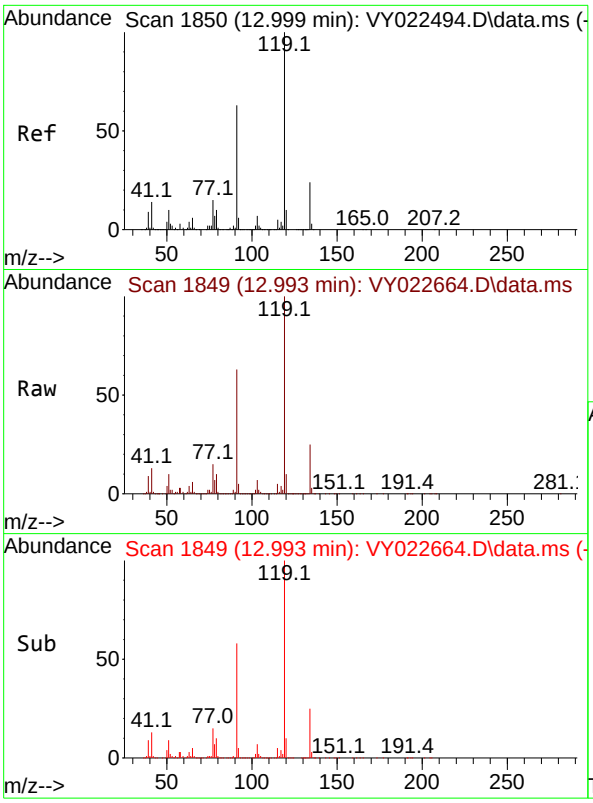


#82
4-Chlorotoluene
Concen: 48.391 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 91 Resp: 314019

Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.0	50.9

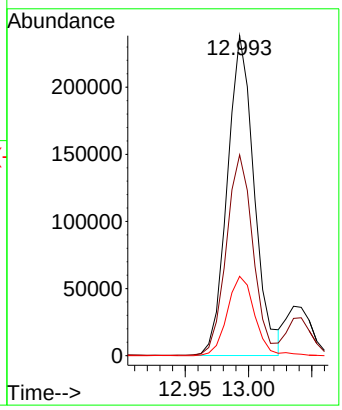




#83
tert-Butylbenzene
Concen: 51.390 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:119 Resp: 3518

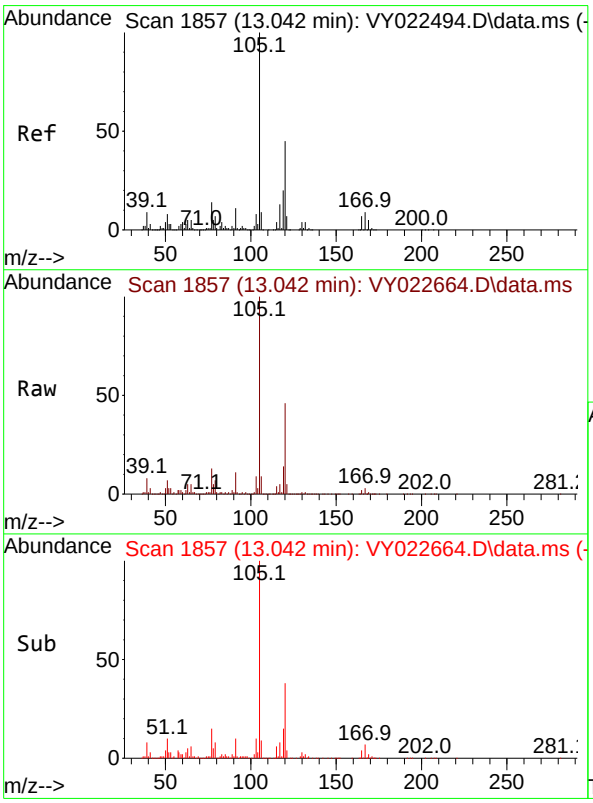
Ion	Ratio	Lower	Upper
119	100		
91	62.7	32.1	96.3
134	25.5	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

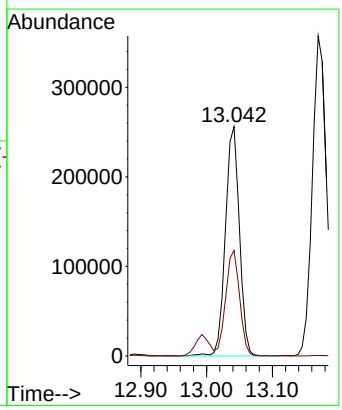
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

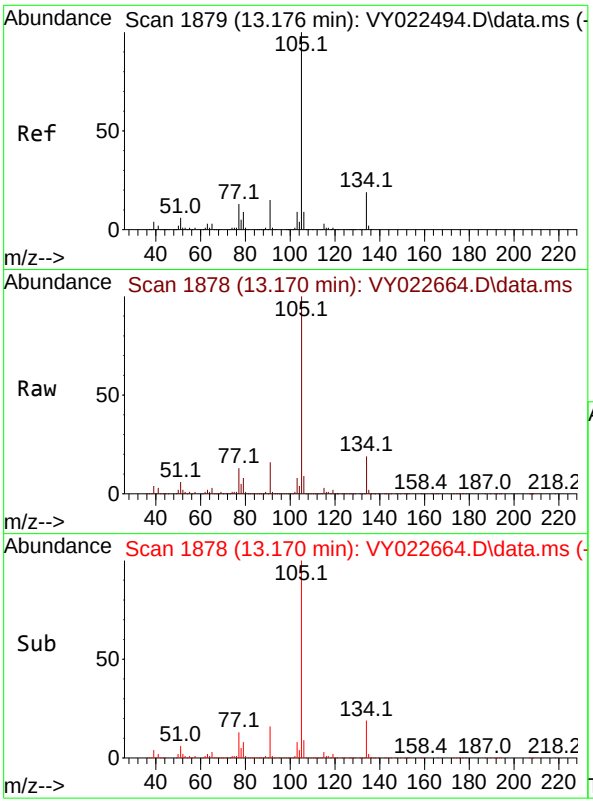


#84
1,2,4-Trimethylbenzene
Concen: 49.775 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:105 Resp: 379800

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.1

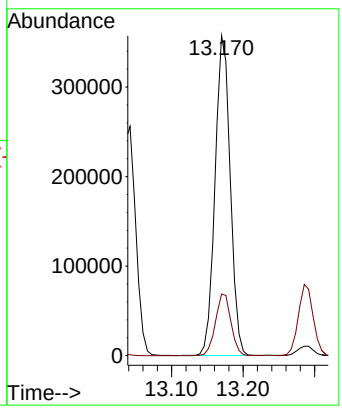




#85
sec-Butylbenzene
Concen: 50.277 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:105 Resp: 52723

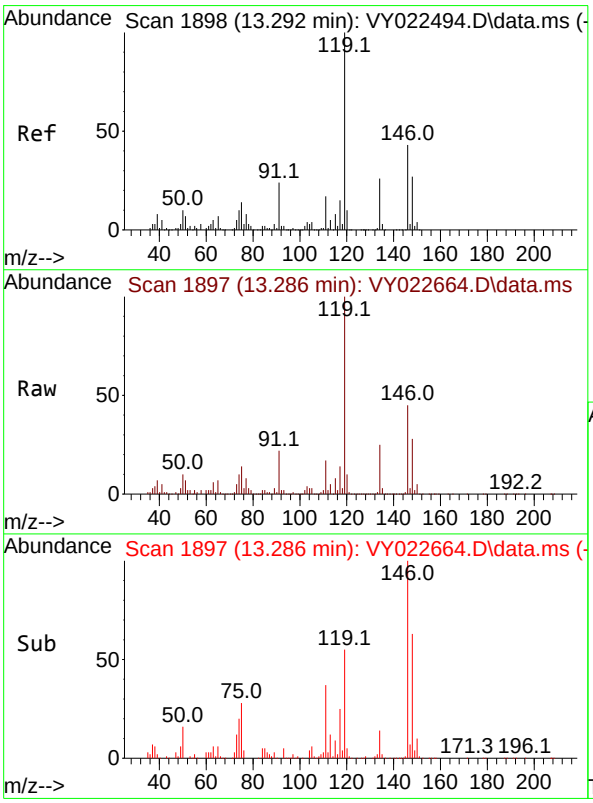
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

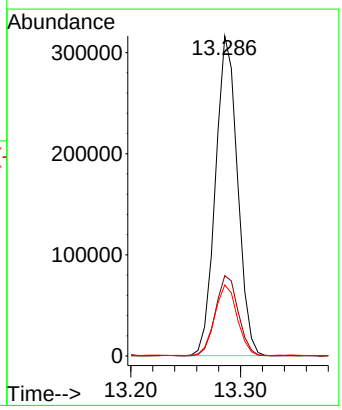
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

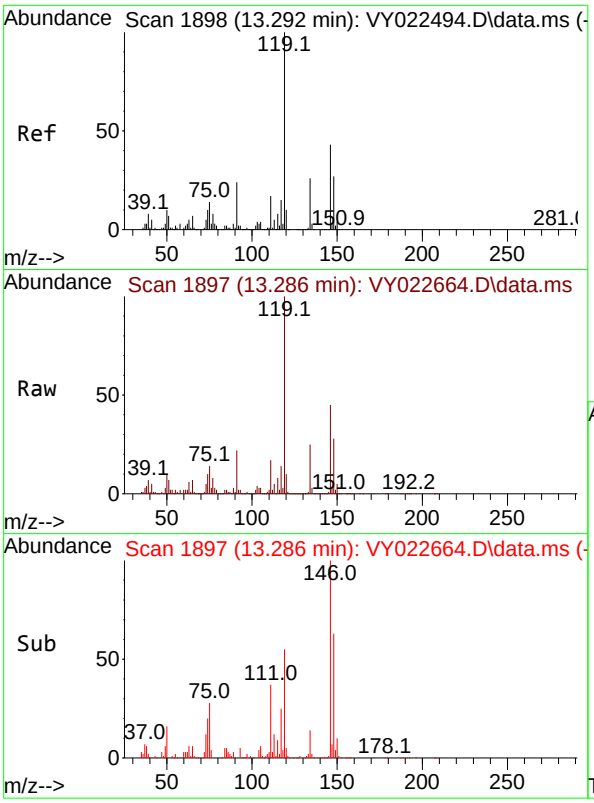


#86
p-Isopropyltoluene
Concen: 51.086 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:119 Resp: 441582

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	22.6	11.6	34.8

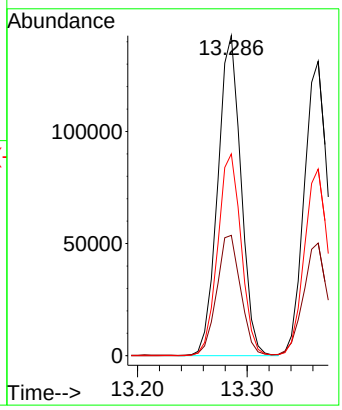




#87
1,3-Dichlorobenzene
Concen: 50.570 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:146 Resp: 21010

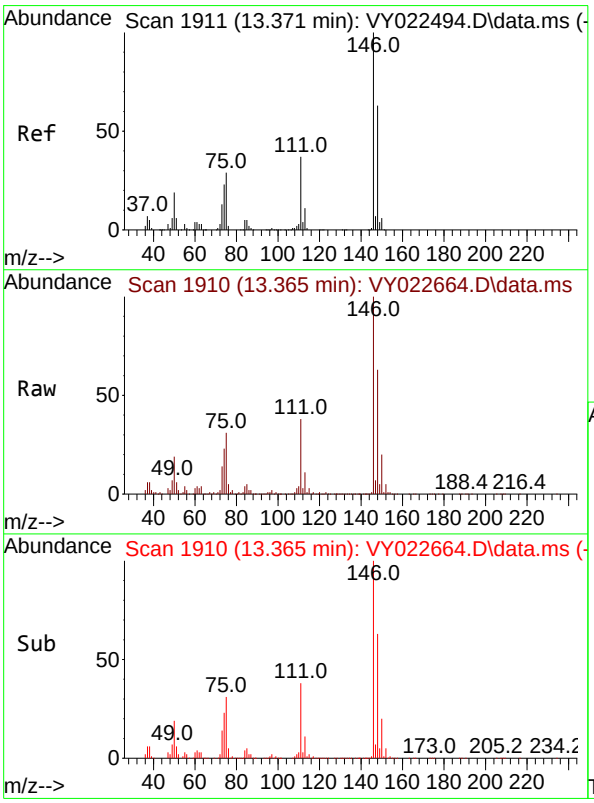
Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	63.8	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

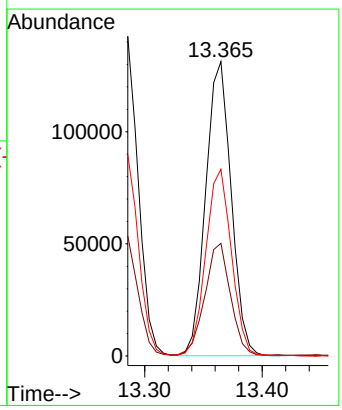
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

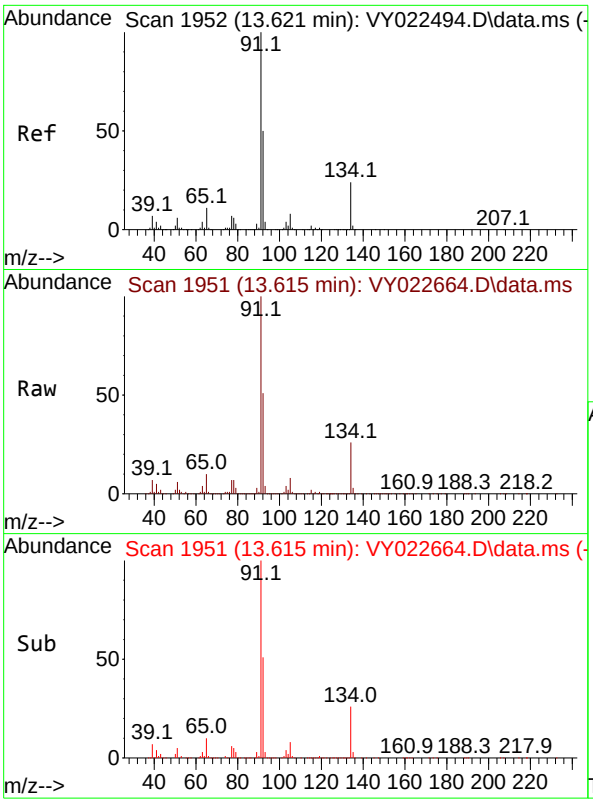


#88
1,4-Dichlorobenzene
Concen: 49.053 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:146 Resp: 197667

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.2
148	64.2	31.6	94.8

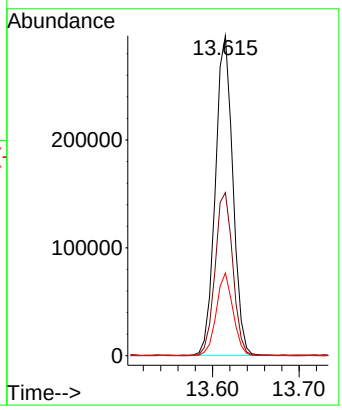




#89
n-Butylbenzene
Concen: 50.596 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 91 Resp: 41493

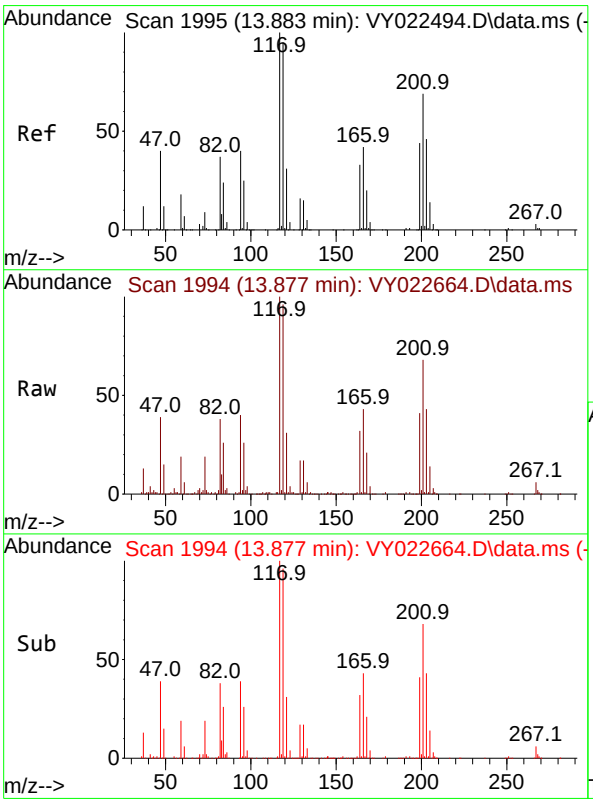
Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	24.9	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

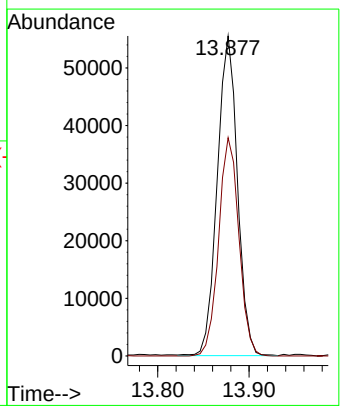
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

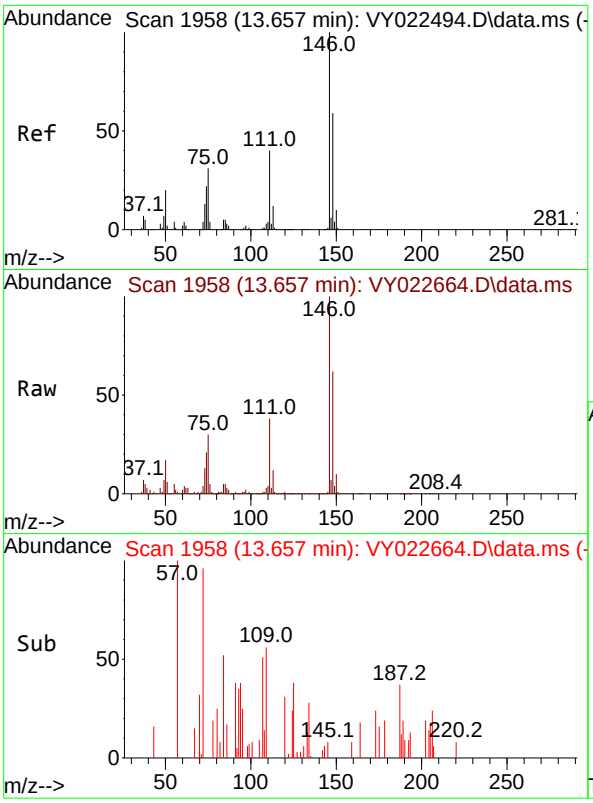


#90
Hexachloroethane
Concen: 50.740 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:117 Resp: 85386

Ion	Ratio	Lower	Upper
117	100		
201	68.4	34.0	102.0

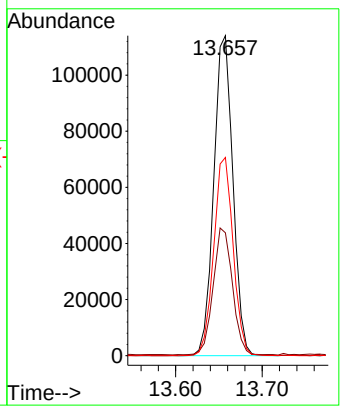




#91
1,2-Dichlorobenzene
Concen: 49.555 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:146 Resp: 17480

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.2	60.6
148	63.1	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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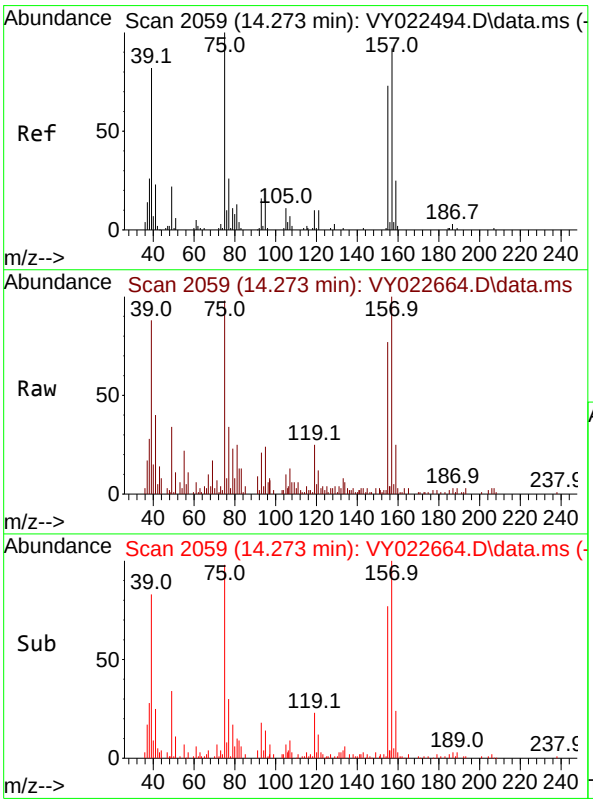
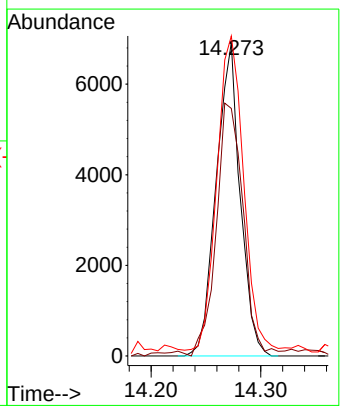
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

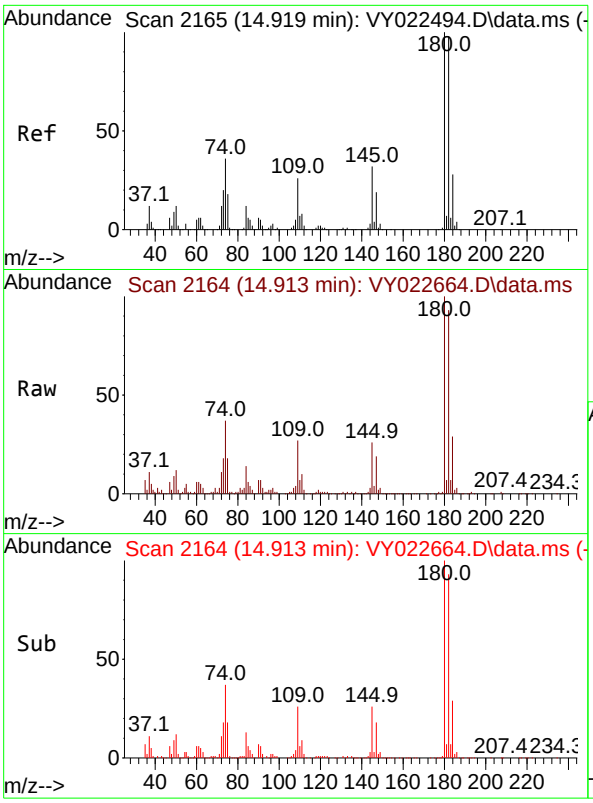


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.142 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 75 Resp: 10482

Ion	Ratio	Lower	Upper
75	100		
155	88.5	39.9	119.6
157	111.3	54.0	162.0

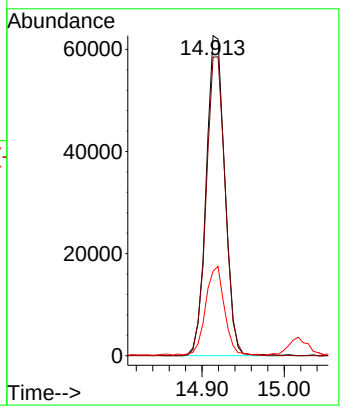




#93
1,2,4-Trichlorobenzene
Concen: 51.112 ug/l
RT: 14.913 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:180 Resp: 9833

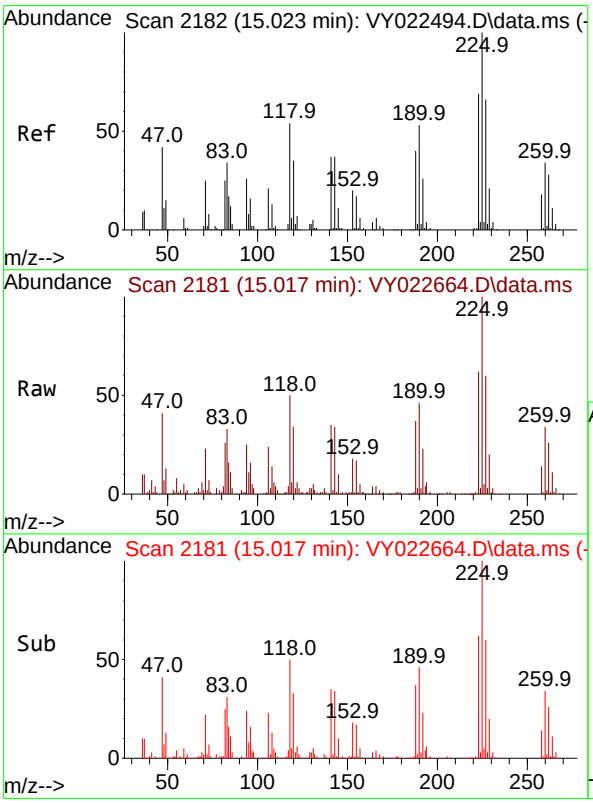
Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.4	145.3
145	28.2	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

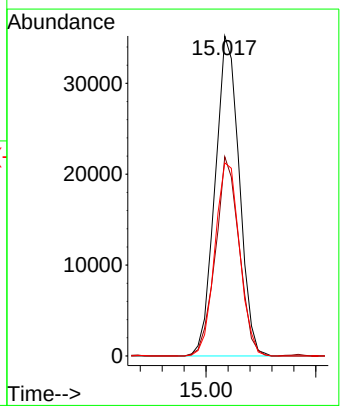
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

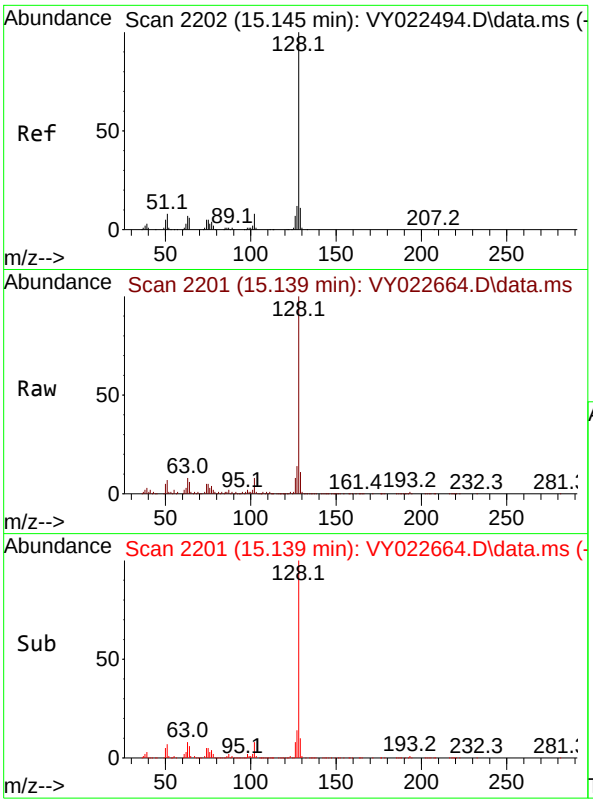


#94
Hexachlorobutadiene
Concen: 50.664 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:225 Resp: 53797

Ion	Ratio	Lower	Upper
225	100		
223	61.0	32.5	97.4
227	61.9	32.3	96.9

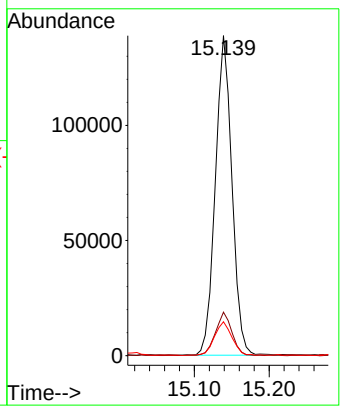




#95
Naphthalene
Concen: 58.089 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:128 Resp: 21446

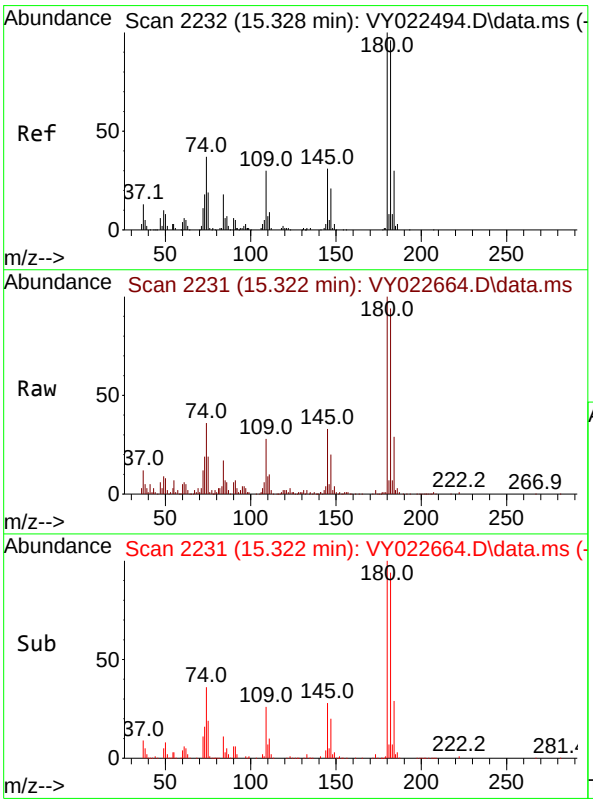
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

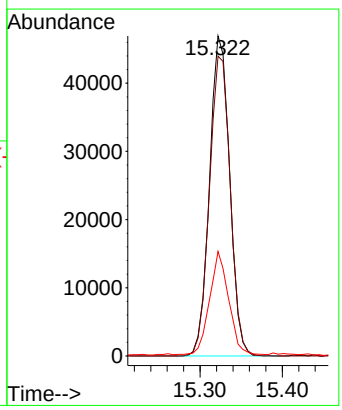
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.472 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:180 Resp: 79920

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.1	141.3
145	30.4	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	83	0.00
2	T	Dichlorodifluoromethane	0.448	0.384	14.3	77	0.00
3	P	Chloromethane	1.322	1.072	18.9	72	0.00
4	C	Vinyl Chloride	1.534	1.698	-10.7#	94	0.00
5	T	Bromomethane	1.470	1.259	14.4	84	-0.01
6	T	Chloroethane	1.053	1.192	-13.2	103	-0.01
7	T	Trichlorofluoromethane	1.302	1.495	-14.8	102	-0.01
8	T	Diethyl Ether	0.293	0.263	10.2	75	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.549	0.521	5.1	81	-0.01
10	T	Methyl Iodide	0.594	0.606	-2.0	78	0.00
11	T	Tert butyl alcohol	0.040	0.036	10.0	77	-0.03
12	CM	1,1-Dichloroethene	0.524	0.523	0.2#	84	-0.02
13	T	Acrolein	0.050	0.020	60.0#	34#	-0.02
14	T	Allyl chloride	0.823	0.726	11.8	75	-0.01
15	T	Acrylonitrile	0.124	0.109	12.1	72	-0.01
16	T	Acetone	0.114	0.101	11.4	73	-0.02
17	T	Carbon Disulfide	1.679	1.519	9.5	76	-0.01
18	T	Methyl Acetate	0.336	0.304	9.5	76	-0.02
19	T	Methyl tert-butyl Ether	1.477	1.369	7.3	77	-0.02
20	T	Methylene Chloride	0.645	0.580	10.1	84	-0.02
21	T	trans-1,2-Dichloroethene	0.587	0.570	2.9	83	-0.01
22	T	Diisopropyl ether	1.832	1.663	9.2	76	-0.01
23	T	Vinyl Acetate	1.084	0.913	15.8	70	-0.01
24	P	1,1-Dichloroethane	1.079	1.064	1.4	83	-0.01
25	T	2-Butanone	0.164	0.143	12.8	71	-0.01
26	T	2,2-Dichloropropane	0.954	0.959	-0.5	84	0.00
27	T	cis-1,2-Dichloroethene	0.678	0.684	-0.9	83	-0.01
28	T	Bromochloromethane	0.471	0.420	10.8	77	0.00
29	T	Tetrahydrofuran	0.106	0.089	16.0	71	-0.01
30	C	Chloroform	1.069	1.074	-0.5#	84	-0.01
31	T	Cyclohexane	1.075	0.915	14.9	75	-0.01
32	T	1,1,1-Trichloroethane	0.949	0.953	-0.4	84	-0.01
33	S	1,2-Dichloroethane-d4	0.559	0.505	9.7	71	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35	S	Dibromofluoromethane	0.298	0.296	0.7	76	0.00
36	T	1,1-Dichloropropene	0.484	0.485	-0.2	83	-0.01
37	T	Ethyl Acetate	0.216	0.187	13.4	68	-0.01
38	T	Carbon Tetrachloride	0.497	0.501	-0.8	82	0.00
39	T	Methylcyclohexane	0.651	0.611	6.1	77	0.00
40	TM	Benzene	1.431	1.469	-2.7	84	0.00
41	T	Methacrylonitrile	0.126	0.104	17.5	69	-0.01
42	TM	1,2-Dichloroethane	0.391	0.360	7.9	76	-0.01
43	T	Isopropyl Acetate	0.467	0.413	11.6	72	0.00
44	TM	Trichloroethene	0.350	0.382	-9.1	89	0.00
45	C	1,2-Dichloropropane	0.338	0.339	-0.3#	82	0.00
46	T	Dibromomethane	0.190	0.186	2.1	80	0.00
47	T	Bromodichloromethane	0.482	0.475	1.5	80	0.00
48	T	Methyl methacrylate	0.219	0.182	16.9	68	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	79	-0.02
50	S	Toluene-d8	1.206	1.224	-1.5	79	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.208	10.7	71	0.00
52	CM	Toluene	0.899	0.917	-2.0#	84	0.00
53	T	t-1,3-Dichloropropene	0.452	0.431	4.6	77	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.522	0.8	80	0.00
55	T	1,1,2-Trichloroethane	0.243	0.231	4.9	79	0.00
56	T	Ethyl methacrylate	0.351	0.335	4.6	76	0.00
57	T	1,3-Dichloropropane	0.430	0.413	4.0	79	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.158	0.6	82	0.00
59	T	2-Hexanone	0.156	0.140	10.3	72	0.00
60	T	Dibromochloromethane	0.308	0.297	3.6	78	0.00
61	T	1,2-Dibromoethane	0.221	0.214	3.2	80	0.00
62	S	4-Bromofluorobenzene	0.359	0.360	-0.3	80	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.430	0.550	-27.9#	104	0.00
65	PM	Chlorobenzene	1.106	1.150	-4.0	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.373	0.381	-2.1	83	0.00
67	C	Ethyl Benzene	2.052	2.110	-2.8#	83	0.00
68	T	m/p-Xylenes	0.778	0.813	-4.5	85	0.00
69	T	o-Xylene	0.729	0.772	-5.9	87	0.00
70	T	Styrene	1.206	1.264	-4.8	84	0.00
71	P	Bromoform	0.198	0.192	3.0	79	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73	T	Isopropylbenzene	4.105	4.122	-0.4	85	0.00
74	T	N-amyl acetate	1.036	0.919	11.3	73	0.00
75	P	1,1,2,2-Tetrachloroethane	0.674	0.518	23.1	64	0.00
76	T	1,2,3-Trichloropropane	0.572	0.509	11.0	69	0.00
77	T	Bromobenzene	0.866	0.866	0.0	85	0.00
78	T	n-propylbenzene	5.014	5.001	0.3	84	0.00
79	T	2-Chlorotoluene	2.657	2.618	1.5	83	0.00
80	T	1,3,5-Trimethylbenzene	3.223	3.226	-0.1	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.237	0.196	17.3	71	0.00
82	T	4-Chlorotoluene	2.741	2.653	3.2	81	0.00
83	T	tert-Butylbenzene	2.893	2.973	-2.8	87	0.00
84	T	1,2,4-Trimethylbenzene	3.223	3.209	0.4	85	0.00
85	T	sec-Butylbenzene	4.430	4.454	-0.5	85	0.00
86	T	p-Isopropyltoluene	3.652	3.731	-2.2	87	0.00
87	T	1,3-Dichlorobenzene	1.755	1.775	-1.1	87	0.00
88	T	1,4-Dichlorobenzene	1.702	1.670	1.9	83	0.00
89	T	n-Butylbenzene	3.464	3.506	-1.2	84	0.00
90	T	Hexachloroethane	0.711	0.721	-1.4	85	0.00
91	T	1,2-Dichlorobenzene	1.490	1.477	0.9	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.098	0.089	9.2	71	0.00
93	T	1,2,4-Trichlorobenzene	0.813	0.831	-2.2	86	0.00
94	T	Hexachlorobutadiene	0.449	0.455	-1.3	86	0.00
95	T	Naphthalene	1.560	1.812	-16.2	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.675	3.2	82	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	83	0.00
2	T	Dichlorodifluoromethane	50.000	42.934	14.1	77	0.00
3	P	Chloromethane	50.000	40.542	18.9	72	0.00
4	C	Vinyl Chloride	50.000	55.348	-10.7#	94	0.00
5	T	Bromomethane	50.000	42.795	14.4	84	-0.01
6	T	Chloroethane	50.000	56.588	-13.2	103	-0.01
7	T	Trichlorofluoromethane	50.000	57.379	-14.8	102	-0.01
8	T	Diethyl Ether	50.000	44.860	10.3	75	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.481	5.0	81	-0.01
10	T	Methyl Iodide	50.000	51.004	-2.0	78	0.00
11	T	Tert butyl alcohol	250.000	227.964	8.8	77	-0.03
12	CM	1,1-Dichloroethene	50.000	49.887	0.2#	84	-0.02
13	T	Acrolein	250.000	98.468	60.6#	34	-0.02
14	T	Allyl chloride	50.000	44.108	11.8	75	-0.01
15	T	Acrylonitrile	250.000	219.381	12.2	72	-0.01
16	T	Acetone	250.000	223.295	10.7	73	-0.02
17	T	Carbon Disulfide	50.000	45.254	9.5	76	-0.01
18	T	Methyl Acetate	50.000	45.242	9.5	76	-0.02
19	T	Methyl tert-butyl Ether	50.000	46.344	7.3	77	-0.02
20	T	Methylene Chloride	50.000	44.947	10.1	84	-0.02
21	T	trans-1,2-Dichloroethene	50.000	48.528	2.9	83	-0.01
22	T	Diisopropyl ether	50.000	45.396	9.2	76	-0.01
23	T	Vinyl Acetate	250.000	210.554	15.8	70	-0.01
24	P	1,1-Dichloroethane	50.000	49.271	1.5	83	-0.01
25	T	2-Butanone	250.000	218.612	12.6	71	-0.01
26	T	2,2-Dichloropropane	50.000	50.298	-0.6	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.429	-0.9	83	-0.01
28	T	Bromochloromethane	50.000	44.621	10.8	77	0.00
29	T	Tetrahydrofuran	250.000	210.910	15.6	71	-0.01
30	C	Chloroform	50.000	50.234	-0.5#	84	-0.01
31	T	Cyclohexane	50.000	42.579	14.8	75	-0.01
32	T	1,1,1-Trichloroethane	50.000	50.229	-0.5	84	-0.01
33	S	1,2-Dichloroethane-d4	50.000	45.131	9.7	71	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	49.517	1.0	76	0.00
36	T	1,1-Dichloropropene	50.000	50.076	-0.2	83	-0.01
37	T	Ethyl Acetate	50.000	43.311	13.4	68	-0.01
38	T	Carbon Tetrachloride	50.000	50.408	-0.8	82	0.00
39	T	Methylcyclohexane	50.000	46.938	6.1	77	0.00
40	TM	Benzene	50.000	51.354	-2.7	84	0.00
41	T	Methacrylonitrile	50.000	41.292	17.4	69	-0.01
42	TM	1,2-Dichloroethane	50.000	46.095	7.8	76	-0.01
43	T	Isopropyl Acetate	50.000	44.305	11.4	72	0.00
44	TM	Trichloroethene	50.000	54.584	-9.2	89	0.00
45	C	1,2-Dichloropropane	50.000	50.184	-0.4#	82	0.00
46	T	Dibromomethane	50.000	48.978	2.0	80	0.00
47	T	Bromodichloromethane	50.000	49.246	1.5	80	0.00
48	T	Methyl methacrylate	50.000	41.507	17.0	68	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	930.584	6.9	79	-0.02
50	S	Toluene-d8	50.000	50.745	-1.5	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	223.486	10.6	71	0.00
52	CM	Toluene	50.000	51.024	-2.0#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	47.738	4.5	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.616	0.8	80	0.00
55	T	1,1,2-Trichloroethane	50.000	47.632	4.7	79	0.00
56	T	Ethyl methacrylate	50.000	47.764	4.5	76	0.00
57	T	1,3-Dichloropropane	50.000	48.090	3.8	79	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	248.382	0.6	82	0.00
59	T	2-Hexanone	250.000	224.569	10.2	72	0.00
60	T	Dibromochloromethane	50.000	48.149	3.7	78	0.00
61	T	1,2-Dibromoethane	50.000	48.421	3.2	80	0.00
62	S	4-Bromofluorobenzene	50.000	50.044	-0.1	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	63.928	-27.9#	104	0.00
65	PM	Chlorobenzene	50.000	51.989	-4.0	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.056	-2.1	83	0.00
67	C	Ethyl Benzene	50.000	51.398	-2.8#	83	0.00
68	T	m/p-Xylenes	100.000	104.498	-4.5	85	0.00
69	T	o-Xylene	50.000	52.894	-5.8	87	0.00
70	T	Styrene	50.000	52.424	-4.8	84	0.00
71	P	Bromoform	50.000	48.333	3.3	79	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	50.210	-0.4	85	0.00
74	T	N-amyl acetate	50.000	44.340	11.3	73	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	38.413	23.2	64	0.00
76	T	1,2,3-Trichloropropane	50.000	44.507	11.0	69	0.00
77	T	Bromobenzene	50.000	50.011	-0.0	85	0.00
78	T	n-propylbenzene	50.000	49.873	0.3	84	0.00
79	T	2-Chlorotoluene	50.000	49.256	1.5	83	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.055	-0.1	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.290	17.4	71	0.00
82	T	4-Chlorotoluene	50.000	48.391	3.2	81	0.00
83	T	tert-Butylbenzene	50.000	51.390	-2.8	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.775	0.5	85	0.00
85	T	sec-Butylbenzene	50.000	50.277	-0.6	85	0.00
86	T	p-Isopropyltoluene	50.000	51.086	-2.2	87	0.00
87	T	1,3-Dichlorobenzene	50.000	50.570	-1.1	87	0.00
88	T	1,4-Dichlorobenzene	50.000	49.053	1.9	83	0.00
89	T	n-Butylbenzene	50.000	50.596	-1.2	84	0.00
90	T	Hexachloroethane	50.000	50.740	-1.5	85	0.00
91	T	1,2-Dichlorobenzene	50.000	49.555	0.9	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.142	9.7	71	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.112	-2.2	86	0.00
94	T	Hexachlorobutadiene	50.000	50.664	-1.3	86	0.00
95	T	Naphthalene	50.000	58.089	-16.2	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.472	3.1	82	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

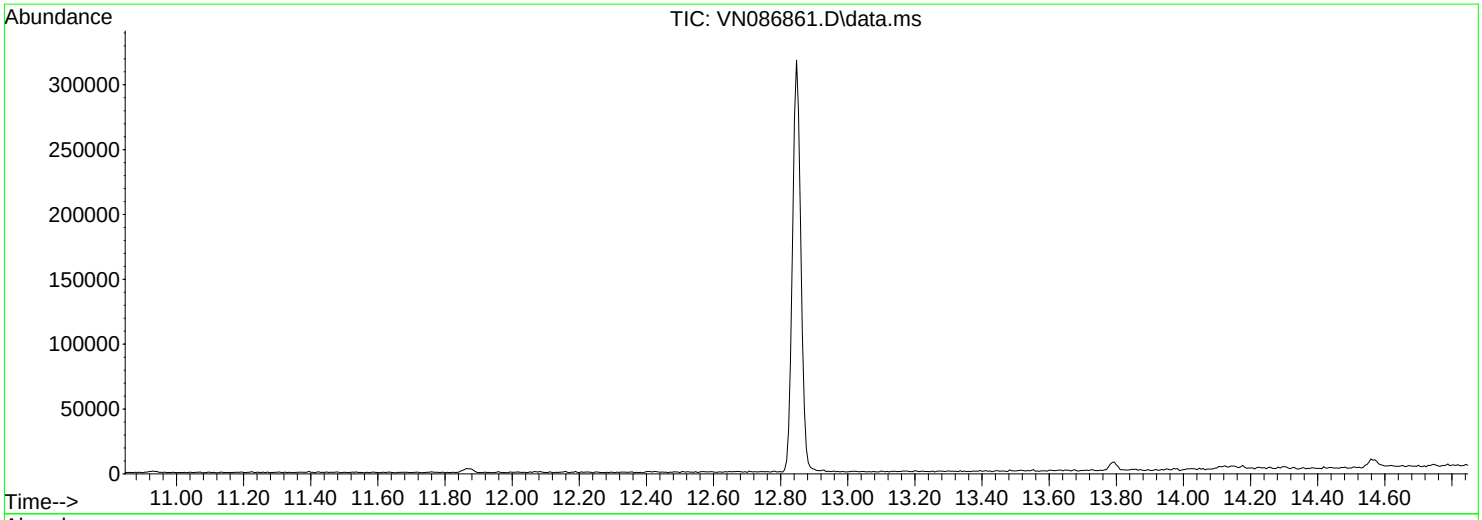
Sample Results: **VN086861.D**

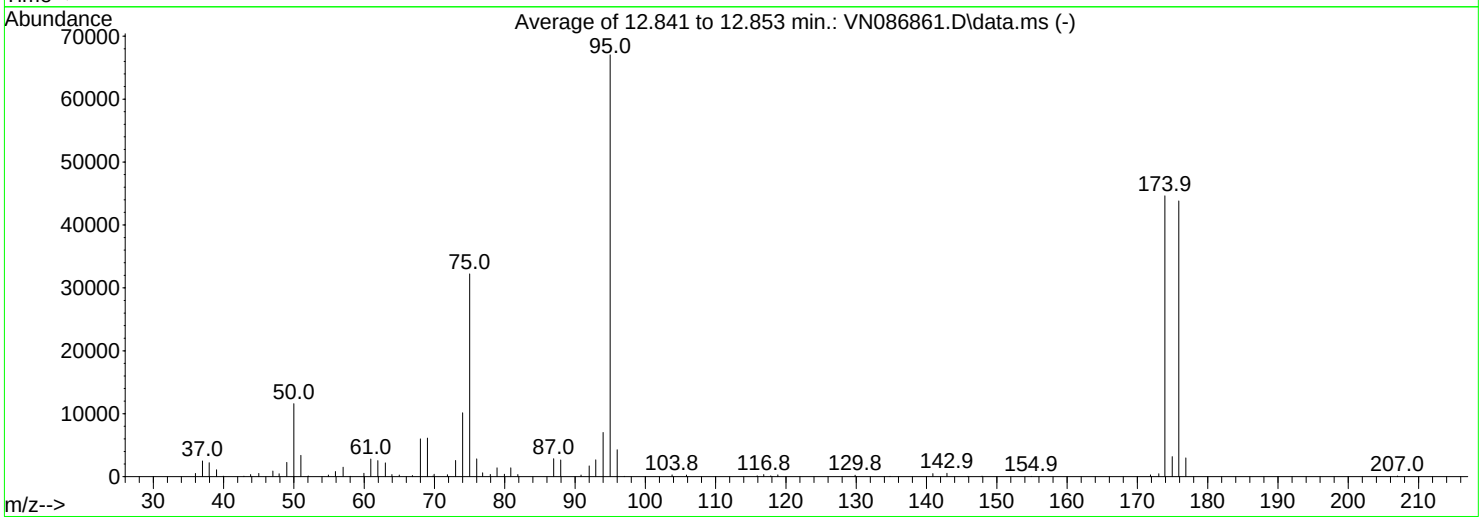
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086861.D
Acq On : 06 Jun 2025 07:59
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260
Last Update : Sat Jun 07 02:12:50 2025





AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1843

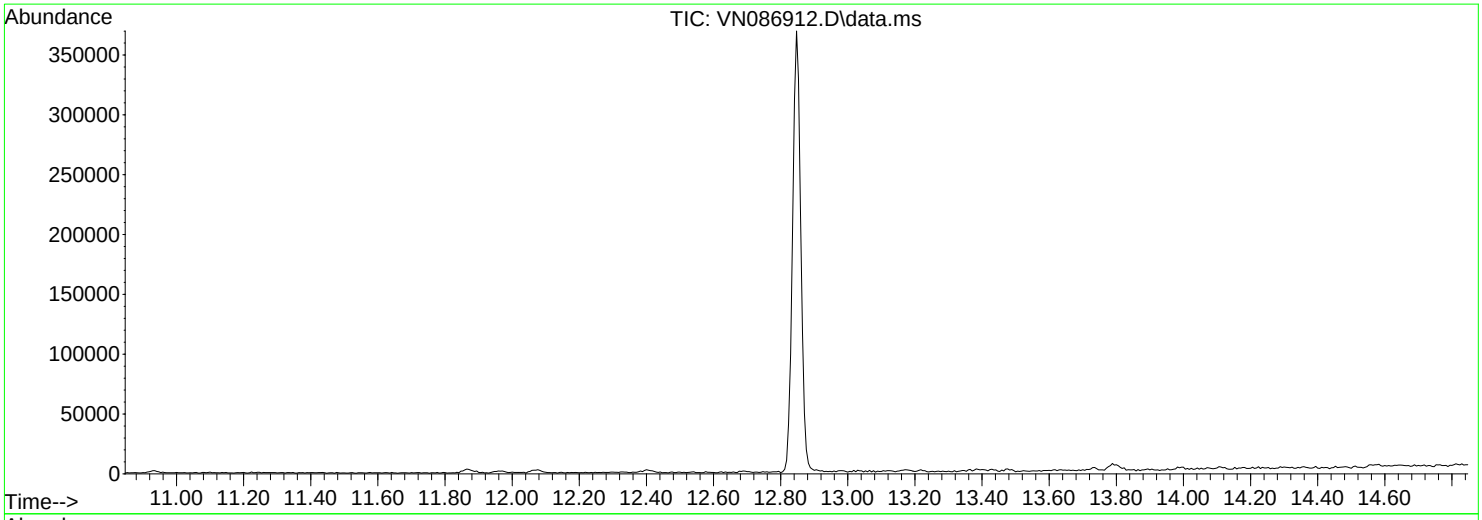
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.3	11610	PASS
75	95	30	60	48.1	32235	PASS
95	95	100	100	100.0	67037	PASS
96	95	5	9	6.4	4284	PASS
173	174	0.00	2	1.0	453	PASS
174	95	50	100	66.6	44632	PASS
175	174	5	9	7.1	3184	PASS
176	174	95	101	98.1	43805	PASS
177	176	5	9	6.8	2979	PASS

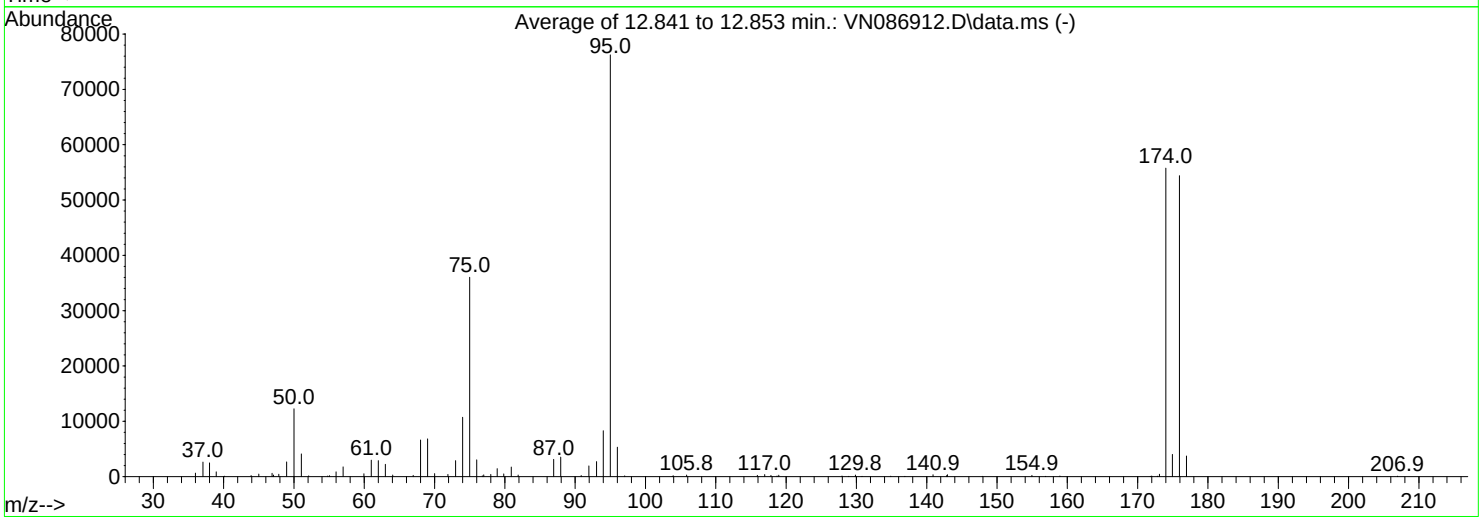
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086912.D
Acq On : 10 Jun 2025 08:39
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260
Last Update : Sat Jun 07 02:12:50 2025





AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1843

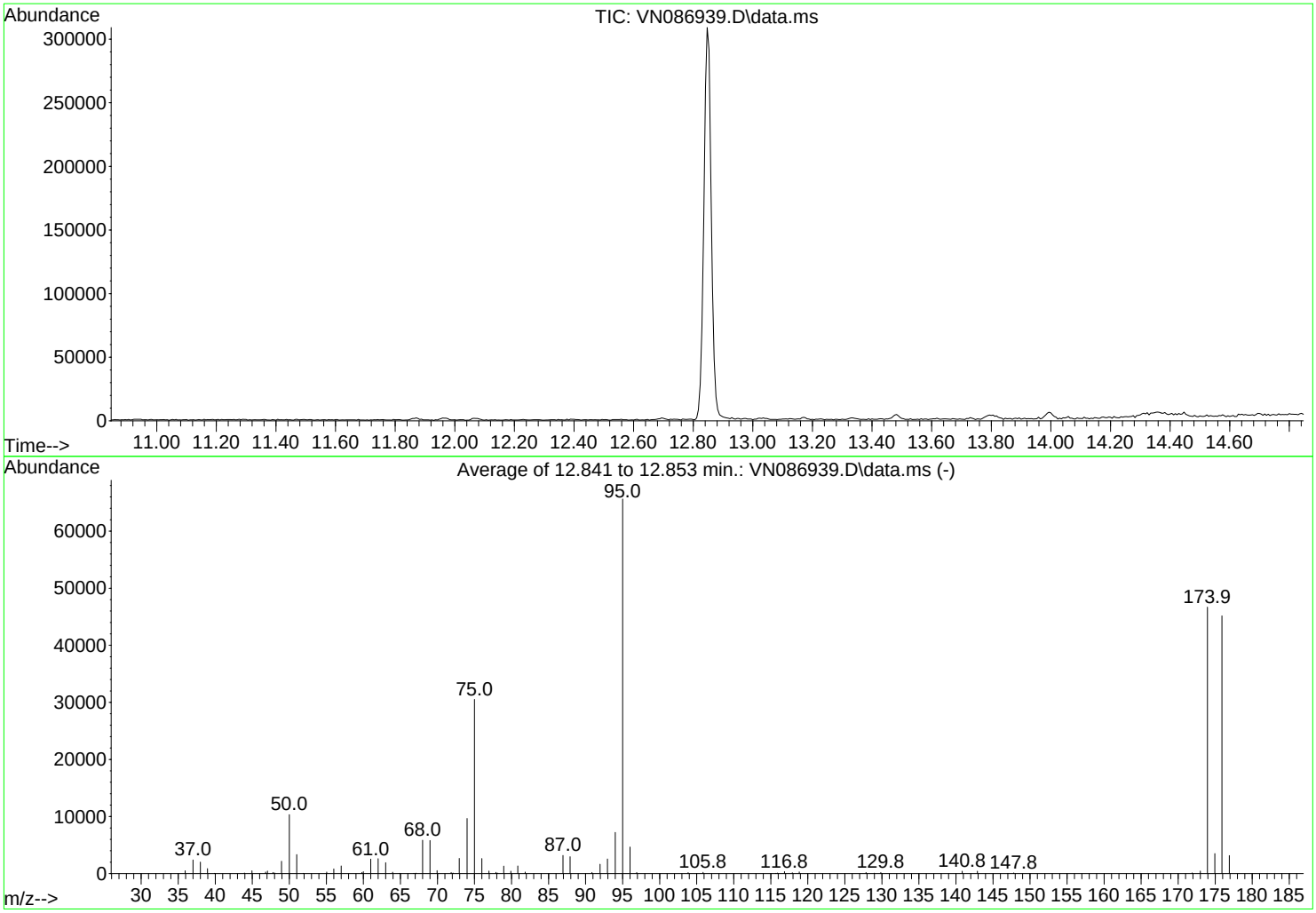
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.1	12262	PASS
75	95	30	60	47.3	36032	PASS
95	95	100	100	100.0	76240	PASS
96	95	5	9	7.0	5316	PASS
173	174	0.00	2	0.8	431	PASS
174	95	50	100	73.1	55768	PASS
175	174	5	9	7.2	4025	PASS
176	174	95	101	97.5	54389	PASS
177	176	5	9	6.9	3729	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086939.D
Acq On : 11 Jun 2025 10:22
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260
Last Update : Sat Jun 07 02:12:50 2025



AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1843

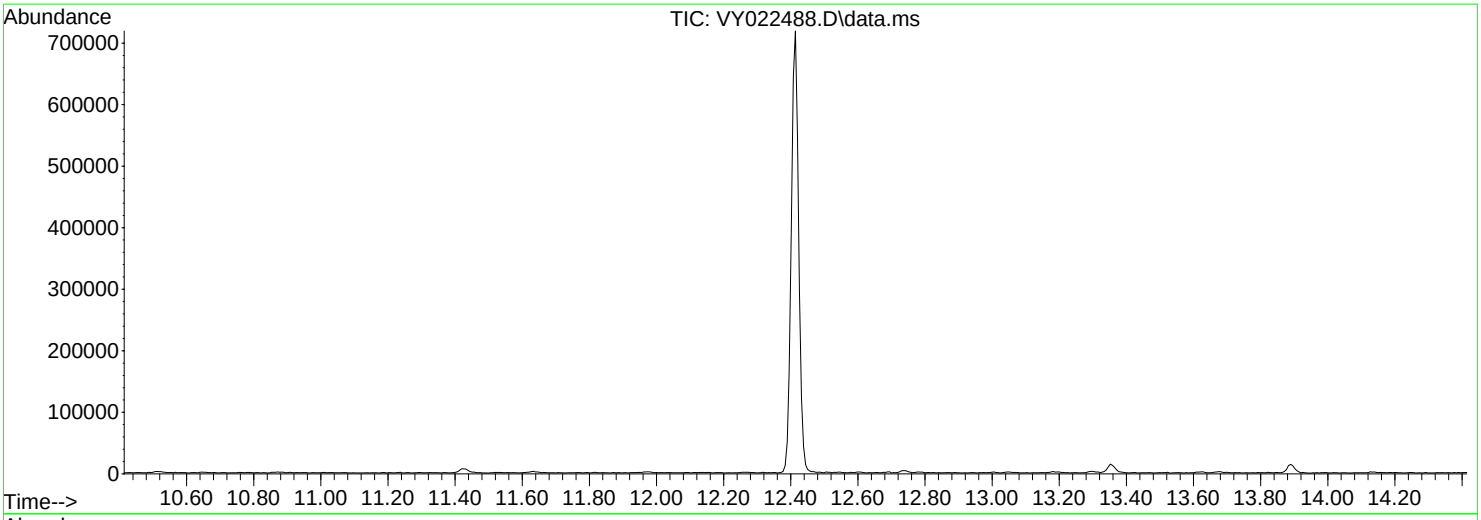
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.7	10335	PASS
75	95	30	60	46.5	30525	PASS
95	95	100	100	100.0	65627	PASS
96	95	5	9	7.1	4656	PASS
173	174	0.00	2	1.0	446	PASS
174	95	50	100	71.1	46675	PASS
175	174	5	9	7.5	3520	PASS
176	174	95	101	96.8	45165	PASS
177	176	5	9	7.0	3156	PASS

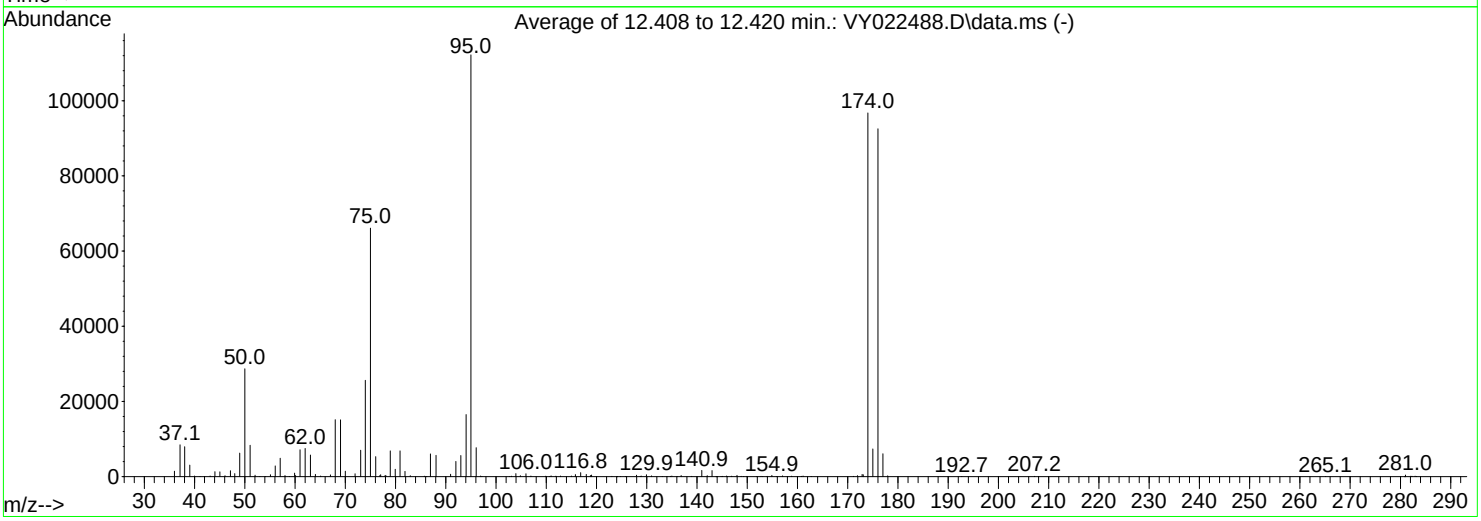
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022488.D
Acq On : 02 Jun 2025 08:31
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Title : SW846 8260
Last Update : Tue Jun 03 03:22:04 2025





AutoFind: Scans 1753, 1754, 1755; Background Corrected with Scan 1745

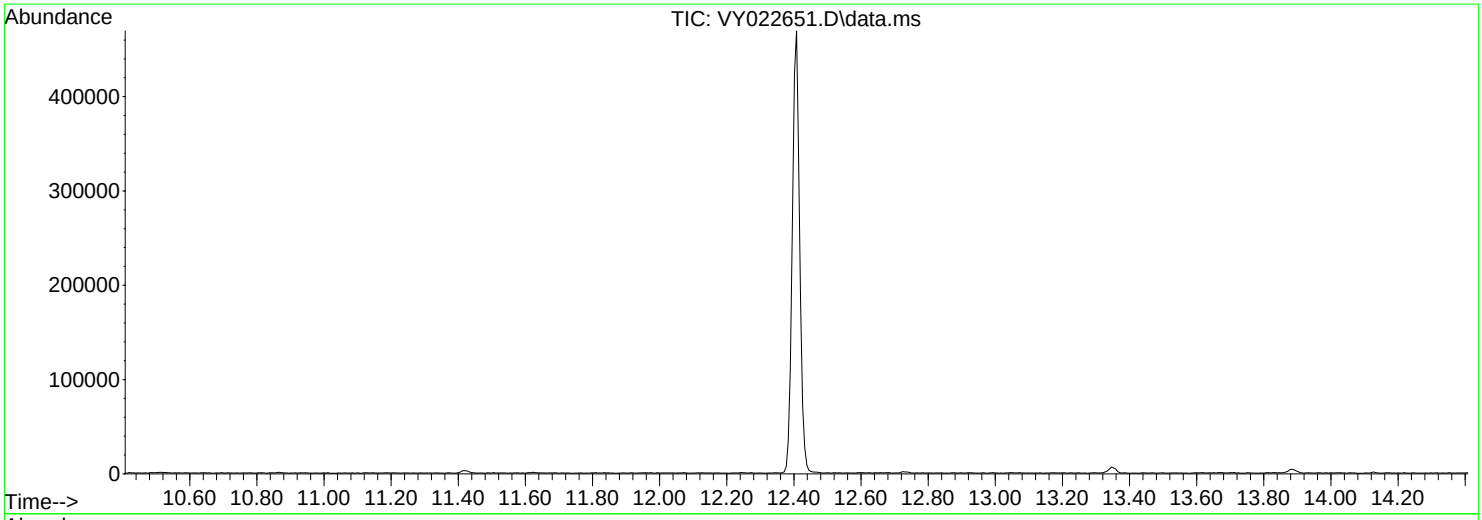
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.6	28688	PASS
75	95	30	60	58.9	66115	PASS
95	95	100	100	100.0	112208	PASS
96	95	5	9	6.9	7706	PASS
173	174	0.00	2	0.6	591	PASS
174	95	50	100	86.2	96760	PASS
175	174	5	9	7.6	7372	PASS
176	174	95	101	95.6	92520	PASS
177	176	5	9	6.6	6076	PASS

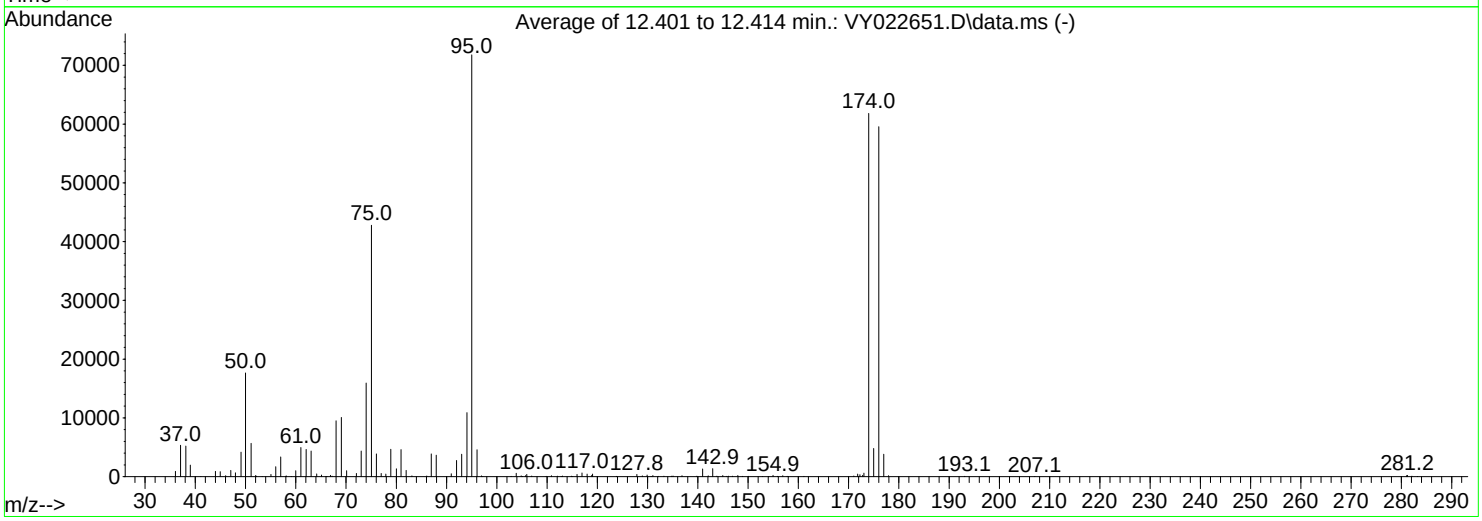
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022651.D
Acq On : 11 Jun 2025 09:22
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Title : SW846 8260
Last Update : Tue Jun 10 15:26:14 2025





AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1743

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.6	17654	PASS
75	95	30	60	59.6	42768	PASS
95	95	100	100	100.0	71789	PASS
96	95	5	9	6.4	4589	PASS
173	174	0.00	2	1.0	605	PASS
174	95	50	100	86.1	61819	PASS
175	174	5	9	7.8	4802	PASS
176	174	95	101	96.3	59552	PASS
177	176	5	9	6.4	3824	PASS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VN0610WBL01	SDG No.:	Q2251
Lab Sample ID:	VN0610WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086915.D	1		06/10/25 10:09	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VN0610WBL01	SDG No.:	Q2251
Lab Sample ID:	VN0610WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086915.D	1		06/10/25 10:09	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.7		81 - 118		93%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	51.5		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		85 - 114		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	241000	8.23				
540-36-3	1,4-Difluorobenzene	441000	9.106				
3114-55-4	Chlorobenzene-d5	386000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	183000	13.788				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086915.D
Acq On : 10 Jun 2025 10:09
Operator : JC\MD
Sample : VN0610WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Quant Time: Jun 11 01:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	241251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	440901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	386425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	183380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	150863	46.706	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.420%			
35) Dibromofluoromethane	8.177	113	127940	48.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.940%			
50) Toluene-d8	10.565	98	532983	51.527	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.847	95	188114	48.950	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.900%			

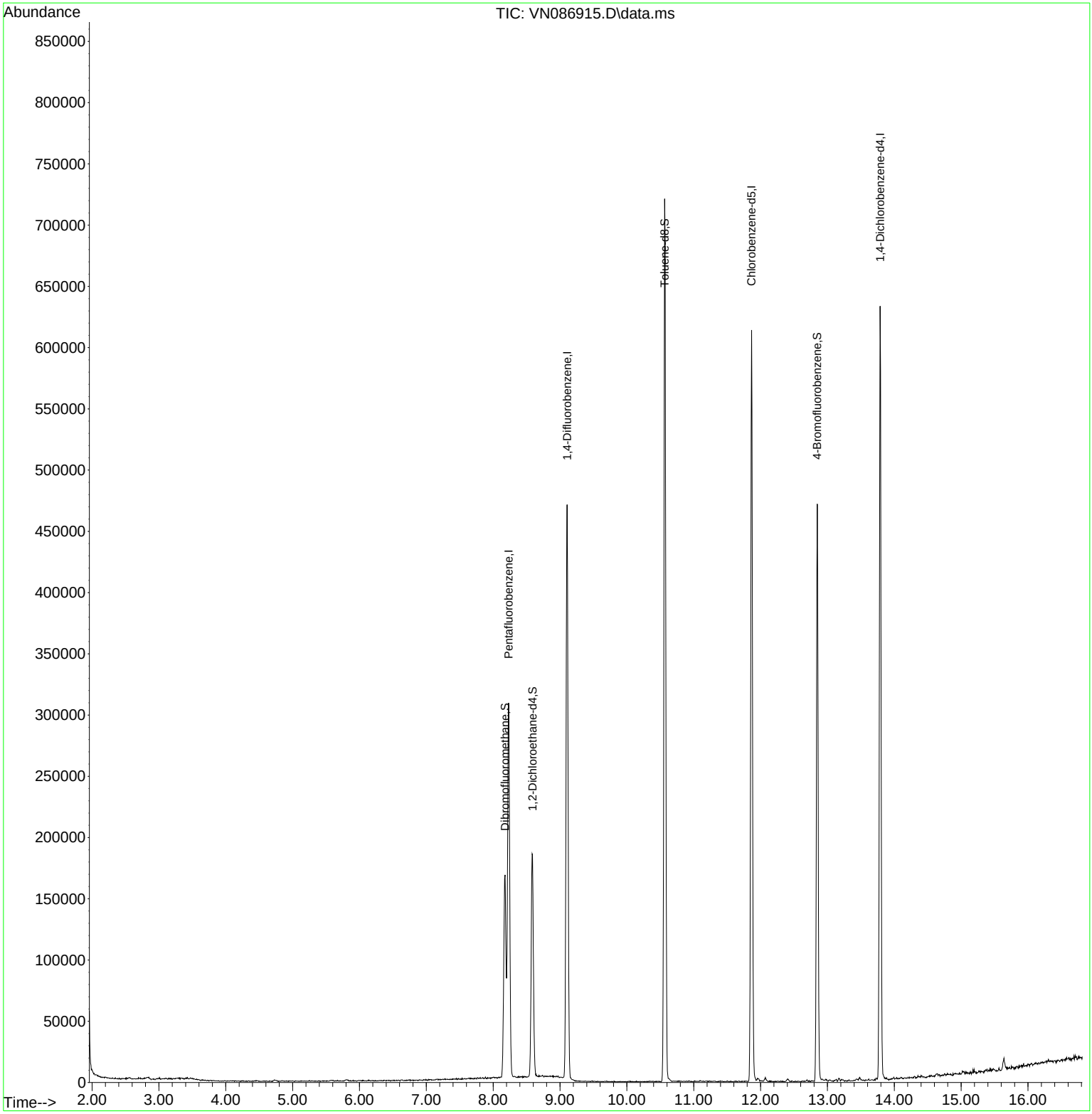
Target Compounds Qvalue

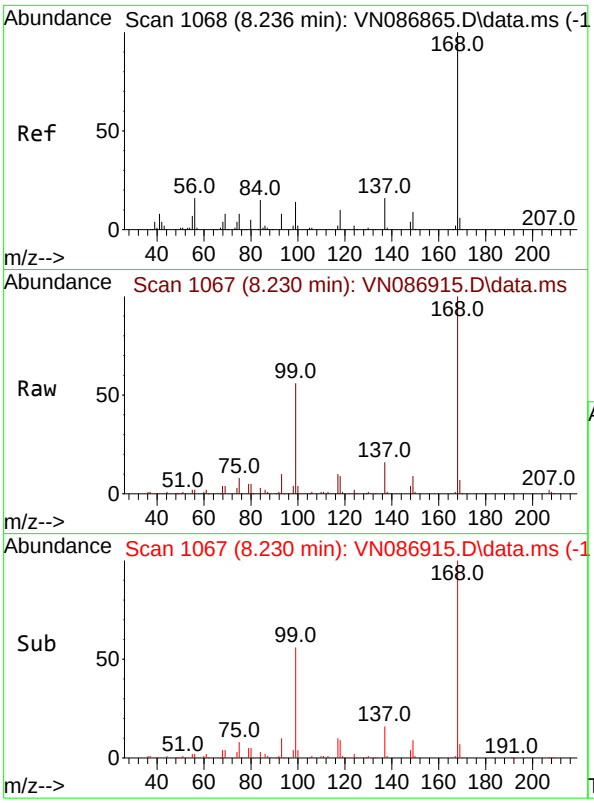
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086915.D
Acq On : 10 Jun 2025 10:09
Operator : JC\MD
Sample : VN0610WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Quant Time: Jun 11 01:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



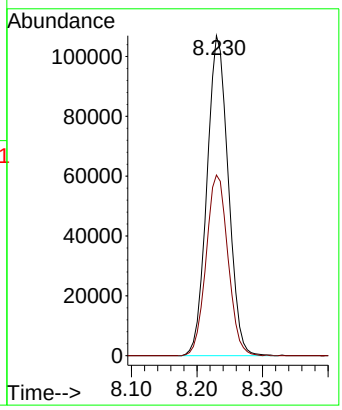


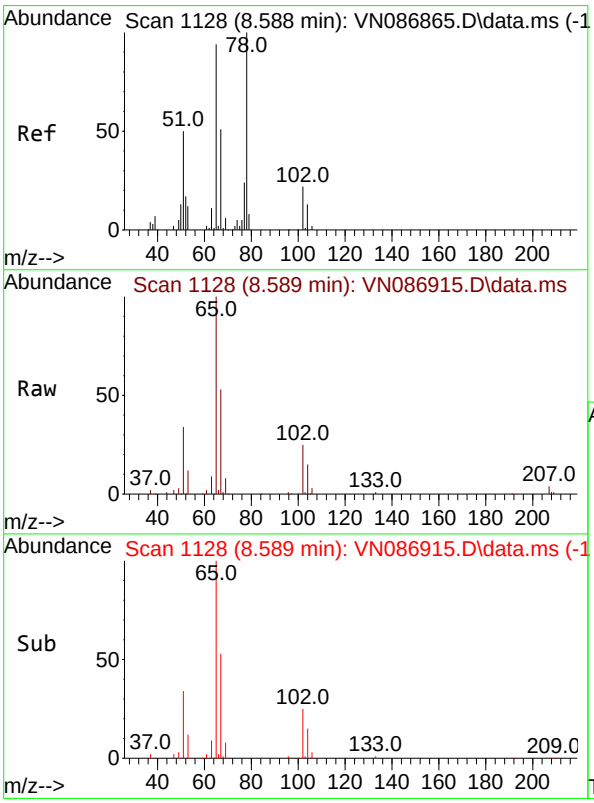
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion:168 Resp: 241251

Ion	Ratio	Lower	Upper
168	100		
99	56.4	49.1	73.7

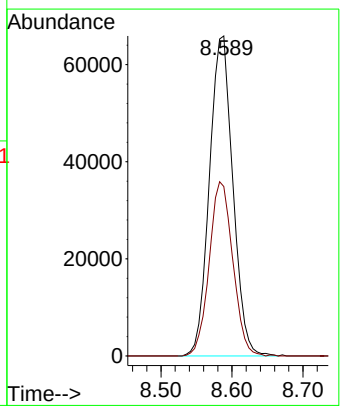


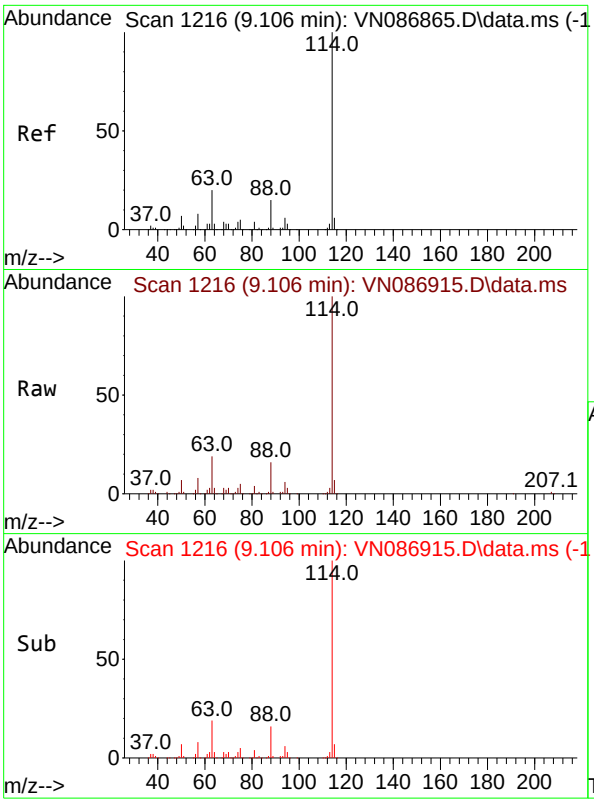


#33
1,2-Dichloroethane-d4
Concen: 46.706 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Tgt Ion: 65 Resp: 150863

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	105.6



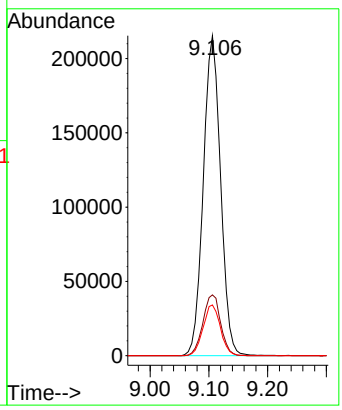


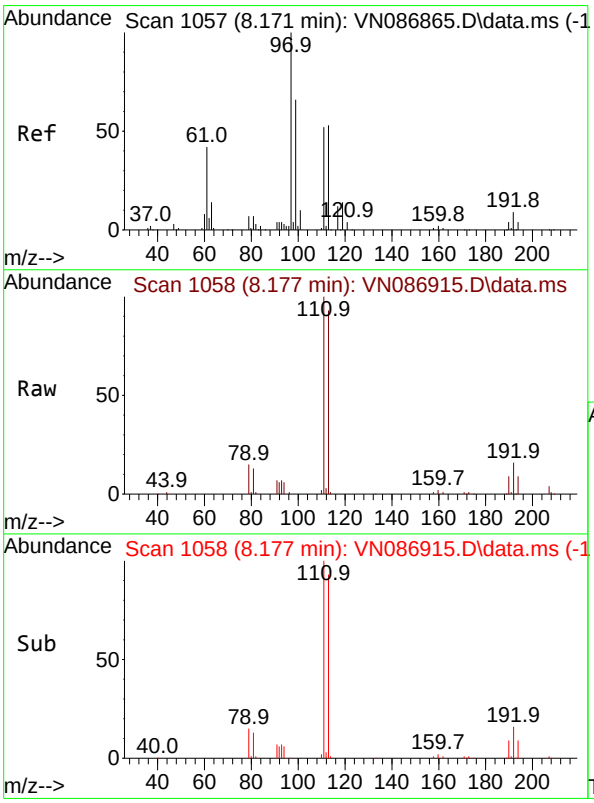
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion:114 Resp: 440901

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	15.9	0.0	30.2

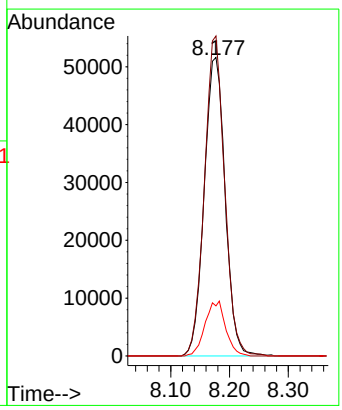


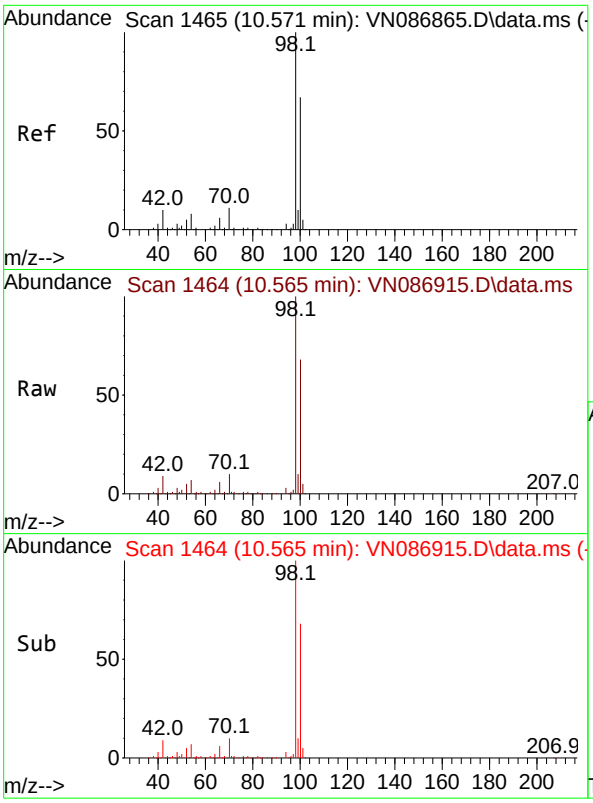


#35
Dibromofluoromethane
Concen: 48.965 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Tgt Ion:113 Resp: 127940

Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.2	126.2
192	18.1	14.2	21.4



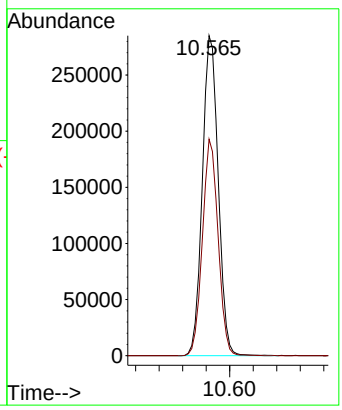


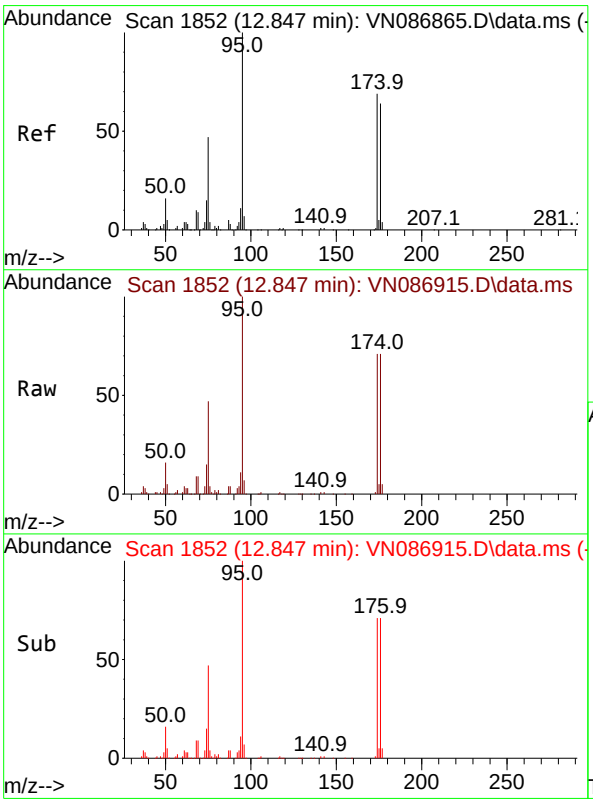
#50
Toluene-d8
Concen: 51.527 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion: 98 Resp: 532983

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.0

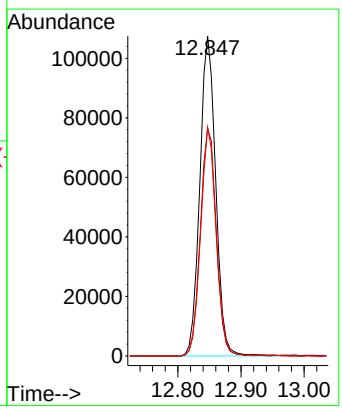


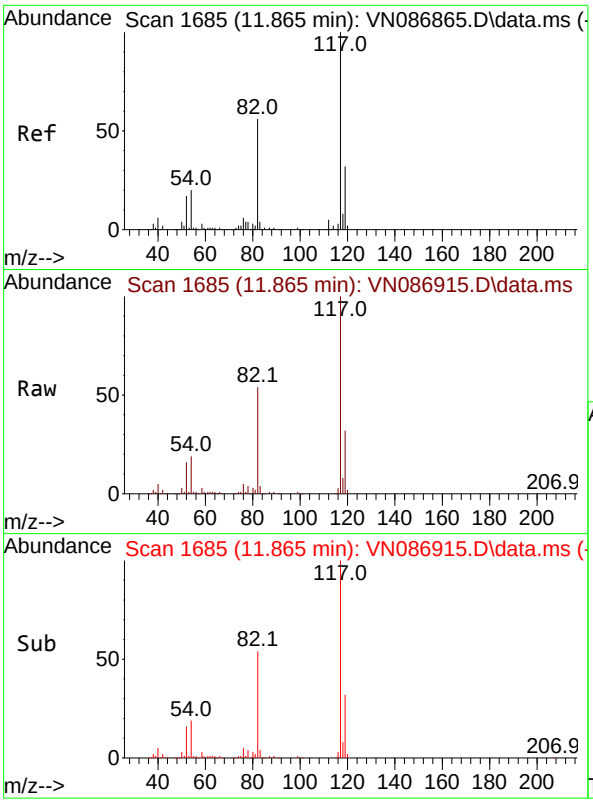


#62
4-Bromofluorobenzene
Concen: 48.950 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Tgt Ion: 95 Resp: 188114

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	141.8
176	69.4	0.0	132.6



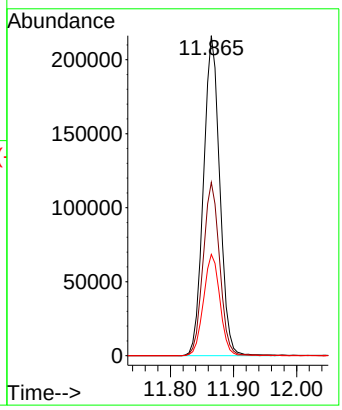


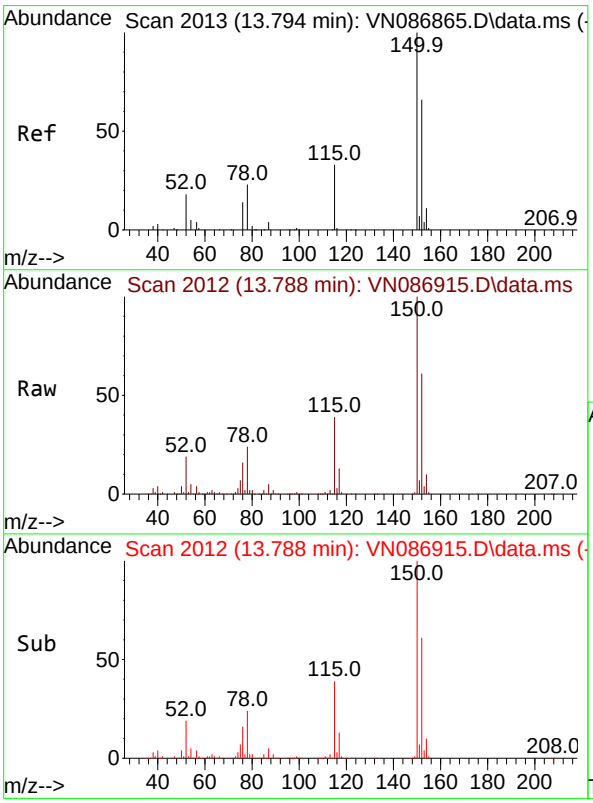
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion:117 Resp: 386425

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.6	67.0
119	31.7	25.5	38.3

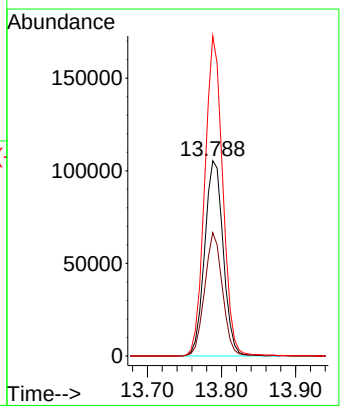




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086915.D
Acq: 10 Jun 2025 10:09

Tgt Ion:152 Resp: 183380

Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.1	90.5
150	158.5	0.0	345.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086915.D
Acq On : 10 Jun 2025 10:09
Operator : JC\MD
Sample : VN0610WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN086915.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.177	1049	1058	1062	rBV2	165126	398331	29.59%	5.841%
2	8.230	1062	1067	1080	rVB	305274	683837	50.80%	10.027%
3	8.583	1118	1127	1138	rBV	181701	418600	31.10%	6.138%
4	9.106	1207	1216	1230	rVB	469464	968099	71.91%	14.195%
5	10.565	1455	1464	1474	rBV	721185	1346188	100.00%	19.739%
6	11.865	1676	1685	1696	rBV	613542	1107462	82.27%	16.239%
7	12.847	1845	1852	1862	rBV	471466	814056	60.47%	11.937%
8	13.788	2004	2012	2023	rBV	631238	1066162	79.20%	15.633%
9	15.641	2322	2327	2334	rVB	9041	17113	1.27%	0.251%

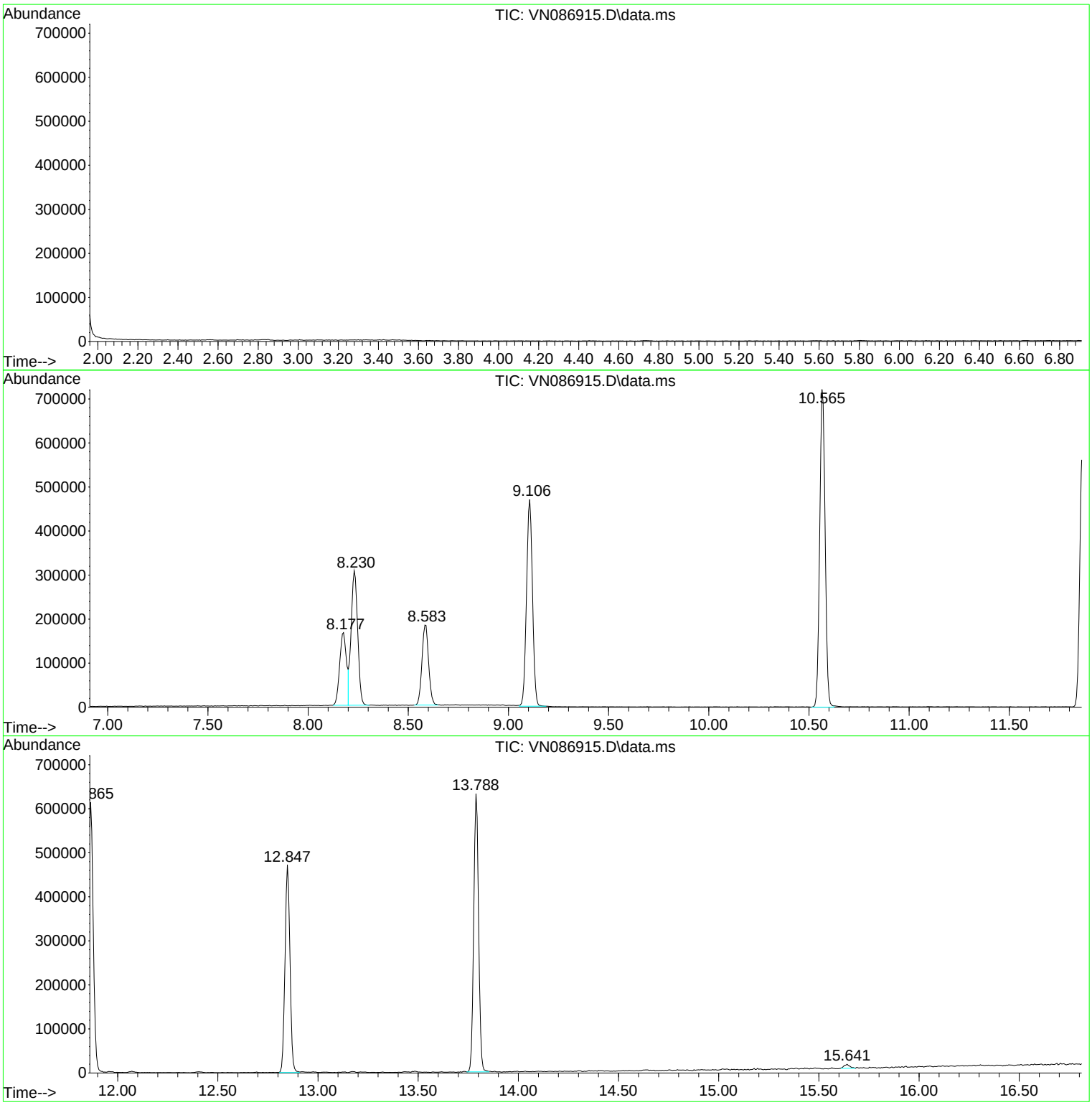
Sum of corrected areas: 6819848

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086915.D
Acq On : 10 Jun 2025 10:09
Operator : JC\MD
Sample : VN0610WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086915.D
Acq On : 10 Jun 2025 10:09
Operator : JC\MD
Sample : VN0610WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086915.D
Acq On : 10 Jun 2025 10:09
Operator : JC\MD
Sample : VN0610WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VN0611WBL01	SDG No.:	Q2251
Lab Sample ID:	VN0611WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086942.D	1		06/11/25 12:28	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VN0611WBL01	SDG No.:	Q2251
Lab Sample ID:	VN0611WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086942.D	1		06/11/25 12:28	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.3		81 - 118		97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	51.7		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	328000	8.23				
540-36-3	1,4-Difluorobenzene	619000	9.106				
3114-55-4	Chlorobenzene-d5	543000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	257000	13.788				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Time: Jun 12 01:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	328120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	543433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	257257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212062	48.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.540%			
35) Dibromofluoromethane	8.177	113	180701	49.287	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.580%			
50) Toluene-d8	10.565	98	749967	51.673	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.340%			
62) 4-Bromofluorobenzene	12.847	95	266545	49.431	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.860%			

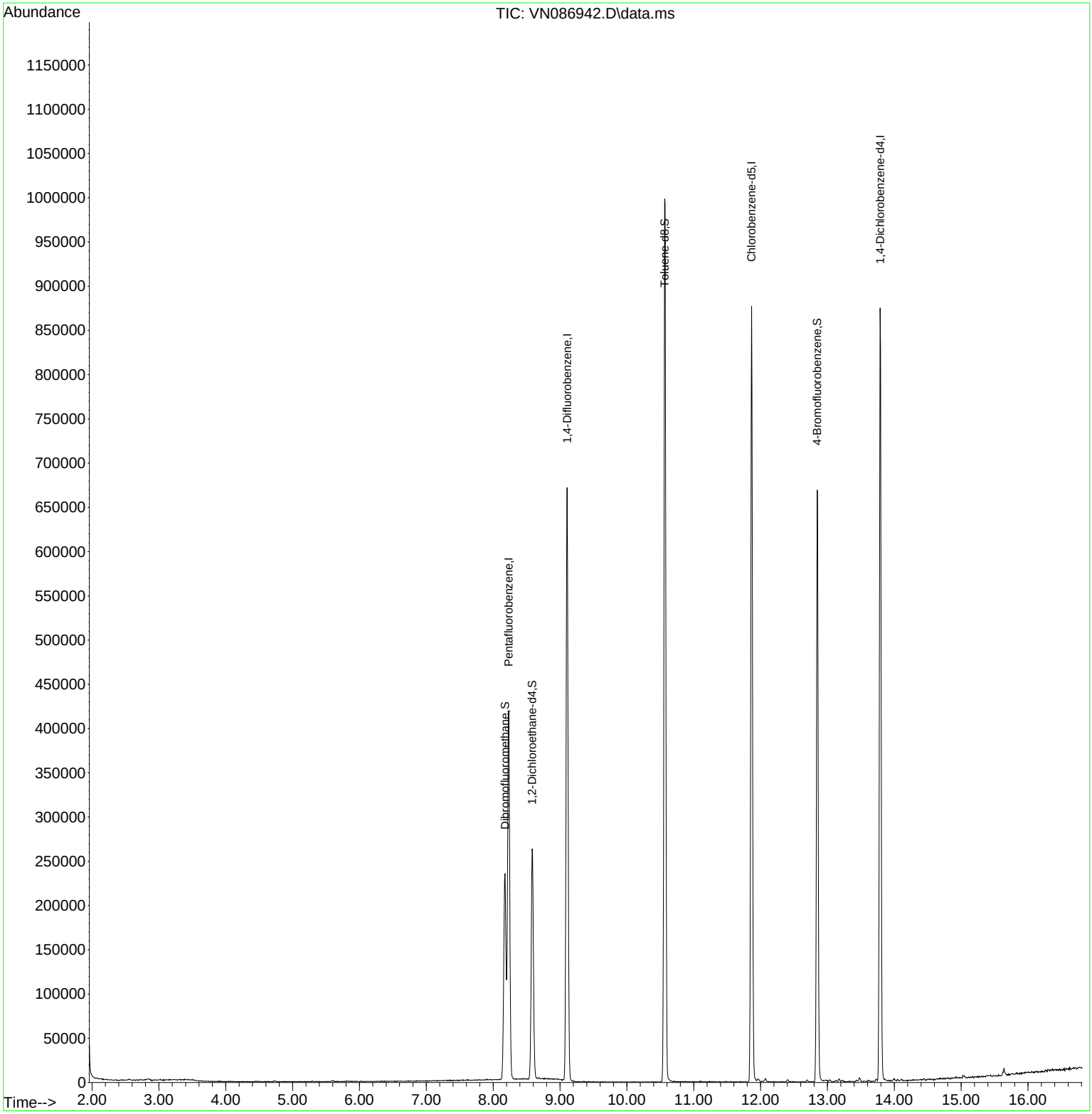
Target Compounds Qvalue

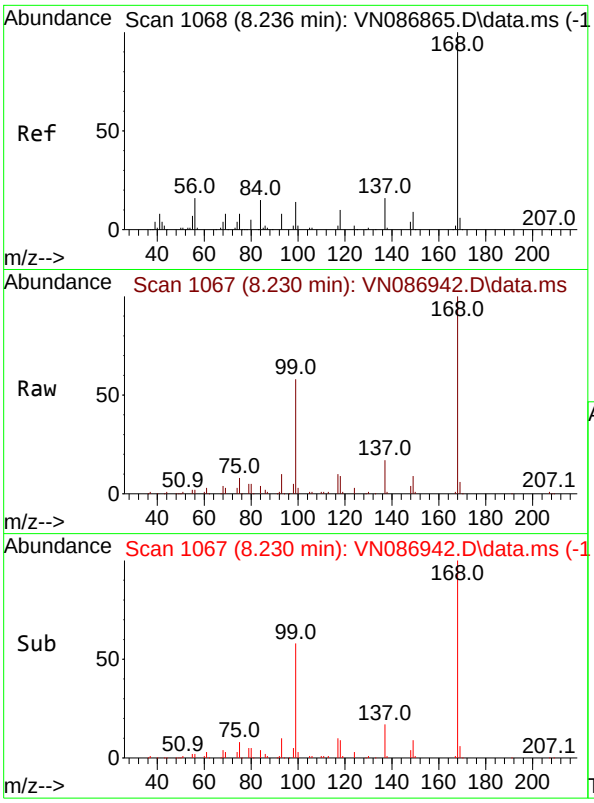
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Time: Jun 12 01:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



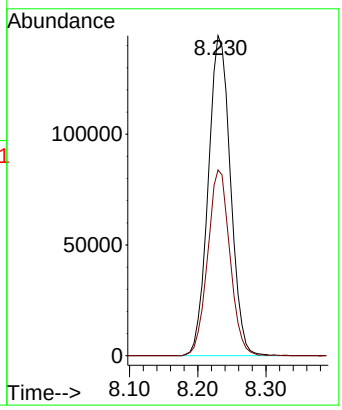


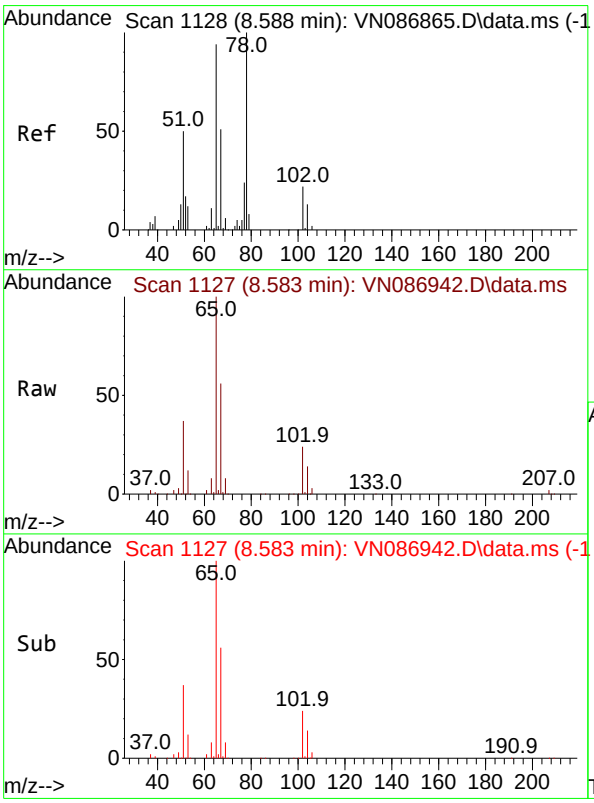
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion:168 Resp: 328120

Ion	Ratio	Lower	Upper
168	100		
99	58.0	49.1	73.7

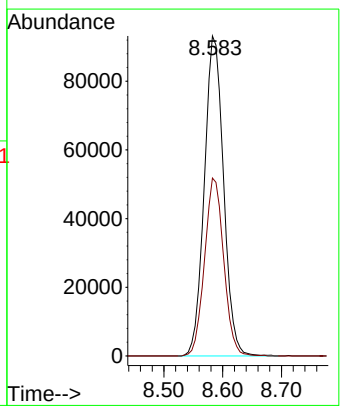


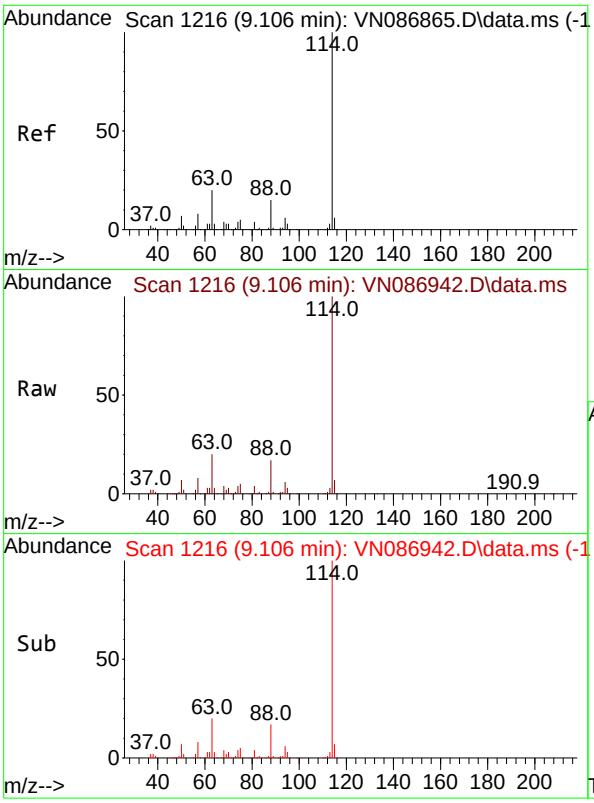


#33
1,2-Dichloroethane-d4
Concen: 48.271 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion: 65 Resp: 212062

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	105.6



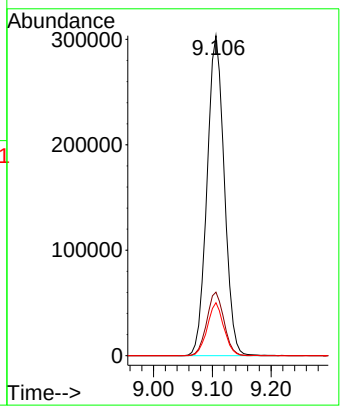


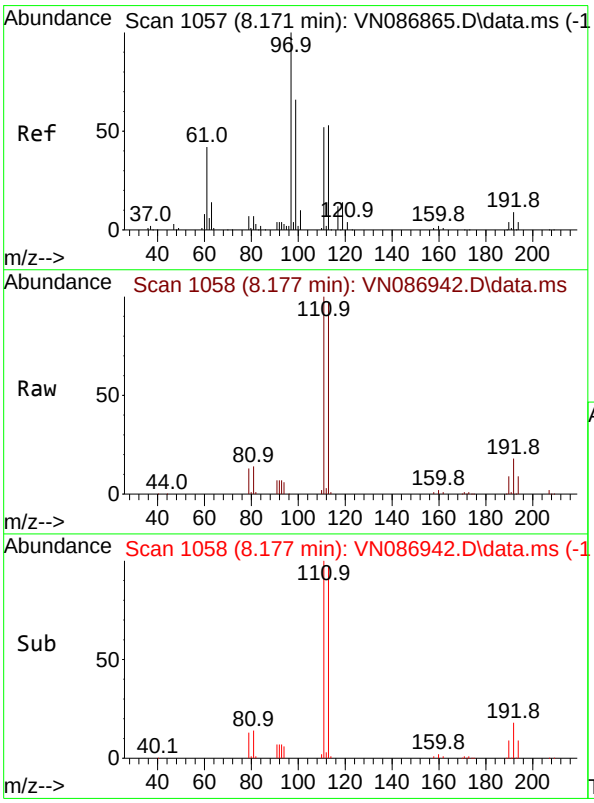
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion:114 Resp: 618651

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	16.5	0.0	30.2

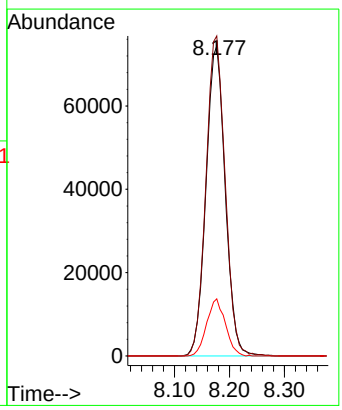


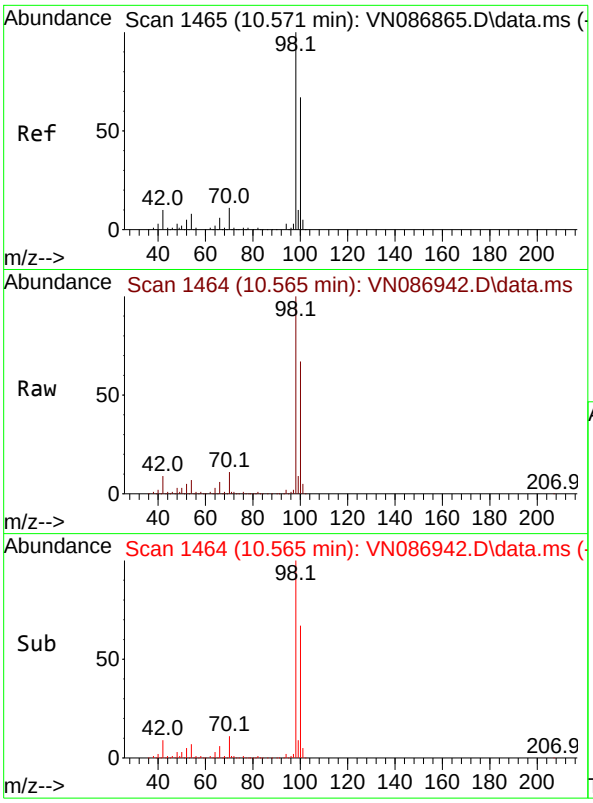


#35
Dibromofluoromethane
Concen: 49.287 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion:113 Resp: 180701

Ion	Ratio	Lower	Upper
113	100		
111	103.1	84.2	126.2
192	18.0	14.2	21.4



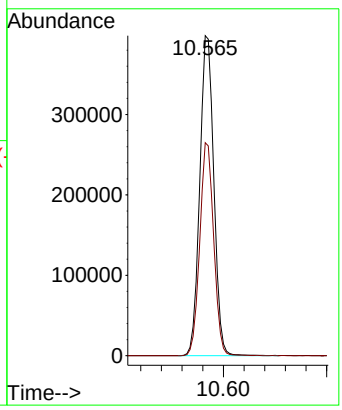


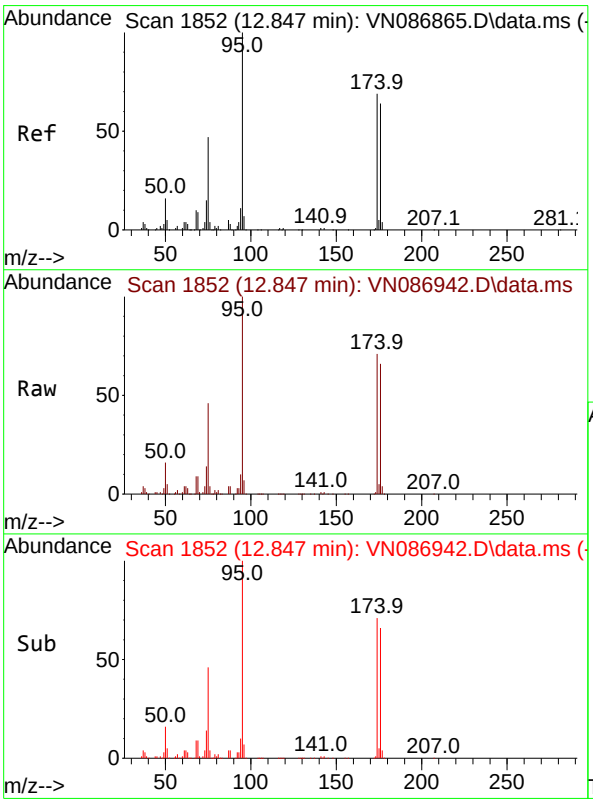
#50
Toluene-d8
Concen: 51.673 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion: 98 Resp: 749967

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.4	80.0

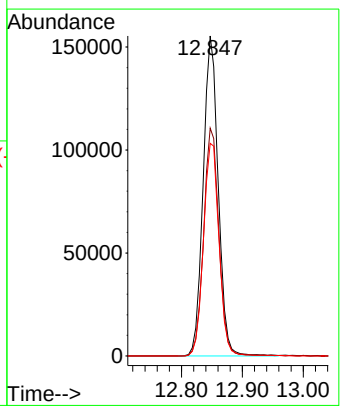


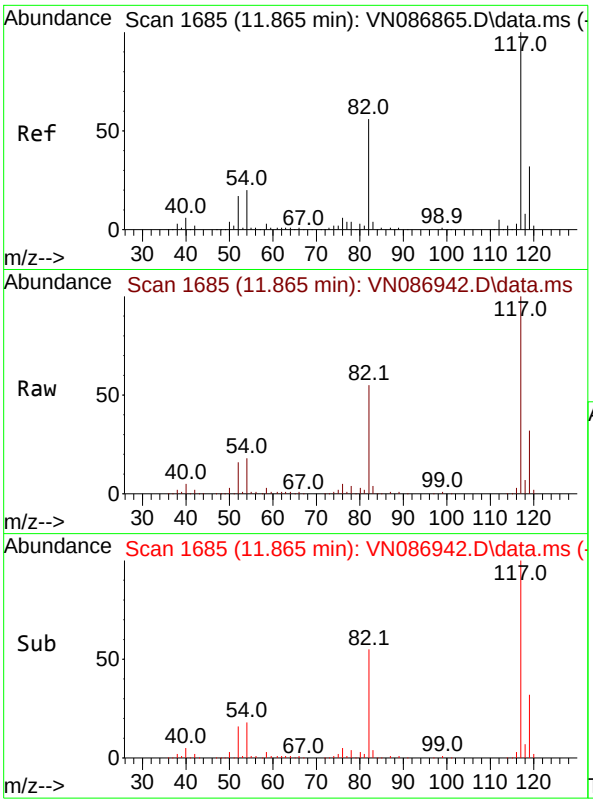


#62
4-Bromofluorobenzene
Concen: 49.431 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion: 95 Resp: 266545

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	141.8
176	68.8	0.0	132.6



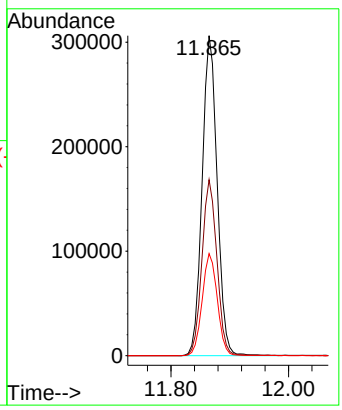


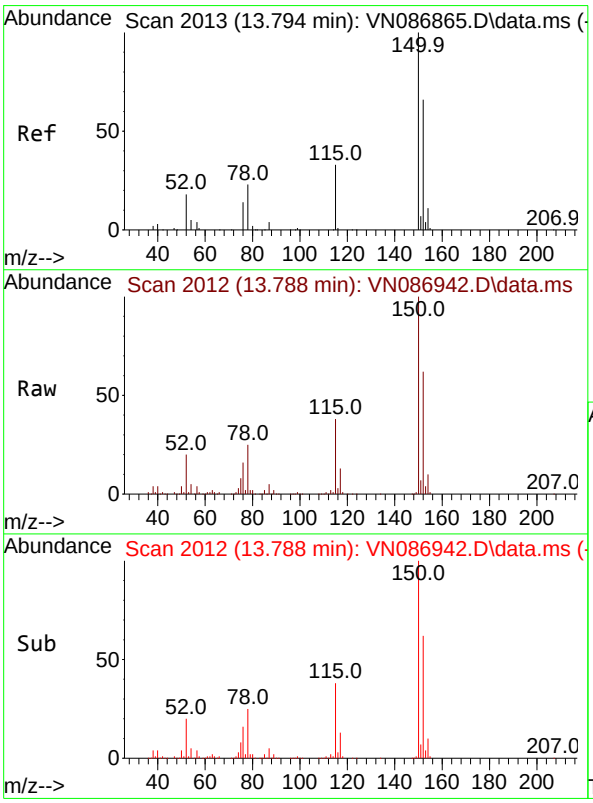
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion:117 Resp: 543433

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	67.0
119	31.9	25.5	38.3

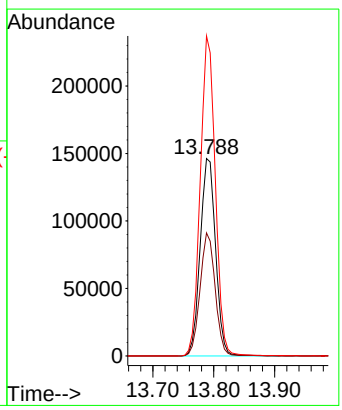




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion:152 Resp: 257257

Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.1	90.5
150	157.9	0.0	345.0



Sample Results: **VN086942.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN086942.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.177	1047	1058	1062	rBV	233085	565978	30.02%	5.919%
2	8.230	1062	1067	1080	rVB	416474	938498	49.77%	9.815%
3	8.583	1118	1127	1138	rBV	260361	595602	31.59%	6.229%
4	9.106	1207	1216	1229	rVB	670915	1364473	72.36%	14.270%
5	10.565	1456	1464	1474	rBV	997779	1885613	100.00%	19.720%
6	11.865	1677	1685	1698	rBV	876609	1557898	82.62%	16.293%
7	12.847	1844	1852	1864	rBV	669132	1151656	61.08%	12.044%
8	13.788	2005	2012	2022	rBV	873448	1502092	79.66%	15.709%

Sum of corrected areas: 9561810

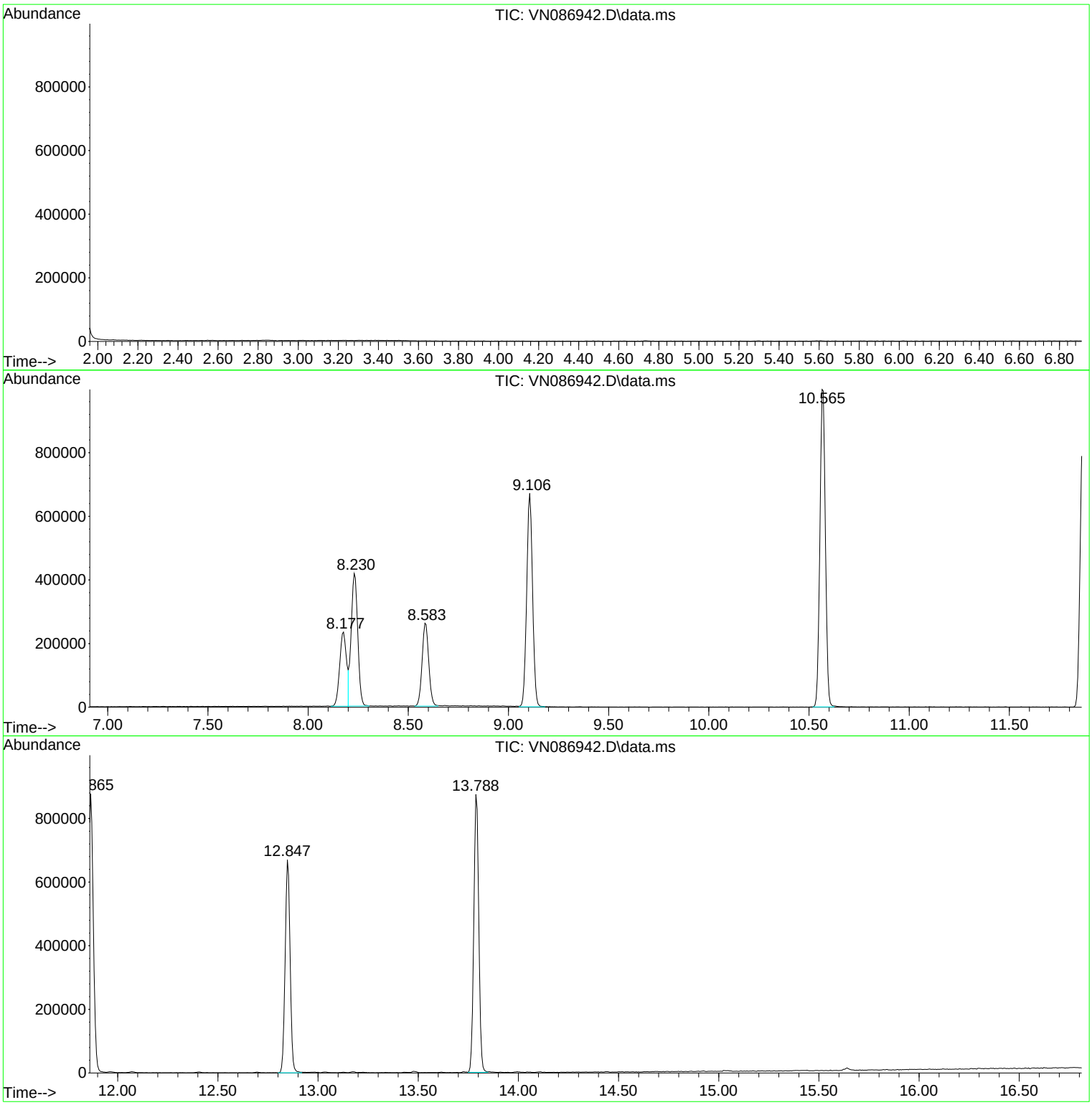
Sample Results: **VN086942.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY0611SBL01	SDG No.:	Q2251
Lab Sample ID:	VY0611SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022653.D	1		06/11/25 10:30	VY061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	2.50	U	1.10	2.50	5.00	ug/Kg
75-01-4	Vinyl Chloride	2.50	U	0.79	2.50	5.00	ug/Kg
74-83-9	Bromomethane	4.00	U	1.10	4.00	5.00	ug/Kg
75-00-3	Chloroethane	2.50	U	1.30	2.50	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	4.00	U	1.20	4.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	1.10	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	2.50	U	1.00	2.50	5.00	ug/Kg
67-64-1	Acetone	20.0	U	4.70	20.0	25.0	ug/Kg
75-15-0	Carbon Disulfide	4.00	U	1.10	4.00	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.50	U	0.73	2.50	5.00	ug/Kg
75-09-2	Methylene Chloride	8.00	U	3.50	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.50	U	0.86	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	2.50	U	0.80	2.50	5.00	ug/Kg
78-93-3	2-Butanone	20.0	U	6.50	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	2.50	U	0.97	2.50	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.50	U	0.75	2.50	5.00	ug/Kg
67-66-3	Chloroform	4.00	U	0.84	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.50	U	0.93	2.50	5.00	ug/Kg
108-87-2	Methylcyclohexane	2.50	U	0.91	2.50	5.00	ug/Kg
71-43-2	Benzene	2.50	U	0.79	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	2.50	U	0.79	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	2.50	U	0.81	2.50	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	2.50	U	0.91	2.50	5.00	ug/Kg
75-27-4	Bromodichloromethane	2.50	U	0.78	2.50	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	3.60	12.5	25.0	ug/Kg
108-88-3	Toluene	2.50	U	0.78	2.50	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.50	U	0.65	2.50	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.50	U	0.62	2.50	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.50	U	0.92	2.50	5.00	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.70	12.5	25.0	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY0611SBL01	SDG No.:	Q2251
Lab Sample ID:	VY0611SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022653.D	1		06/11/25 10:30	VY061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
124-48-1	Dibromochloromethane	2.50	U	0.87	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	2.50	U	1.10	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	2.50	U	0.91	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	2.50	U	0.67	2.50	5.00	ug/Kg
179601-23-1	m/p-Xylenes	5.00	U	1.20	5.00	10.0	ug/Kg
95-47-6	o-Xylene	2.50	U	0.82	2.50	5.00	ug/Kg
100-42-5	Styrene	2.50	U	0.71	2.50	5.00	ug/Kg
75-25-2	Bromoform	2.50	U	0.86	2.50	5.00	ug/Kg
98-82-8	Isopropylbenzene	2.50	U	0.78	2.50	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.50	U	1.20	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.50	U	1.70	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.50	U	1.60	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.50	U	1.50	2.50	5.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.4		71 - 136		97%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.0		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.6		79 - 119		79%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	168000	7.707				
540-36-3	1,4-Difluorobenzene	308000	8.616				
3114-55-4	Chlorobenzene-d5	246000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	84300	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022653.D
Acq On : 11 Jun 2025 10:30
Operator : SY/MD
Sample : VY0611SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Quant Time: Jun 12 05:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	167932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	308222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	245642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	84338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90855	48.373	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.740%			
35) Dibromofluoromethane	7.634	113	93125	50.619	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.240%			
50) Toluene-d8	10.109	98	371516	49.978	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.408	95	87668	39.582	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.160%			

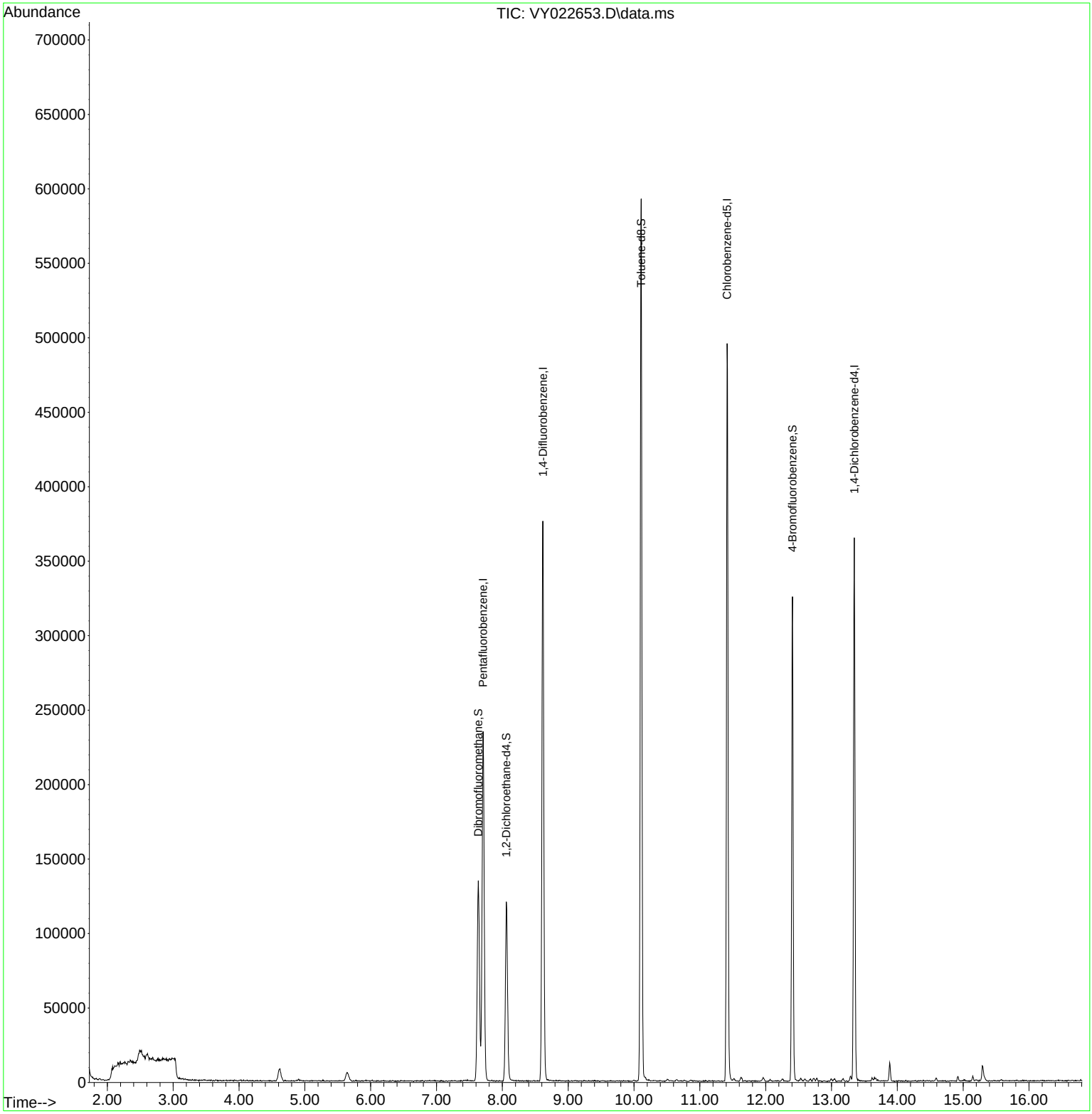
Target Compounds Qvalue

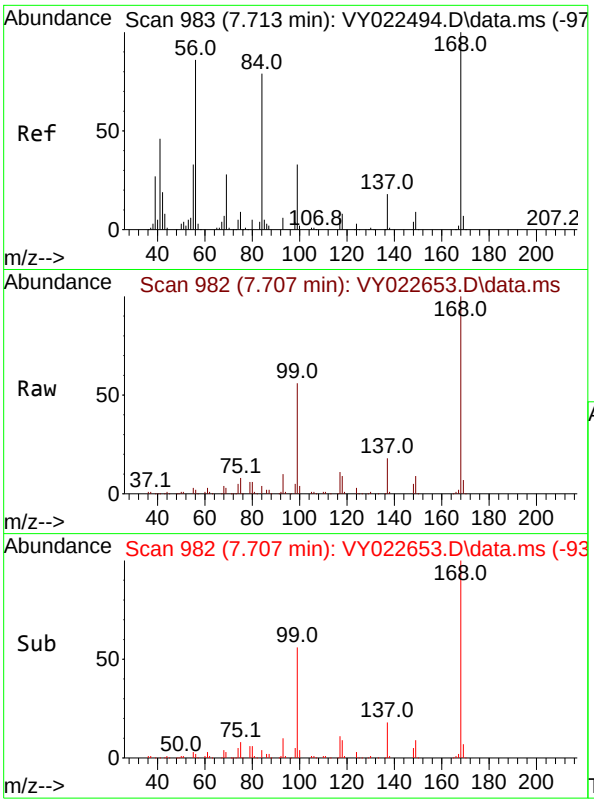
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022653.D
Acq On : 11 Jun 2025 10:30
Operator : SY/MD
Sample : VY0611SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Quant Time: Jun 12 05:03:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



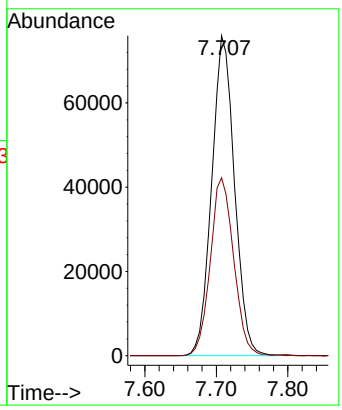


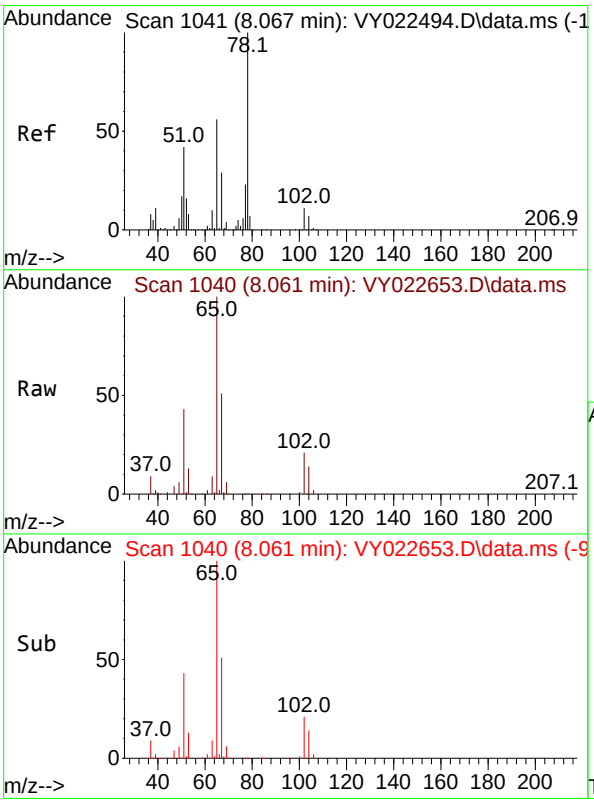
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Tgt Ion:168 Resp: 167932

Ion	Ratio	Lower	Upper
168	100		
99	55.6	44.3	66.5

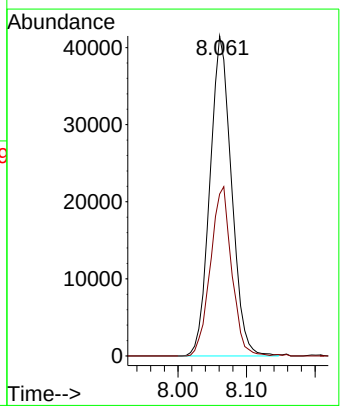


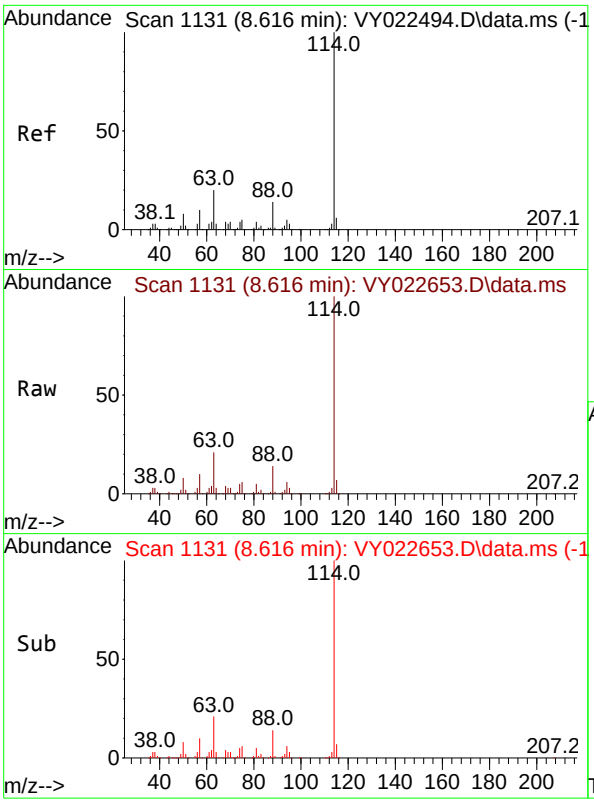


#33
1,2-Dichloroethane-d4
Concen: 48.373 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion: 65 Resp: 90855

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.4



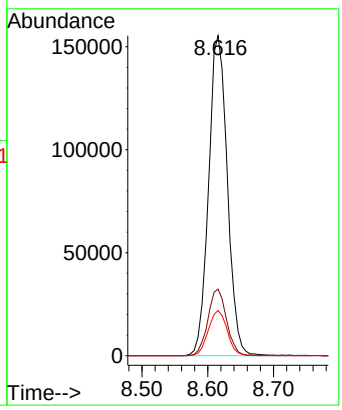


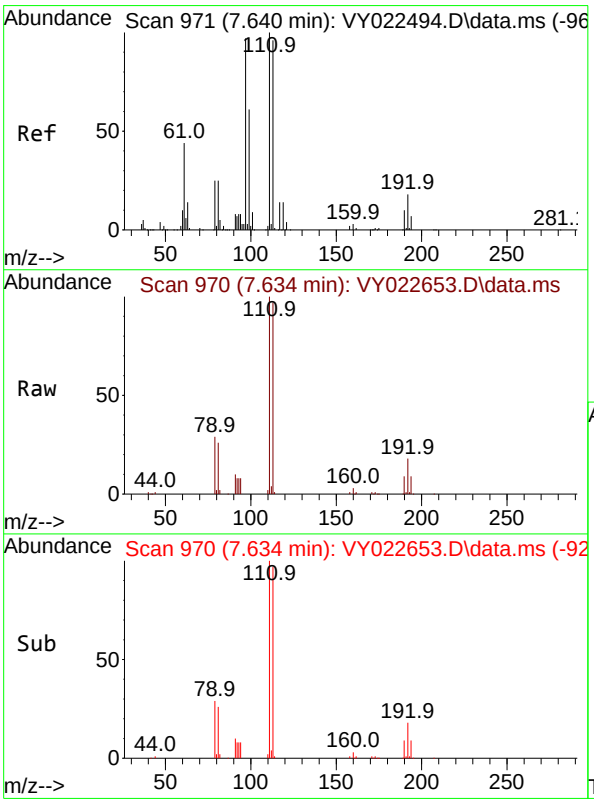
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Tgt Ion:114 Resp: 308222

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	14.1	0.0	27.8

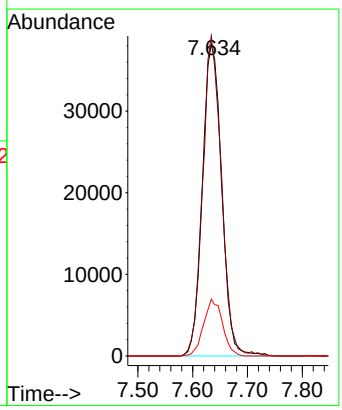


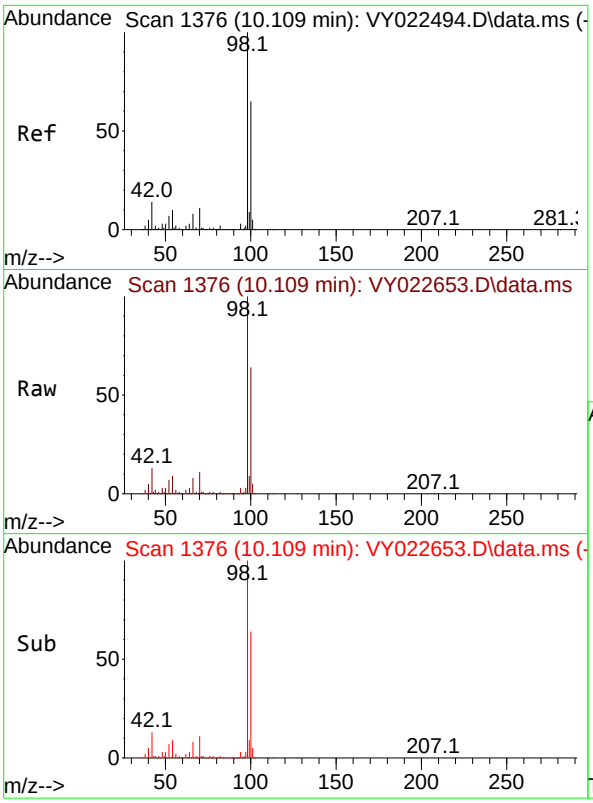


#35
Dibromofluoromethane
Concen: 50.619 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion:113 Resp: 93125

Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.1	121.7
192	17.9	14.2	21.2



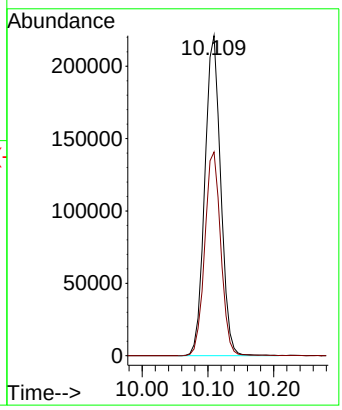


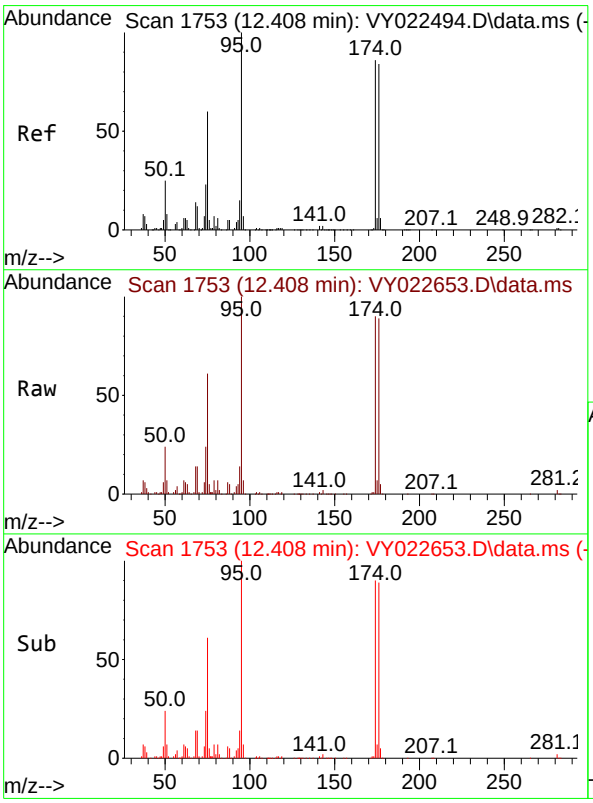
#50
Toluene-d8
Concen: 49.978 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Tgt Ion: 98 Resp: 371516

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0

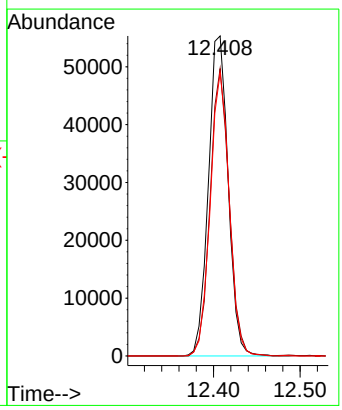


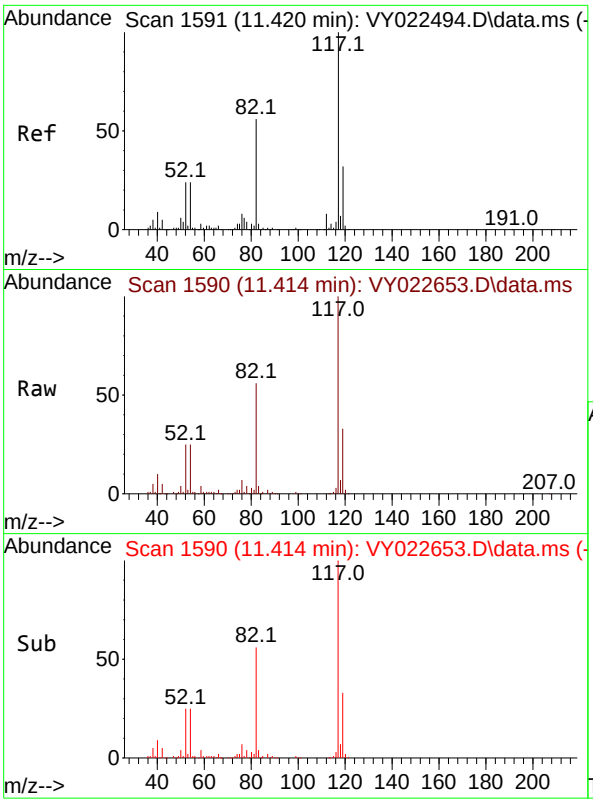


#62
4-Bromofluorobenzene
Concen: 39.582 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion: 95 Resp: 87668

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	170.0
176	85.4	0.0	166.2



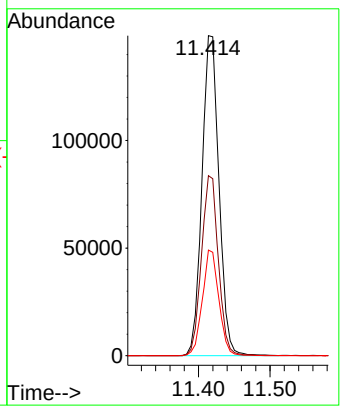


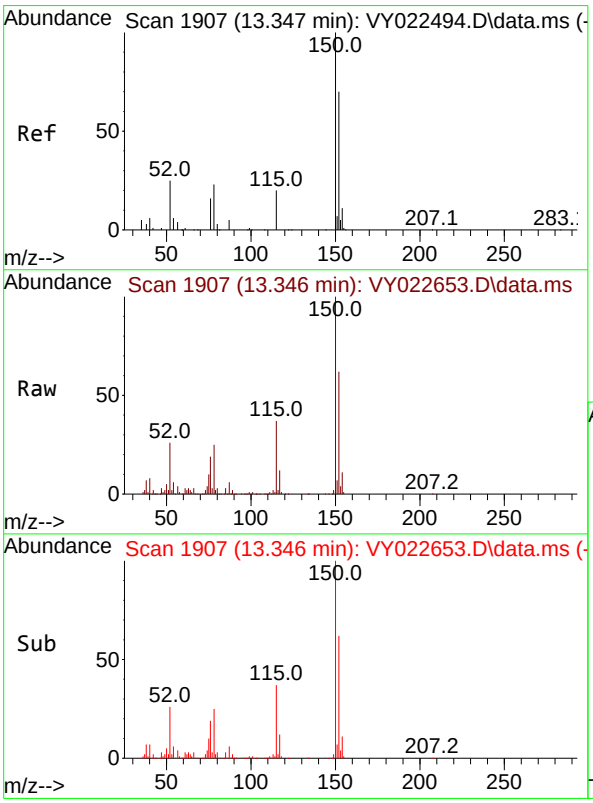
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Tgt Ion:117 Resp: 245642

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.6	66.8
119	33.0	25.4	38.0

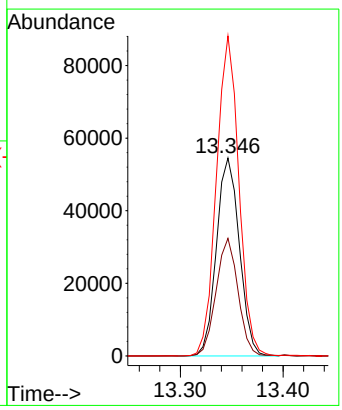




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion:152 Resp: 84338

Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.9	86.7
150	158.2	0.0	349.6



LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022653.D
Acq On : 11 Jun 2025 10:30
Operator : SY/MD
Sample : VY0611SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Title : SW846 8260

Signal : TIC: VY022653.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.080	50	59	60	rBV2	9096	16055	1.58%	0.329%
2	2.489	121	126	128	rBV5	6408	11347	1.12%	0.233%
3	4.622	466	476	485	rVB5	8437	26165	2.57%	0.536%
4	5.640	635	643	655	rVB4	5959	19925	1.96%	0.408%
5	7.634	960	970	976	rBV	134349	319247	31.40%	6.543%
6	7.707	976	982	994	rVB	234277	522699	51.41%	10.713%
7	8.061	1030	1040	1055	rBV	120720	272058	26.76%	5.576%
8	8.616	1122	1131	1141	rBV	376069	743883	73.17%	15.247%
9	10.109	1364	1376	1385	rBV	592473	1016646	100.00%	20.837%
10	11.414	1583	1590	1602	rBV	495232	815269	80.19%	16.710%
11	12.408	1746	1753	1760	rBV	324980	511180	50.28%	10.477%
12	13.346	1900	1907	1915	rVB	364531	562886	55.37%	11.537%
13	13.883	1989	1995	2002	rVB2	12347	17871	1.76%	0.366%
14	15.291	2219	2226	2241	rVB	10430	23751	2.34%	0.487%

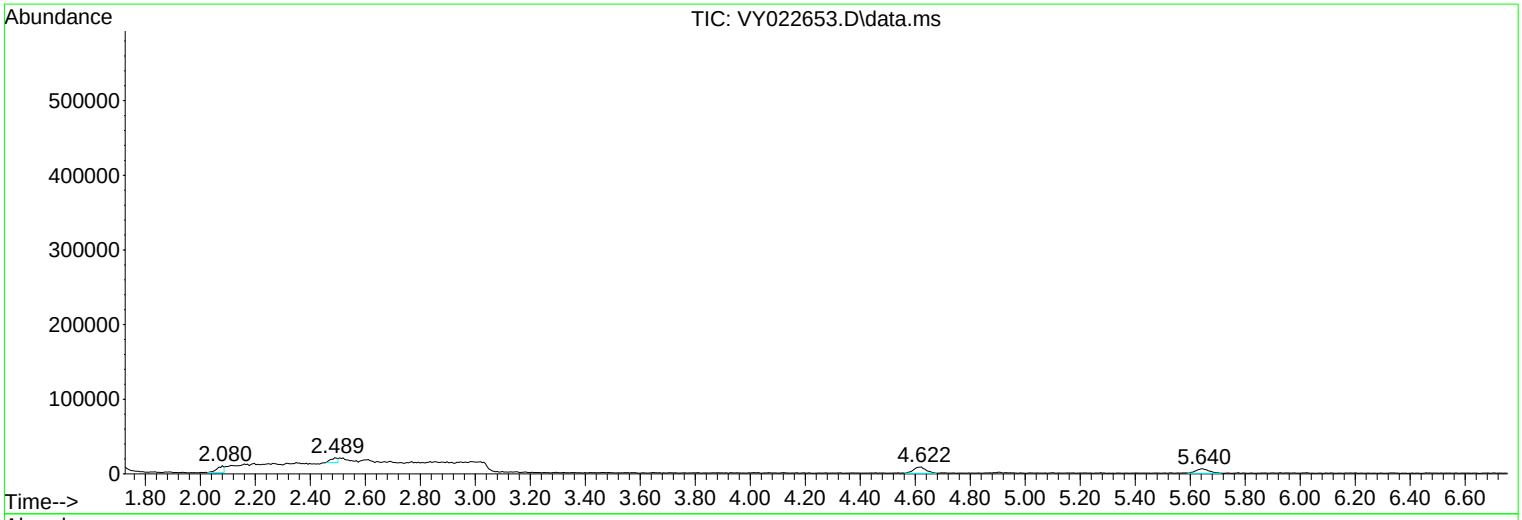
Sum of corrected areas: 4878982

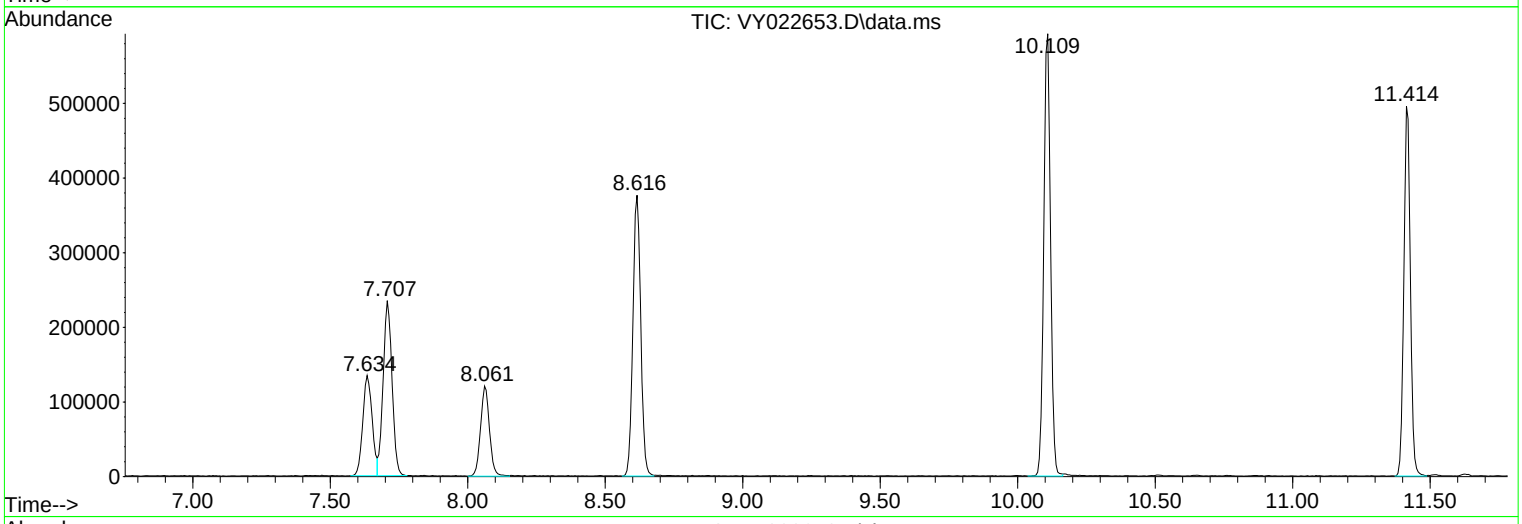
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022653.D
Acq On : 11 Jun 2025 10:30
Operator : SY/MD
Sample : VY0611SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

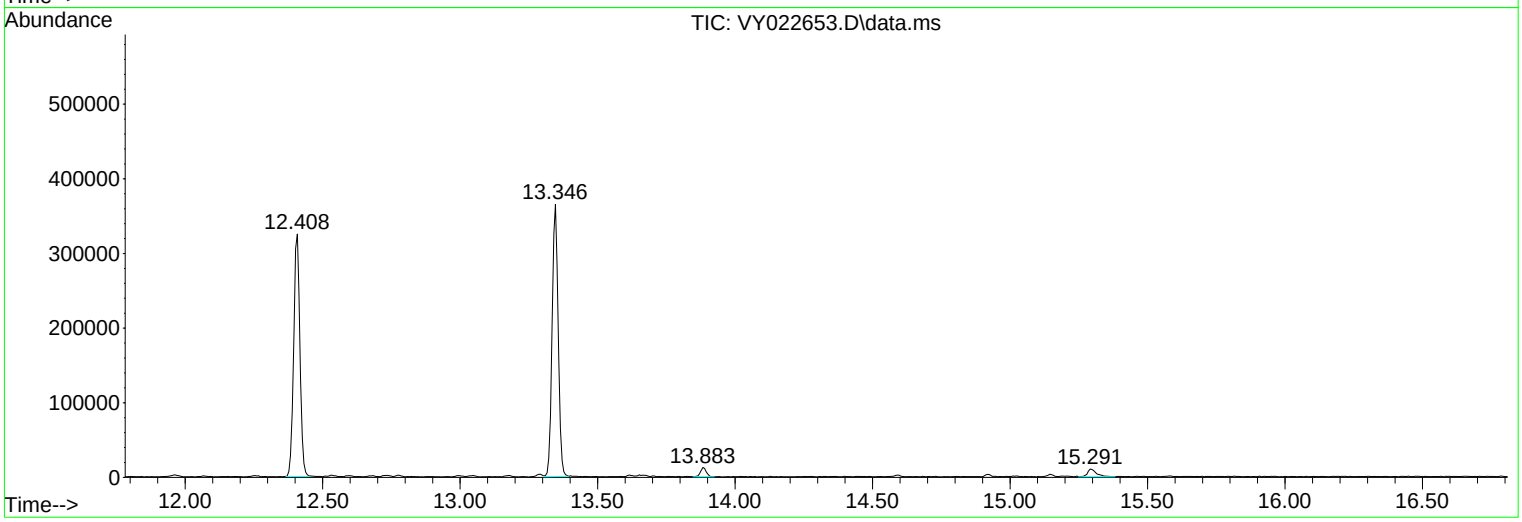
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022653.D
Acq On : 11 Jun 2025 10:30
Operator : SY/MD
Sample : VY0611SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022653.D
Acq On : 11 Jun 2025 10:30
Operator : SY/MD
Sample : VY0611SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VN0610WBS01	SDG No.:	Q2251
Lab Sample ID:	VN0610WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086916.D	1		06/10/25 10:30	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	15.9		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	18.0		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	19.7		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	18.4		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.3		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.2		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	0.75	1.00	ug/L
67-64-1	Acetone	80.3		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	17.1		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.7		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	17.4		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.9		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.2		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	84.0		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.7		0.19	0.75	1.00	ug/L
67-66-3	Chloroform	18.2		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	15.9		0.16	0.50	1.00	ug/L
71-43-2	Benzene	18.5		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.7		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	19.3		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.6		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	91.5		0.68	2.50	5.00	ug/L
108-88-3	Toluene	19.0		0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.6		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	87.4		0.89	2.50	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VN0610WBS01	SDG No.:	Q2251
Lab Sample ID:	VN0610WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086916.D	1		06/10/25 10:30	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	19.5		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	17.9		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	18.9		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	18.3		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	37.7		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	18.9		0.12	0.50	1.00	ug/L
100-42-5	Styrene	19.0		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	20.1		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	18.1		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.8		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.7		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.8		0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	45.4		81 - 118		91%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	48.6		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	250000	8.23				
540-36-3	1,4-Difluorobenzene	443000	9.106				
3114-55-4	Chlorobenzene-d5	389000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	190000	13.788				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086916.D
Acq On : 10 Jun 2025 10:30
Operator : JC\MD
Sample : VN0610WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	249843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	443174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	389297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	189620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	151805	45.381	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.760%		
35) Dibromofluoromethane	8.177	113	129937	49.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.940%		
50) Toluene-d8	10.571	98	505508	48.620	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.240%		
62) 4-Bromofluorobenzene	12.847	95	186676	48.327	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	47416	19.034	ug/l	98
3) Chloromethane	2.401	50	51246	15.931	ug/l	100
4) Vinyl Chloride	2.553	62	59638	17.973	ug/l	98
5) Bromomethane	3.000	94	36539	19.677	ug/l	96
6) Chloroethane	3.159	64	39443	18.402	ug/l	96
7) Trichlorofluoromethane	3.530	101	79526	18.343	ug/l	97
8) Diethyl Ether	3.983	74	35508	18.798	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	49596	18.208	ug/l	99
10) Methyl Iodide	4.612	142	51915	14.703	ug/l	95
11) Tert butyl alcohol	5.530	59	74605	82.194	ug/l	99
12) 1,1-Dichloroethene	4.365	96	52125	18.744	ug/l	90
13) Acrolein	4.200	56	22542	78.459	ug/l	98
14) Allyl chloride	5.047	41	78157	16.947	ug/l	97
15) Acrylonitrile	5.741	53	189727	89.429	ug/l	99
16) Acetone	4.447	43	142458	80.306	ug/l	97
17) Carbon Disulfide	4.736	76	131873	17.144	ug/l	100
18) Methyl Acetate	5.047	43	88551	17.129	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	187833	18.655	ug/l	99
20) Methylene Chloride	5.300	84	57671	17.365	ug/l	95
21) trans-1,2-Dichloroethene	5.812	96	55486	17.934	ug/l	96
22) Diisopropyl ether	6.688	45	176809	18.188	ug/l	96
23) Vinyl Acetate	6.618	43	744861	90.687	ug/l	98
24) 1,1-Dichloroethane	6.583	63	101669	18.173	ug/l	98
25) 2-Butanone	7.494	43	242187	83.991	ug/l	95
26) 2,2-Dichloropropane	7.500	77	89631	20.596	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	69159	18.691	ug/l	99
28) Bromochloromethane	7.824	49	45748	16.632	ug/l	93
29) Tetrahydrofuran	7.847	42	160591	85.494	ug/l	97
30) Chloroform	7.977	83	101594	18.184	ug/l	97
31) Cyclohexane	8.265	56	89487	16.494	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	85981	18.094	ug/l	98
36) 1,1-Dichloropropene	8.382	75	74129	18.942	ug/l	100
37) Ethyl Acetate	7.571	43	88740	17.812	ug/l	99
38) Carbon Tetrachloride	8.371	117	72144	18.777	ug/l	97
39) Methylcyclohexane	9.606	83	85476	15.942	ug/l	96
40) Benzene	8.612	78	236213	18.458	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086916.D
Acq On : 10 Jun 2025 10:30
Operator : JC\MD
Sample : VN0610WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	48124	17.200	ug/l		93
42) 1,2-Dichloroethane	8.677	62	72690	18.727	ug/l		99
43) Isopropyl Acetate	8.694	43	144037	18.014	ug/l		97
44) Trichloroethene	9.353	130	58449	19.262	ug/l		97
45) 1,2-Dichloropropane	9.624	63	58046	18.644	ug/l		97
46) Dibromomethane	9.712	93	39229	18.970	ug/l		98
47) Bromodichloromethane	9.888	83	80034	18.810	ug/l		99
48) Methyl methacrylate	9.682	41	64650	17.567	ug/l		96
49) 1,4-Dioxane	9.700	88	23656	353.325	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.447	43	440301	91.469	ug/l		98
52) Toluene	10.629	92	148340	18.967	ug/l		97
53) t-1,3-Dichloropropene	10.835	75	93038	19.555	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	98066	19.264	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	58629	19.483	ug/l		99
56) Ethyl methacrylate	10.882	69	93272	19.460	ug/l		96
57) 1,3-Dichloropropane	11.165	76	99132	18.990	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	251485	87.967	ug/l		98
59) 2-Hexanone	11.206	43	271013	87.405	ug/l		91
60) Dibromochloromethane	11.359	129	61081	19.481	ug/l		99
61) 1,2-Dibromoethane	11.470	107	58347	18.916	ug/l		100
64) Tetrachloroethene	11.106	164	44151	17.920	ug/l		94
65) Chlorobenzene	11.888	112	162051	18.874	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	52766	19.118	ug/l		99
67) Ethyl Benzene	11.965	91	270410	18.284	ug/l		98
68) m/p-Xylenes	12.070	106	213409	37.696	ug/l		96
69) o-Xylene	12.400	106	102597	18.922	ug/l		98
70) Styrene	12.412	104	176358	19.008	ug/l		99
71) Bromoform	12.576	173	41058	20.077	ug/l	#	98
73) Isopropylbenzene	12.694	105	249411	18.055	ug/l		100
74) N-amyl acetate	12.529	43	98634m	20.433	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.941	83	90657	19.372	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	77098m	17.105	ug/l		
77) Bromobenzene	12.976	156	61956	19.557	ug/l		97
78) n-propylbenzene	13.035	91	298896	17.805	ug/l		100
79) 2-Chlorotoluene	13.123	91	183491	18.226	ug/l		96
80) 1,3,5-Trimethylbenzene	13.170	105	201924	17.705	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	39145	19.992	ug/l		91
82) 4-Chlorotoluene	13.217	91	188207	18.476	ug/l		99
83) tert-Butylbenzene	13.435	119	186449	17.859	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	206670	18.071	ug/l		100
85) sec-Butylbenzene	13.612	105	255364	16.843	ug/l		99
86) p-Isopropyltoluene	13.729	119	212141	16.927	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	117325	18.823	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	118648	18.671	ug/l		99
89) n-Butylbenzene	14.053	91	197259	16.250	ug/l		99
90) Hexachloroethane	14.329	117	36492	17.178	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	112799	18.837	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20803	18.587	ug/l		99
93) 1,2,4-Trichlorobenzene	15.388	180	64838	16.956	ug/l		100
94) Hexachlorobutadiene	15.500	225	20732	14.552	ug/l		98
95) Naphthalene	15.635	128	257750	18.109	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	59536	15.670	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086916.D
Acq On : 10 Jun 2025 10:30
Operator : JC\MD
Sample : VN0610WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Manual Integrations APPROVED

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Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086916.D
Acq On : 10 Jun 2025 10:30
Operator : JC\MD
Sample : VN0610WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
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VN0610WBS01

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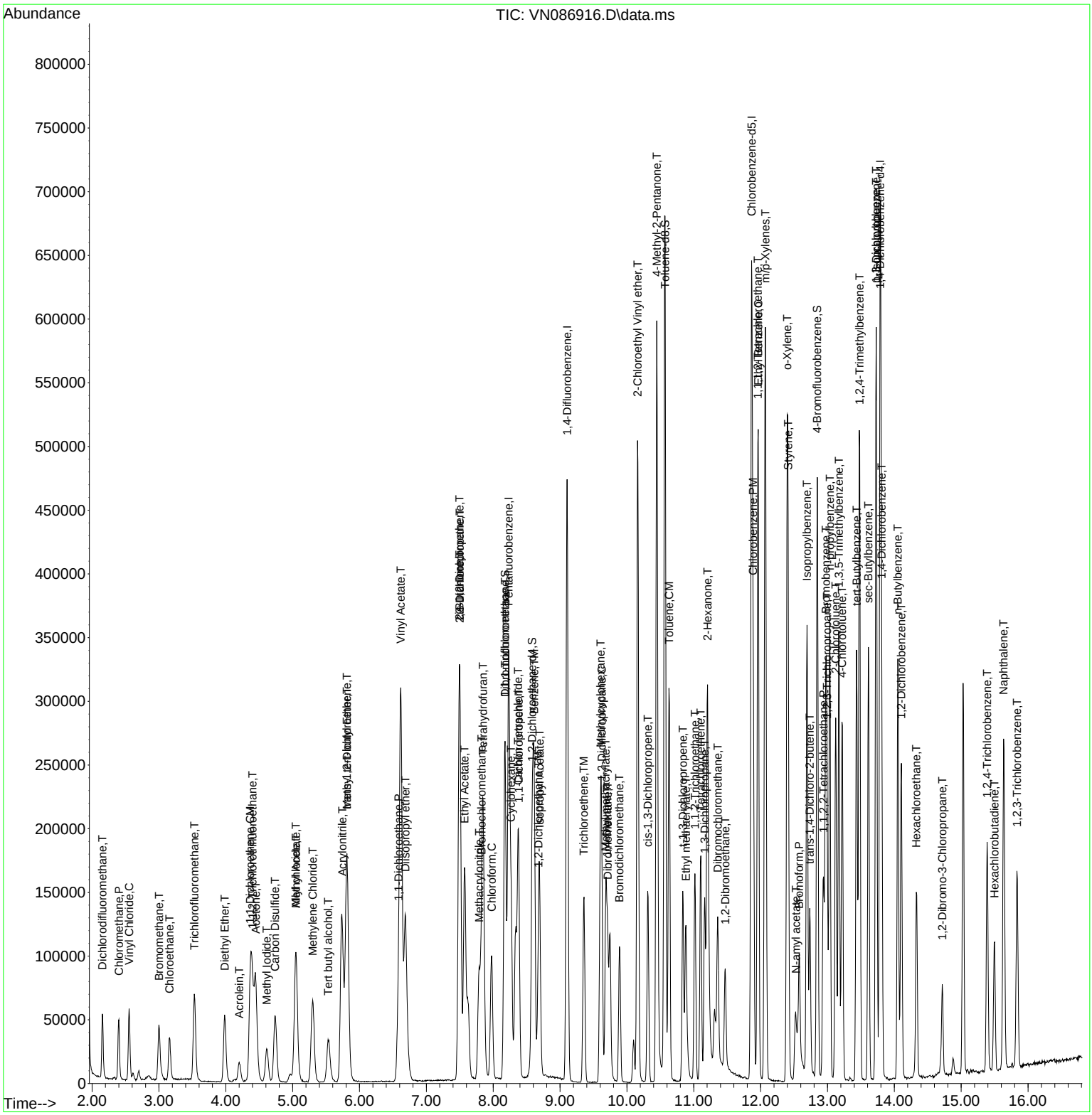
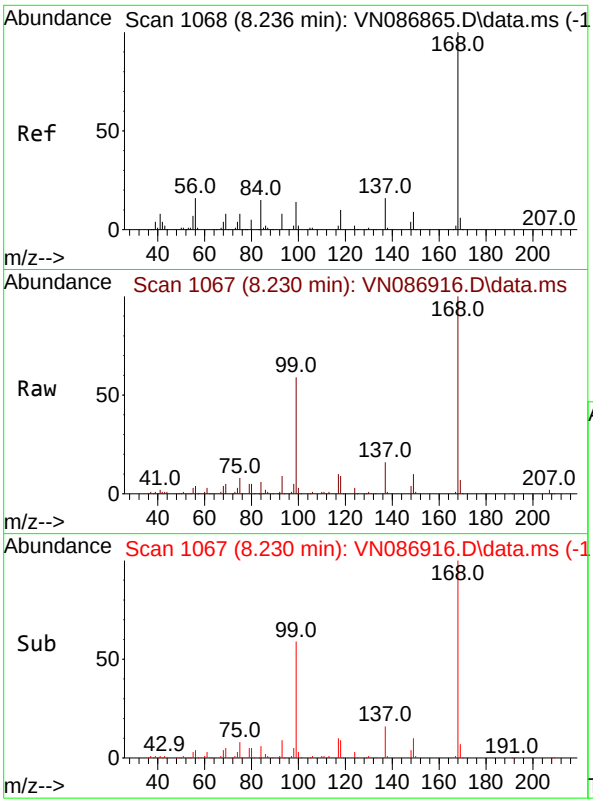
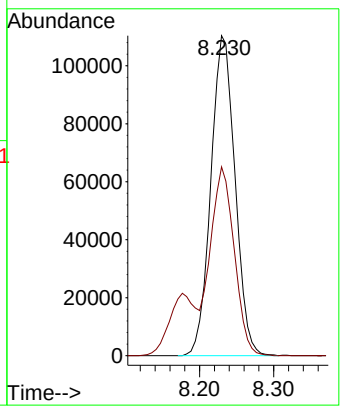




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:168 Resp: 24984

Ion	Ratio	Lower	Upper
168	100		
99	59.0	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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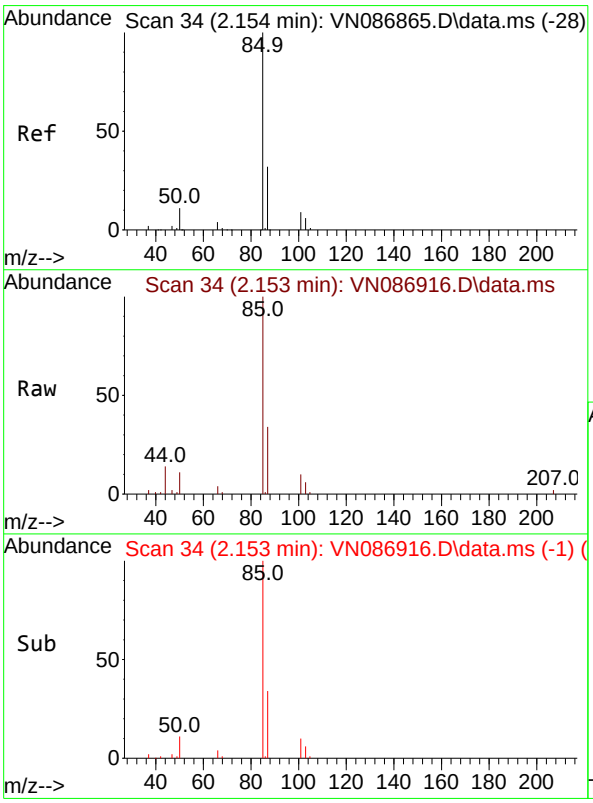
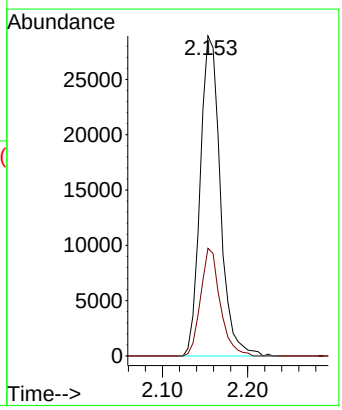
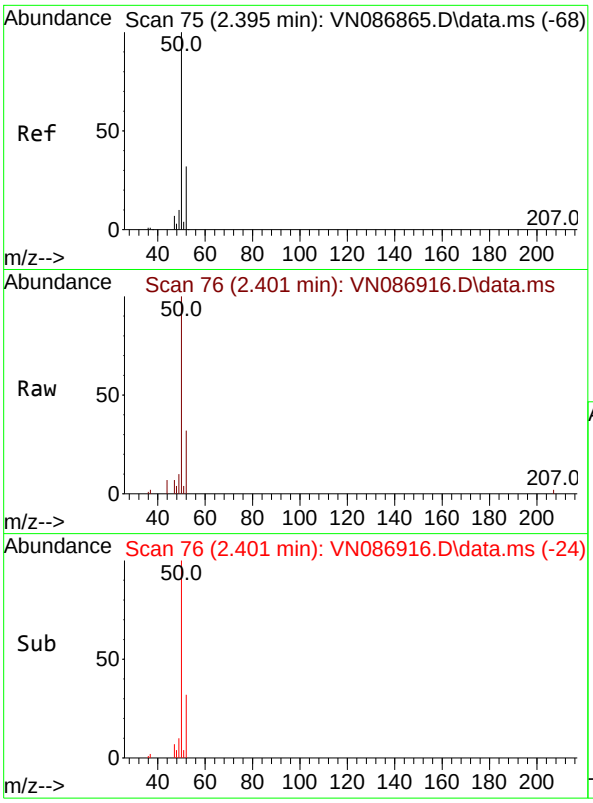


#2
Dichlorodifluoromethane
Concen: 19.034 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 85 Resp: 47416

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.2	48.6

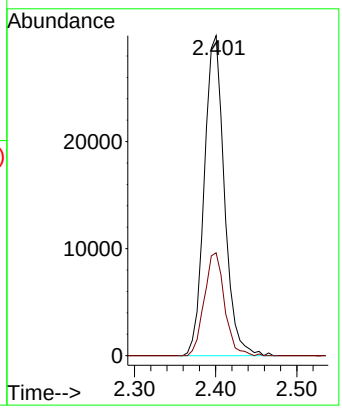




#3
Chloromethane
Concen: 15.931 ug/l
RT: 2.401 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 50 Resp: 5124

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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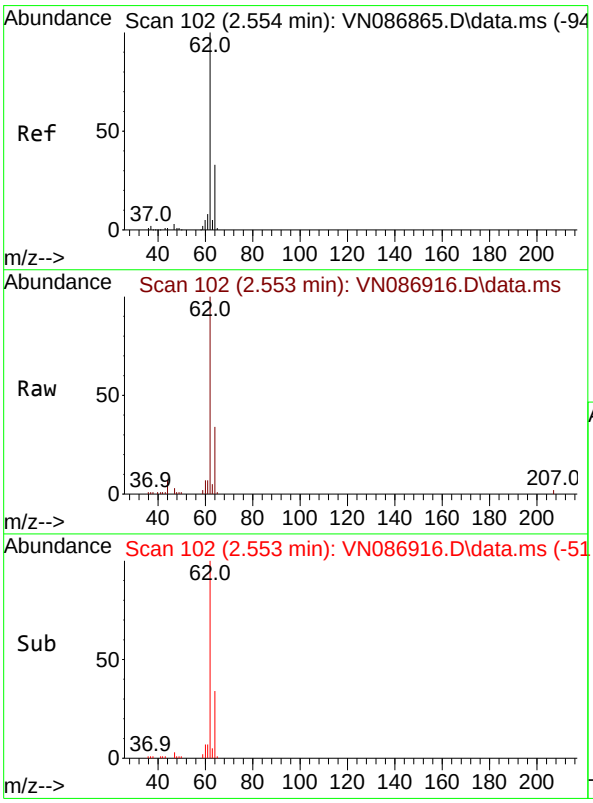
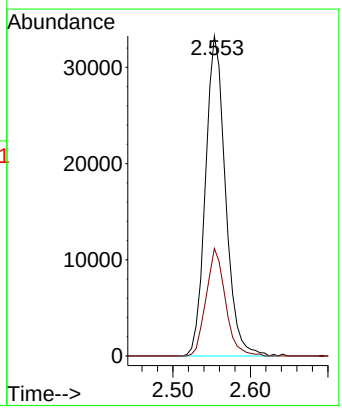
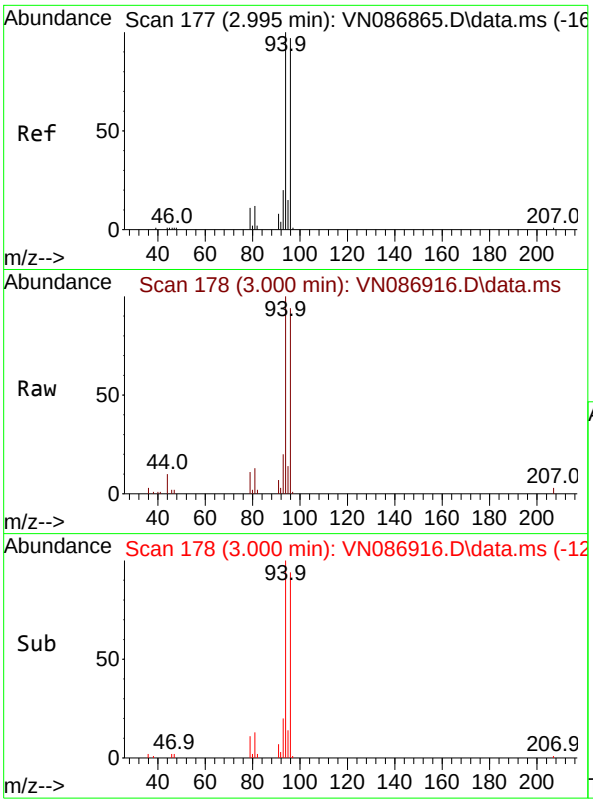


#4
Vinyl Chloride
Concen: 17.973 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 62 Resp: 59638

Ion	Ratio	Lower	Upper
62	100		
64	33.6	26.0	39.0

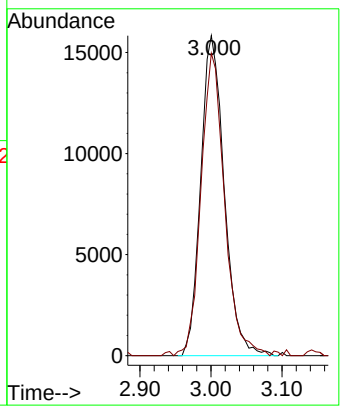




#5
Bromomethane
Concen: 19.677 ug/l
RT: 3.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 94 Resp: 3653

Ion	Ratio	Lower	Upper
94	100		
96	93.4	77.9	116.9



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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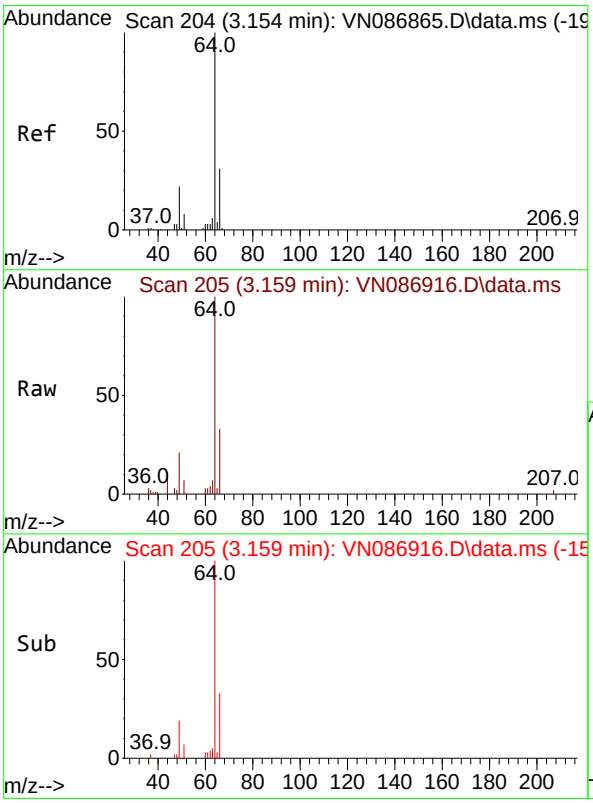
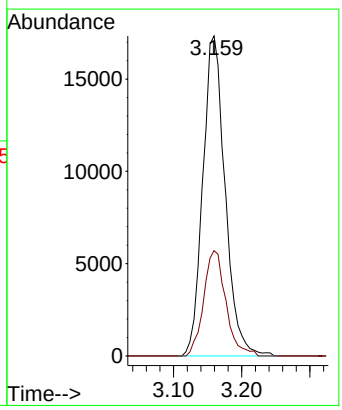
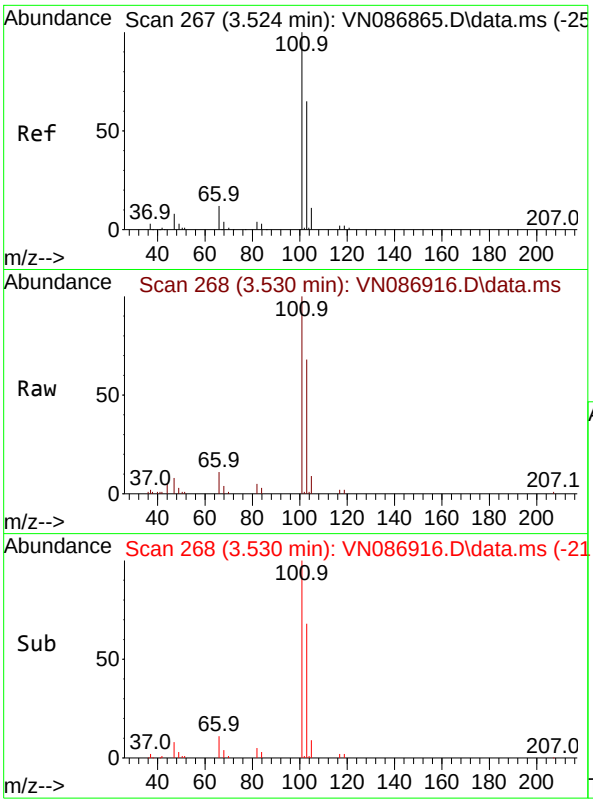


#6
Chloroethane
Concen: 18.402 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 64 Resp: 39443

Ion	Ratio	Lower	Upper
64	100		
66	32.9	24.6	36.8

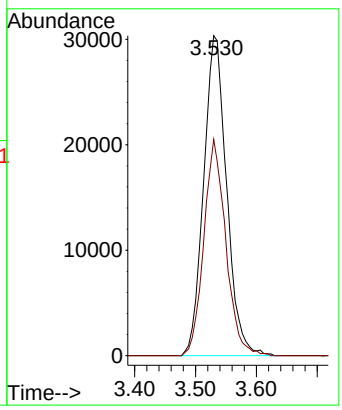




#7
Trichlorofluoromethane
Concen: 18.343 ug/l
RT: 3.530 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:101 Resp: 7952

Ion	Ratio	Lower	Upper
101	100		
103	67.6	52.2	78.2



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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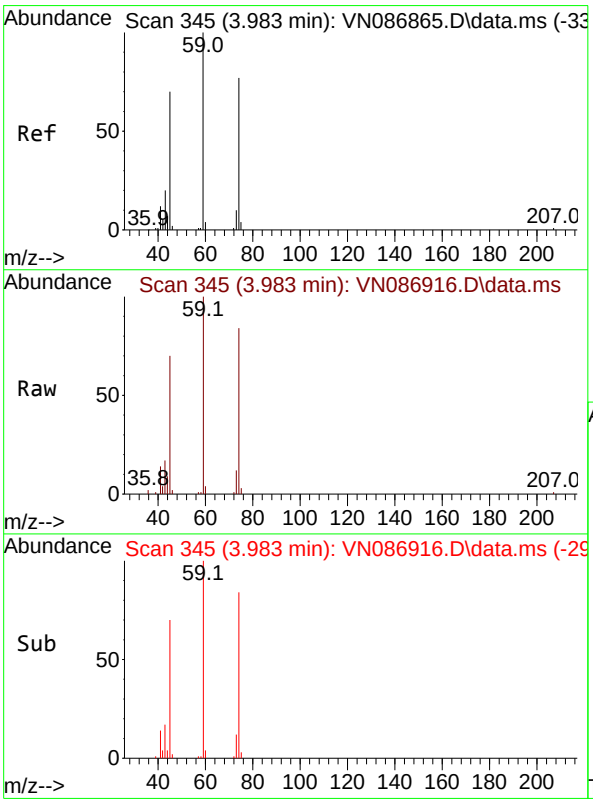
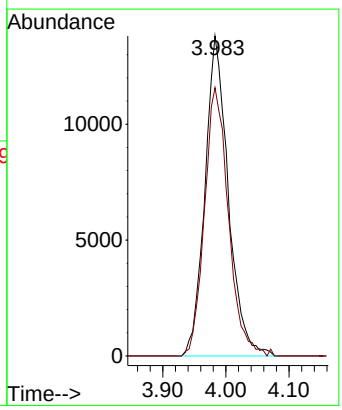
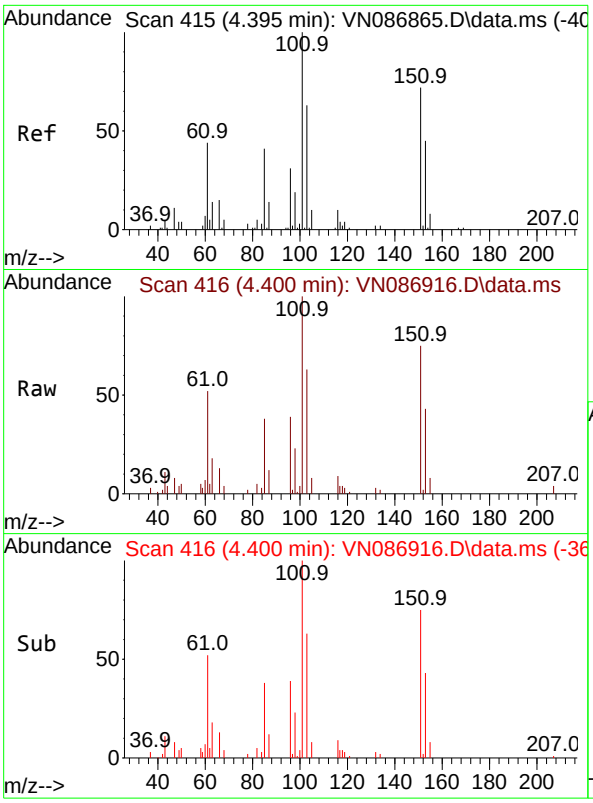


#8
Diethyl Ether
Concen: 18.798 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 74 Resp: 35508

Ion	Ratio	Lower	Upper
74	100		
45	86.0	45.5	136.5

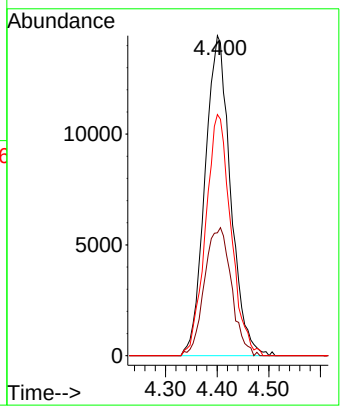




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.208 ug/l
RT: 4.400 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:101 Resp: 4959

Ion	Ratio	Lower	Upper
101	100		
85	42.1	33.8	50.8
151	74.8	58.7	88.1



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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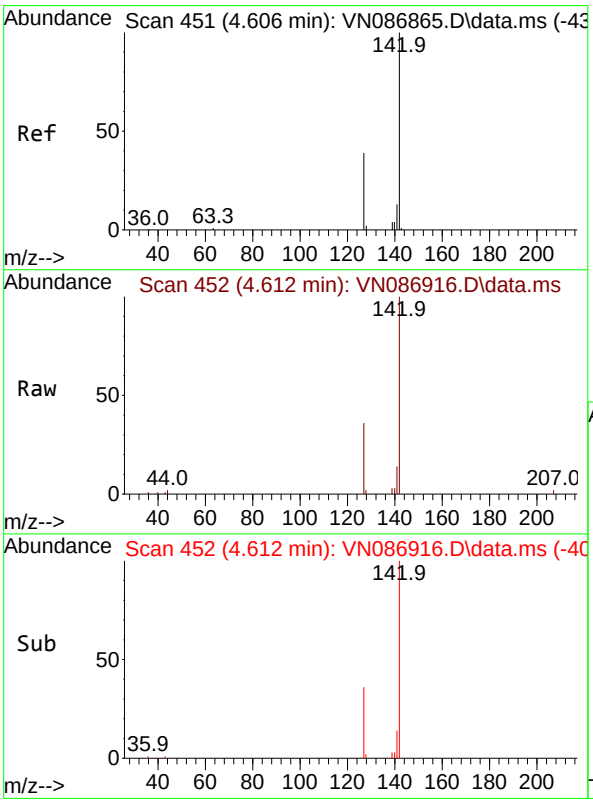
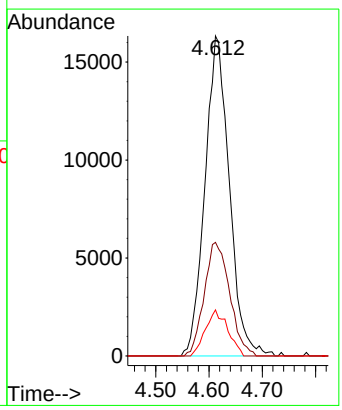
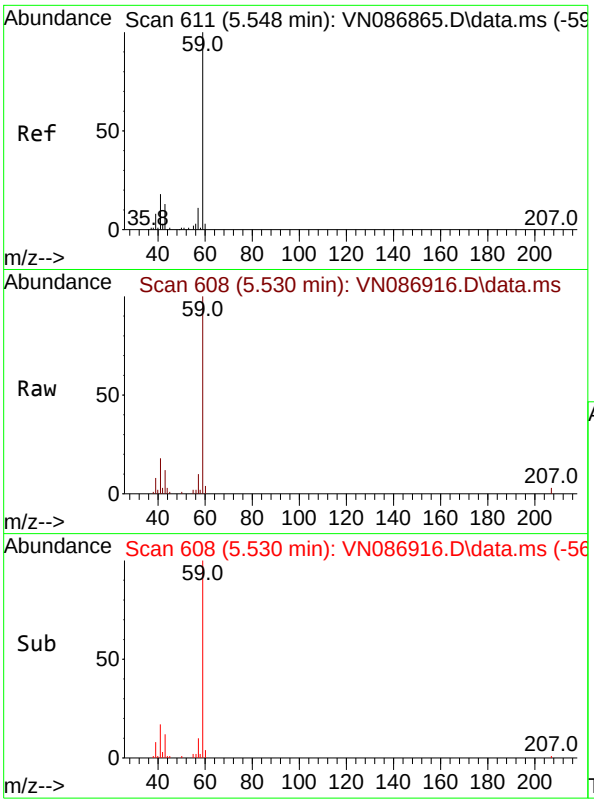


#10
Methyl Iodide
Concen: 14.703 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:142 Resp: 51915

Ion	Ratio	Lower	Upper
142	100		
127	35.5	30.9	46.3
141	14.4	10.4	15.6





#11
Tert butyl alcohol
Concen: 82.194 ug/l
RT: 5.530 min Scan# 6
Delta R.T. -0.018 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 59 Resp: 7460

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.1	12.1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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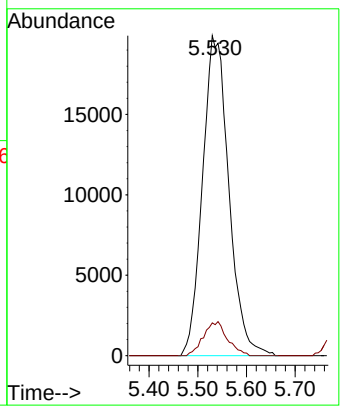
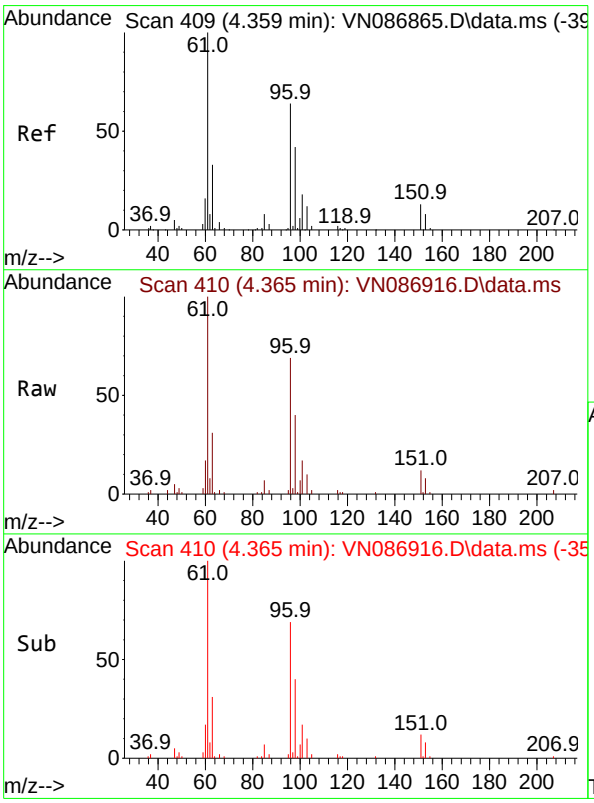
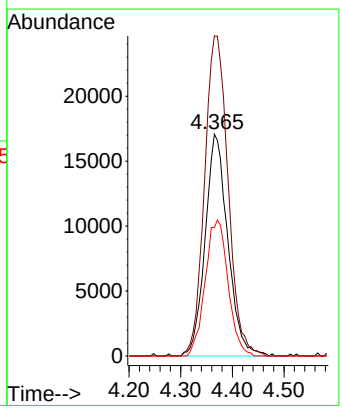


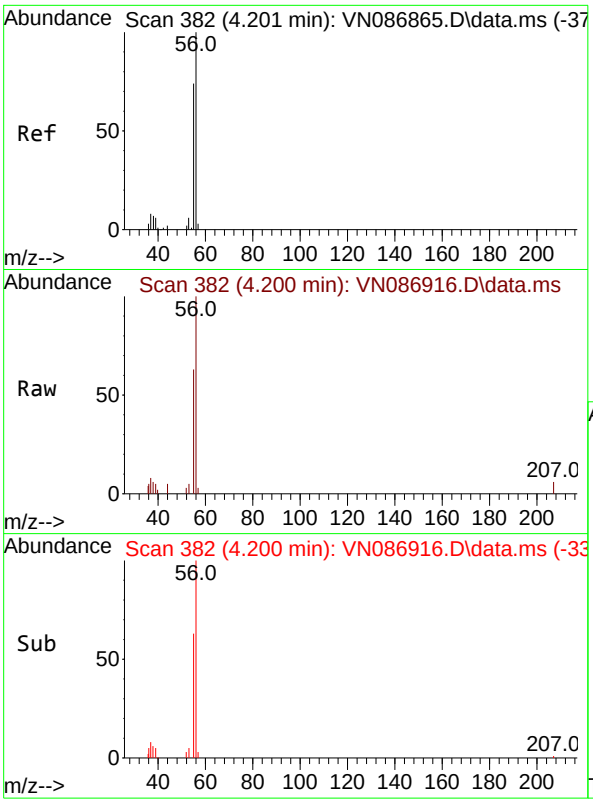


#12
1,1-Dichloroethene
Concen: 18.744 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 96 Resp: 52125

Ion	Ratio	Lower	Upper
96	100		
61	144.3	125.8	188.6
98	57.9	52.5	78.7

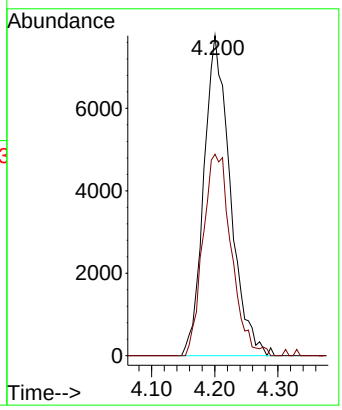




#13
Acrolein
Concen: 78.459 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 56 Resp: 2254

Ion	Ratio	Lower	Upper
56	100		
55	68.0	55.6	83.4



Instrument :
MSVOA_N
ClientSampleId :
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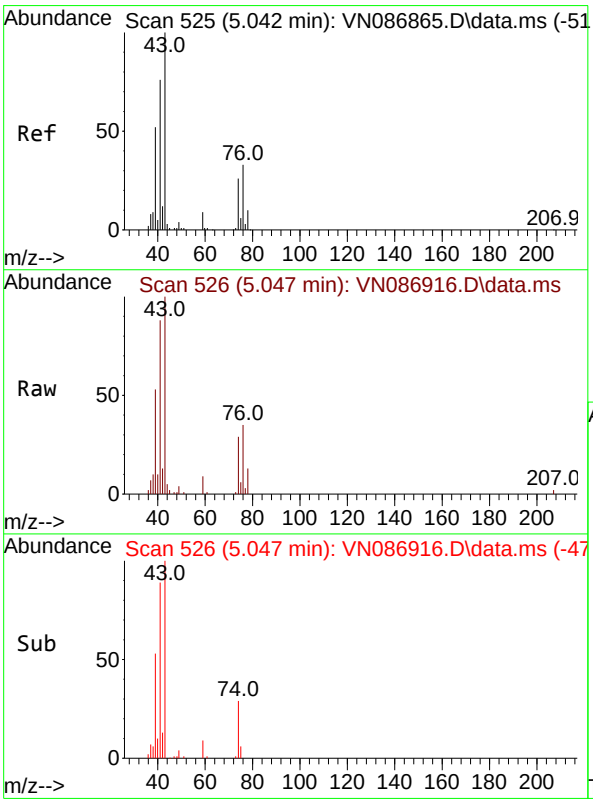
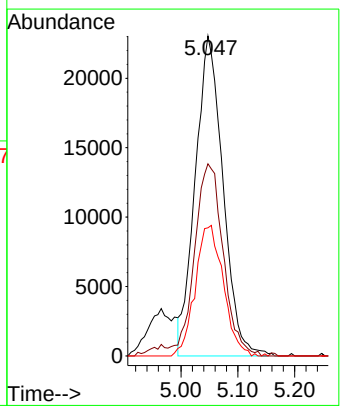
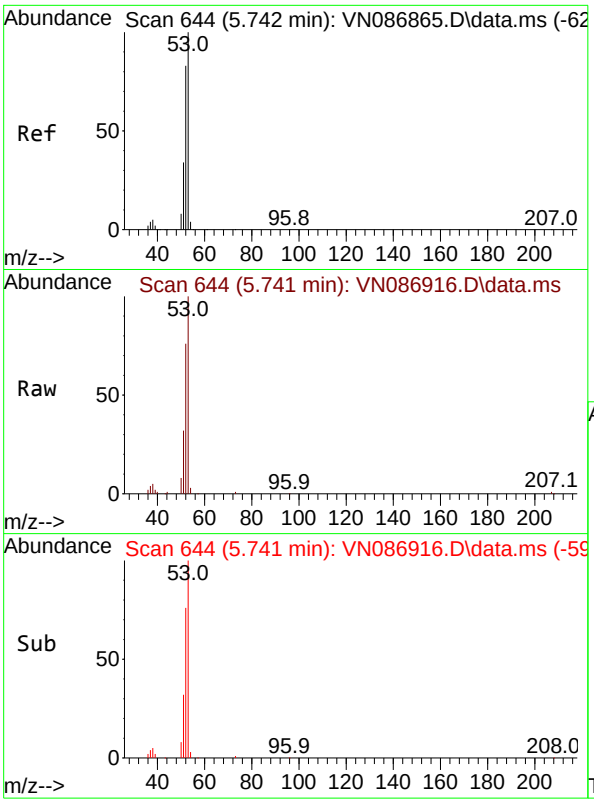


#14
Allyl chloride
Concen: 16.947 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 41 Resp: 78157

Ion	Ratio	Lower	Upper
41	100		
39	62.2	51.3	76.9
76	41.3	31.4	47.0





#15
Acrylonitrile
Concen: 89.429 ug/l
RT: 5.741 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 53 Resp: 18972

Ion	Ratio	Lower	Upper
53	100		
52	79.9	65.0	97.6
51	33.6	27.2	40.8

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Manual Integrations
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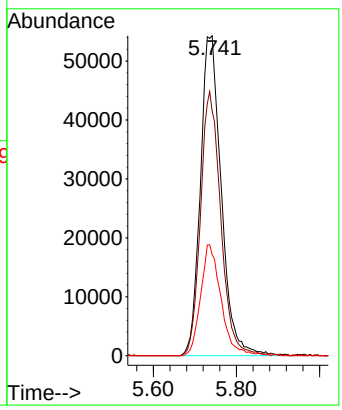
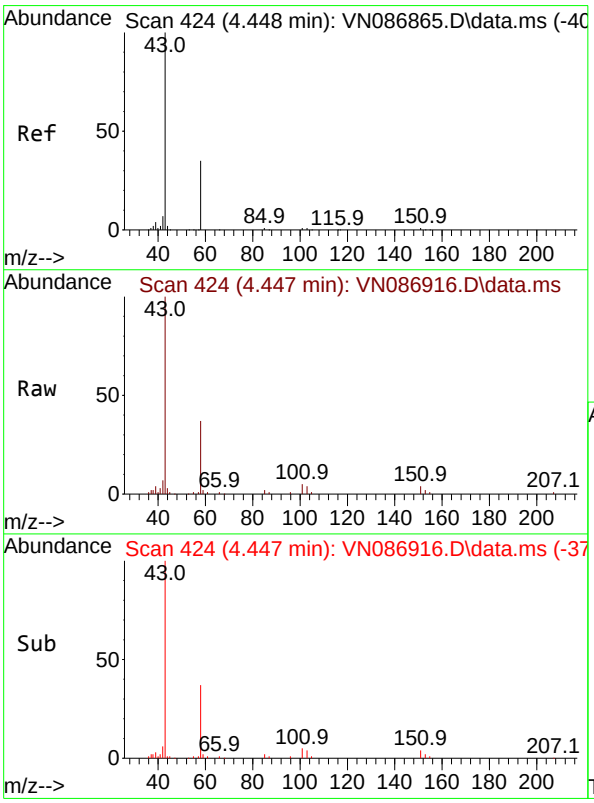
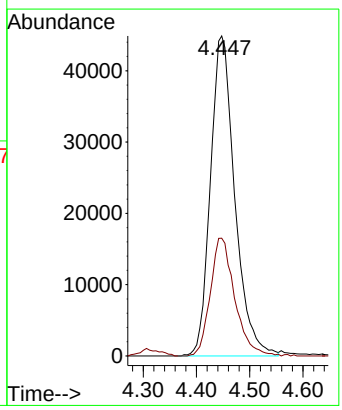


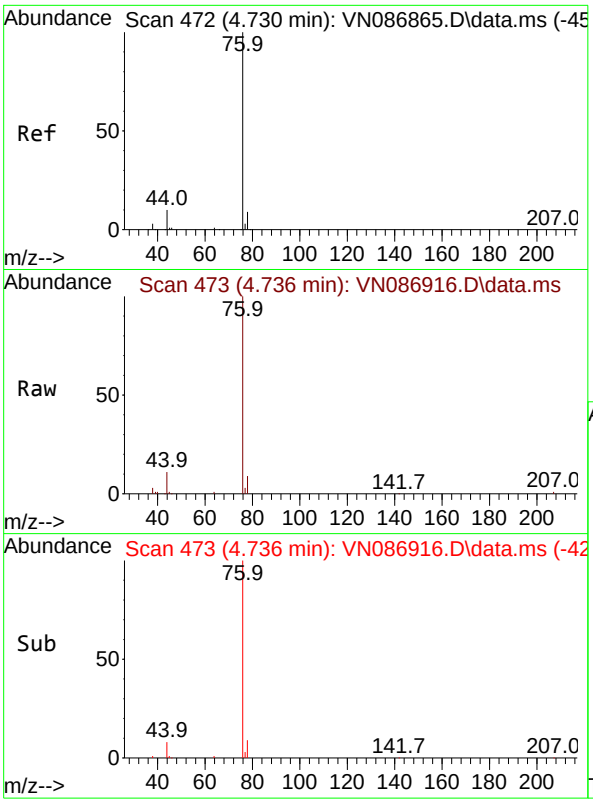


#16
Acetone
Concen: 80.306 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 142458

Ion	Ratio	Lower	Upper
43	100		
58	36.8	28.0	42.0

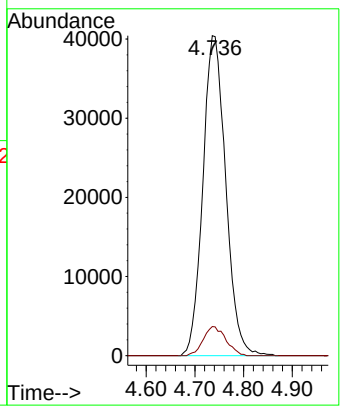




#17
Carbon Disulfide
Concen: 17.144 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 76 Resp: 13187

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Manual Integrations
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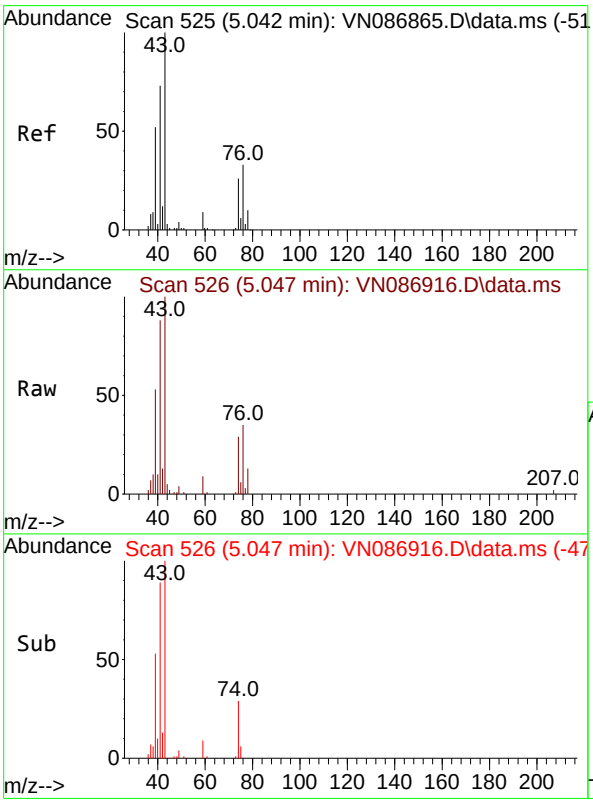
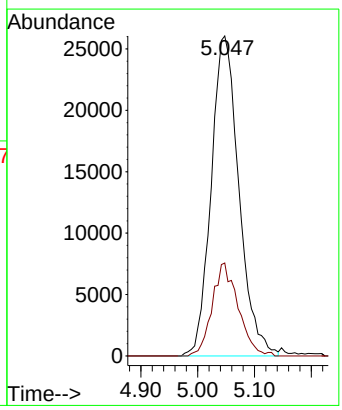
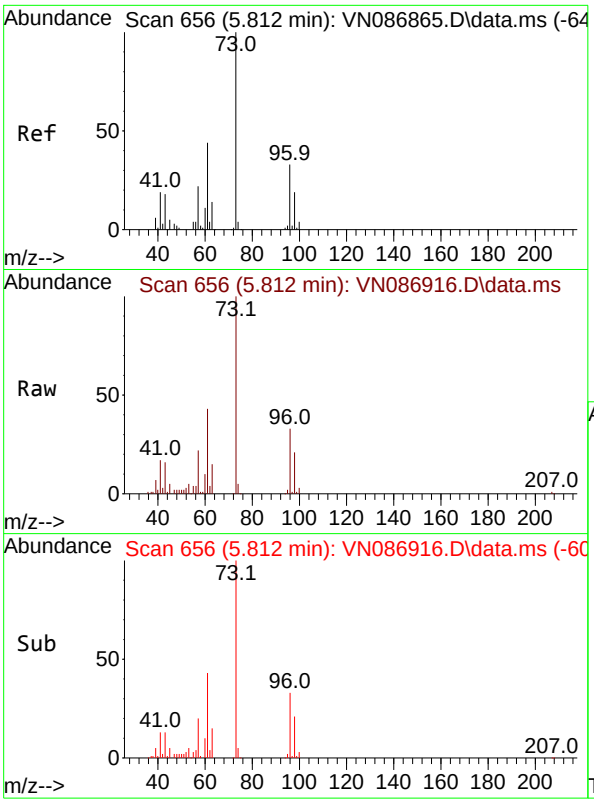


#18
Methyl Acetate
Concen: 17.129 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 88551

Ion	Ratio	Lower	Upper
43	100		
74	27.2	20.7	31.1





#19
Methyl tert-butyl Ether
Concen: 18.655 ug/l
RT: 5.812 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 73 Resp: 18783

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.4	26.2

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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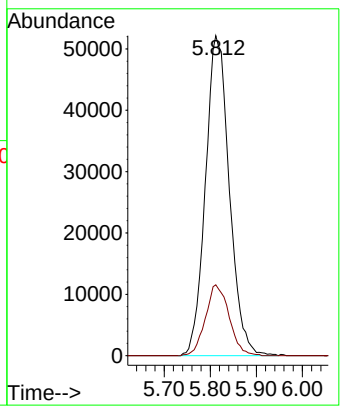
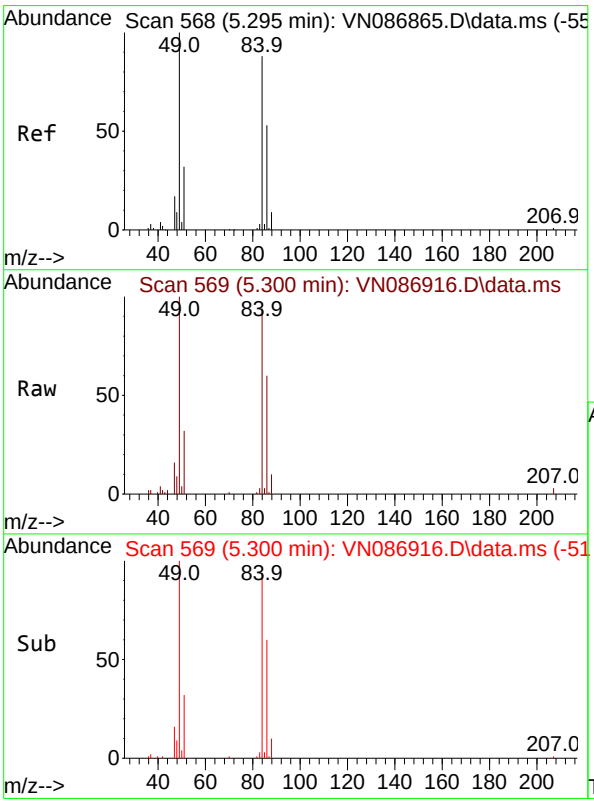
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

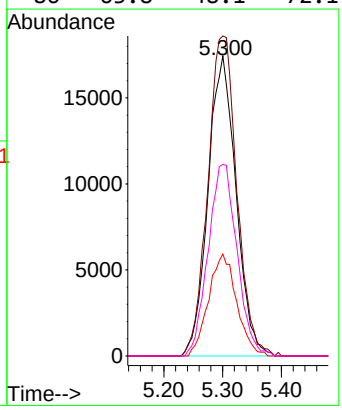


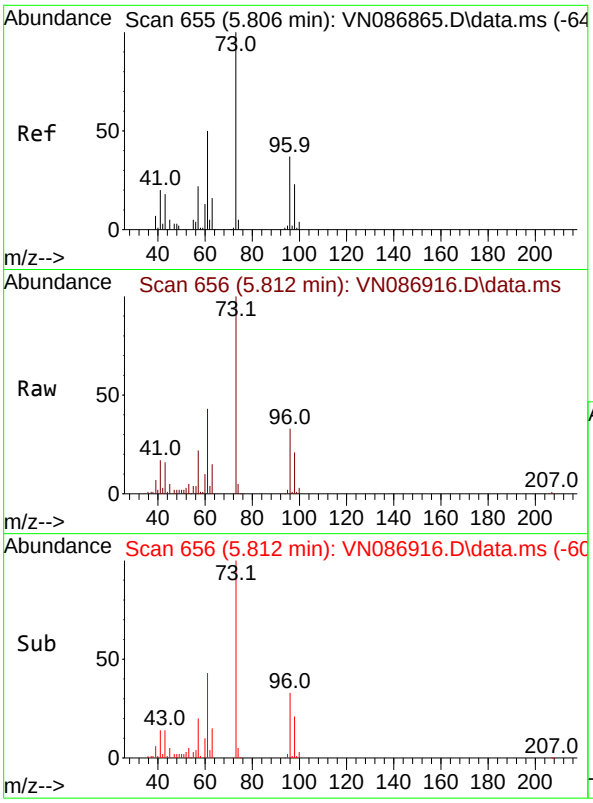


#20
Methylene Chloride
Concen: 17.365 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 84 Resp: 57671

Ion	Ratio	Lower	Upper
84	100		
49	106.7	90.5	135.7
51	34.0	28.5	42.7
86	63.8	48.1	72.1





#21
trans-1,2-Dichloroethene
Concen: 17.934 ug/l
RT: 5.812 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 96 Resp: 5548

Ion	Ratio	Lower	Upper
96	100		
61	130.3	109.2	163.8
98	64.3	49.8	74.8

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Manual Integrations
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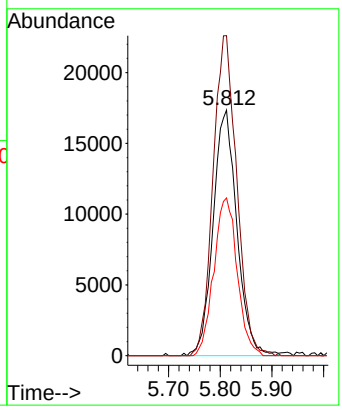
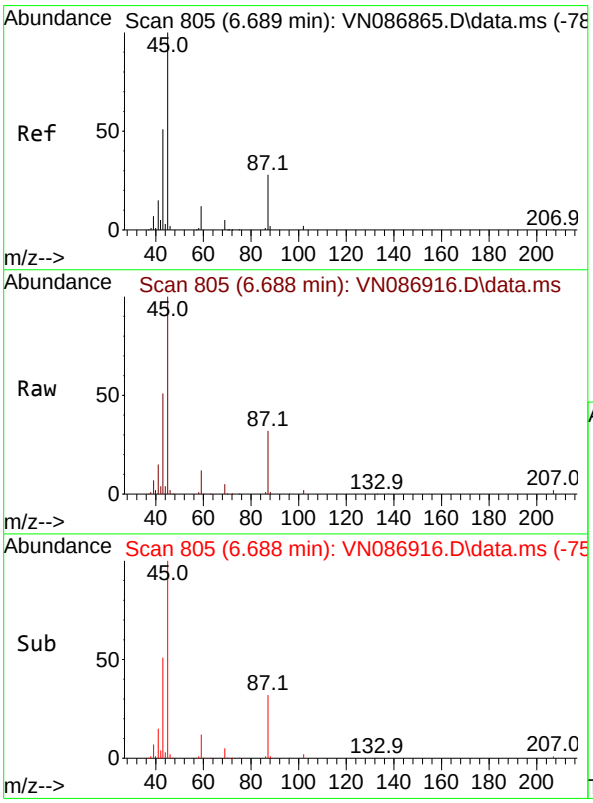
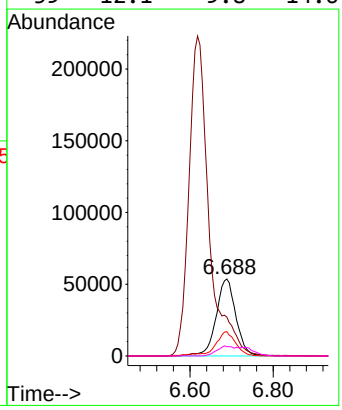


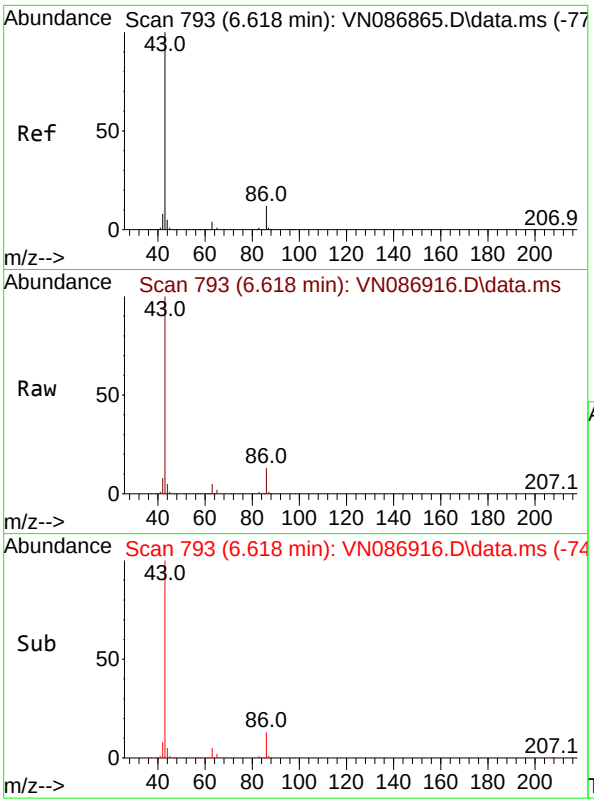


#22
Diisopropyl ether
Concen: 18.188 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 45 Resp: 176809

Ion	Ratio	Lower	Upper
45	100		
43	49.8	41.9	62.9
87	31.5	22.4	33.6
59	12.1	9.8	14.6





#23
Vinyl Acetate
Concen: 90.687 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 74486

Ion	Ratio	Lower	Upper
43	100		
86	12.6	9.5	14.3

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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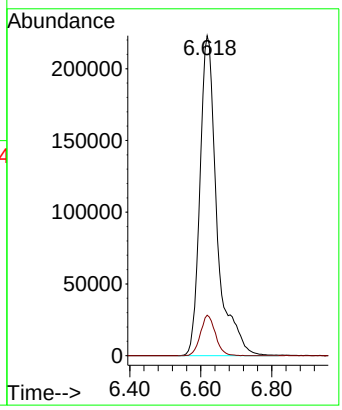
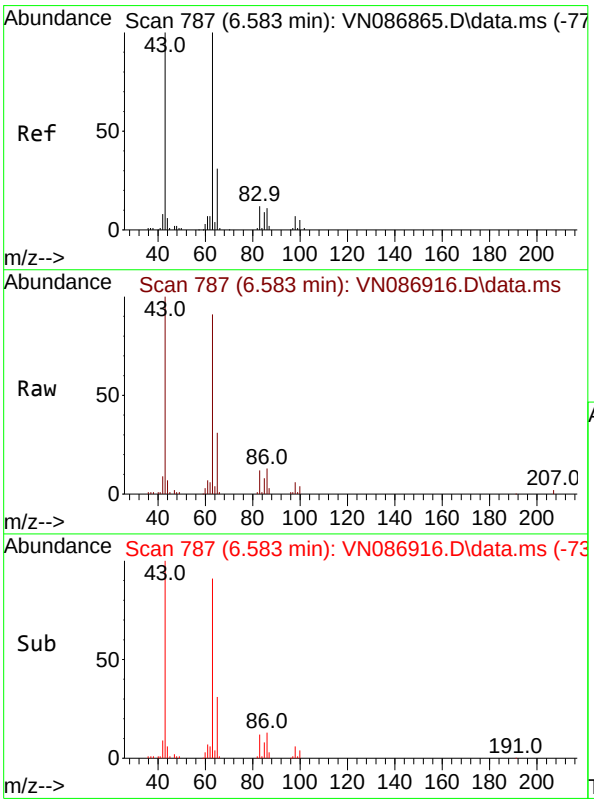
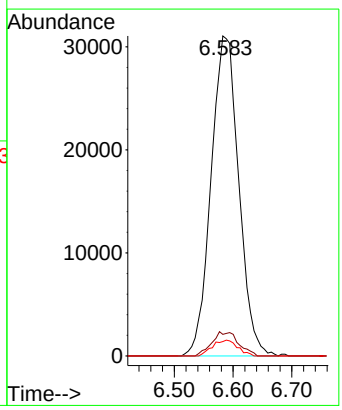


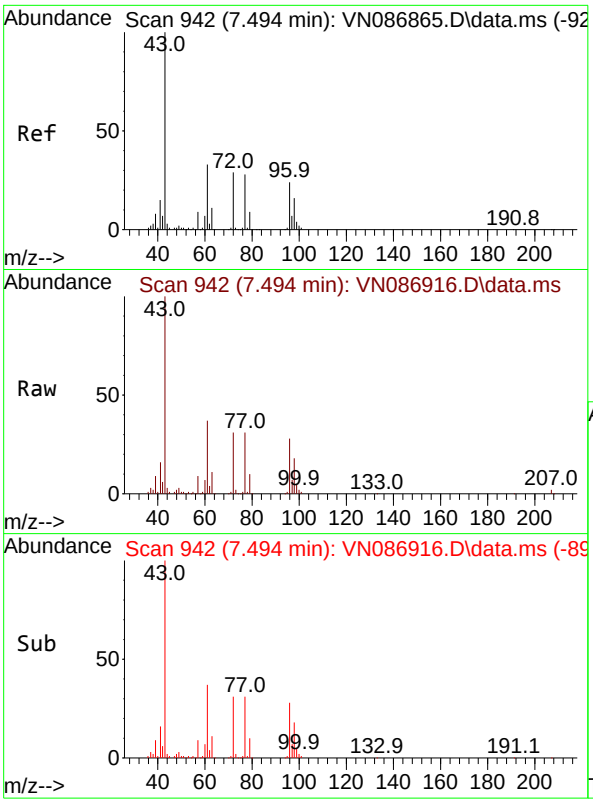


#24
1,1-Dichloroethane
Concen: 18.173 ug/l
RT: 6.583 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 63 Resp: 101669

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.6	10.8
100	4.5	2.6	7.8





#25
2-Butanone
Concen: 83.991 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 24218

Ion	Ratio	Lower	Upper
43	100		
72	31.4	23.0	34.6

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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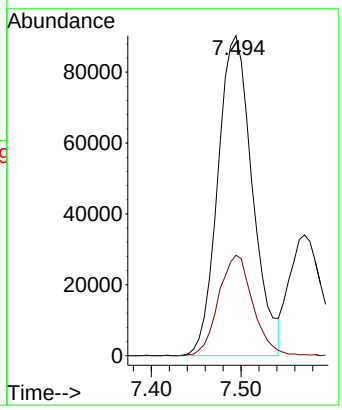
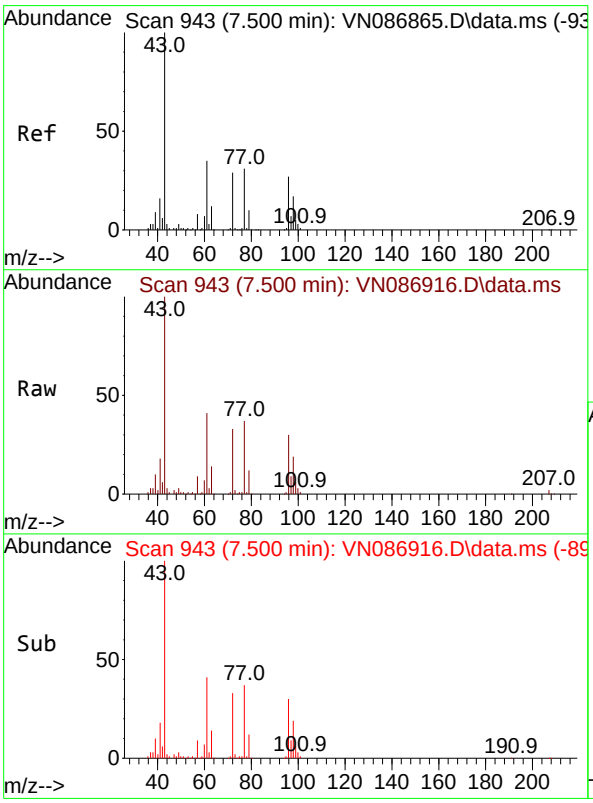
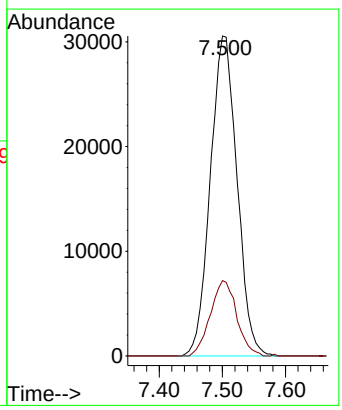


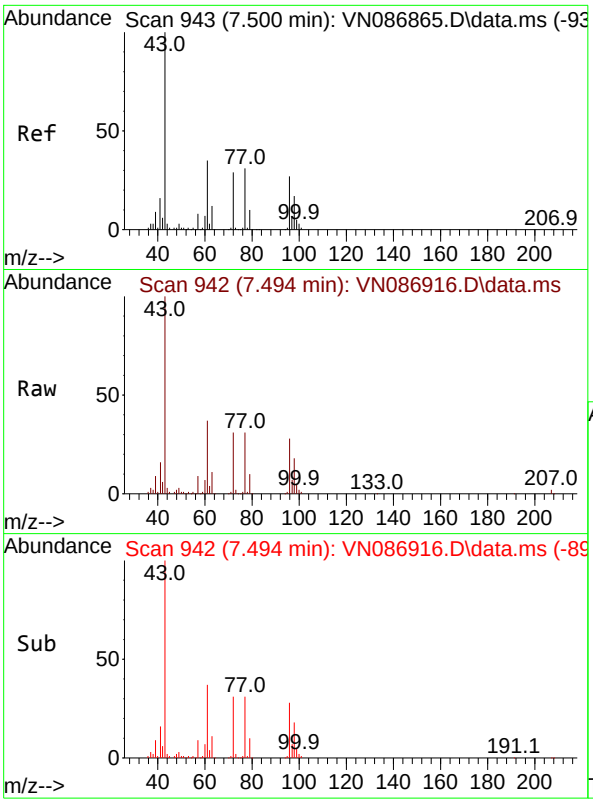


#26
2,2-Dichloropropane
Concen: 20.596 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 77 Resp: 89631

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.6	34.7

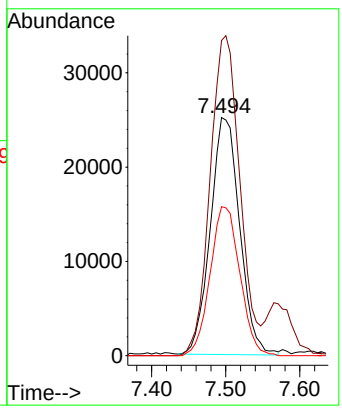




#27
cis-1,2-Dichloroethene
Concen: 18.691 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 96 Resp: 6915

Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	278.0
98	63.7	0.0	128.2



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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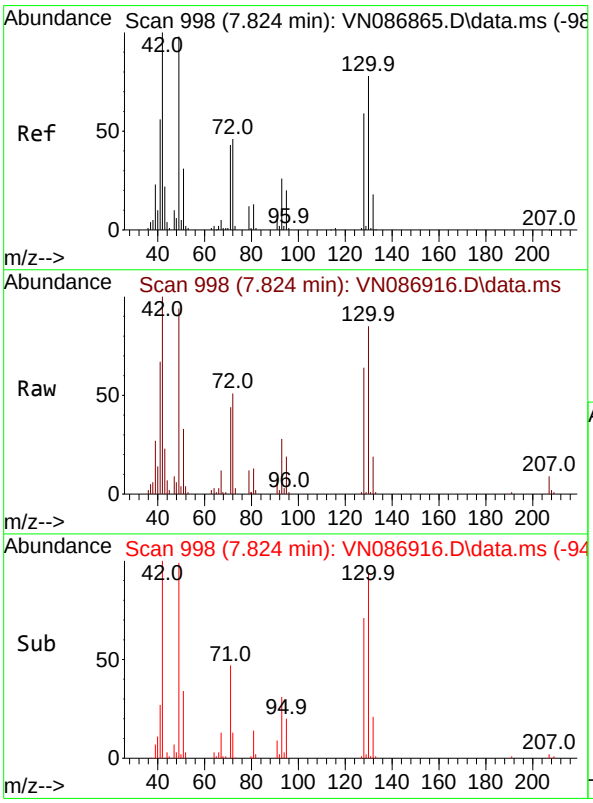
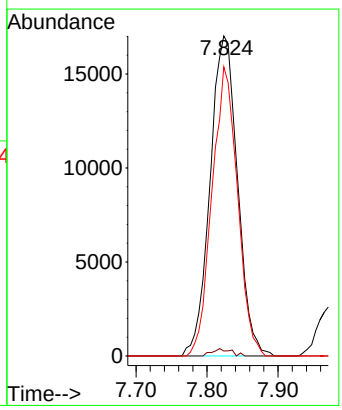
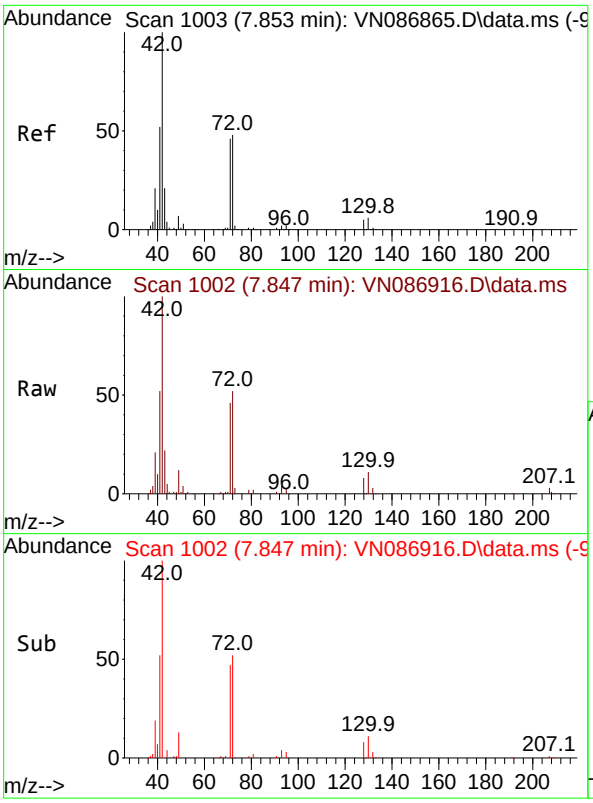


#28
Bromochloromethane
Concen: 16.632 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 49 Resp: 45748

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	83.6	62.2	93.2

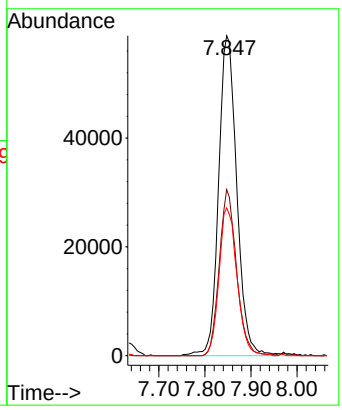




#29
Tetrahydrofuran
Concen: 85.494 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 42 Resp: 16059

Ion	Ratio	Lower	Upper
42	100		
72	49.5	37.8	56.6
71	45.7	35.6	53.4



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Manual Integrations
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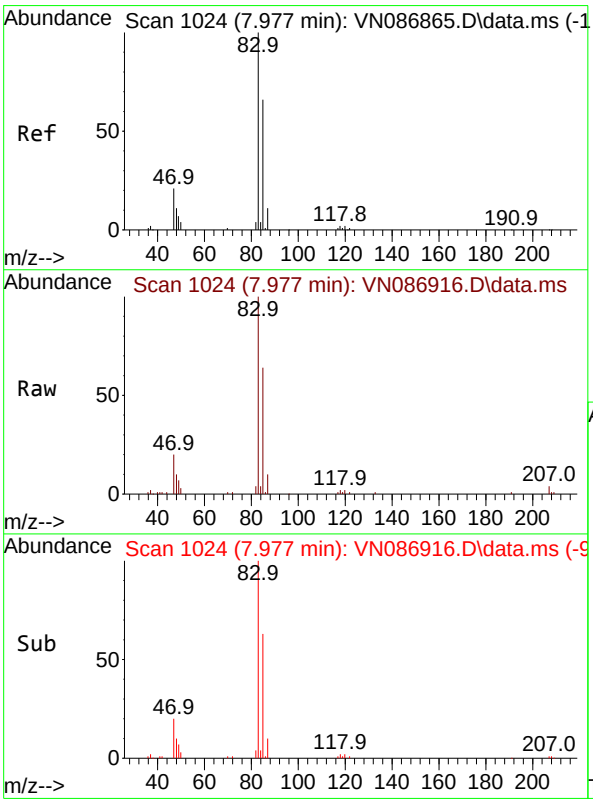
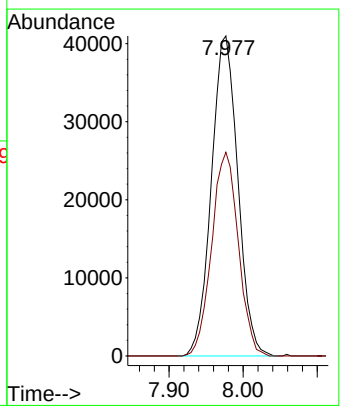
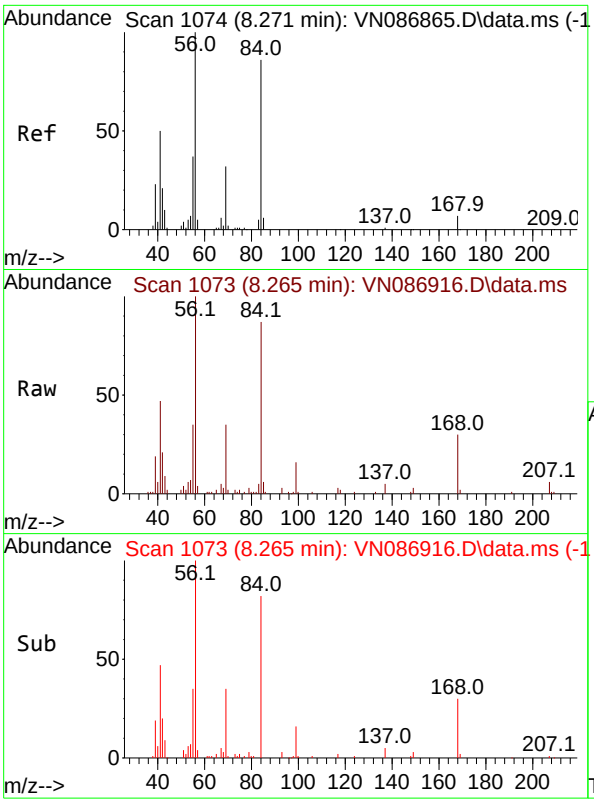


#30
Chloroform
Concen: 18.184 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 83 Resp: 101594

Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.9	79.3

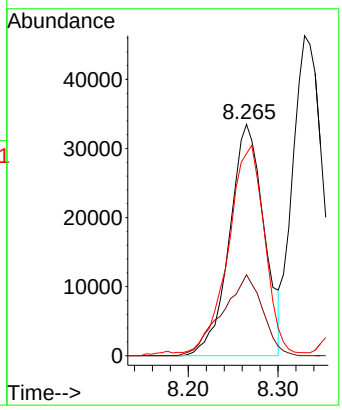




#31
Cyclohexane
Concen: 16.494 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 56 Resp: 8948

Ion	Ratio	Lower	Upper
56	100		
69	35.0	25.4	38.0
84	85.9	68.8	103.2



Instrument :
MSVOA_N
ClientSampleId :
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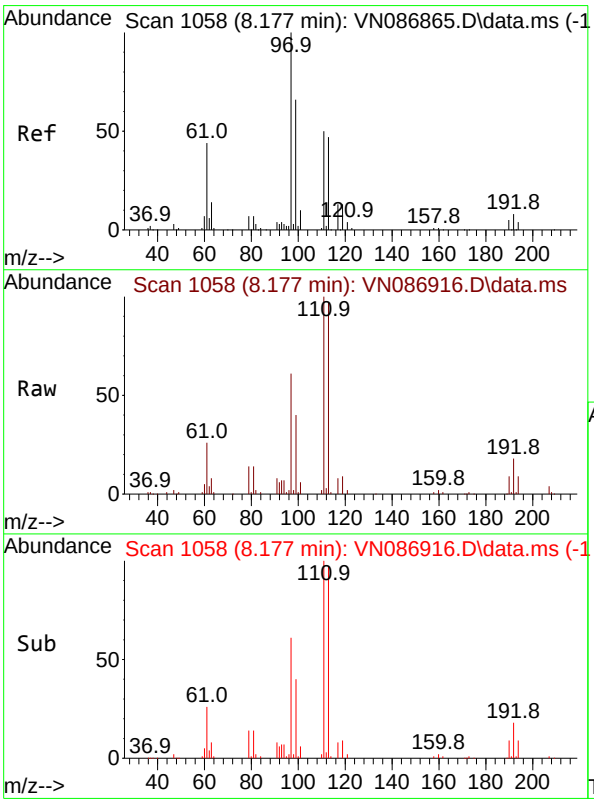
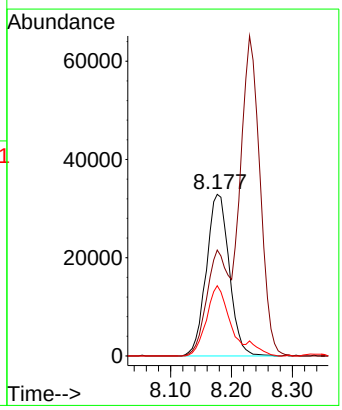
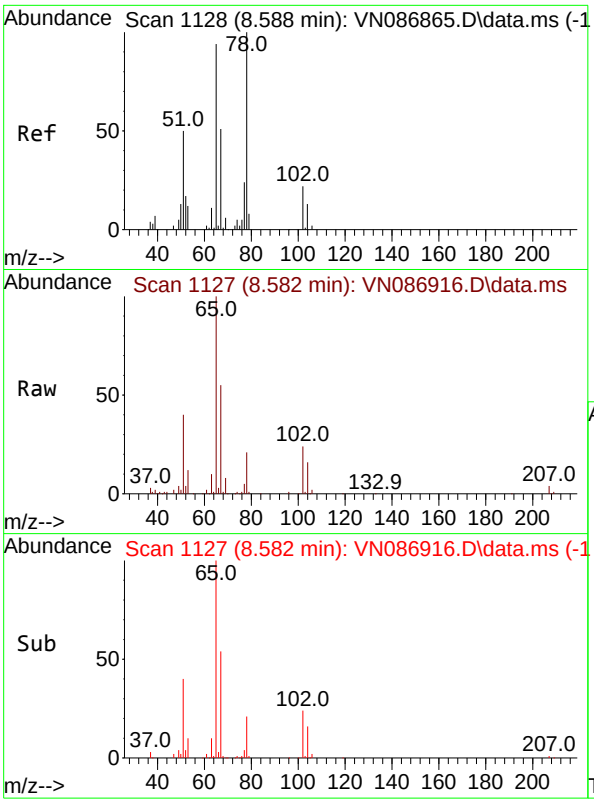


#32
1,1,1-Trichloroethane
Concen: 18.094 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 97 Resp: 85981

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.0	78.0
61	43.5	35.9	53.9

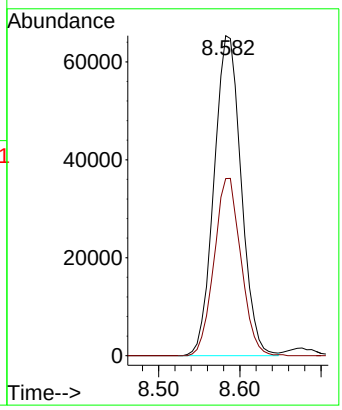




#33
1,2-Dichloroethane-d4
Concen: 45.381 ug/l
RT: 8.582 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 65 Resp: 15180

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	105.6



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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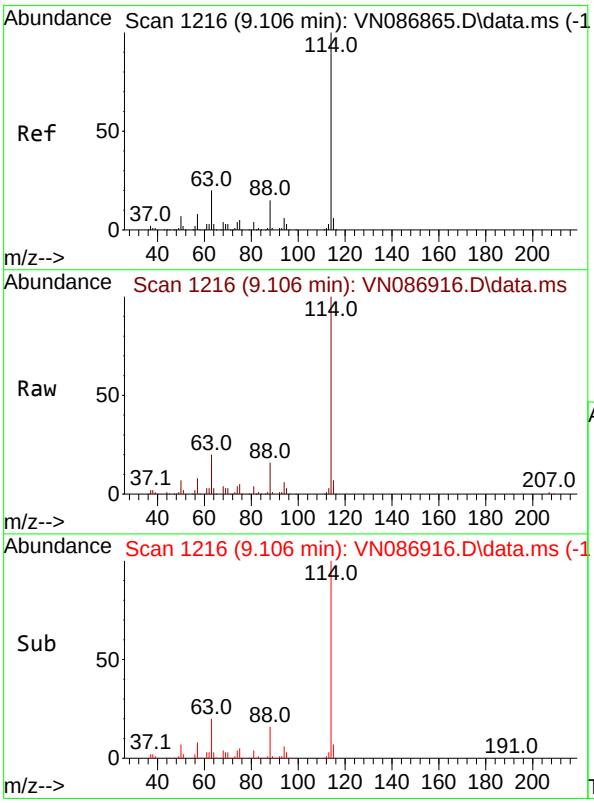
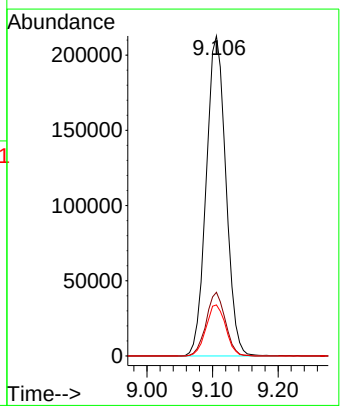
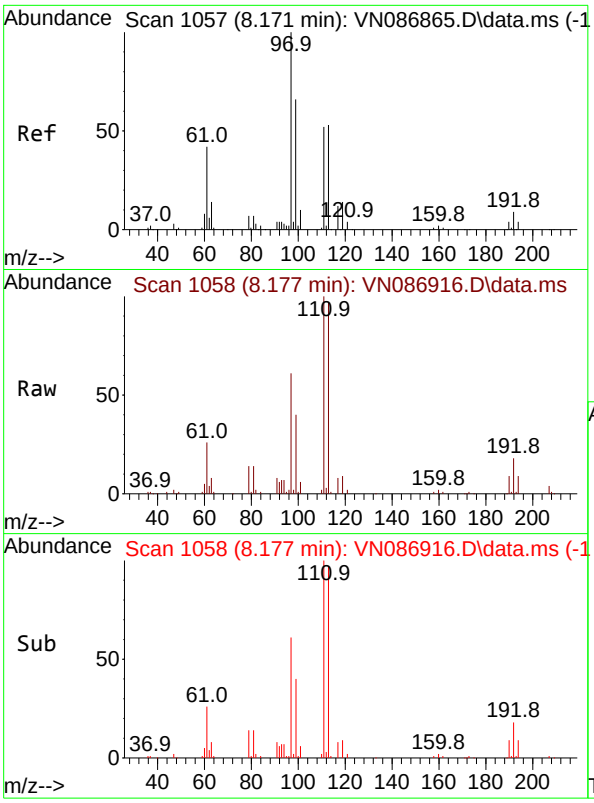


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:114 Resp: 443174

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.9	0.0	30.2

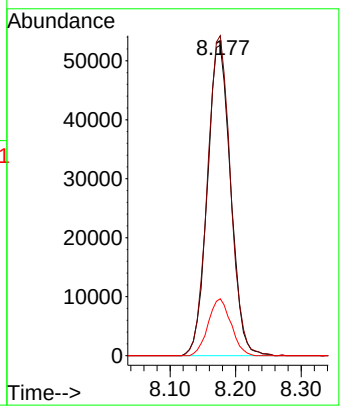




#35
Dibromofluoromethane
Concen: 49.474 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:113 Resp: 12993

Ion	Ratio	Lower	Upper
113	100		
111	102.0	84.2	126.2
192	17.9	14.2	21.4



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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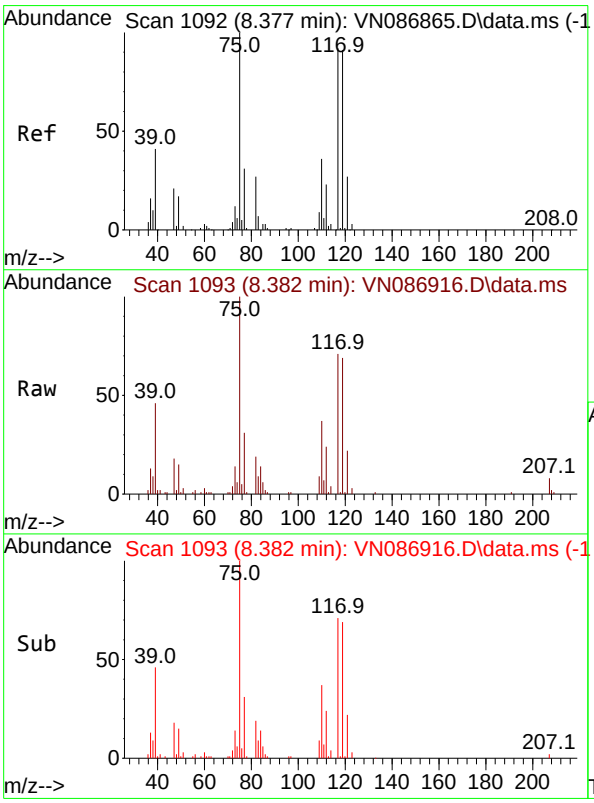
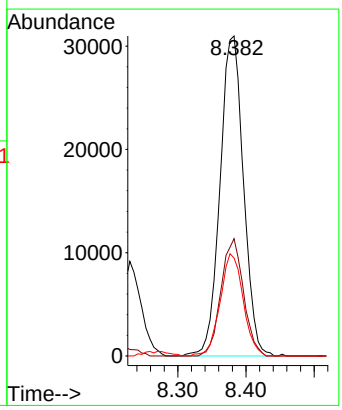
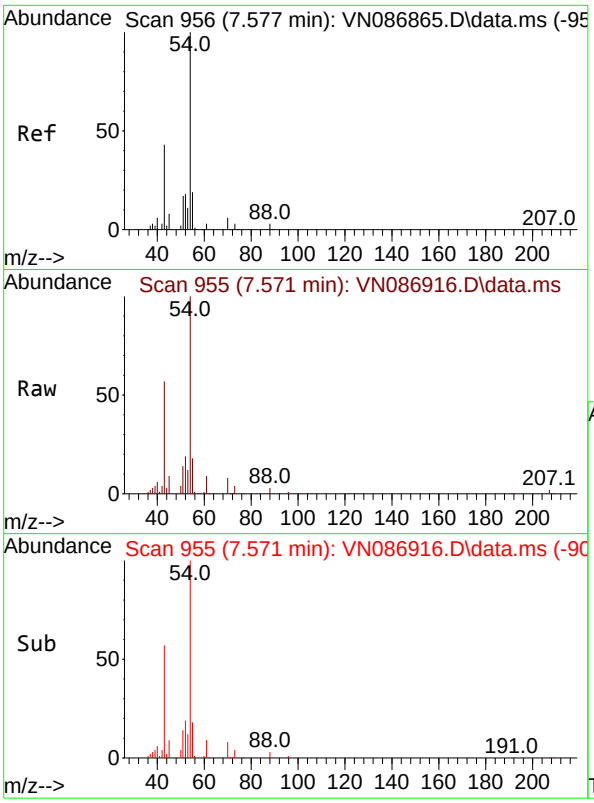


#36
1,1-Dichloropropene
Concen: 18.942 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 75 Resp: 74129

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.6	52.9
77	31.3	25.3	37.9





#37
Ethyl Acetate
Concen: 17.812 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 8874

Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.1	18.1
70	12.8	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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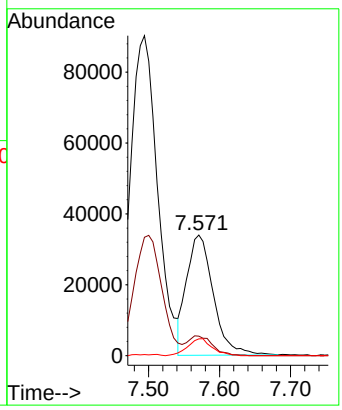
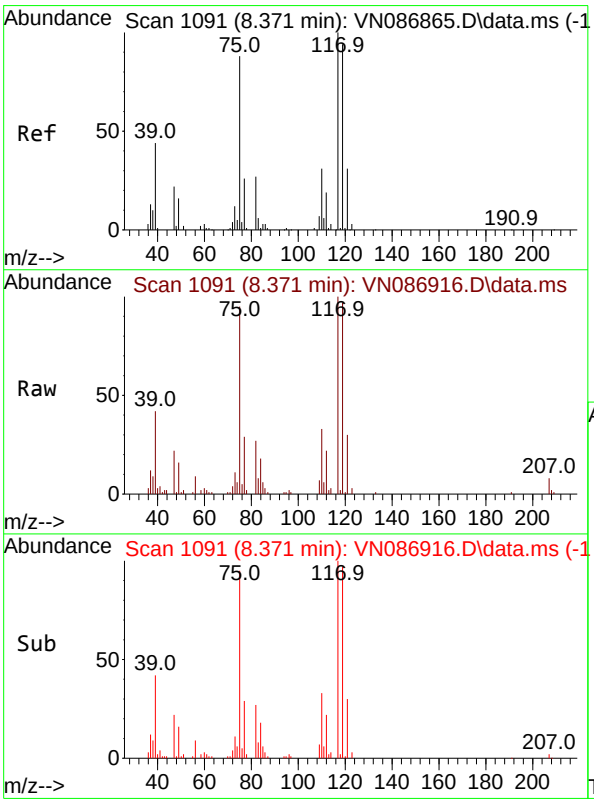
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

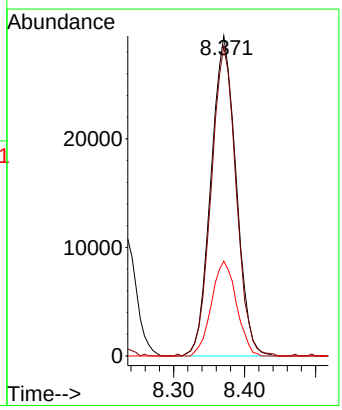


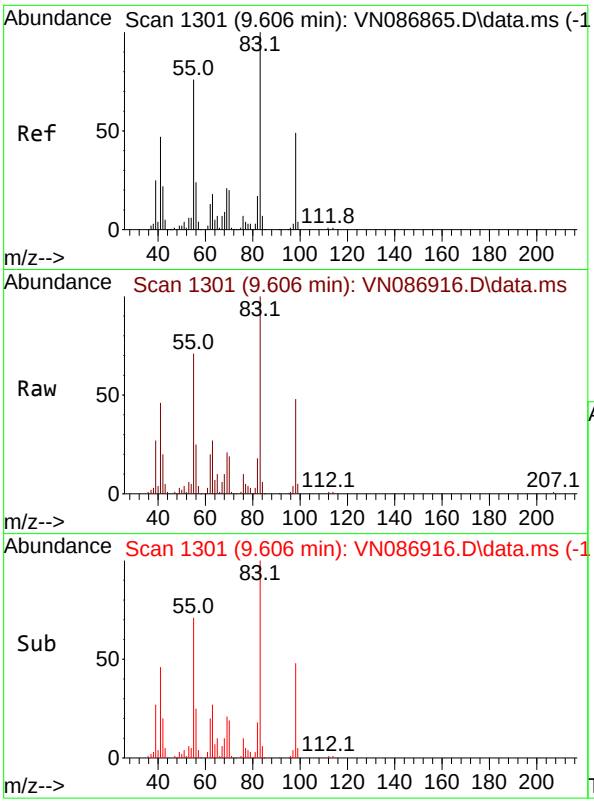


#38
Carbon Tetrachloride
Concen: 18.777 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:117 Resp: 72144

Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.0	112.6
121	29.7	24.9	37.3

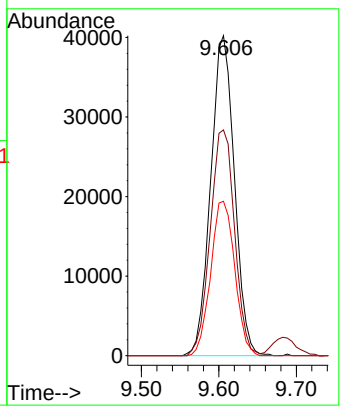




#39
Methylcyclohexane
Concen: 15.942 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 83 Resp: 8547

Ion	Ratio	Lower	Upper
83	100		
55	70.6	61.0	91.6
98	48.3	38.9	58.3



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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Reviewed By :John Carlone 06/11/2025
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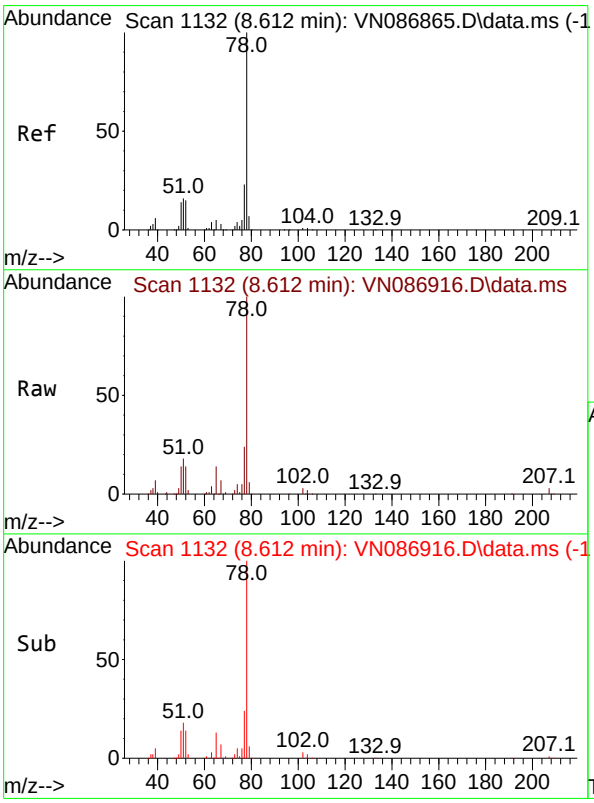
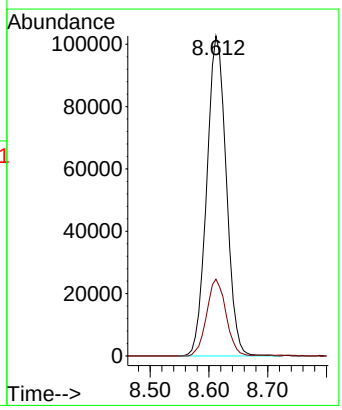
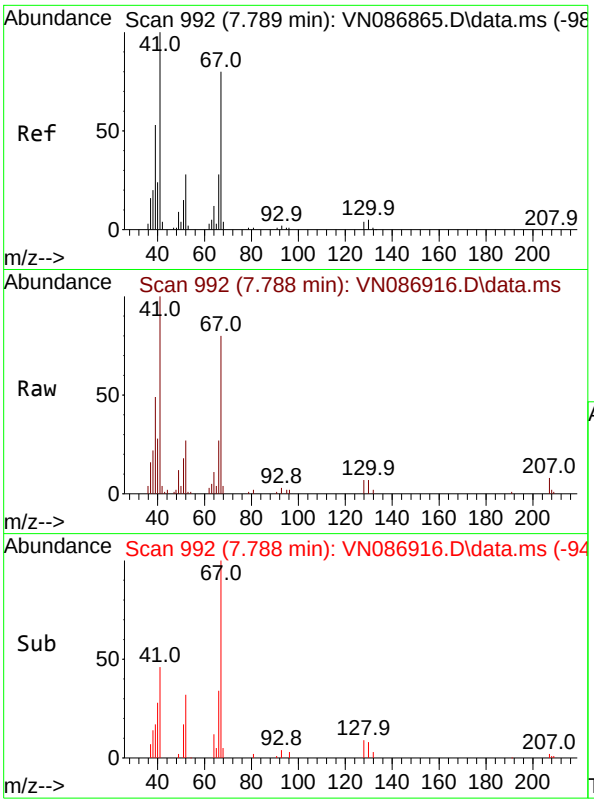


#40
Benzene
Concen: 18.458 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 78 Resp: 236213

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1

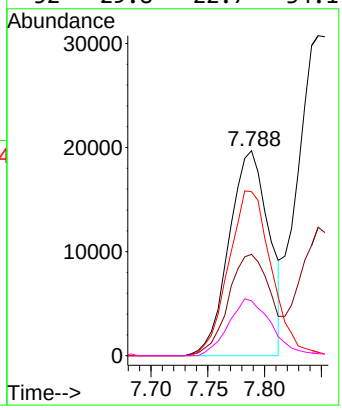




#41
Methacrylonitrile
Concen: 17.200 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 41 Resp: 4812

Ion	Ratio	Lower	Upper
41	100		
39	53.7	41.2	61.8
67	86.4	61.4	92.2
52	29.8	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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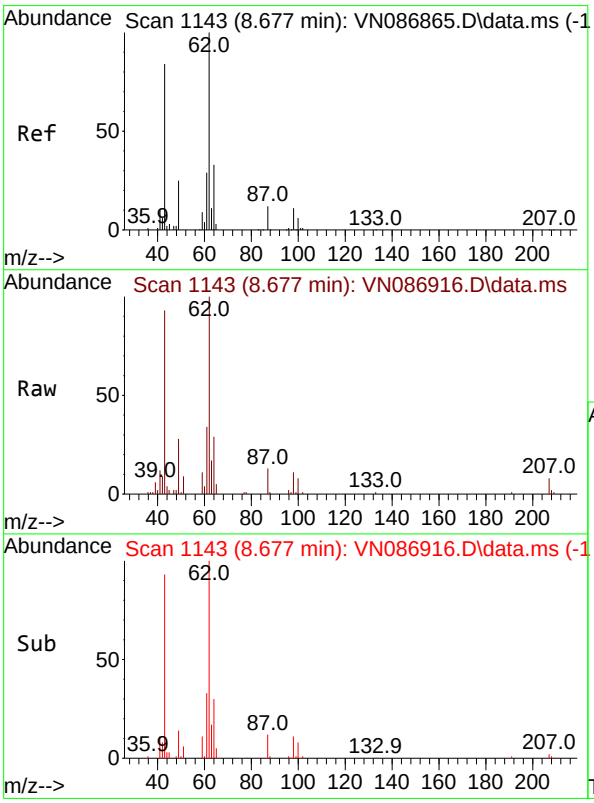
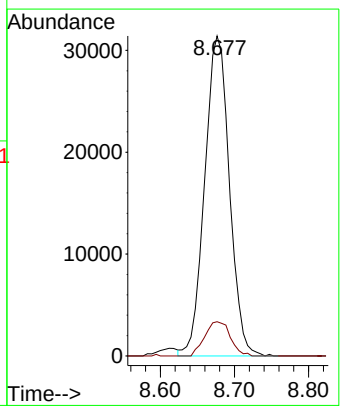
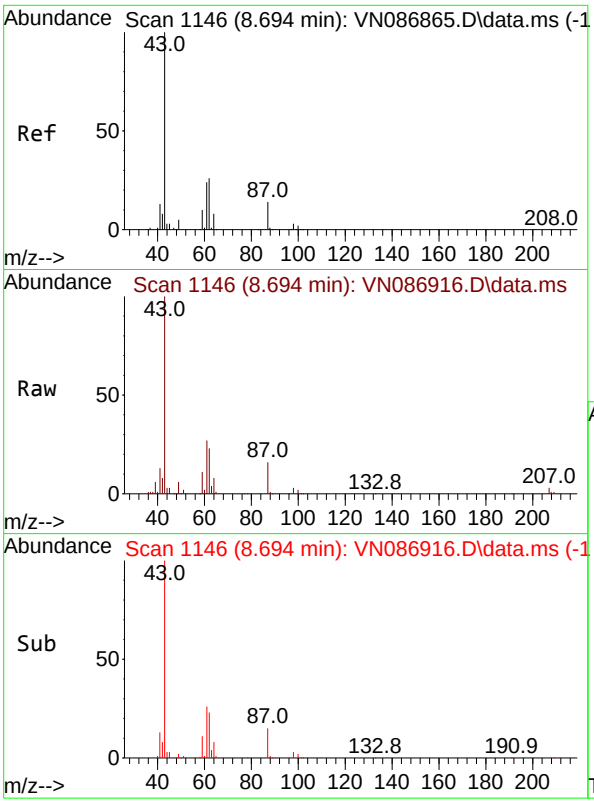


#42
1,2-Dichloroethane
Concen: 18.727 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 62 Resp: 72690

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.2

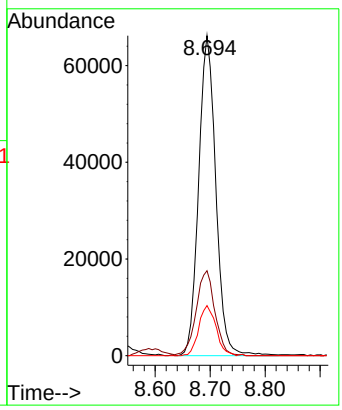




#43
Isopropyl Acetate
Concen: 18.014 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 14403

Ion	Ratio	Lower	Upper
43	100		
61	29.0	22.1	33.1
87	15.9	11.8	17.6



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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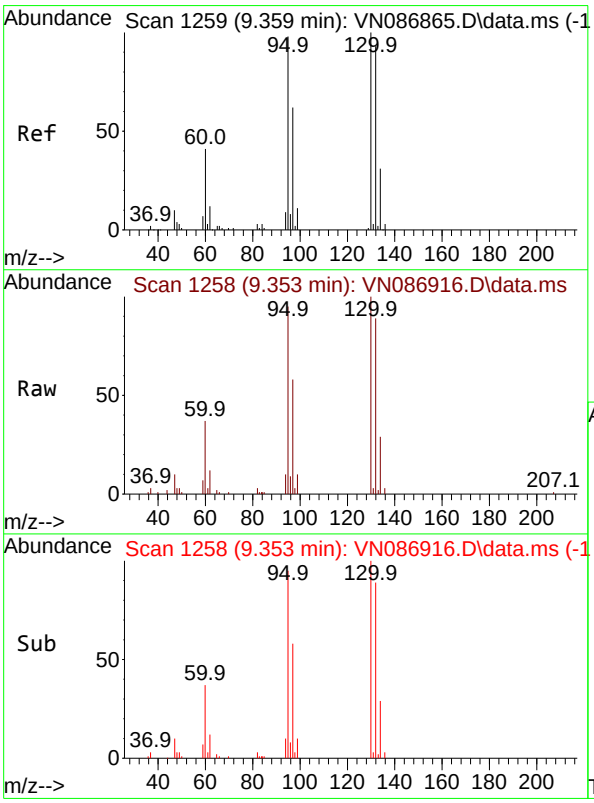
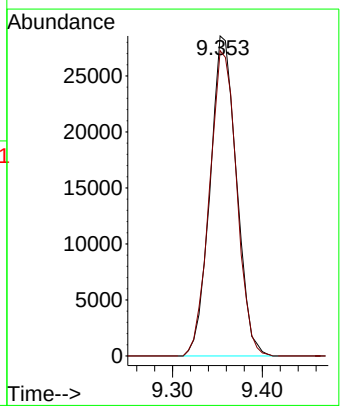
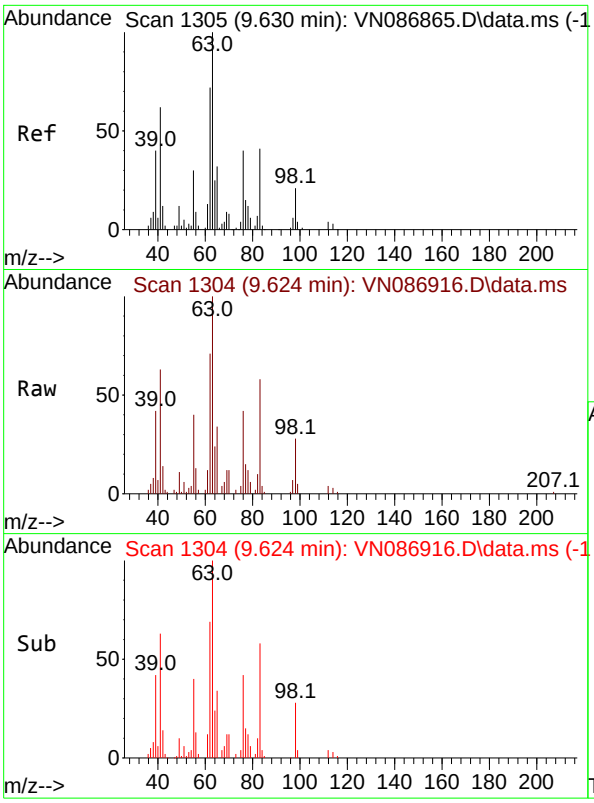


#44
Trichloroethene
Concen: 19.262 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:130 Resp: 58449

Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	196.2

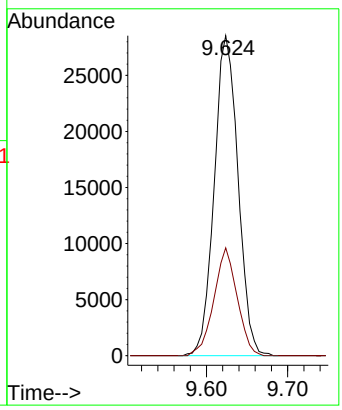




#45
1,2-Dichloropropane
Concen: 18.644 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 63 Resp: 5804

Ion	Ratio	Lower	Upper
63	100		
65	33.7	25.5	38.3



Instrument :
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ClientSampleId :
VN0610WBS01

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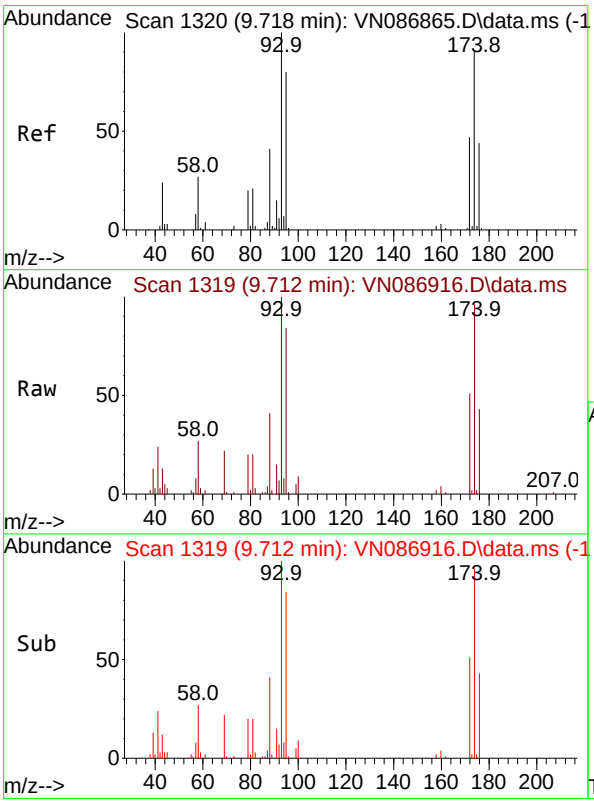
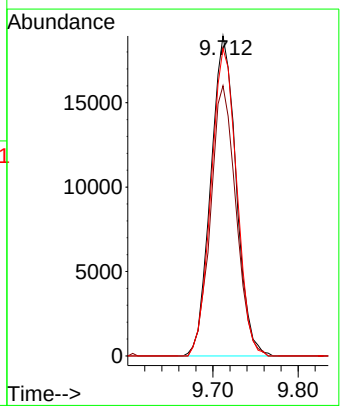
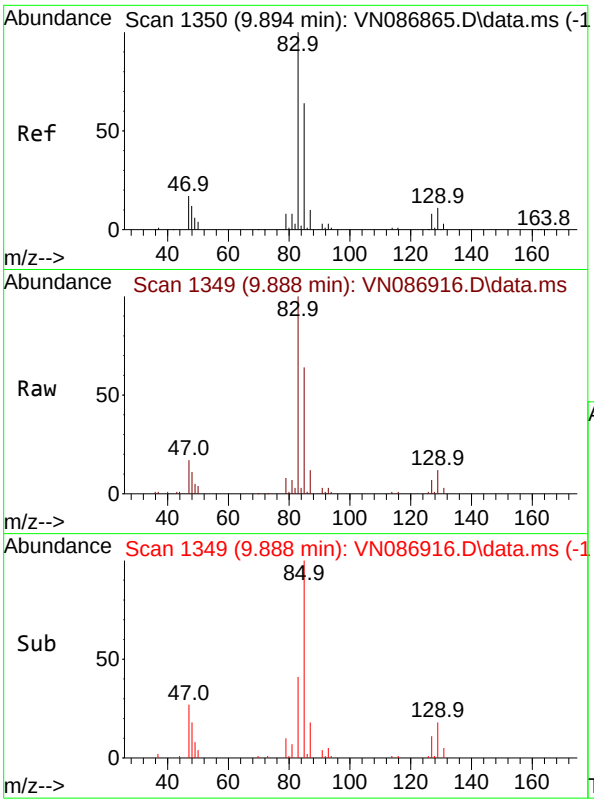


#46
Dibromomethane
Concen: 18.970 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 93 Resp: 39229

Ion	Ratio	Lower	Upper
93	100		
95	84.5	67.1	100.7
174	96.7	74.2	111.4

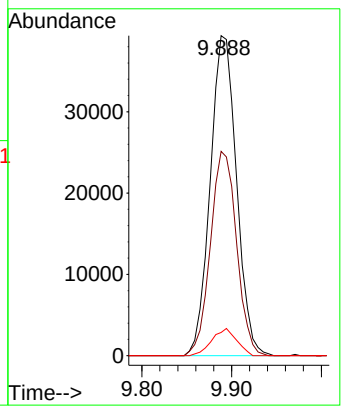




#47
Bromodichloromethane
Concen: 18.810 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 83 Resp: 8003

Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.9	76.3
127	7.2	6.6	10.0



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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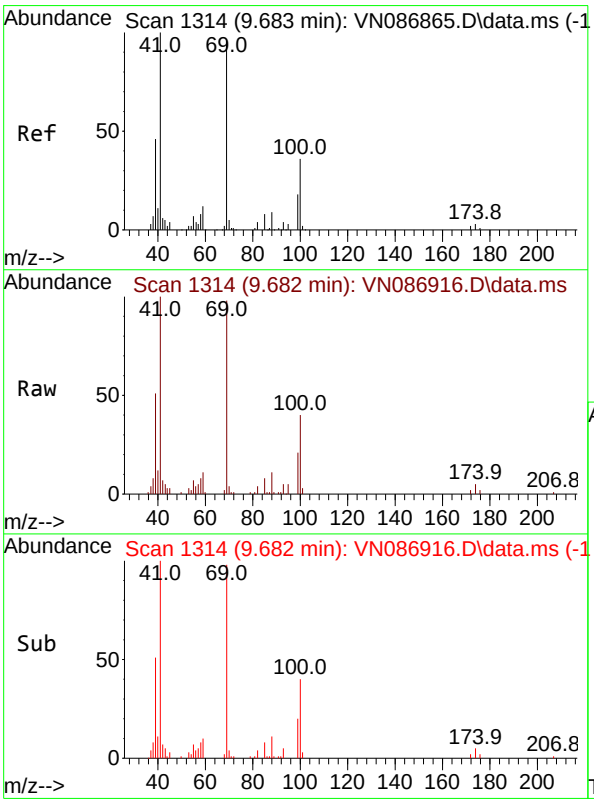
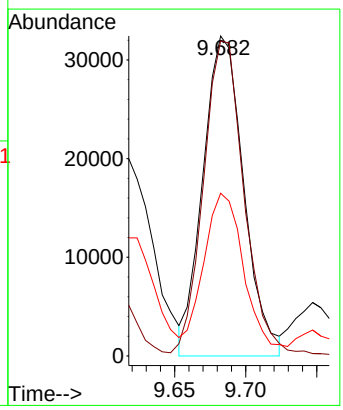
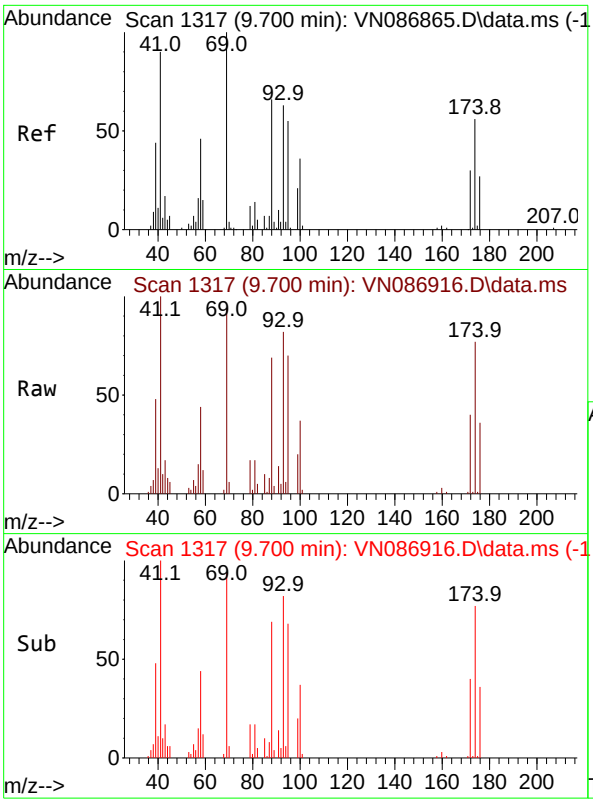


#48
Methyl methacrylate
Concen: 17.567 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 41 Resp: 64650

Ion	Ratio	Lower	Upper
41	100		
69	98.8	74.6	112.0
39	51.7	40.2	60.4

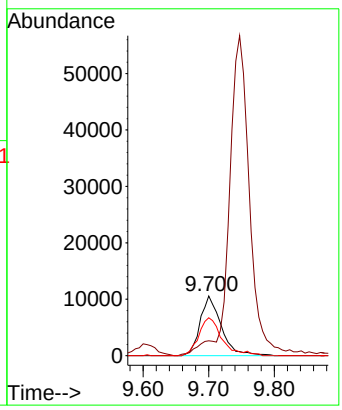




#49
1,4-Dioxane
Concen: 353.325 ug/l
RT: 9.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 88 Resp: 2365

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.2	57.7	86.5



Instrument :
MSVOA_N
ClientSampleId :
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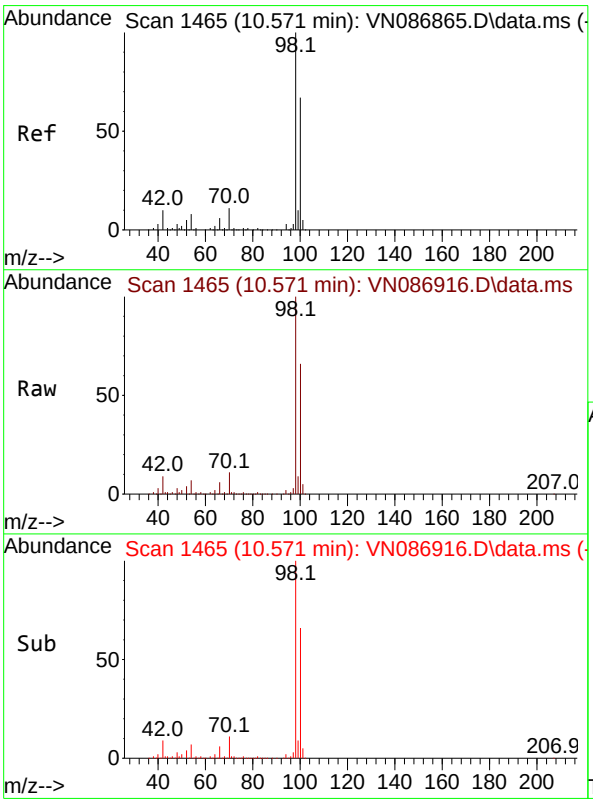
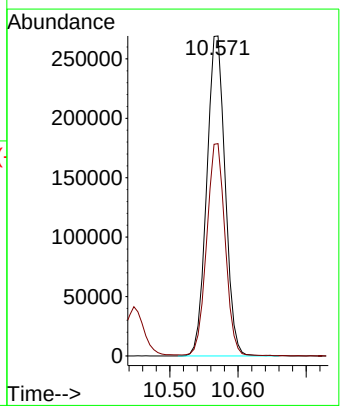
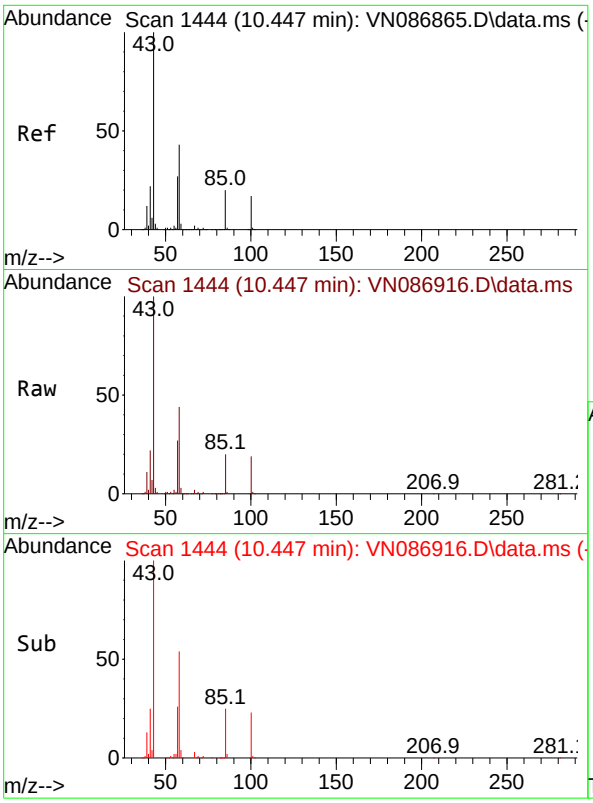


#50
Toluene-d8
Concen: 48.620 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 98 Resp: 505508

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.0

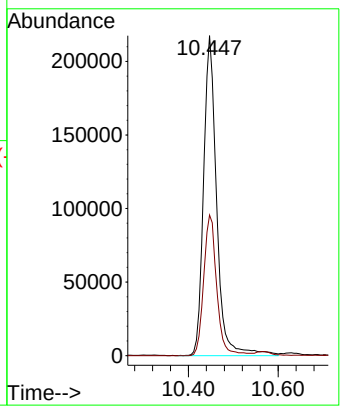




#51
4-Methyl-2-Pentanone
Concen: 91.469 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 44030

Ion	Ratio	Lower	Upper
43	100		
58	43.8	34.2	51.4



Instrument :
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ClientSampleId :
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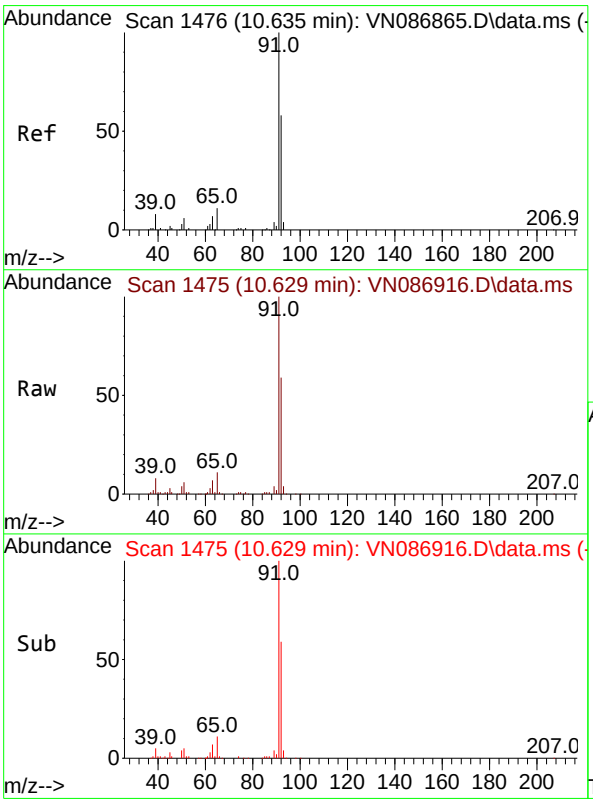
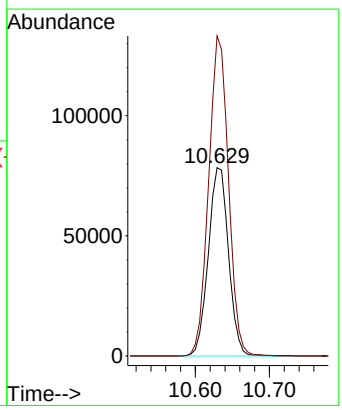
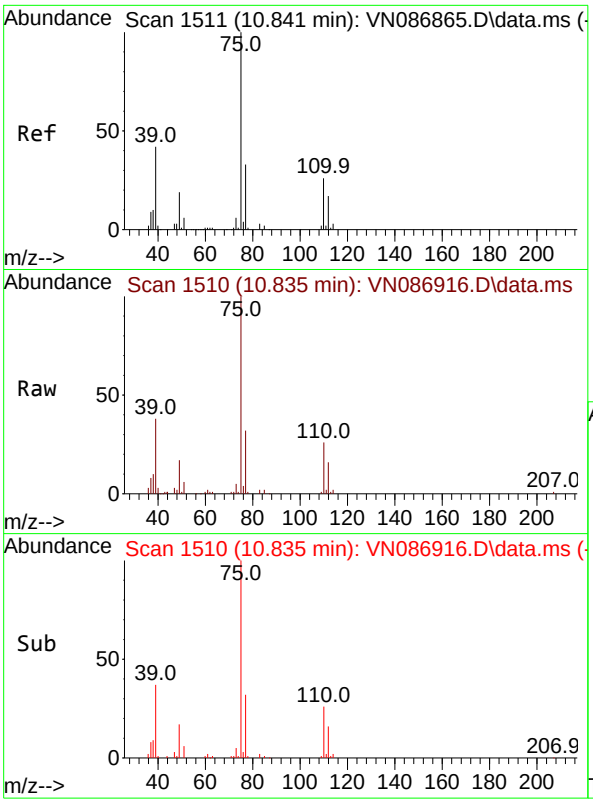


#52
Toluene
Concen: 18.967 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 92 Resp: 148340

Ion	Ratio	Lower	Upper
92	100		
91	166.8	136.5	204.7

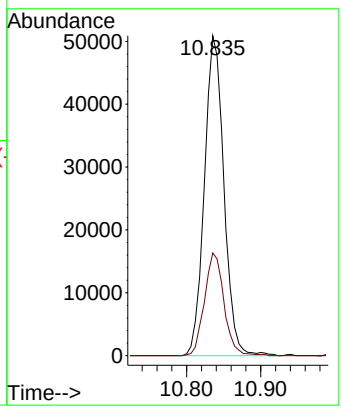




#53
t-1,3-Dichloropropene
Concen: 19.555 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 75 Resp: 9303

Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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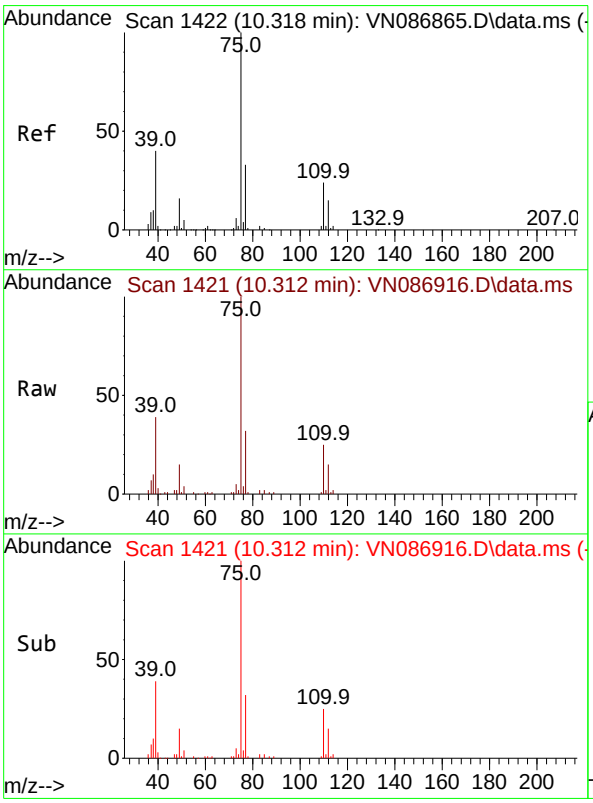
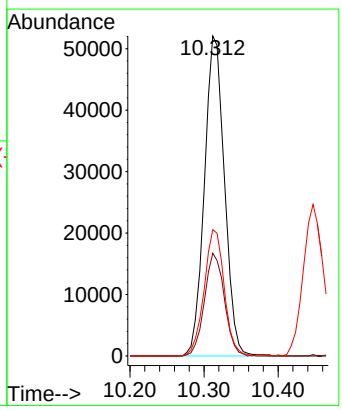
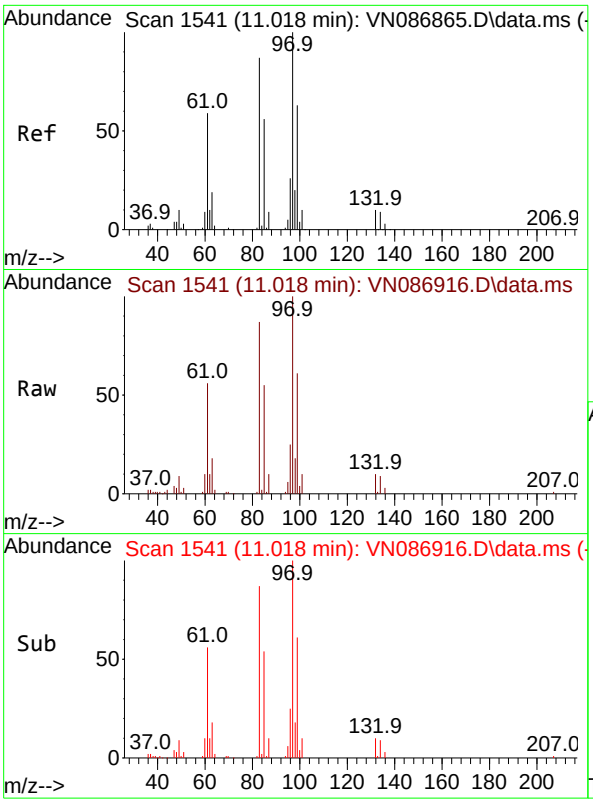


#54
cis-1,3-Dichloropropene
Concen: 19.264 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 75 Resp: 98066

Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.2	39.4
39	39.4	32.3	48.5

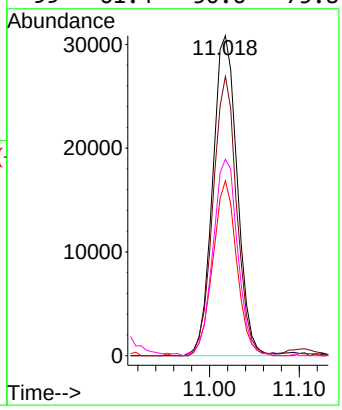




#55
1,1,2-Trichloroethane
Concen: 19.483 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 97 Resp: 5862

Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.7	104.5
85	54.6	45.1	67.7
99	61.4	50.6	75.8



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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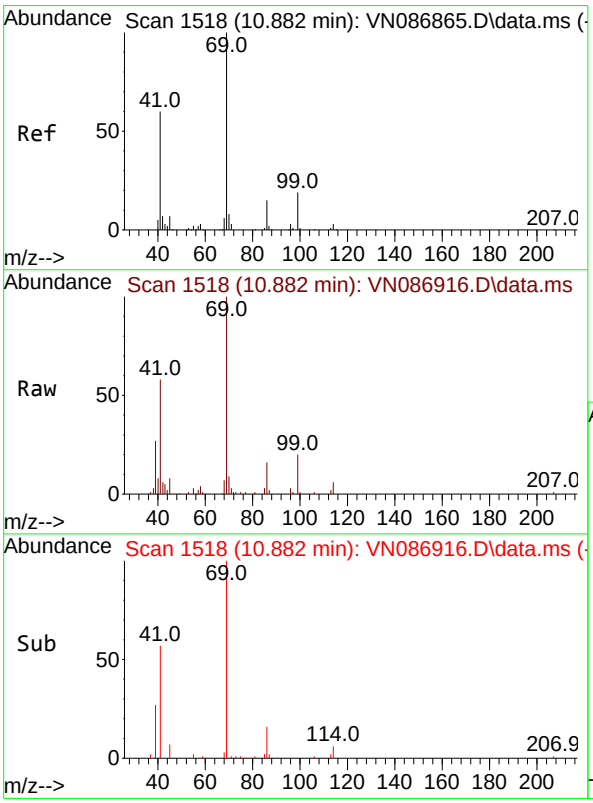
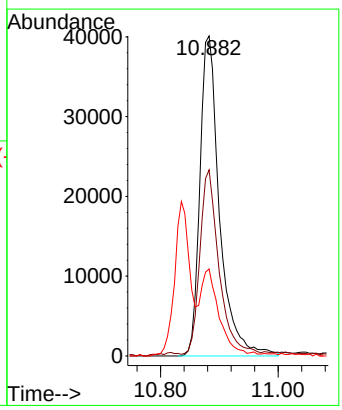
Supervised By :Mahesh Dadoda 06/11/2025

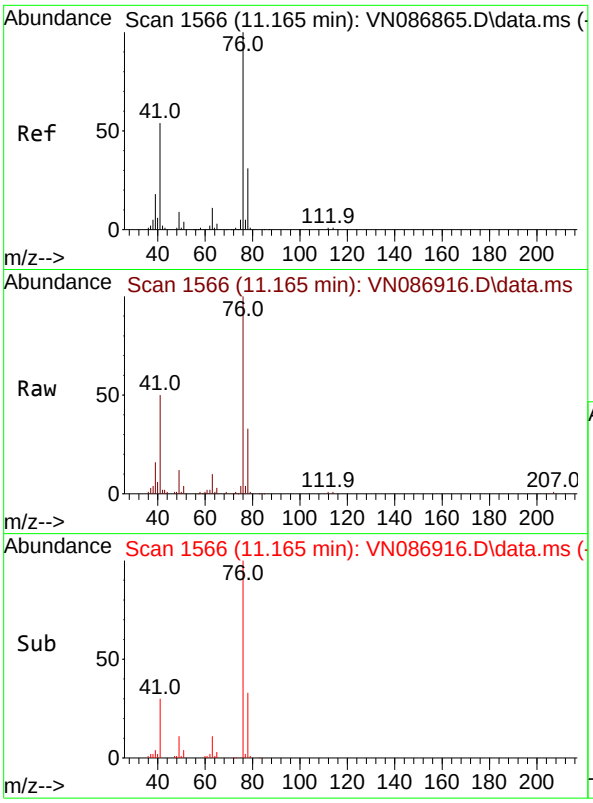


#56
Ethyl methacrylate
Concen: 19.460 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 69 Resp: 93272

Ion	Ratio	Lower	Upper
69	100		
41	56.3	47.2	70.8
39	25.5	23.0	34.6

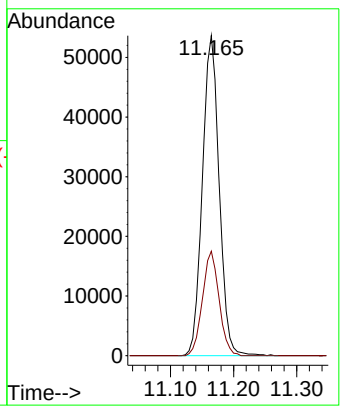




#57
1,3-Dichloropropane
Concen: 18.990 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 76 Resp: 9913

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.3	37.9



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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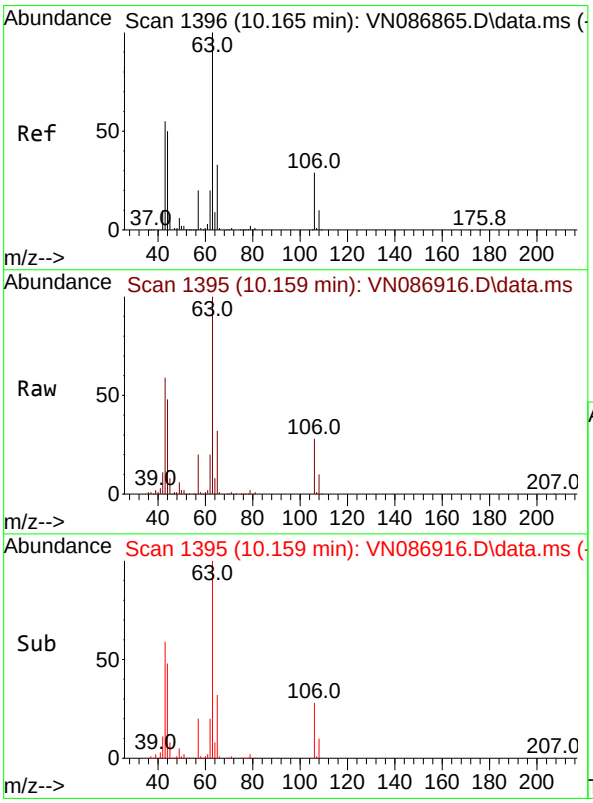
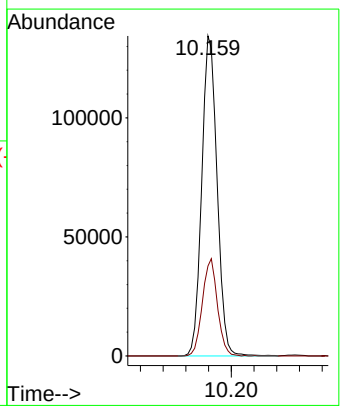
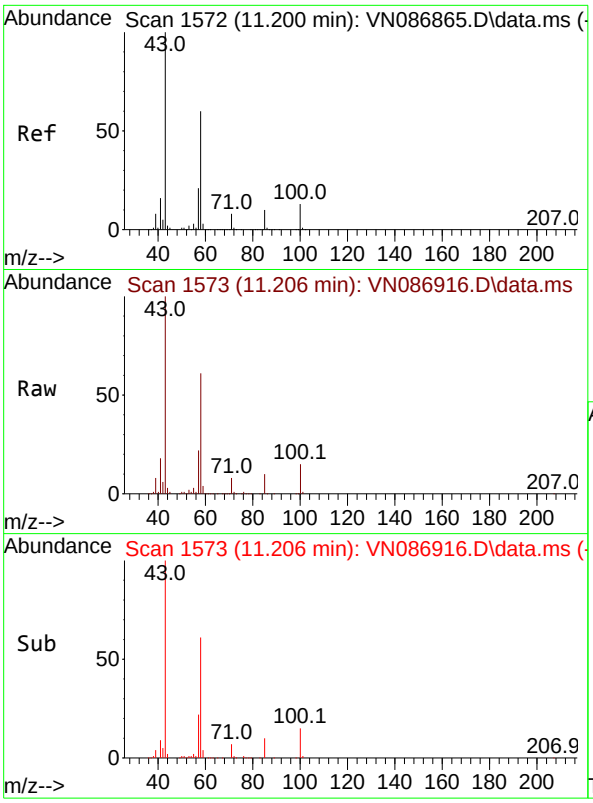


#58
2-Chloroethyl Vinyl ether
Concen: 87.967 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 63 Resp: 251485

Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.0	34.6





#59
2-Hexanone
Concen: 87.405 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 27101

Ion	Ratio	Lower	Upper
43	100		
58	67.8	30.4	91.3

Instrument :
MSVOA_N
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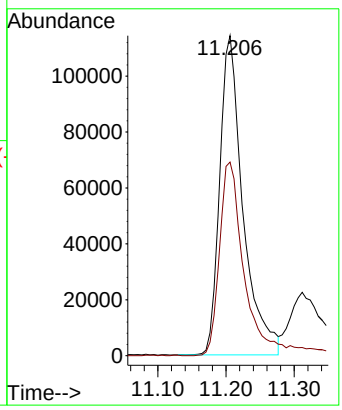
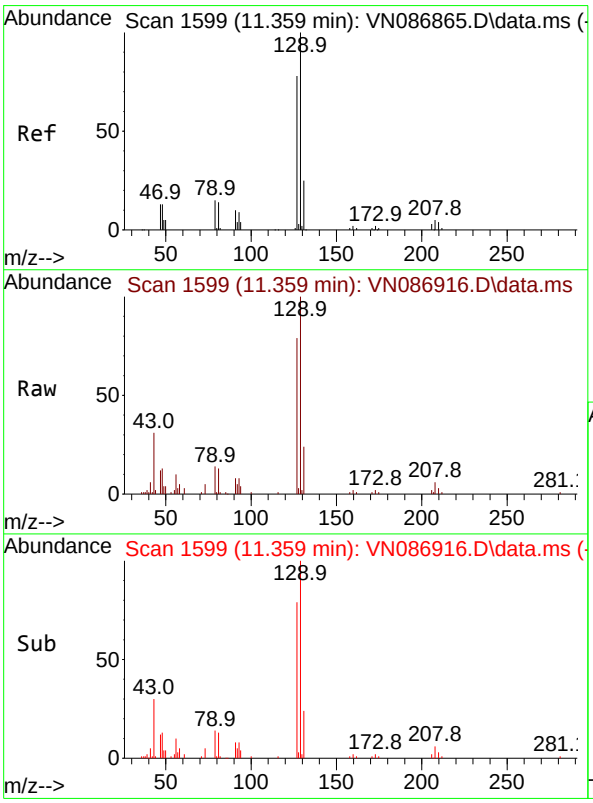
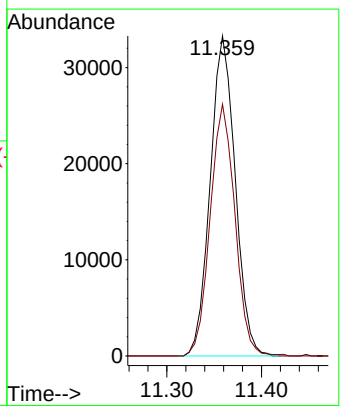


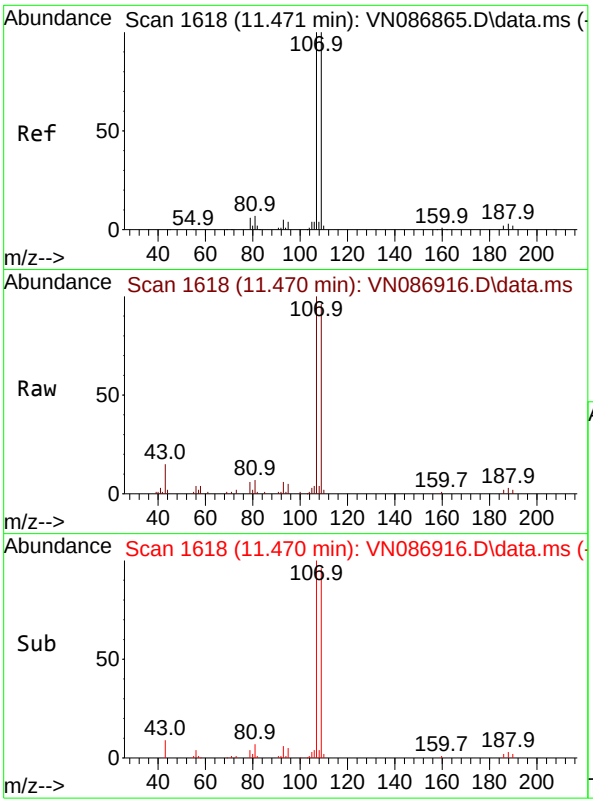


#60
Dibromochloromethane
Concen: 19.481 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:129 Resp: 61081

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.6	115.8

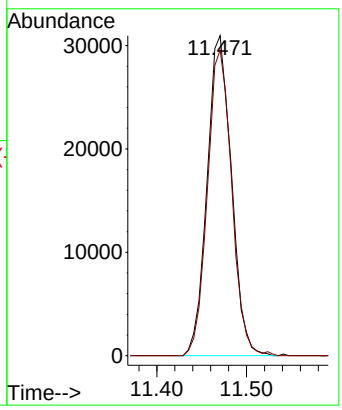




#61
1,2-Dibromoethane
Concen: 18.916 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:107 Resp: 5834

Ion	Ratio	Lower	Upper
107	100		
109	95.3	76.3	114.5



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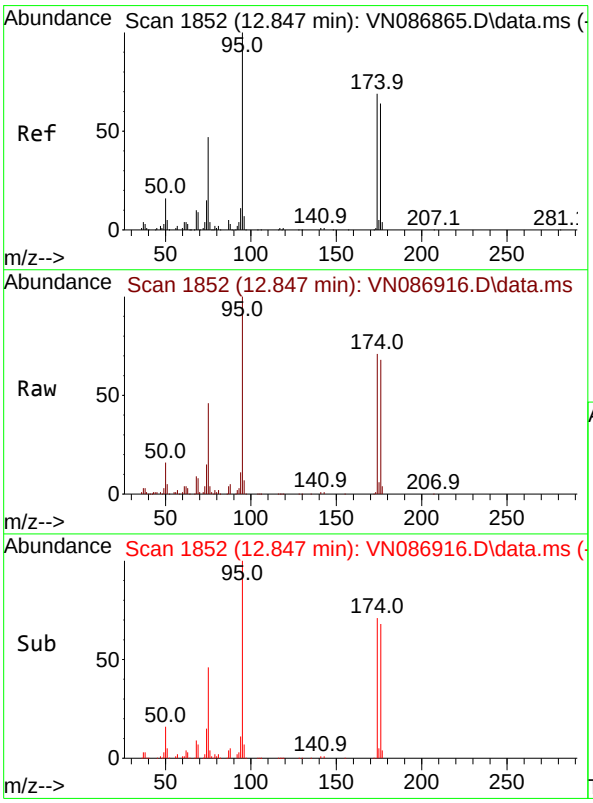
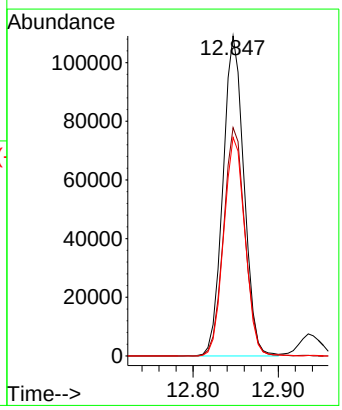
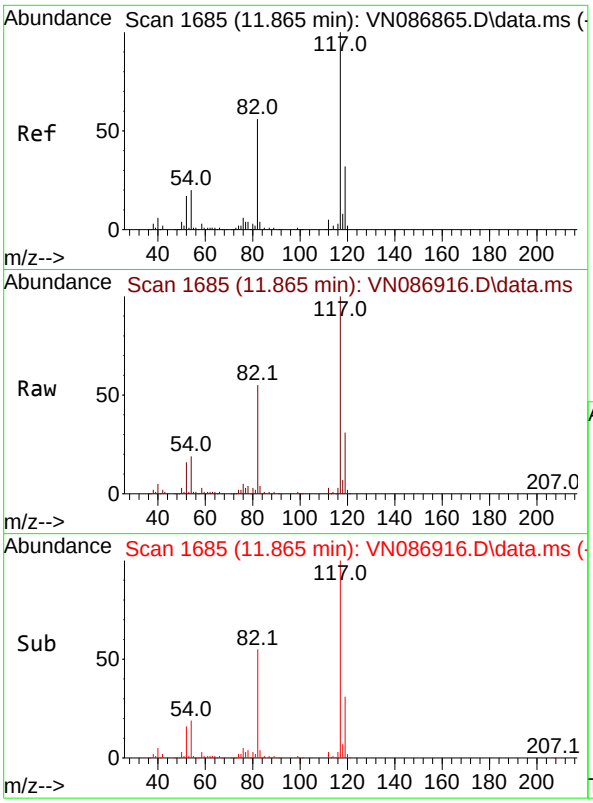


#62
4-Bromofluorobenzene
Concen: 48.327 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 95 Resp: 186676

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	141.8
176	69.2	0.0	132.6

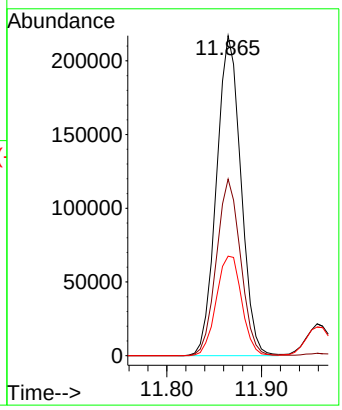




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:117 Resp: 38929

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	67.0
119	31.1	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
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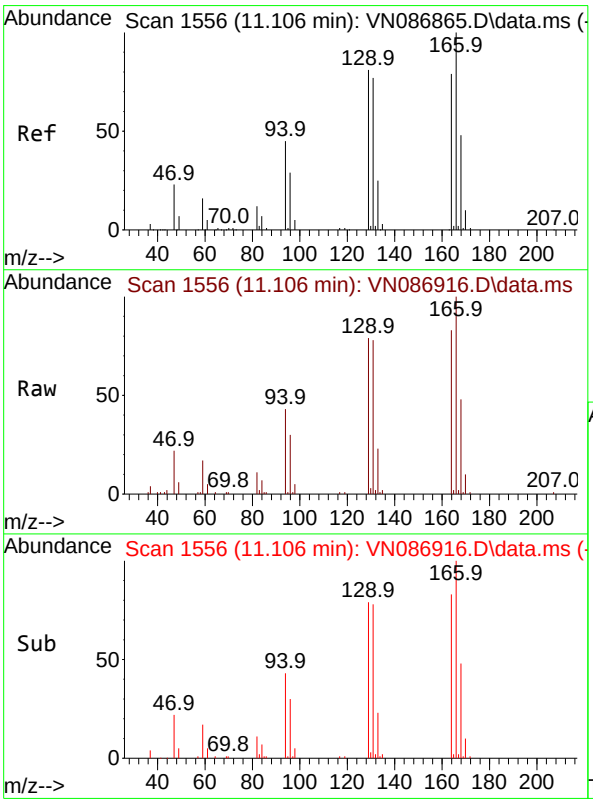
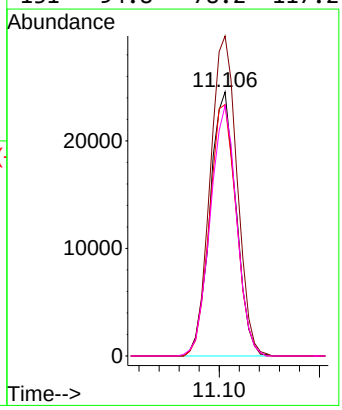
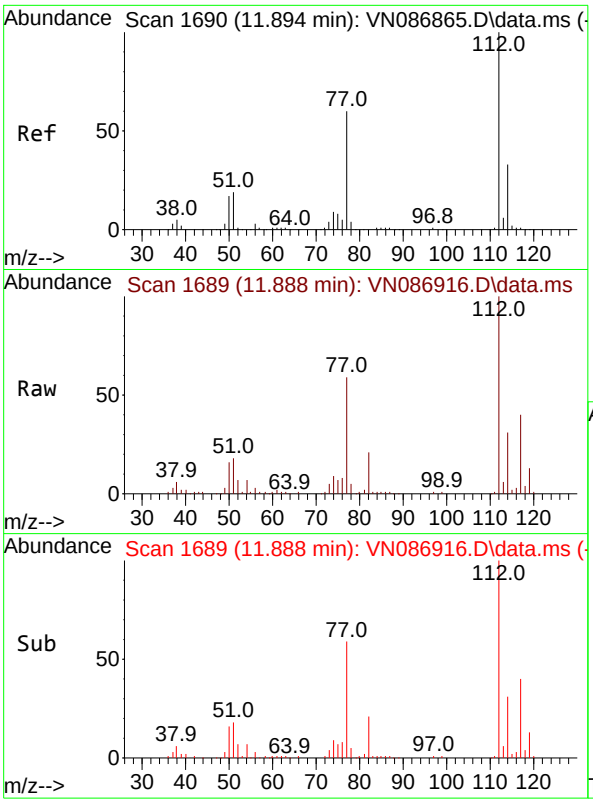


#64
Tetrachloroethene
Concen: 17.920 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:164 Resp: 44151

Ion	Ratio	Lower	Upper
164	100		
166	121.2	101.8	152.8
129	95.2	83.0	124.4
131	94.8	78.2	117.2

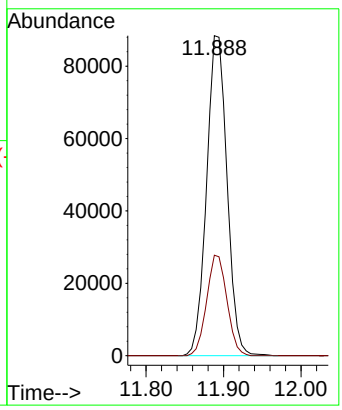




#65
Chlorobenzene
Concen: 18.874 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:112 Resp: 16205

Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.2	39.2



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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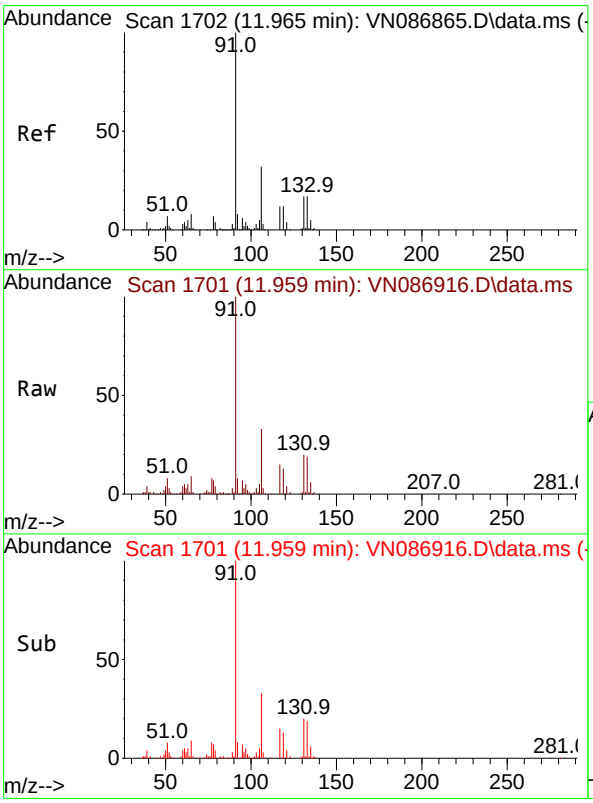
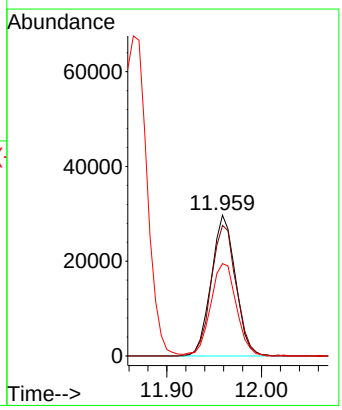
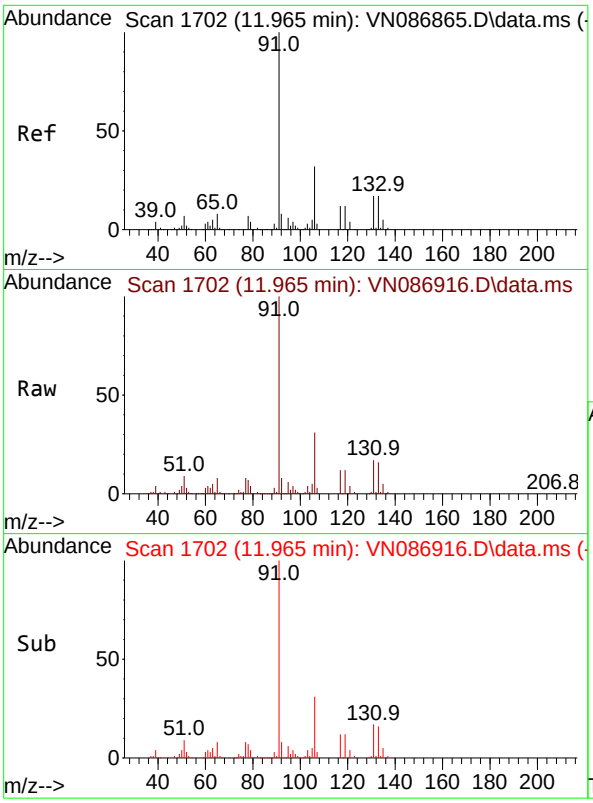


#66
1,1,1,2-Tetrachloroethane
Concen: 19.118 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:131 Resp: 52766

Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.3	144.8
119	69.7	34.0	101.8

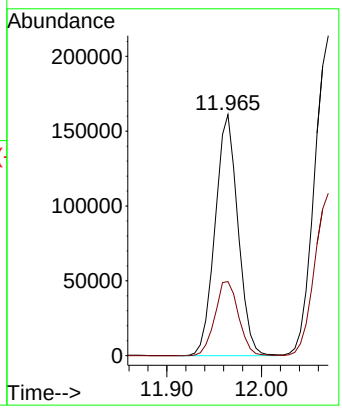




#67
Ethyl Benzene
Concen: 18.284 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 91 Resp: 27041

Ion	Ratio	Lower	Upper
91	100		
106	30.7	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
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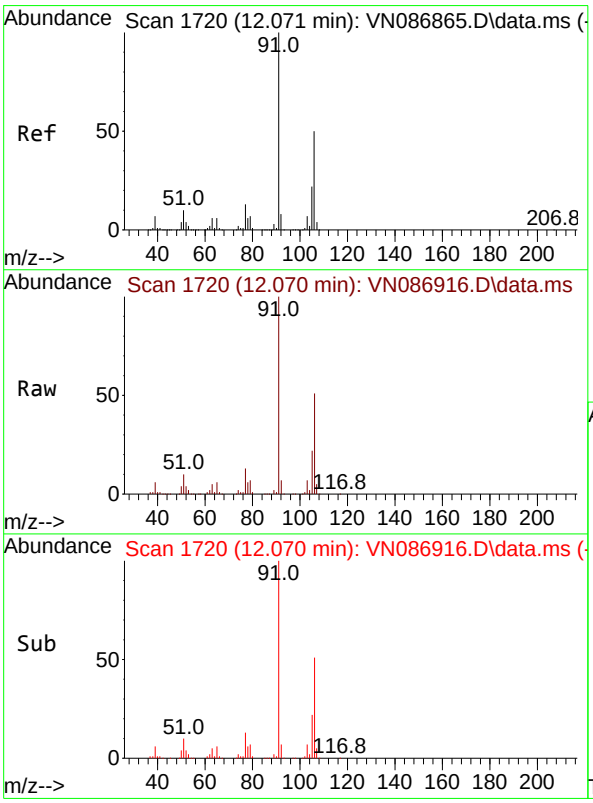
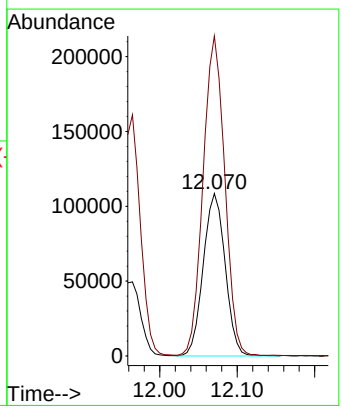
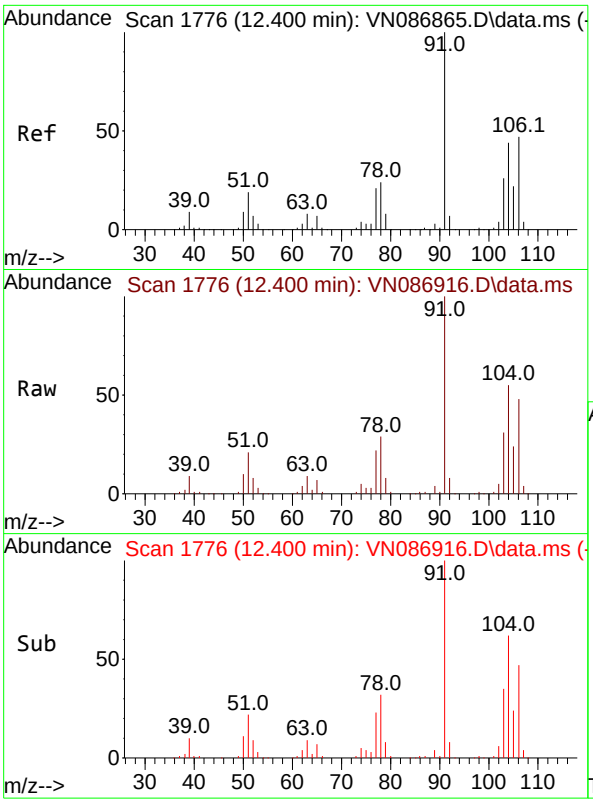


#68
m/p-Xylenes
Concen: 37.696 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:106 Resp: 213409

Ion	Ratio	Lower	Upper
106	100		
91	193.9	159.4	239.0





#69
o-Xylene
Concen: 18.922 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:106 Resp: 10259

Ion	Ratio	Lower	Upper
106	100		
91	209.7	106.1	318.1

Instrument :
MSVOA_N
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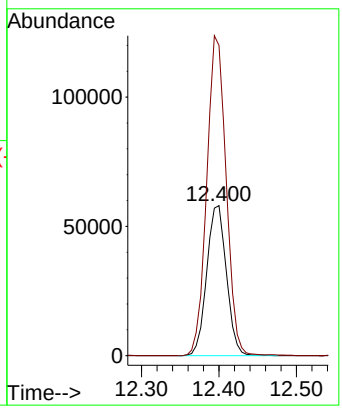
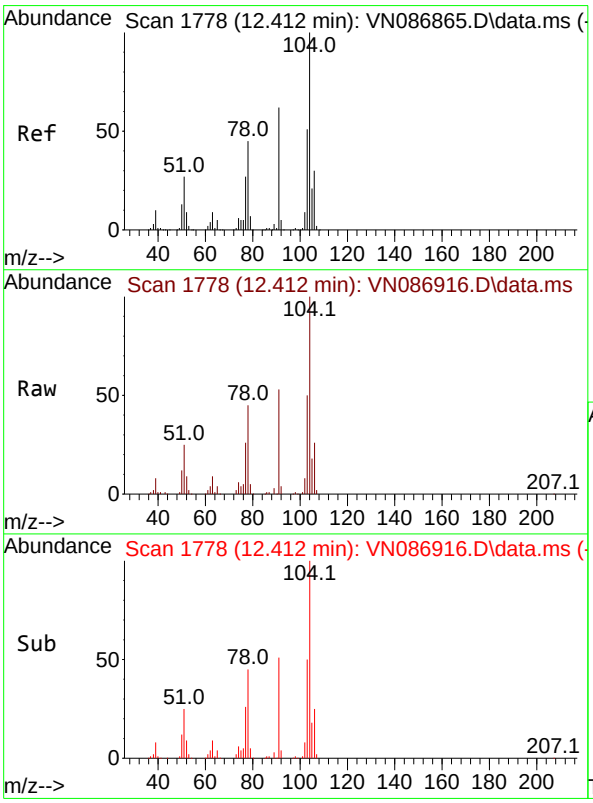
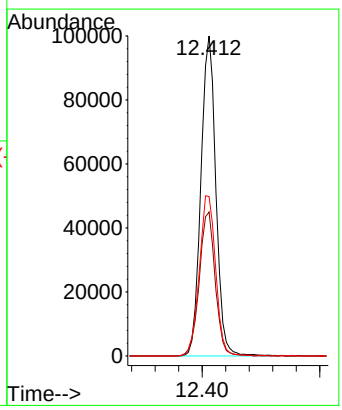


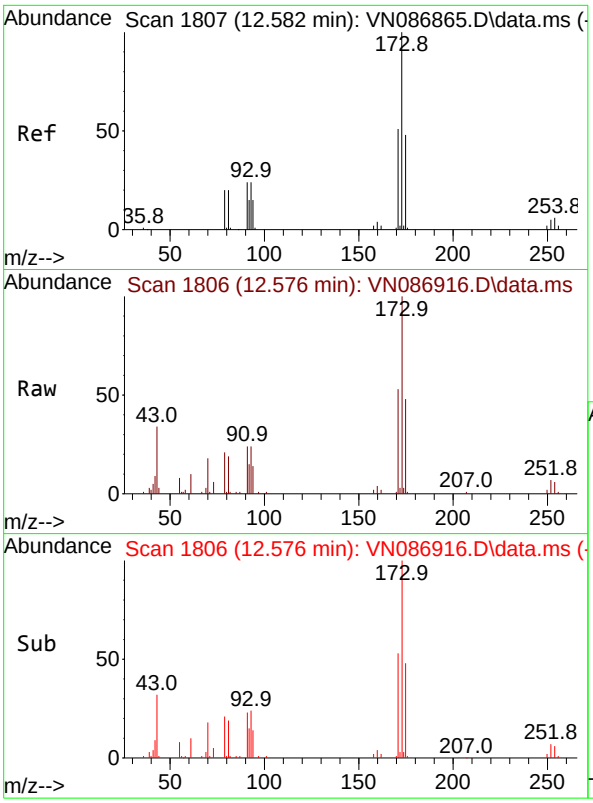


#70
Styrene
Concen: 19.008 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:104 Resp: 176358

Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.5	57.7
103	54.6	43.1	64.7

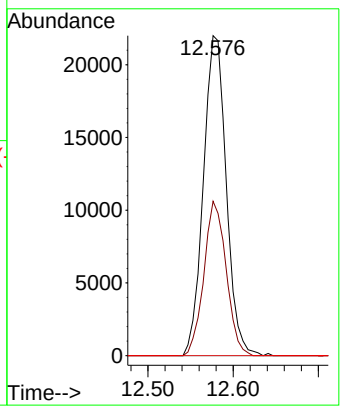




#71
Bromoform
Concen: 20.077 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:173 Resp: 4105

Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.1	72.4
254	0.0	0.0	0.0



Instrument :
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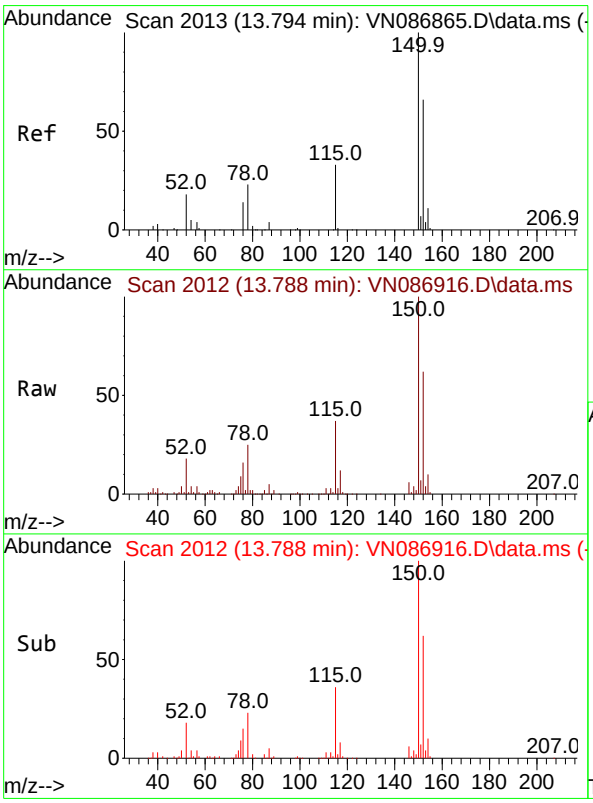
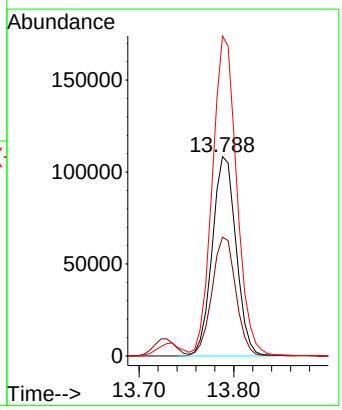
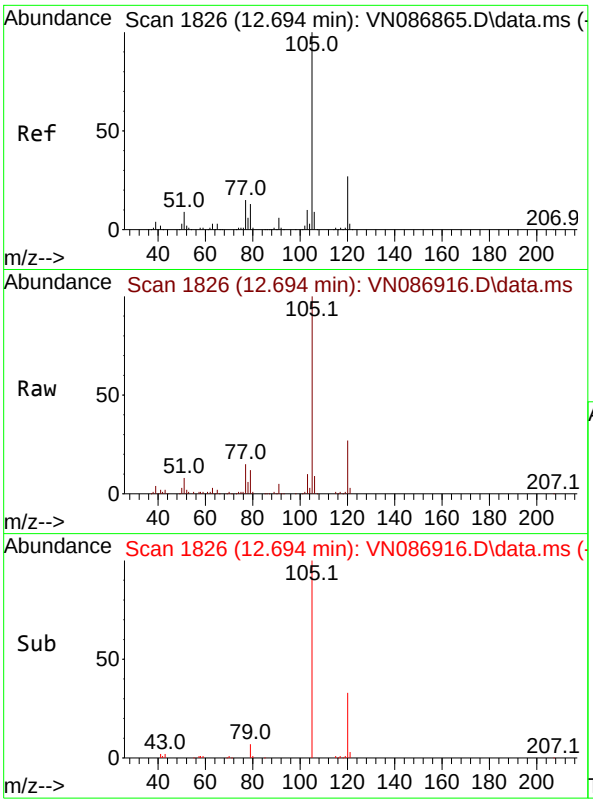


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:152 Resp: 189620

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.1	90.5
150	164.9	0.0	345.0

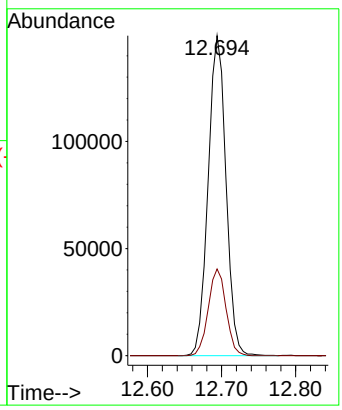




#73
Isopropylbenzene
Concen: 18.055 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:105 Resp: 24941

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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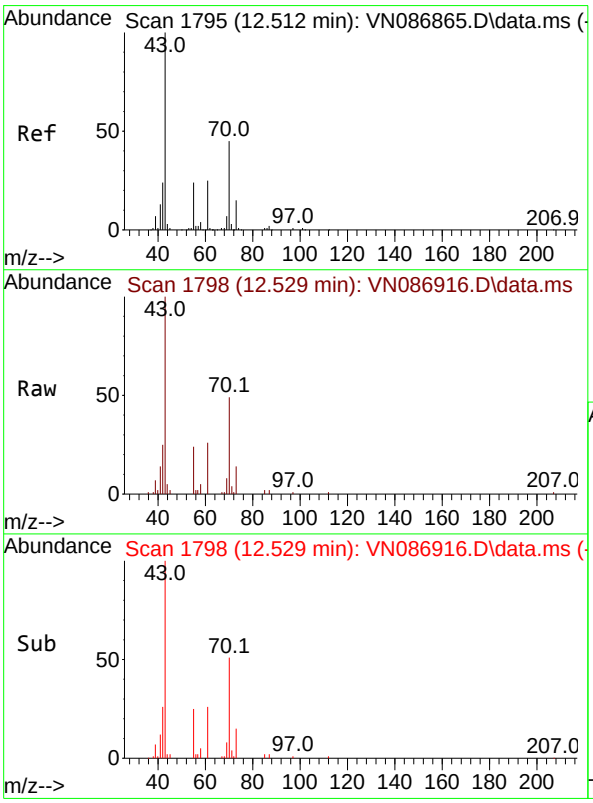
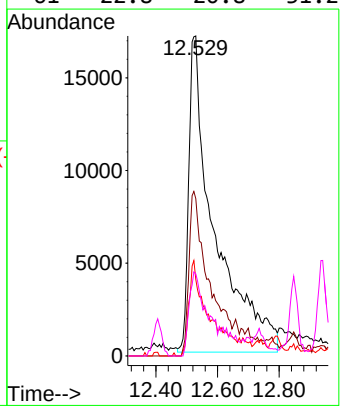
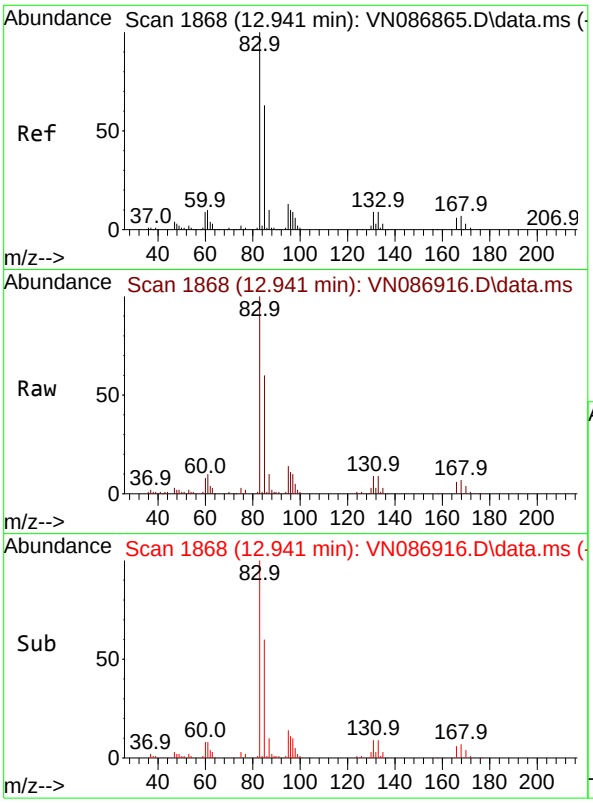


#74
N-amyl acetate
Concen: 20.433 ug/l m
RT: 12.529 min Scan# 1798
Delta R.T. 0.017 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 98634

Ion	Ratio	Lower	Upper
43	100		
70	40.2	37.6	56.4
55	18.8	19.0	28.6#
61	22.8	20.8	31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.372 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 83 Resp: 9065

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	63.0	32.0	96.0

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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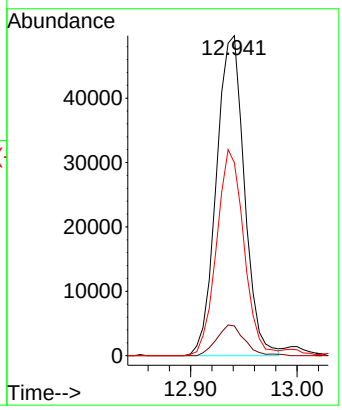
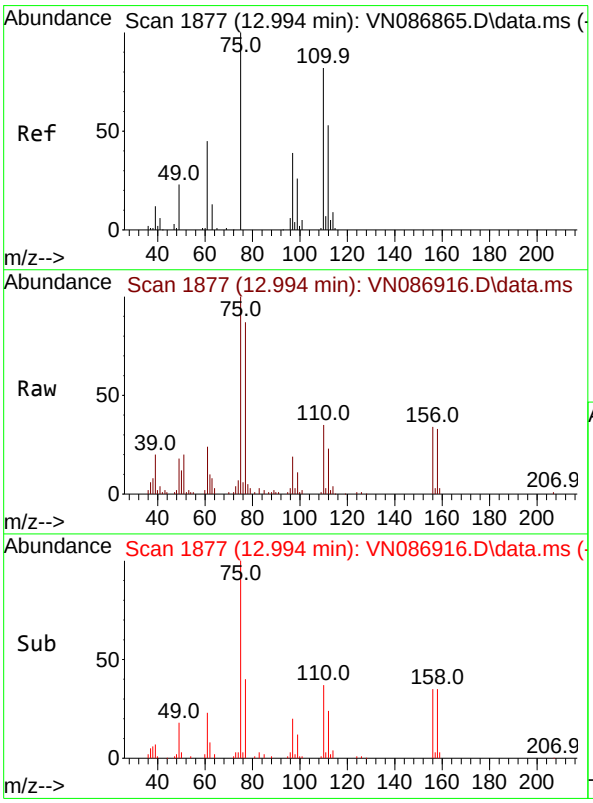
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

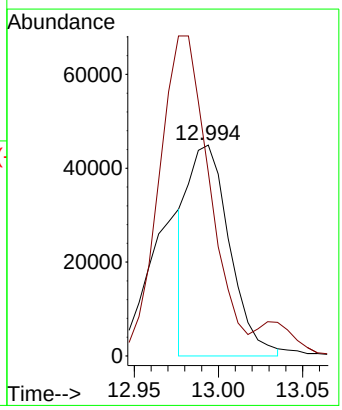


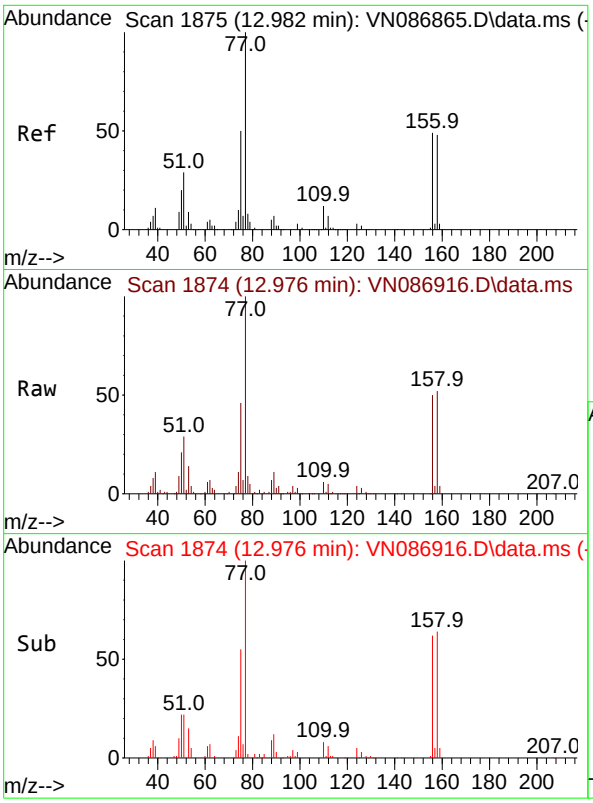


#76
1,2,3-Trichloropropane
Concen: 17.105 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 75 Resp: 77098

Ion	Ratio	Lower	Upper
75	100		
77	185.1	79.3	237.9

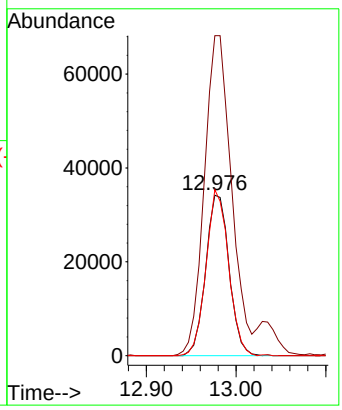




#77
Bromobenzene
Concen: 19.557 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:156 Resp: 6195

Ion	Ratio	Lower	Upper
156	100		
77	230.3	117.7	353.1
158	99.6	48.1	144.4



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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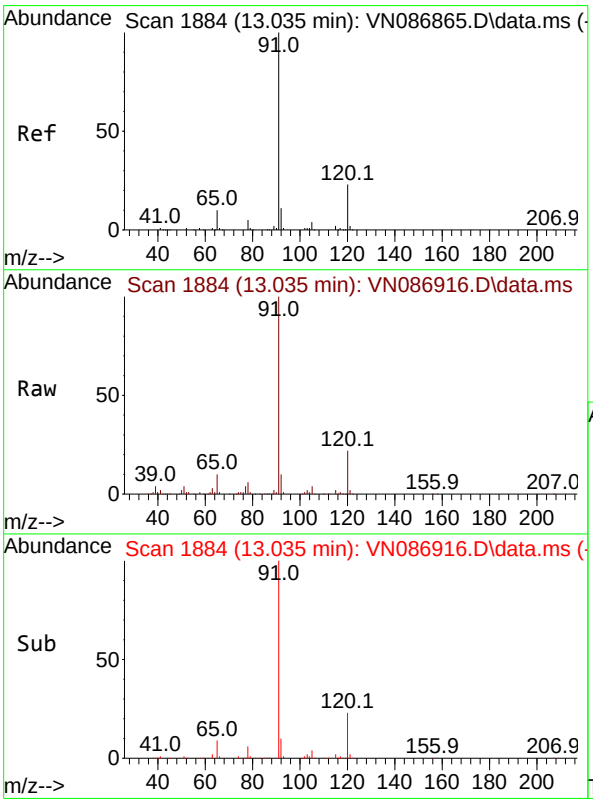
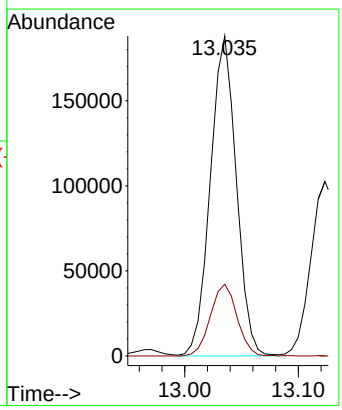
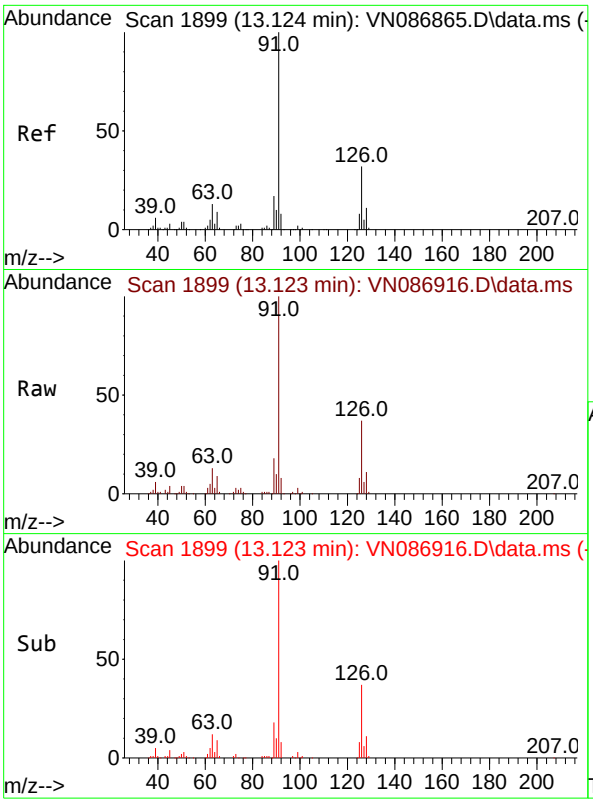


#78
n-propylbenzene
Concen: 17.805 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 91 Resp: 298896

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2

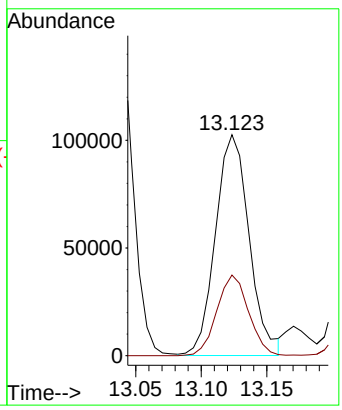




#79
2-Chlorotoluene
Concen: 18.226 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 91 Resp: 18349

Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.2	48.5



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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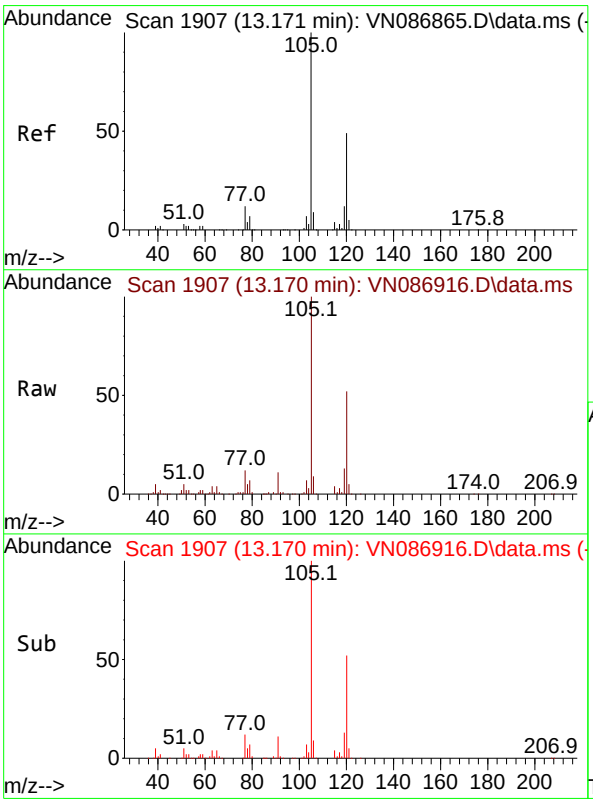
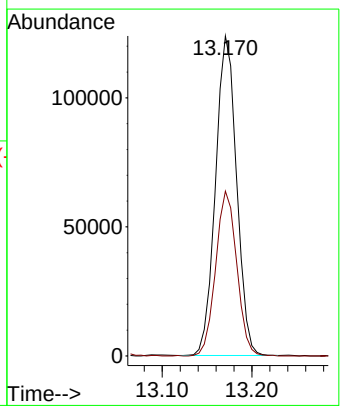
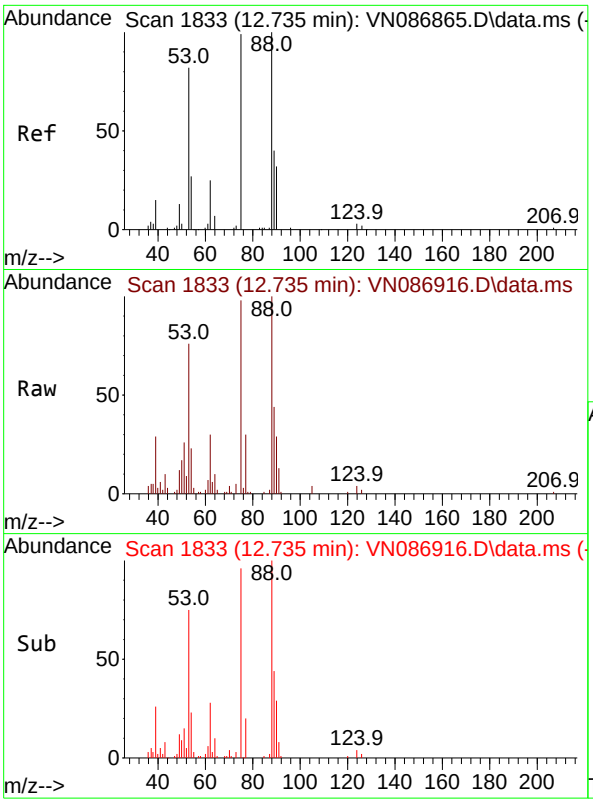


#80
1,3,5-Trimethylbenzene
Concen: 17.705 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:105 Resp: 201924

Ion	Ratio	Lower	Upper
105	100		
120	51.6	24.9	74.6

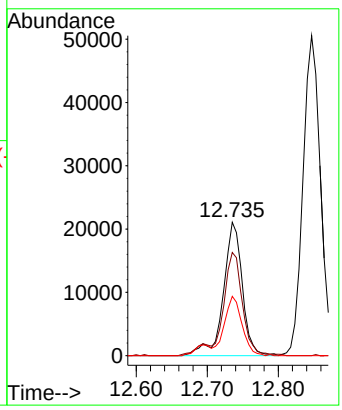




#81
trans-1,4-Dichloro-2-butene
Concen: 19.992 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 75 Resp: 3914

Ion	Ratio	Lower	Upper
75	100		
53	74.1	66.6	99.8
89	41.5	36.7	55.1



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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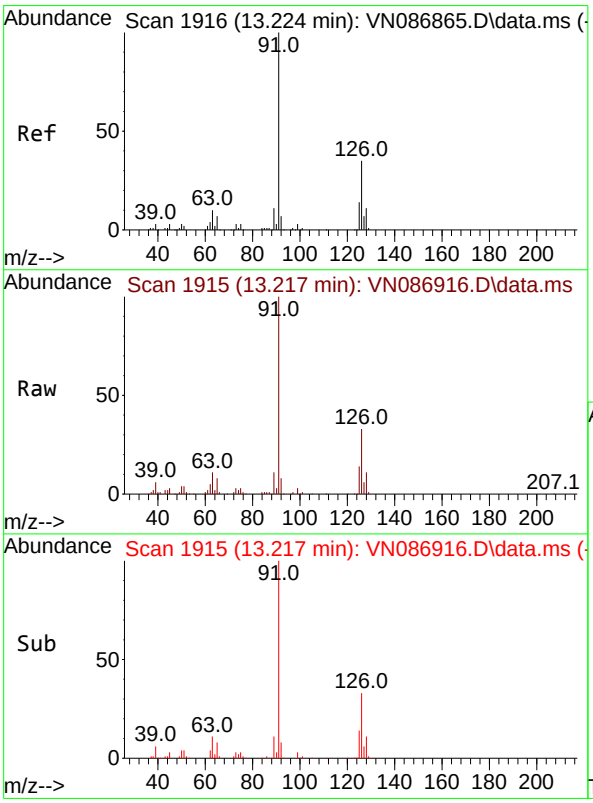
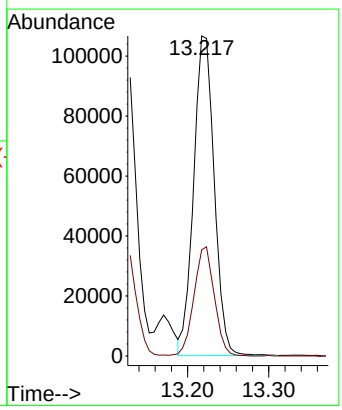
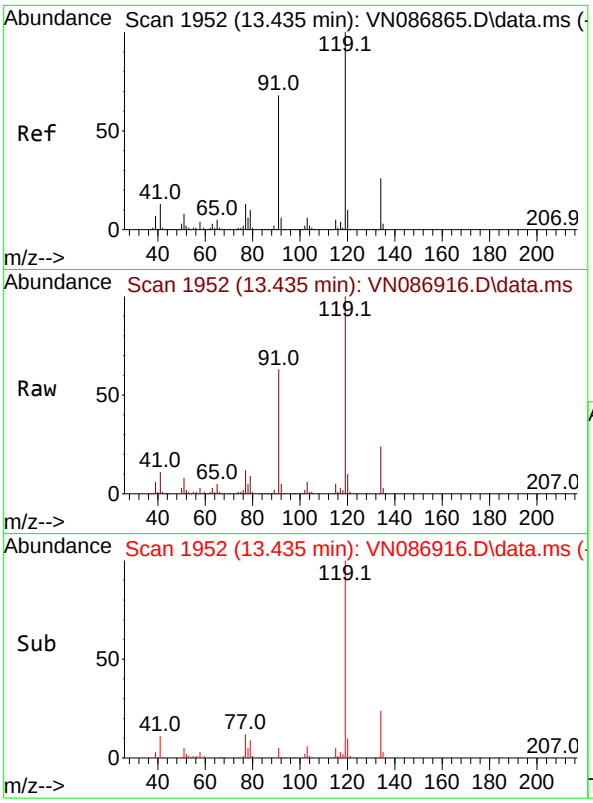


#82
4-Chlorotoluene
Concen: 18.476 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 91 Resp: 188207

Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.7	50.1

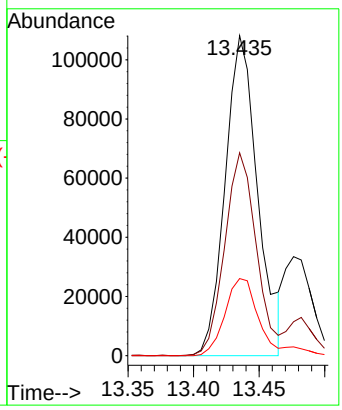




#83
tert-Butylbenzene
Concen: 17.859 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:119 Resp: 18644

Ion	Ratio	Lower	Upper
119	100		
91	61.7	32.1	96.5
134	26.2	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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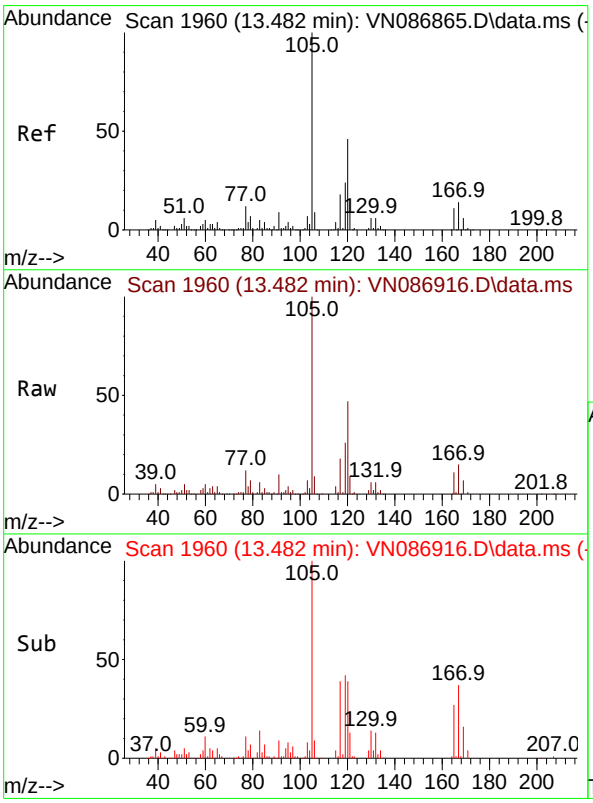
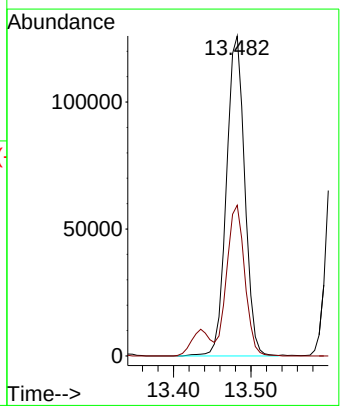
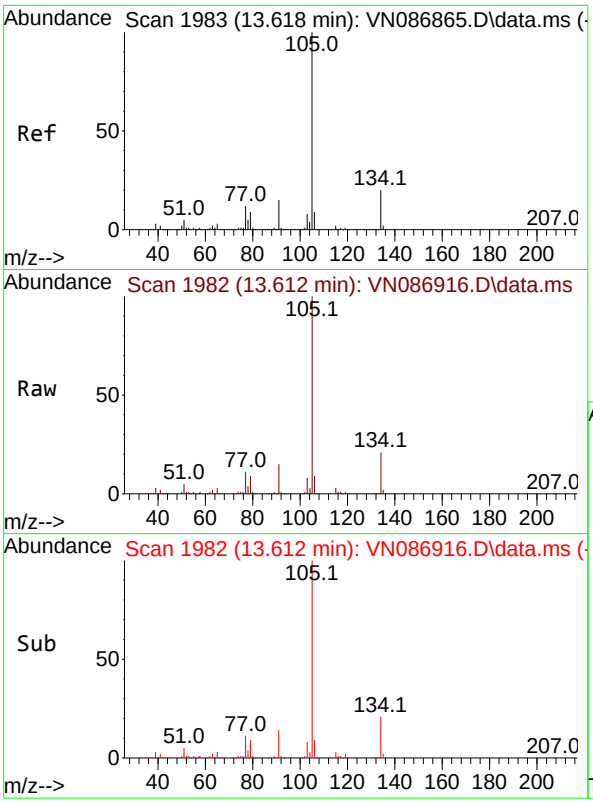


#84
1,2,4-Trimethylbenzene
Concen: 18.071 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:105 Resp: 206670

Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.2	69.6

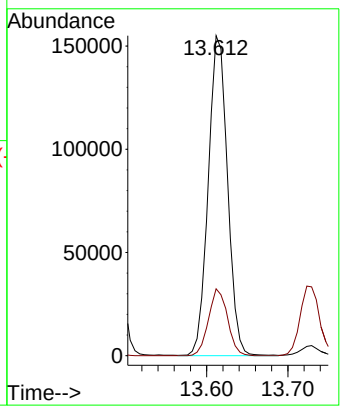




#85
sec-Butylbenzene
Concen: 16.843 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:105 Resp: 25536

Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.0	30.0



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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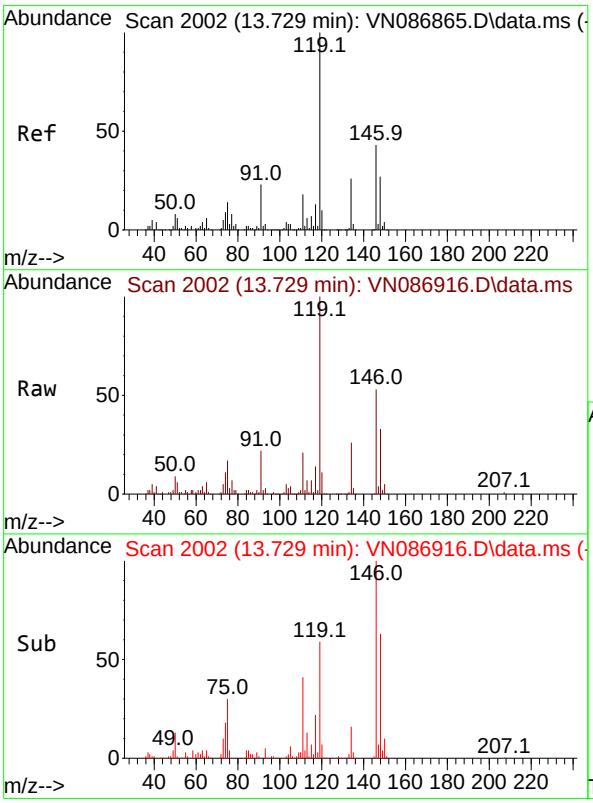
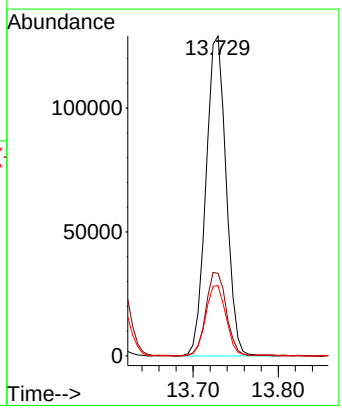
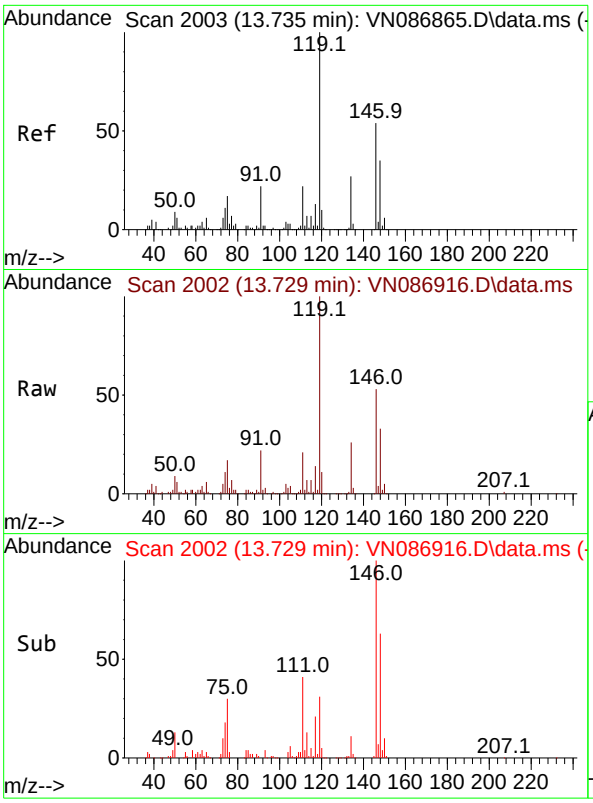


#86
p-Isopropyltoluene
Concen: 16.927 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:119 Resp: 212141

Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.5	40.4
91	22.5	11.5	34.4

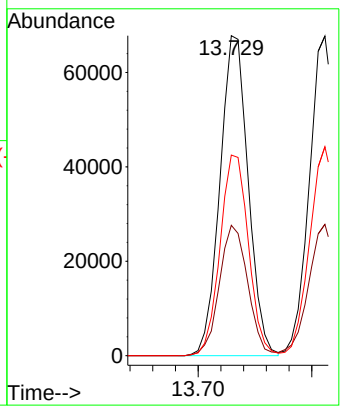




#87
1,3-Dichlorobenzene
Concen: 18.823 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:146 Resp: 11732

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.9	62.8
148	63.0	32.0	96.2



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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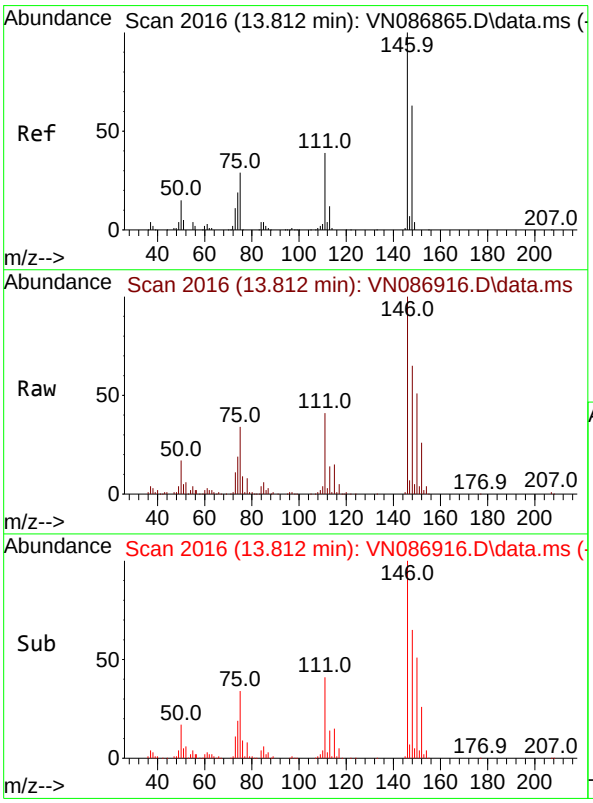
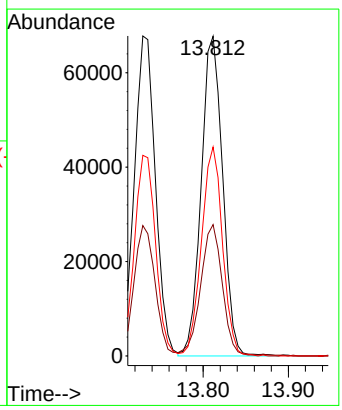
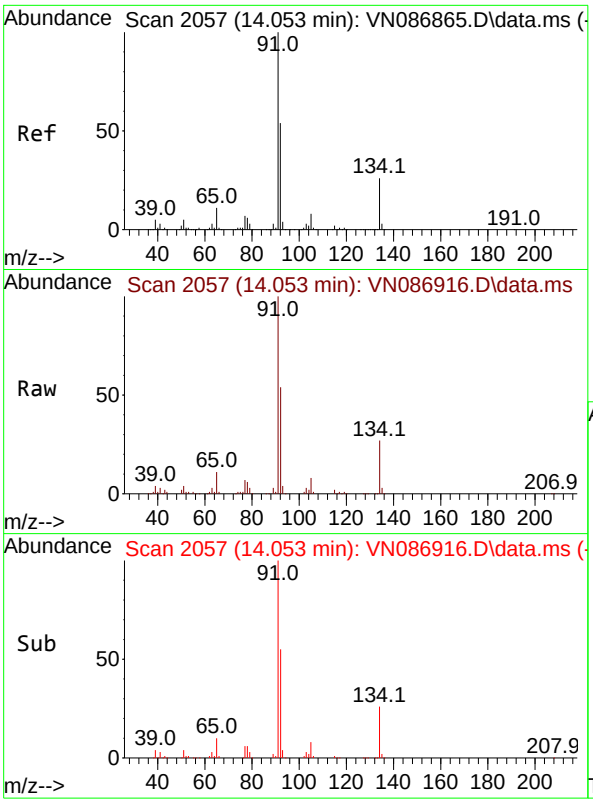


#88
1,4-Dichlorobenzene
Concen: 18.671 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:146 Resp: 118648

Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.7
148	64.3	31.8	95.4

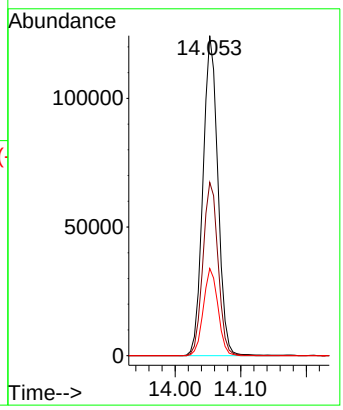




#89
n-Butylbenzene
Concen: 16.250 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 91 Resp: 19725

Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.5	82.4
134	26.7	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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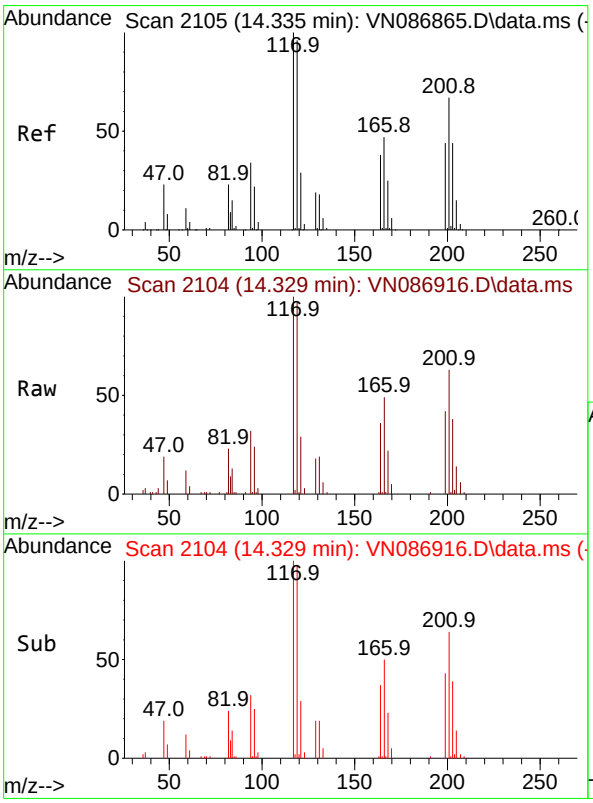
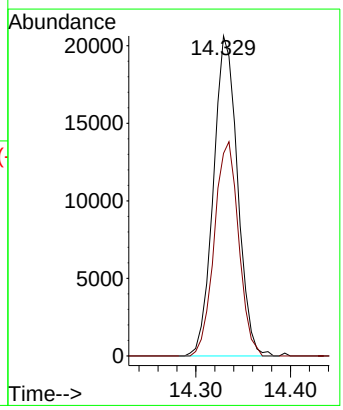
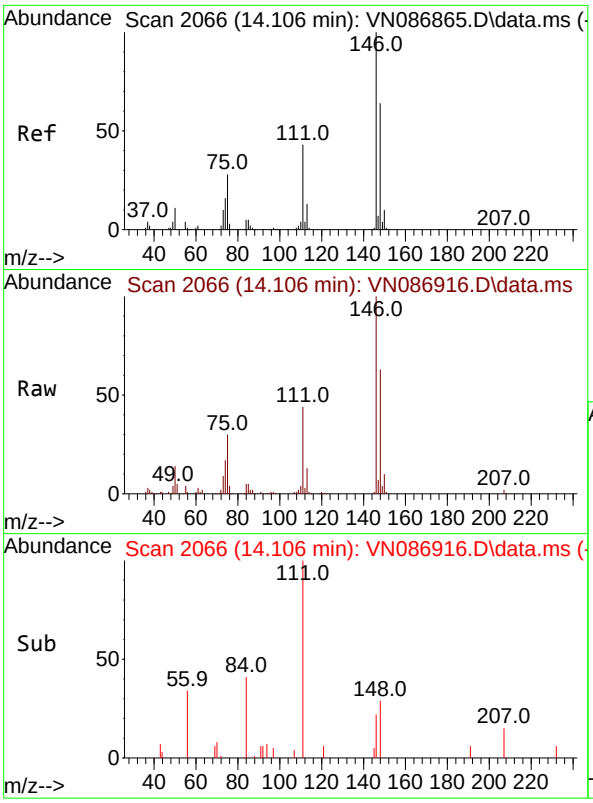


#90
Hexachloroethane
Concen: 17.178 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:117 Resp: 36492

Ion	Ratio	Lower	Upper
117	100		
201	67.5	33.2	99.6

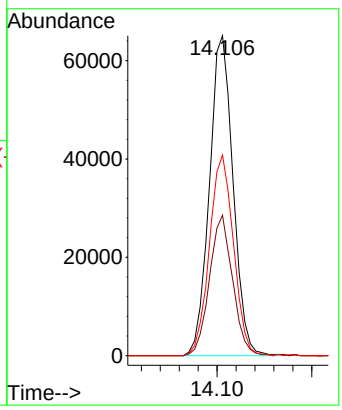




#91
1,2-Dichlorobenzene
Concen: 18.837 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:146 Resp: 11279

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	64.6
148	63.8	31.7	95.1



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

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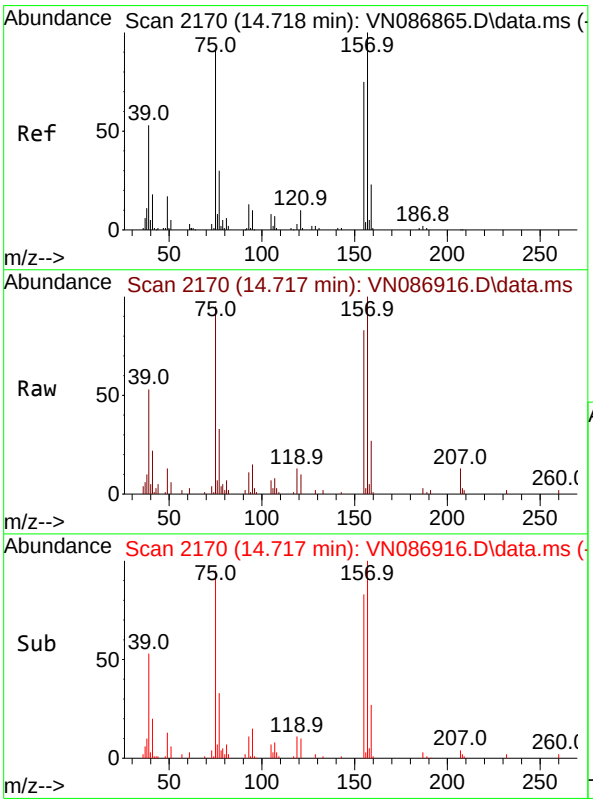
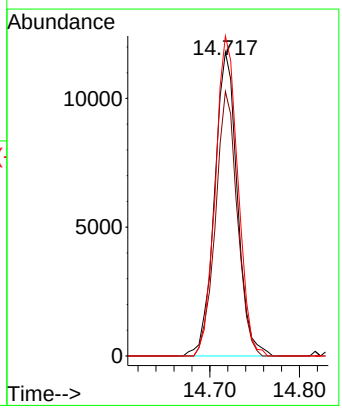
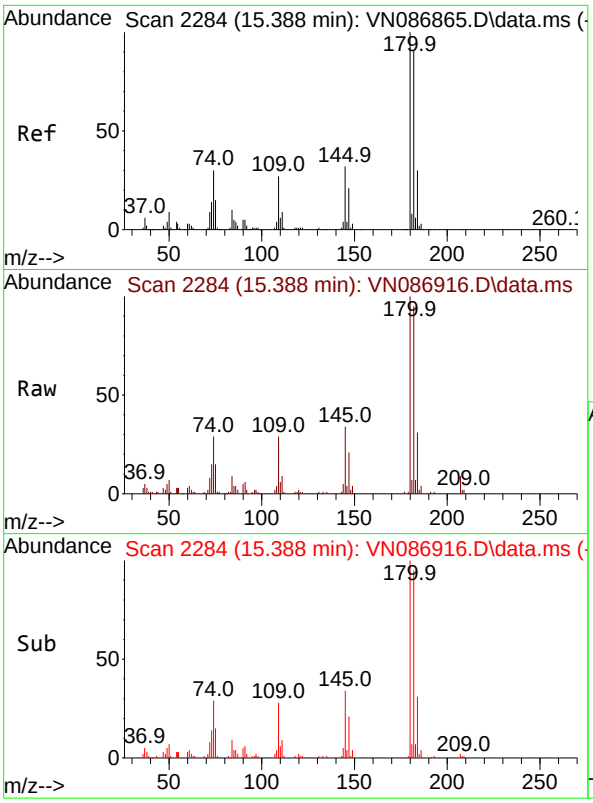


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.587 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 75 Resp: 20803

Ion	Ratio	Lower	Upper
75	100		
155	83.1	41.1	123.4
157	104.1	52.7	158.1

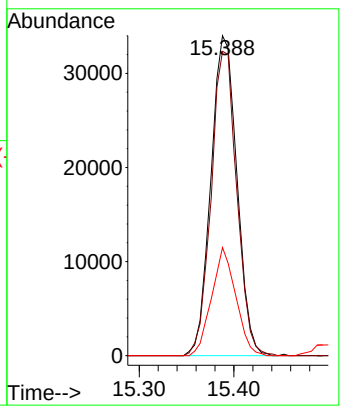




#93
1,2,4-Trichlorobenzene
Concen: 16.956 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:180 Resp: 6483

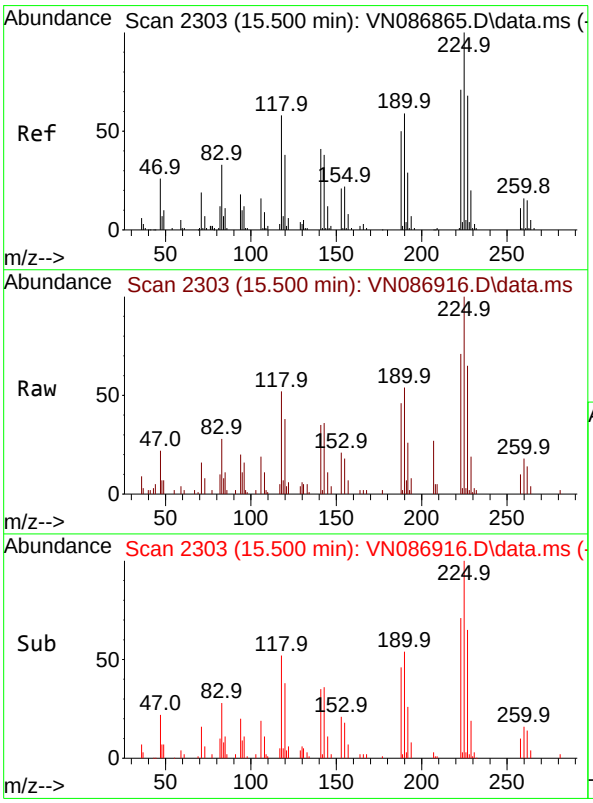
Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.7
145	31.5	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Manual Integrations APPROVED

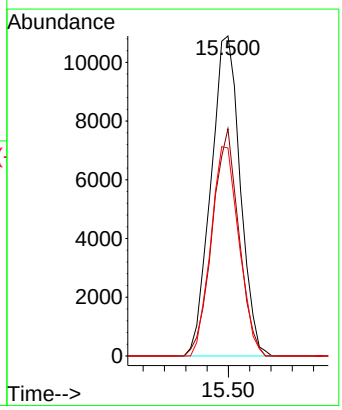
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

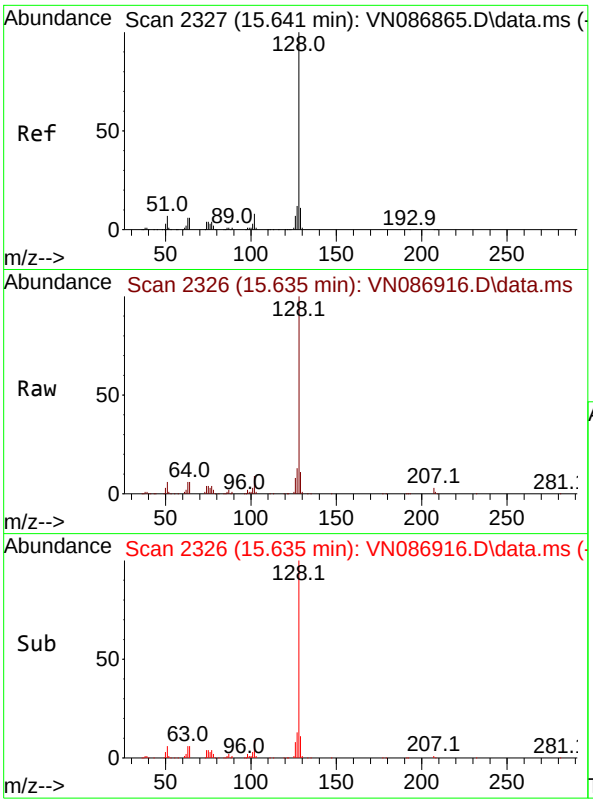


#94
Hexachlorobutadiene
Concen: 14.552 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:225 Resp: 20732

Ion	Ratio	Lower	Upper
225	100		
223	64.7	33.5	100.4
227	63.1	31.1	93.5

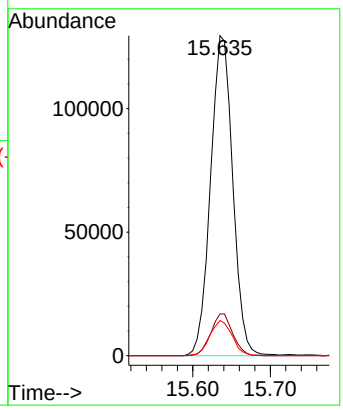




#95
Naphthalene
Concen: 18.109 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:128 Resp: 25775

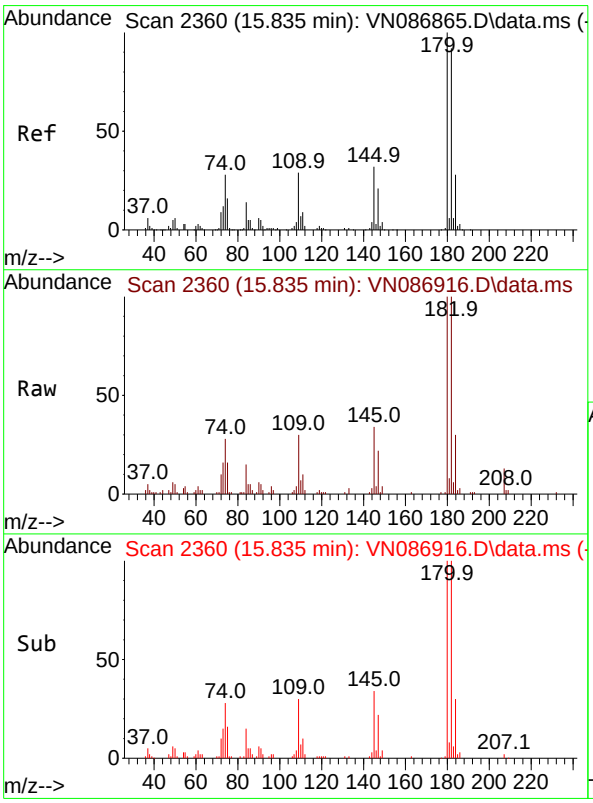
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Manual Integrations
APPROVED

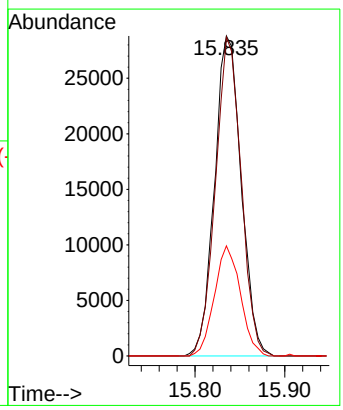
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.670 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:180 Resp: 59536

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.0
145	33.5	16.6	49.8



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VN0611WBS02	SDG No.:	Q2251
Lab Sample ID:	VN0611WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086944.D	1		06/11/25 13:27	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	16.1		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	16.6		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	19.4		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.2		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	0.75	1.00	ug/L
67-64-1	Acetone	99.0		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	17.8		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.6		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	19.0		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.4		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	90.4		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	0.75	1.00	ug/L
67-66-3	Chloroform	19.5		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.0		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	16.9		0.16	0.50	1.00	ug/L
71-43-2	Benzene	19.3		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.5		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	19.9		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.0		0.68	2.50	5.00	ug/L
108-88-3	Toluene	19.5		0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.9		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.1		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	89.2		0.89	2.50	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VN0611WBS02	SDG No.:	Q2251
Lab Sample ID:	VN0611WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086944.D	1		06/11/25 13:27	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	20.5		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	19.2		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	20.0		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	19.6		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	39.6		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	20.2		0.12	0.50	1.00	ug/L
100-42-5	Styrene	20.1		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	21.0		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.0		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.3		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.4		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.0		0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.1		81 - 118		94%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	48.7		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		85 - 114		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	207000	8.235				
540-36-3	1,4-Difluorobenzene	371000	9.106				
3114-55-4	Chlorobenzene-d5	321000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	157000	13.788				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	206799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	370524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	130342	47.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.160%			
35) Dibromofluoromethane	8.177	113	112198	51.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	10.571	98	423380	48.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.420%			
62) 4-Bromofluorobenzene	12.847	95	161321	49.951	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	40672	19.725	ug/l	100
3) Chloromethane	2.401	50	42812	16.079	ug/l	97
4) Vinyl Chloride	2.553	62	51780	18.852	ug/l	95
5) Bromomethane	3.000	94	25577	16.641	ug/l	90
6) Chloroethane	3.153	64	34500	19.446	ug/l	99
7) Trichlorofluoromethane	3.530	101	68752	19.159	ug/l	99
8) Diethyl Ether	3.983	74	30914	19.772	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.400	101	44117	19.568	ug/l	99
10) Methyl Iodide	4.612	142	36924	12.634	ug/l	100
11) Tert butyl alcohol	5.541	59	69743	92.831	ug/l	99
12) 1,1-Dichloroethene	4.365	96	44269	19.233	ug/l	97
13) Acrolein	4.206	56	22290	93.730	ug/l	98
14) Allyl chloride	5.047	41	68027	17.821	ug/l	97
15) Acrylonitrile	5.741	53	166971	95.084	ug/l	100
16) Acetone	4.447	43	145322	98.972	ug/l	98
17) Carbon Disulfide	4.742	76	113132	17.769	ug/l	100
18) Methyl Acetate	5.047	43	81357	19.013	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	163338	19.599	ug/l	98
20) Methylene Chloride	5.294	84	52196	18.988	ug/l	96
21) trans-1,2-Dichloroethene	5.812	96	47284	18.464	ug/l	95
22) Diisopropyl ether	6.688	45	155508	19.326	ug/l	97
23) Vinyl Acetate	6.618	43	653278	96.092	ug/l	98
24) 1,1-Dichloroethane	6.588	63	89930	19.421	ug/l	100
25) 2-Butanone	7.494	43	215760	90.401	ug/l	96
26) 2,2-Dichloropropane	7.500	77	78031	21.663	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	59578	19.453	ug/l	99
28) Bromochloromethane	7.824	49	45329	19.909	ug/l	95
29) Tetrahydrofuran	7.853	42	143866	92.532	ug/l	97
30) Chloroform	7.977	83	90272	19.521	ug/l	98
31) Cyclohexane	8.265	56	79050	17.603	ug/l	97
32) 1,1,1-Trichloroethane	8.182	97	74861	19.033	ug/l	97
36) 1,1-Dichloropropene	8.377	75	63577	19.431	ug/l	99
37) Ethyl Acetate	7.571	43	80415	19.306	ug/l	99
38) Carbon Tetrachloride	8.371	117	61747	19.222	ug/l	97
39) Methylcyclohexane	9.606	83	75971	16.947	ug/l	98
40) Benzene	8.612	78	206255	19.277	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	42617	18.218	ug/l		93
42) 1,2-Dichloroethane	8.677	62	63379	19.530	ug/l		98
43) Isopropyl Acetate	8.694	43	126914	18.984	ug/l		98
44) Trichloroethene	9.359	130	50593	19.942	ug/l		99
45) 1,2-Dichloropropane	9.624	63	51091	19.628	ug/l		95
46) Dibromomethane	9.712	93	34741	20.093	ug/l		99
47) Bromodichloromethane	9.894	83	69845	19.634	ug/l		98
48) Methyl methacrylate	9.682	41	57757	18.771	ug/l		99
49) 1,4-Dioxane	9.706	88	22914	409.347	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.447	43	394396	97.997	ug/l		99
52) Toluene	10.629	92	127563	19.509	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	79224	19.917	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	85586	20.109	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	51421	20.438	ug/l		94
56) Ethyl methacrylate	10.882	69	80942	20.198	ug/l		94
57) 1,3-Dichloropropane	11.165	76	85602	19.613	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	243584	101.910	ug/l		99
59) 2-Hexanone	11.206	43	231264	89.210	ug/l		95
60) Dibromochloromethane	11.359	129	53655	20.468	ug/l		99
61) 1,2-Dibromoethane	11.471	107	50832	19.711	ug/l		99
64) Tetrachloroethene	11.106	164	38926	19.150	ug/l		98
65) Chlorobenzene	11.894	112	141721	20.006	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	46404	20.378	ug/l		99
67) Ethyl Benzene	11.965	91	239733	19.647	ug/l		100
68) m/p-Xylenes	12.070	106	185026	39.613	ug/l		99
69) o-Xylene	12.400	106	90240	20.172	ug/l		99
70) Styrene	12.412	104	154149	20.137	ug/l		99
71) Bromoform	12.582	173	35350	20.952	ug/l	#	96
73) Isopropylbenzene	12.694	105	221545	19.320	ug/l		99
74) N-amyl acetate	12.529	43	63289	15.794	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	81476	20.973	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	71582m	19.132	ug/l		
77) Bromobenzene	12.982	156	55176	20.981	ug/l		98
78) n-propylbenzene	13.035	91	267384	19.187	ug/l		100
79) 2-Chlorotoluene	13.123	91	164813	19.721	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	181773	19.200	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	30121	18.532	ug/l	#	82
82) 4-Chlorotoluene	13.217	91	167991	19.866	ug/l		100
83) tert-Butylbenzene	13.435	119	161593	18.646	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	182431	19.216	ug/l		98
85) sec-Butylbenzene	13.617	105	228907	18.189	ug/l		100
86) p-Isopropyltoluene	13.729	119	192991	18.551	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	104883	20.271	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	107750	20.426	ug/l		99
89) n-Butylbenzene	14.053	91	177482	17.613	ug/l		100
90) Hexachloroethane	14.329	117	33456	18.972	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	99394	19.995	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17796	19.155	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	58509	18.433	ug/l		98
94) Hexachlorobutadiene	15.500	225	19592	16.567	ug/l		97
95) Naphthalene	15.635	128	232760	19.700	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	56144	17.802	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

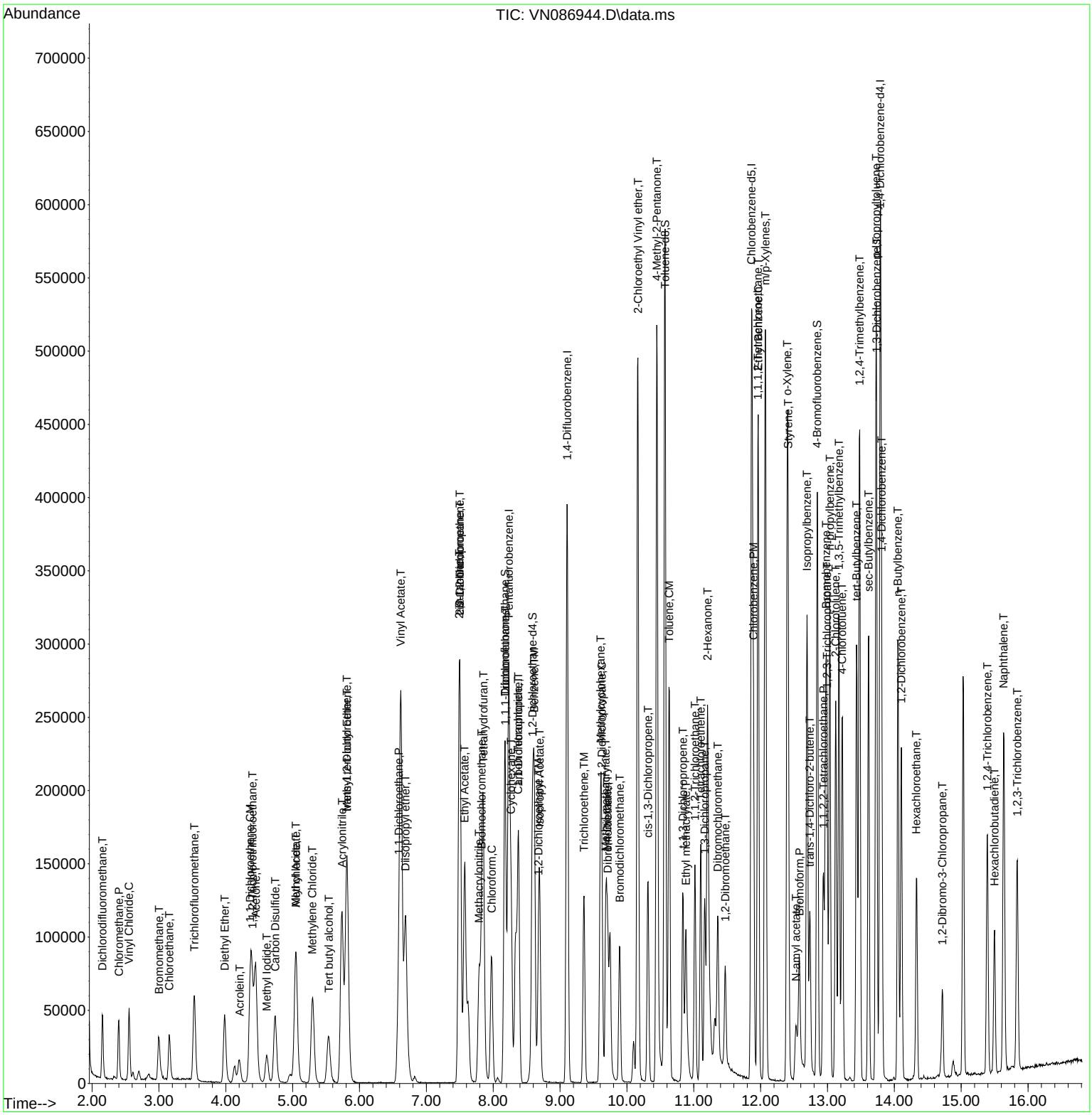
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

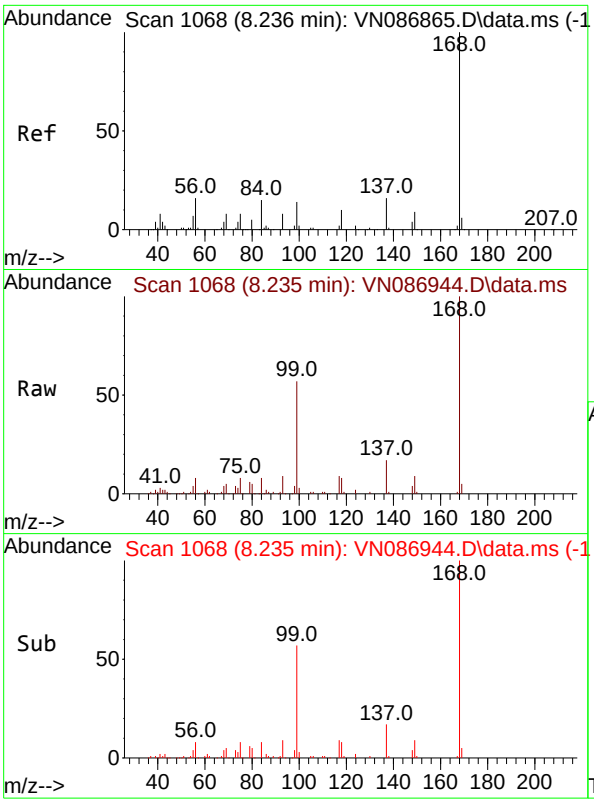
Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

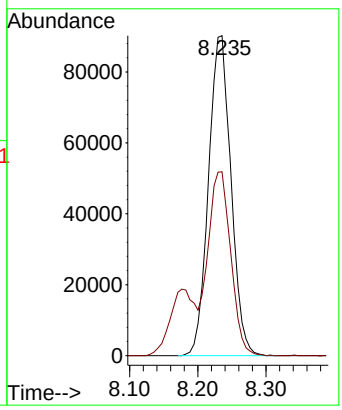




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:168 Resp: 206799

Ion	Ratio	Lower	Upper
168	100		
99	57.5	49.1	73.7



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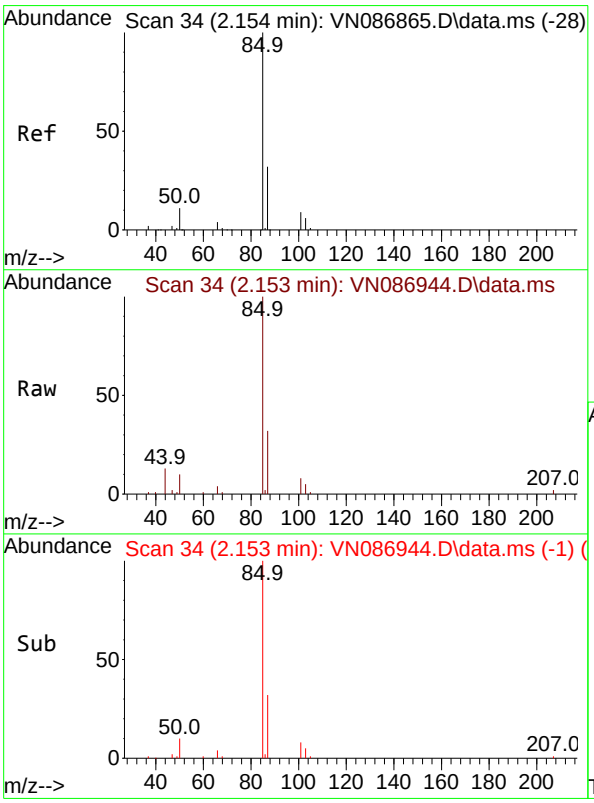
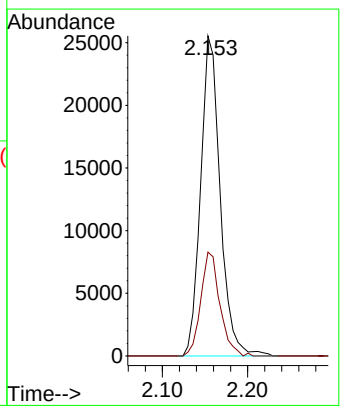
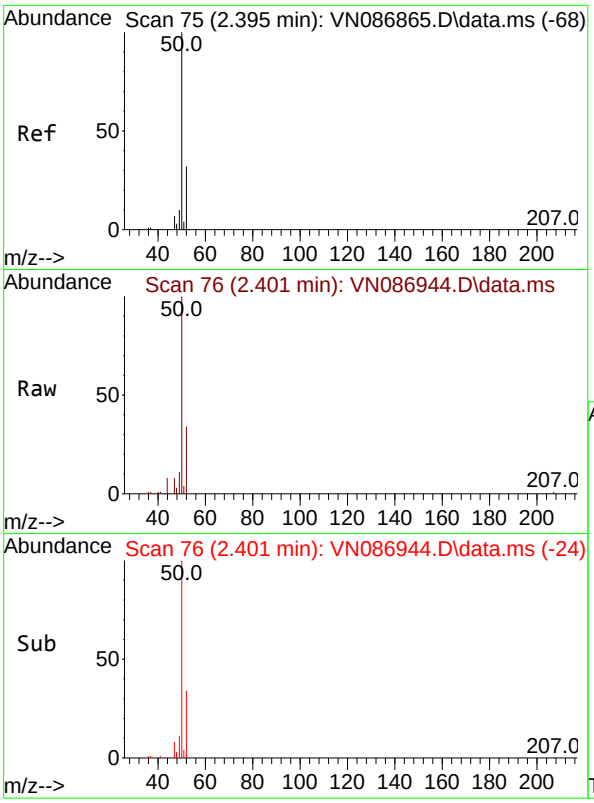


#2
Dichlorodifluoromethane
Concen: 19.725 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 85 Resp: 40672

Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.2	48.6

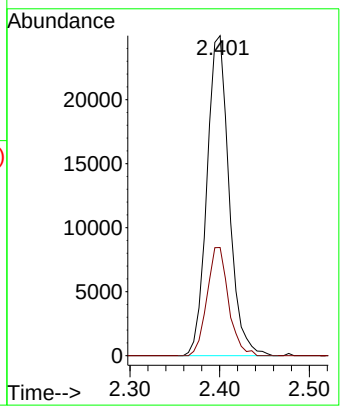




#3
Chloromethane
Concen: 16.079 ug/l
RT: 2.401 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 50 Resp: 4281

Ion	Ratio	Lower	Upper
50	100		
52	33.8	25.7	38.5



Instrument :
MSVOA_N
ClientSampleId :
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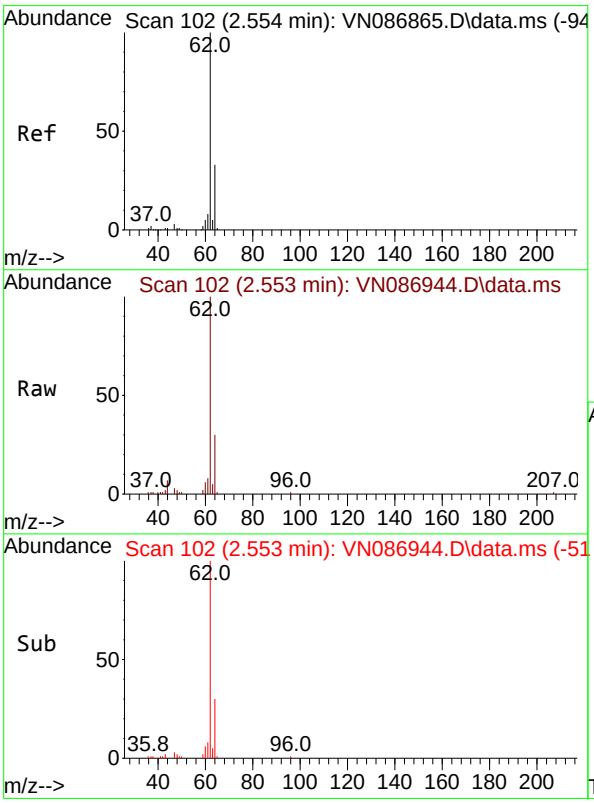
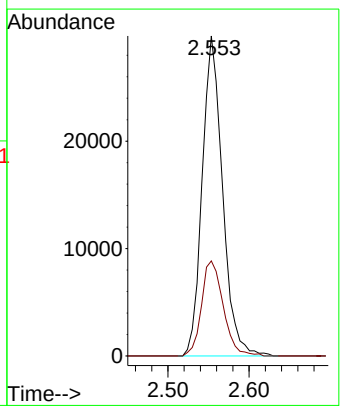
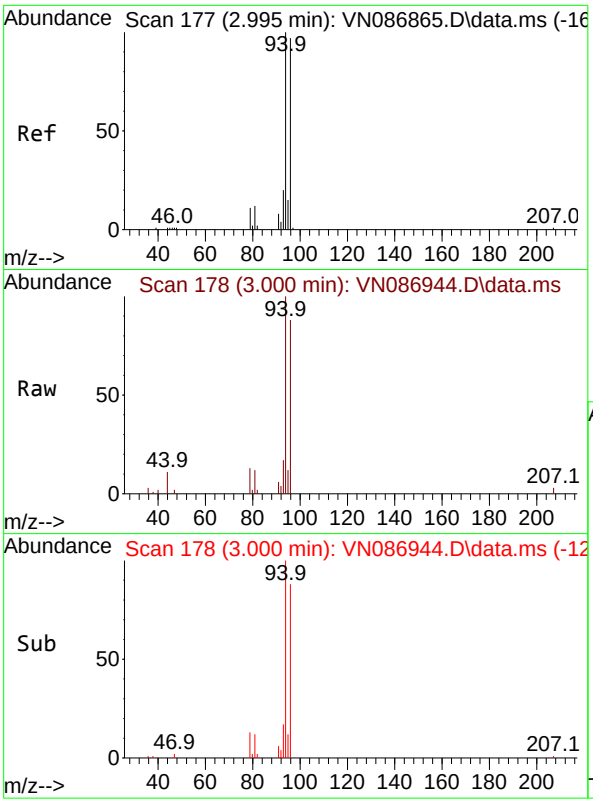


#4
Vinyl Chloride
Concen: 18.852 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 62 Resp: 51780

Ion	Ratio	Lower	Upper
62	100		
64	29.7	26.0	39.0

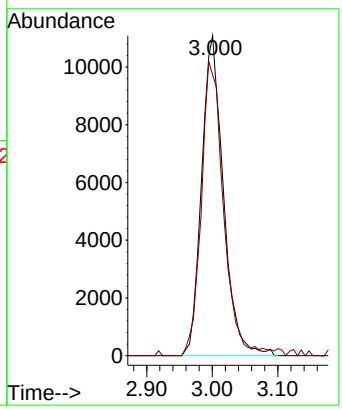




#5
Bromomethane
Concen: 16.641 ug/l
RT: 3.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 94 Resp: 2557

Ion	Ratio	Lower	Upper
94	100		
96	87.8	77.9	116.9



Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

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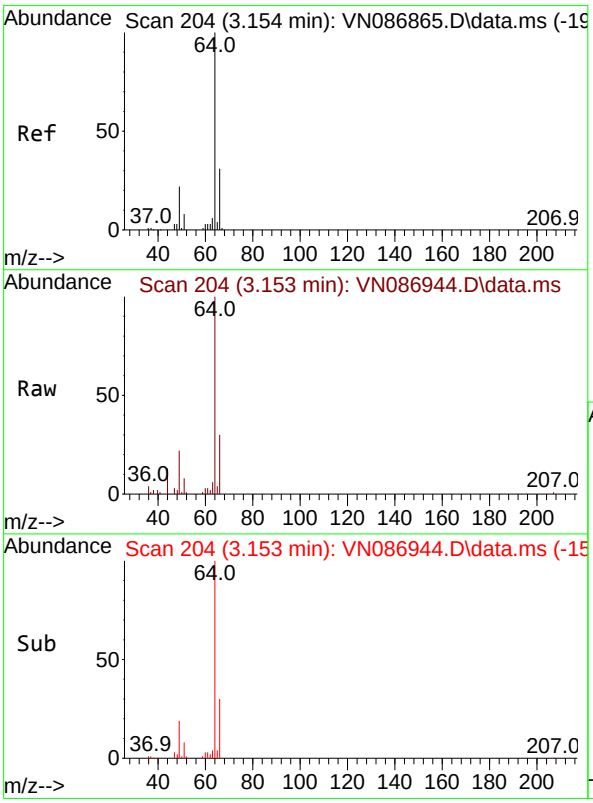
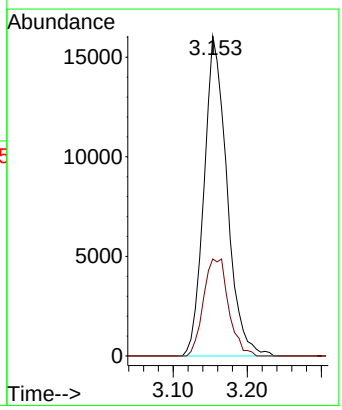
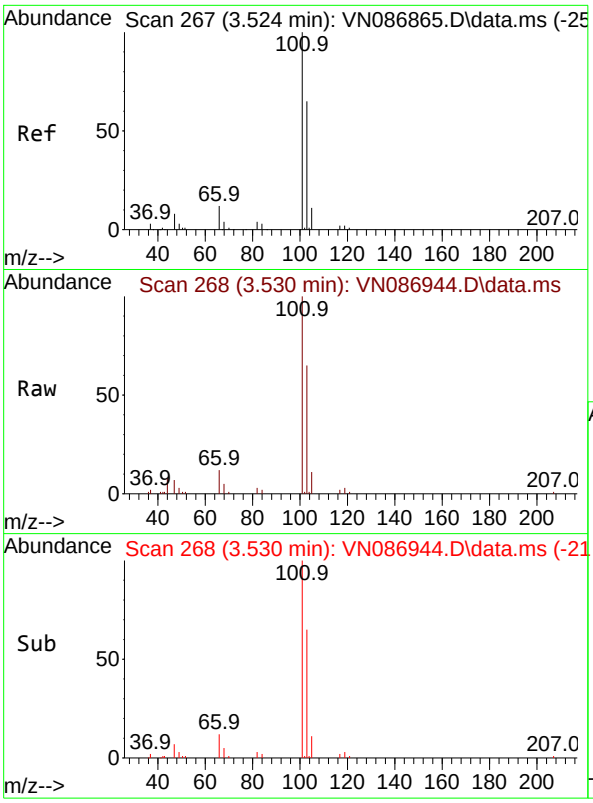


#6
Chloroethane
Concen: 19.446 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 64 Resp: 34500

Ion	Ratio	Lower	Upper
64	100		
66	30.3	24.6	36.8

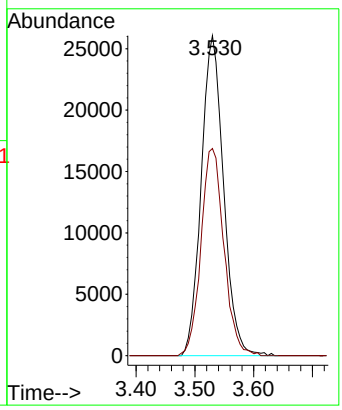




#7
Trichlorofluoromethane
Concen: 19.159 ug/l
RT: 3.530 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:101 Resp: 6875

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.2



Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

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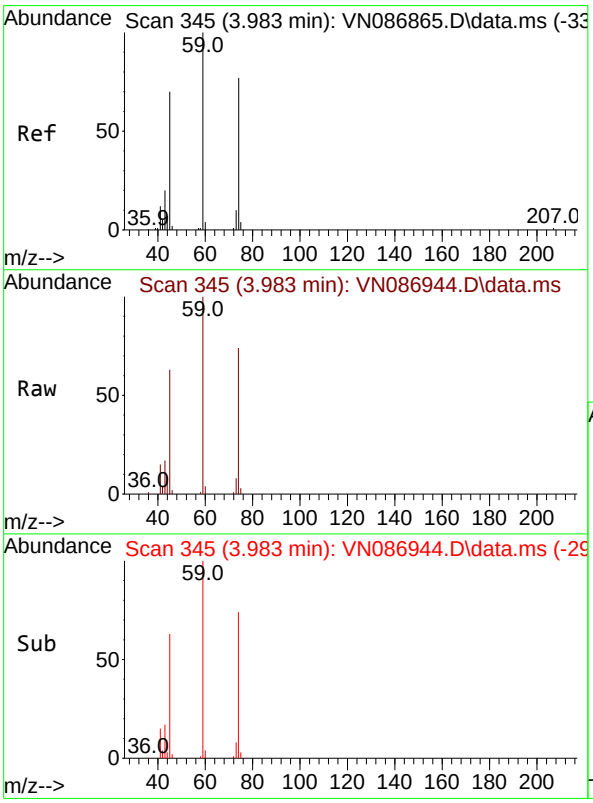
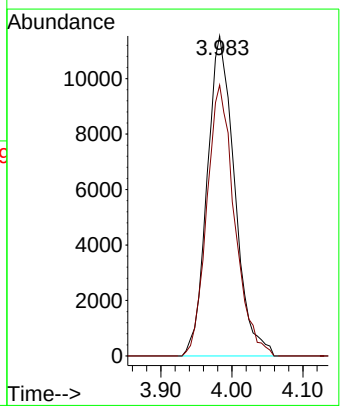
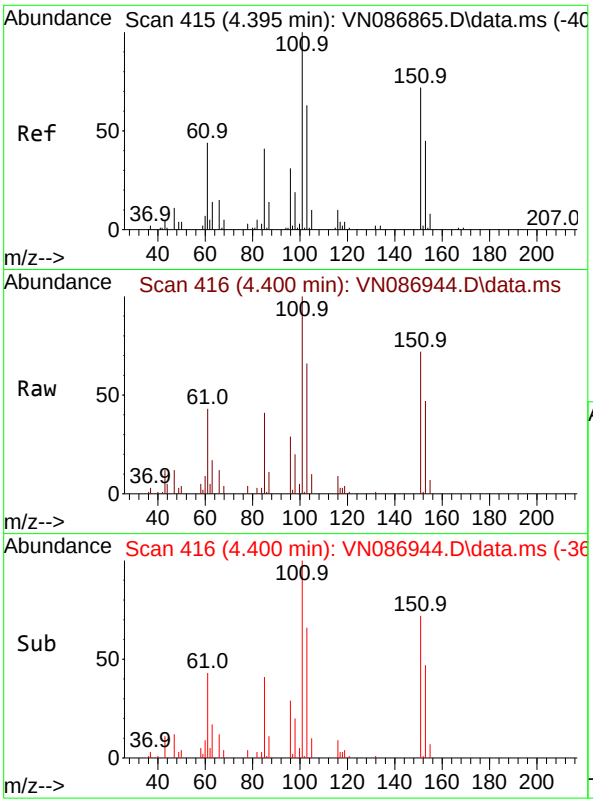


#8
Diethyl Ether
Concen: 19.772 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 74 Resp: 30914

Ion	Ratio	Lower	Upper
74	100		
45	85.5	45.5	136.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.568 ug/l
RT: 4.400 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:101 Resp: 4411

Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.8	50.8
151	74.0	58.7	88.1

Instrument :
MSVOA_N
ClientSampleId :
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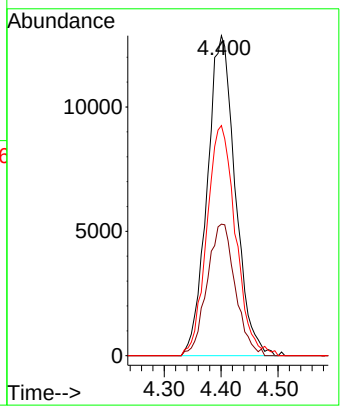
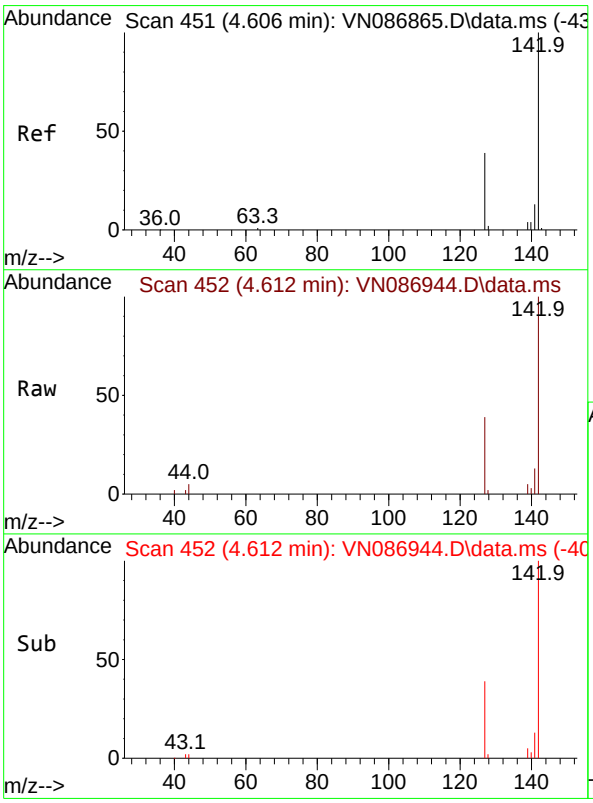
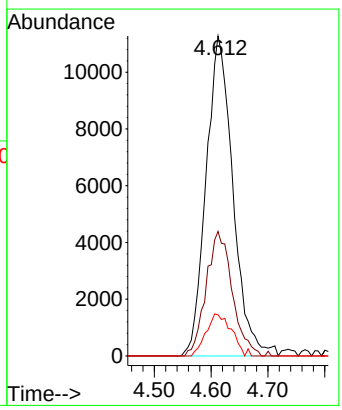


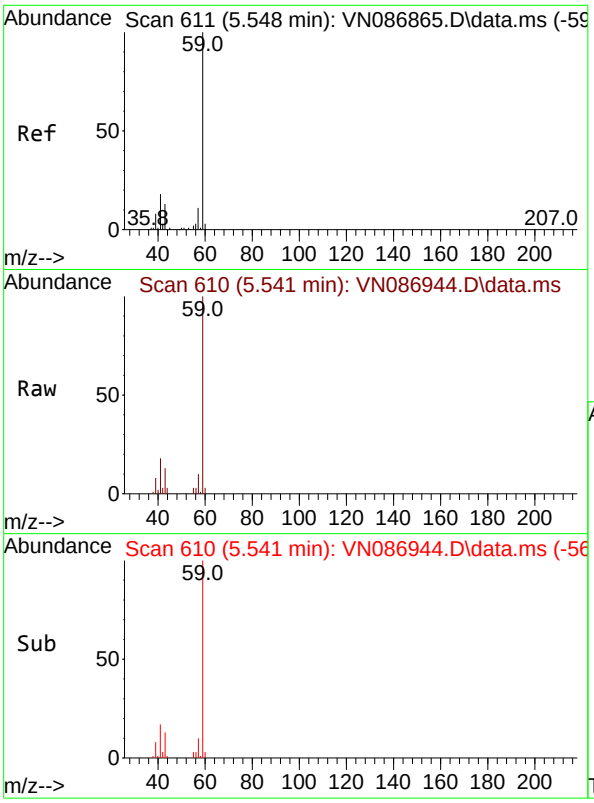


#10
Methyl Iodide
Concen: 12.634 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:142 Resp: 36924

Ion	Ratio	Lower	Upper
142	100		
127	38.9	30.9	46.3
141	12.9	10.4	15.6

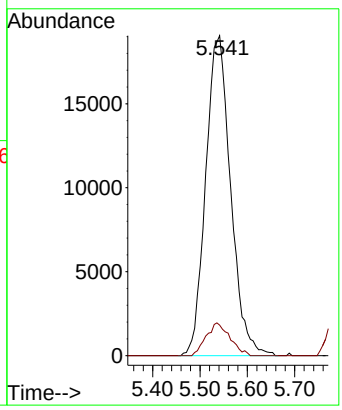




#11
Tert butyl alcohol
Concen: 92.831 ug/l
RT: 5.541 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 59 Resp: 6974

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1



Instrument :
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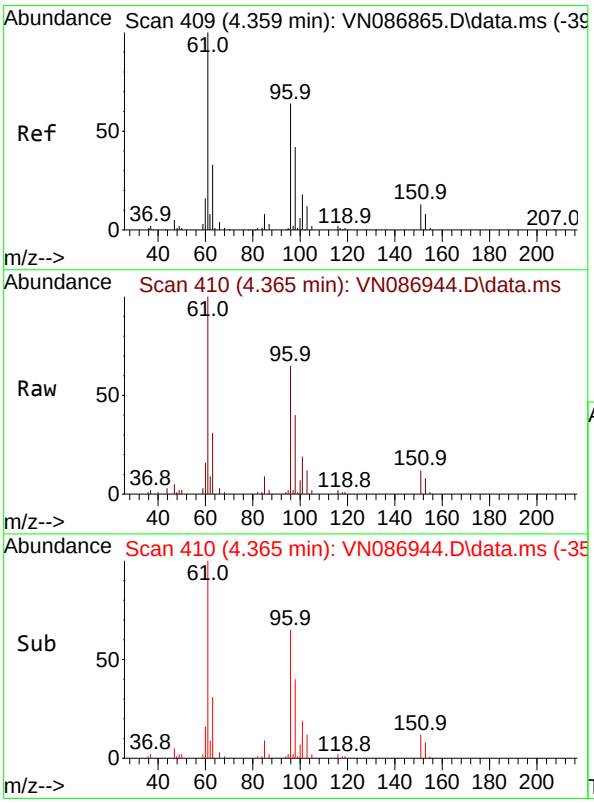
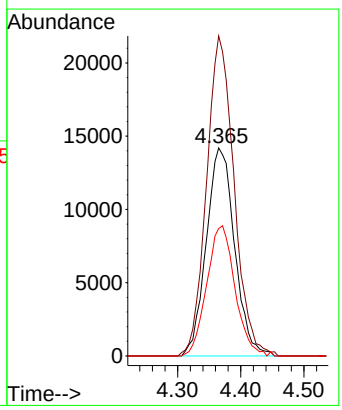
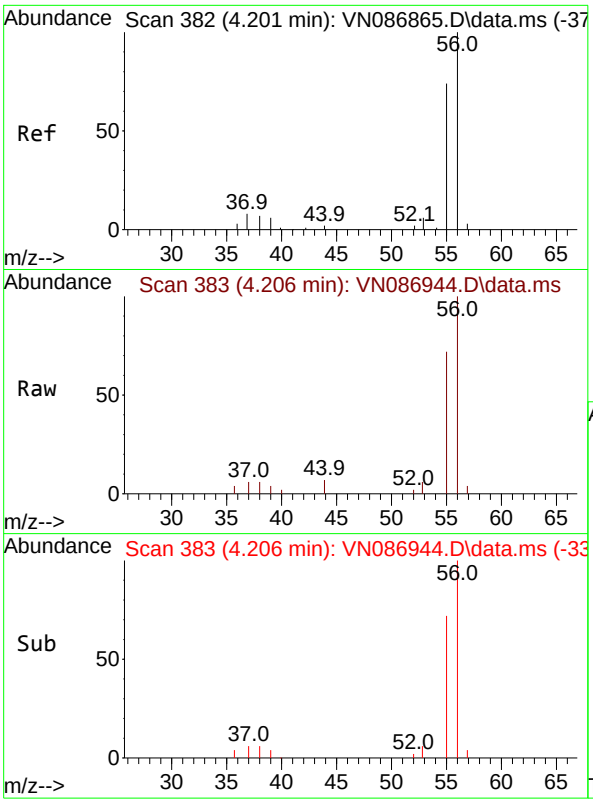


#12
1,1-Dichloroethene
Concen: 19.233 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 96 Resp: 44269

Ion	Ratio	Lower	Upper
96	100		
61	153.8	125.8	188.6
98	61.2	52.5	78.7





#13
Acrolein
Concen: 93.730 ug/l
RT: 4.206 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 56 Resp: 2229

Ion	Ratio	Lower	Upper
56	100		
55	70.9	55.6	83.4

Instrument :
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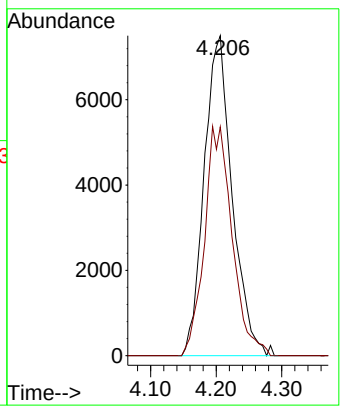
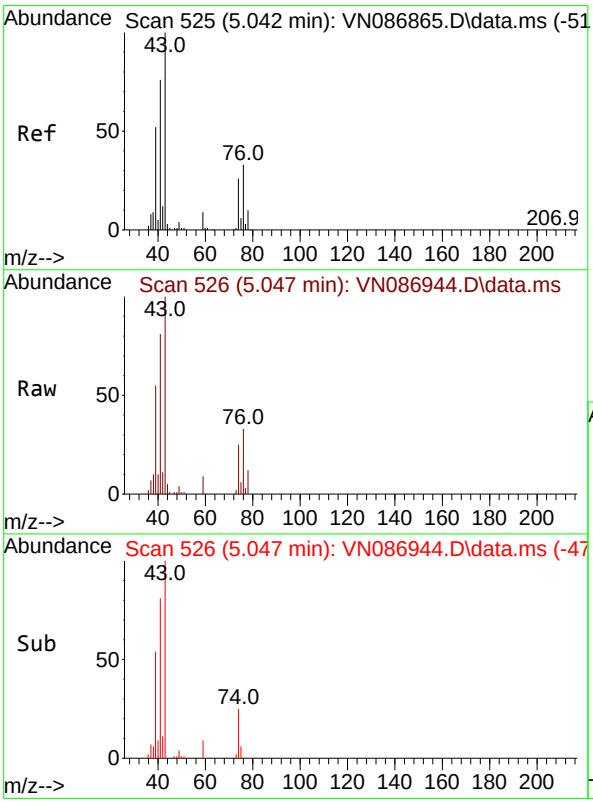
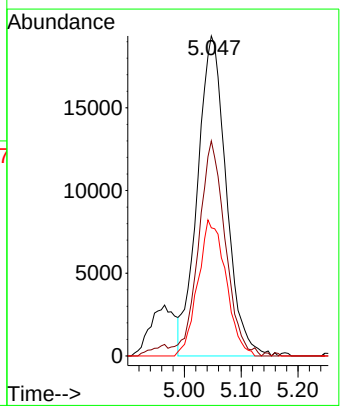


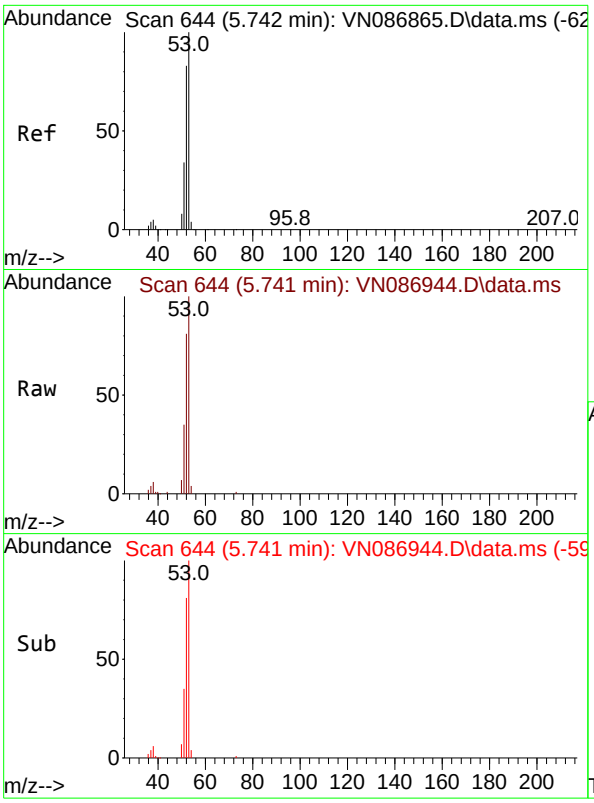


#14
Allyl chloride
Concen: 17.821 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 41 Resp: 68027

Ion	Ratio	Lower	Upper
41	100		
39	62.5	51.3	76.9
76	41.4	31.4	47.0





#15
Acrylonitrile
Concen: 95.084 ug/l
RT: 5.741 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 53 Resp: 16697

Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.0	97.6
51	34.5	27.2	40.8

Instrument :
MSVOA_N
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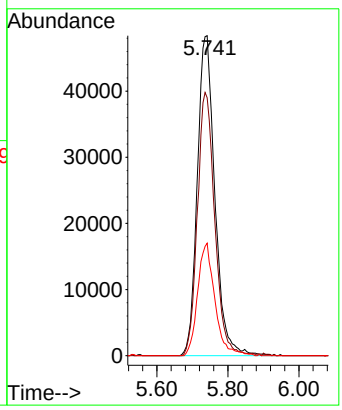
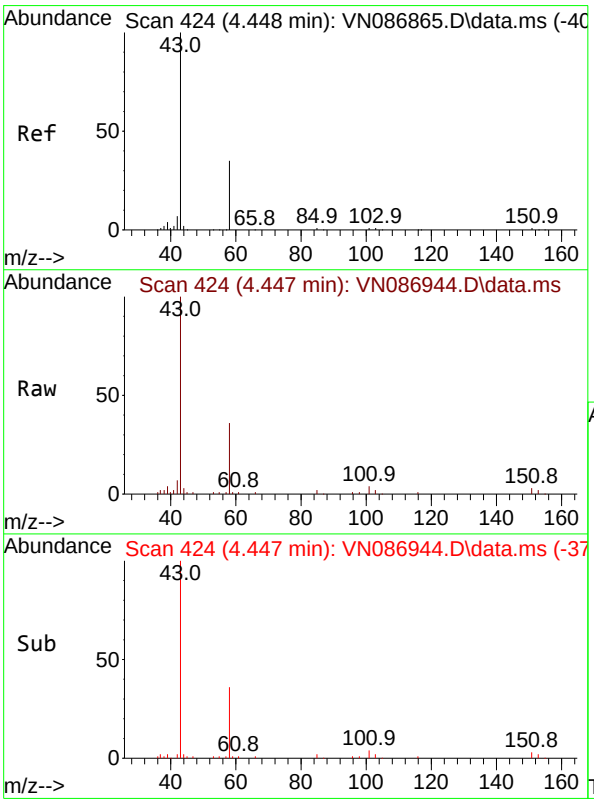
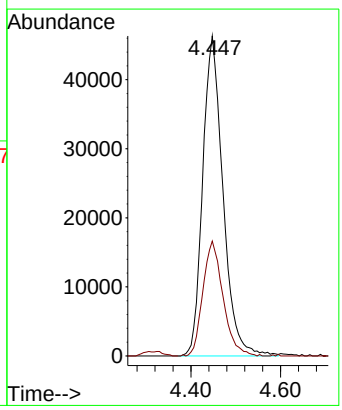


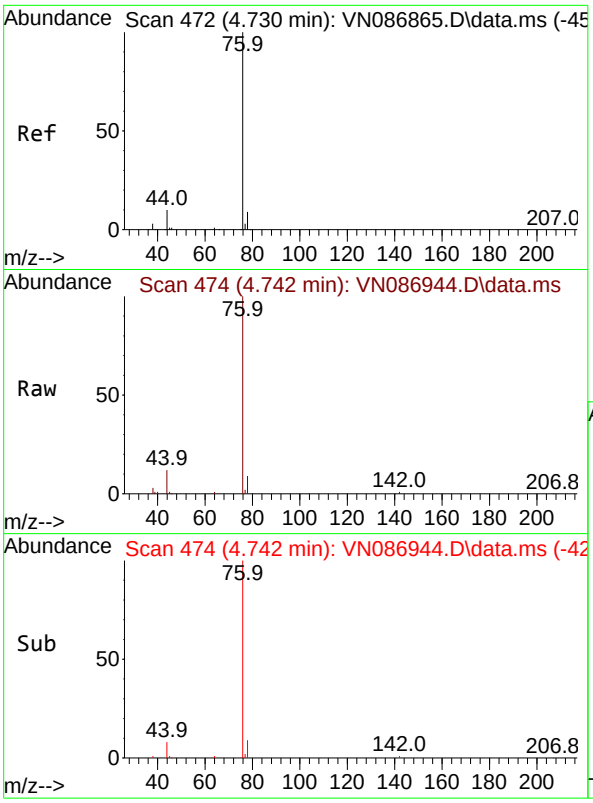


#16
Acetone
Concen: 98.972 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 145322

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.0	42.0

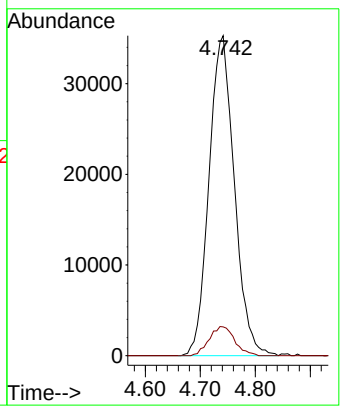




#17
Carbon Disulfide
Concen: 17.769 ug/l
RT: 4.742 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 76 Resp: 11313

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9



Instrument :
MSVOA_N
ClientSampleId :
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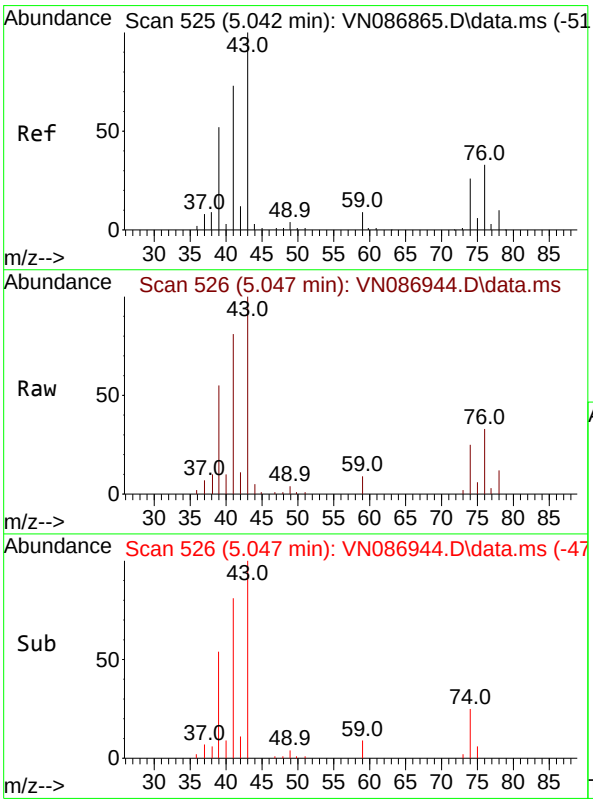
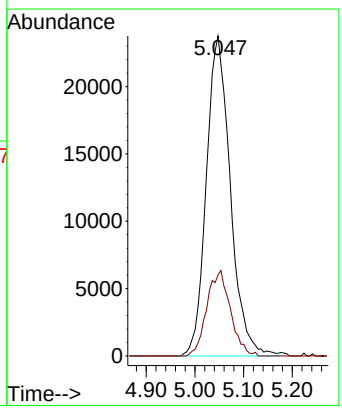
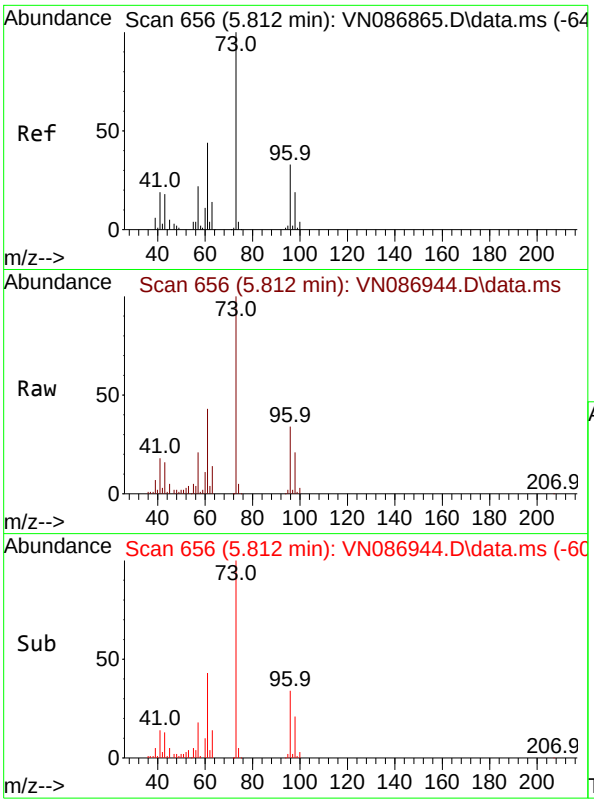


#18
Methyl Acetate
Concen: 19.013 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 81357

Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.7	31.1

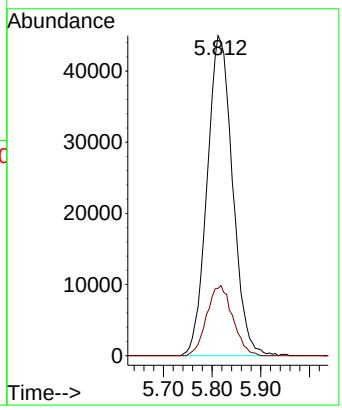




#19
Methyl tert-butyl Ether
Concen: 19.599 ug/l
RT: 5.812 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 73 Resp: 16333

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2



Instrument :
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ClientSampleId :
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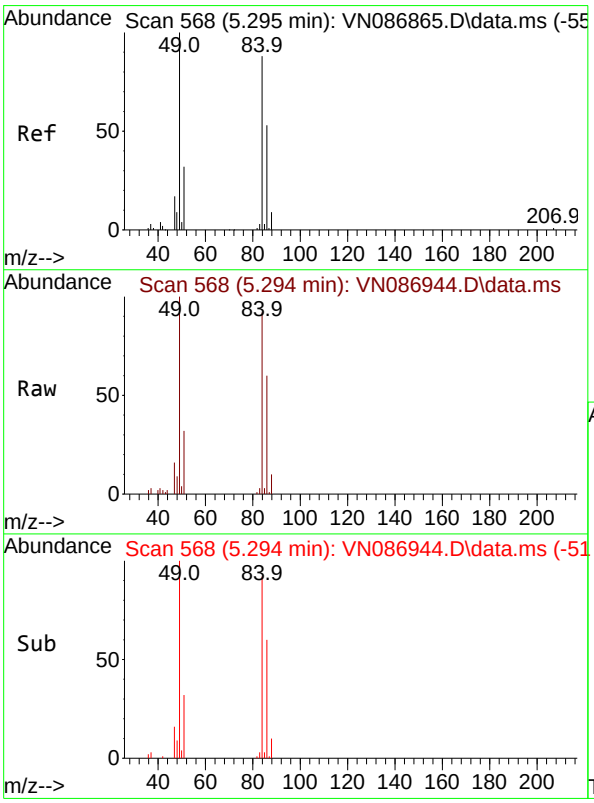
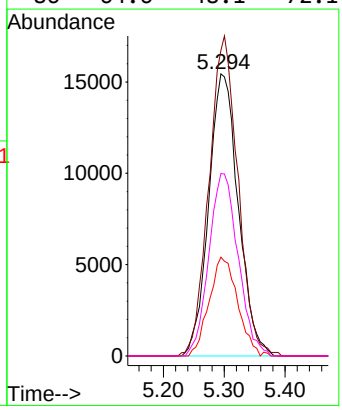
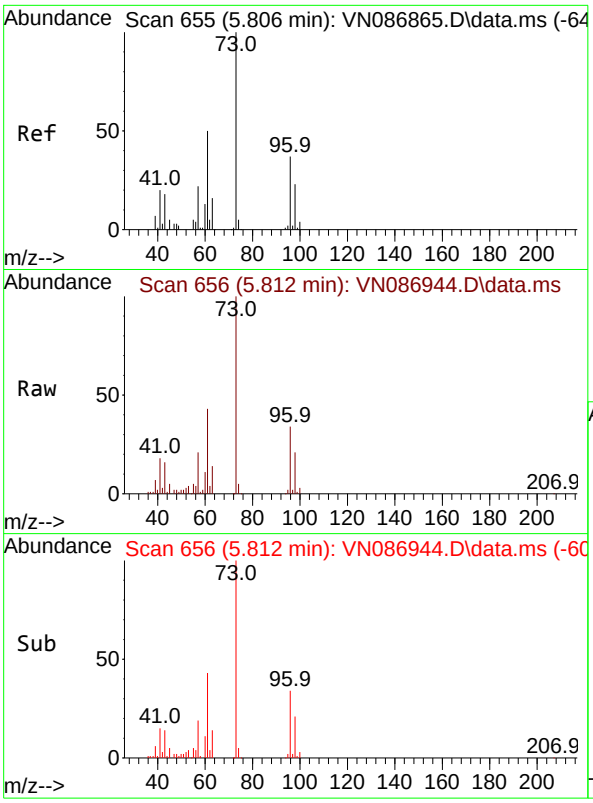


#20
Methylene Chloride
Concen: 18.988 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 84 Resp: 52196

Ion	Ratio	Lower	Upper
84	100		
49	108.4	90.5	135.7
51	35.0	28.5	42.7
86	64.6	48.1	72.1

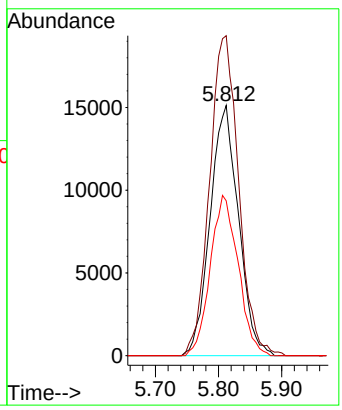




#21
trans-1,2-Dichloroethene
Concen: 18.464 ug/l
RT: 5.812 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 96 Resp: 4728

Ion	Ratio	Lower	Upper
96	100		
61	127.9	109.2	163.8
98	61.9	49.8	74.8



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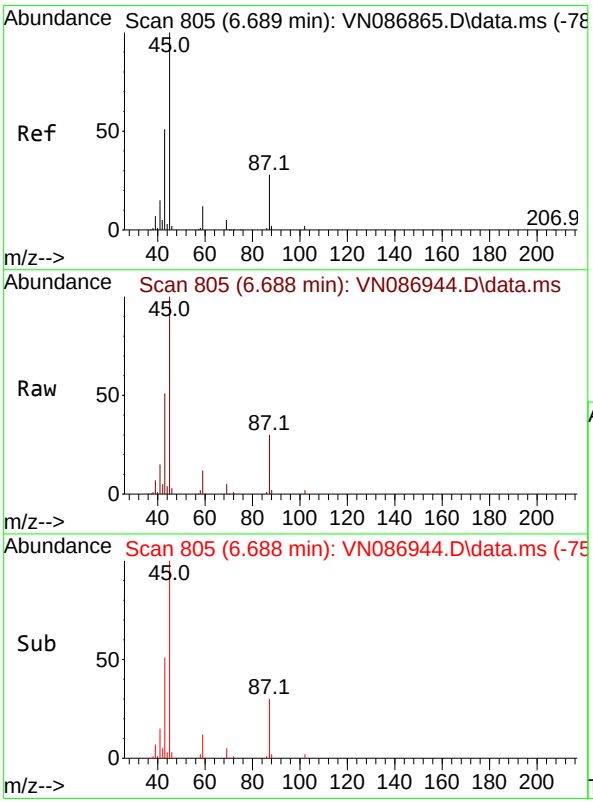
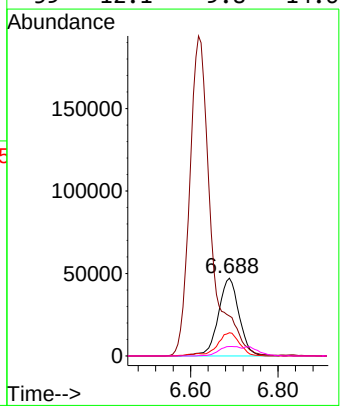
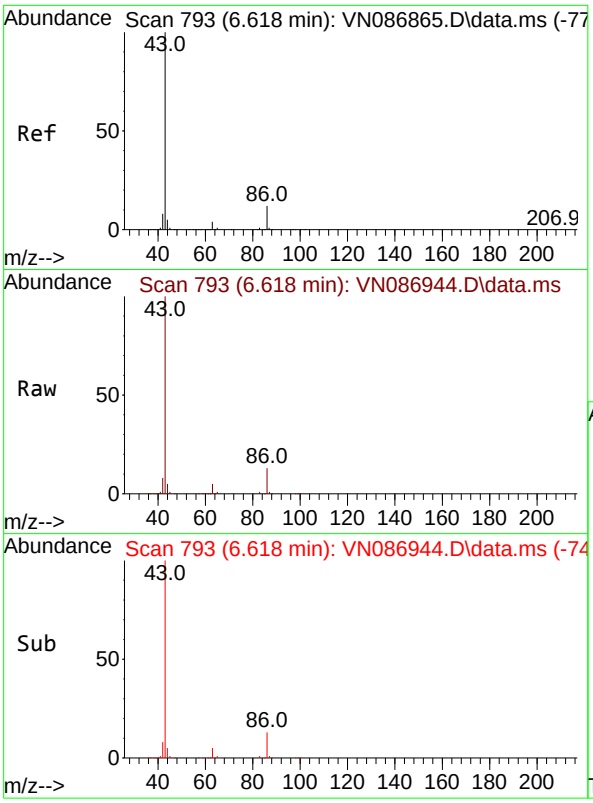


#22
Diisopropyl ether
Concen: 19.326 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 45 Resp: 155508

Ion	Ratio	Lower	Upper
45	100		
43	50.5	41.9	62.9
87	29.8	22.4	33.6
59	12.1	9.8	14.6





#23
Vinyl Acetate
Concen: 96.092 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 65327

Ion	Ratio	Lower	Upper
43	100		
86	12.6	9.5	14.3

Instrument :
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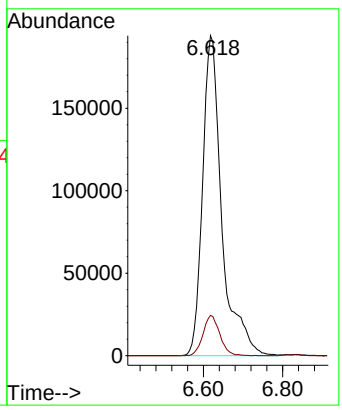
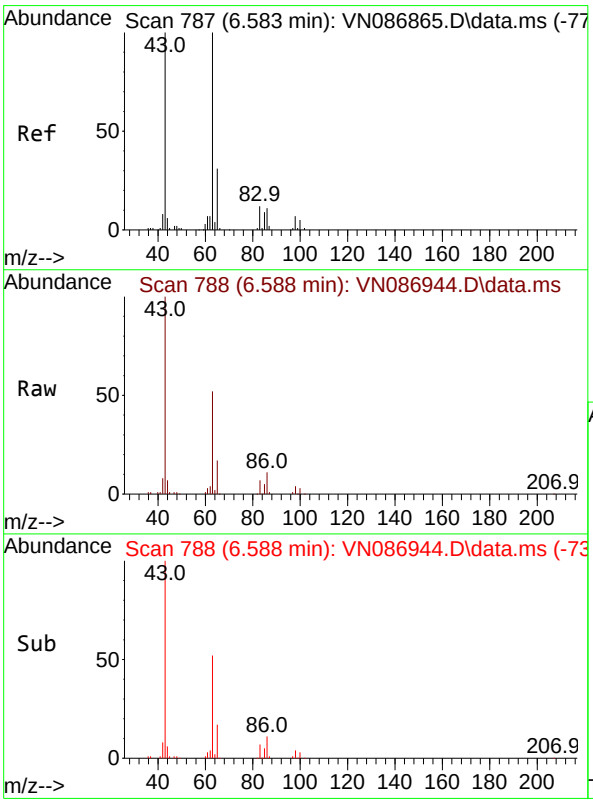
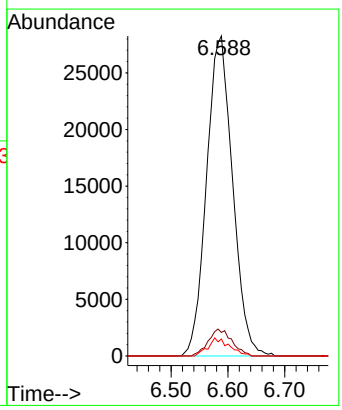


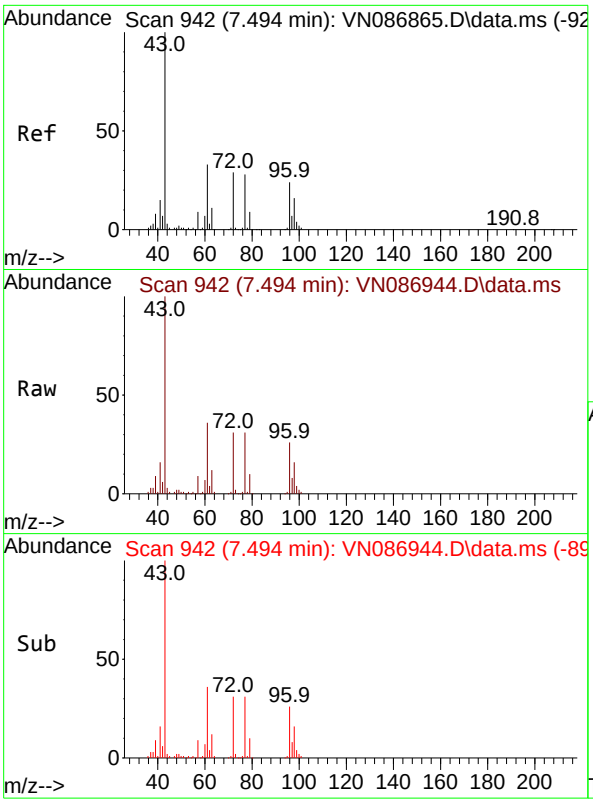


#24
1,1-Dichloroethane
Concen: 19.421 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 63 Resp: 89930

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	5.3	2.6	7.8

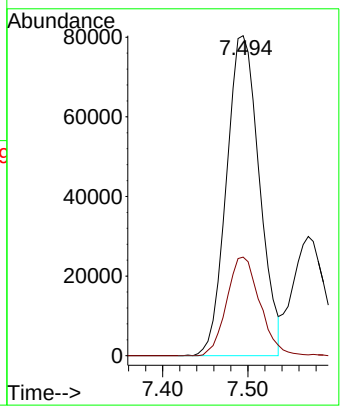




#25
2-Butanone
Concen: 90.401 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 21576

Ion	Ratio	Lower	Upper
43	100		
72	30.8	23.0	34.6



Instrument :
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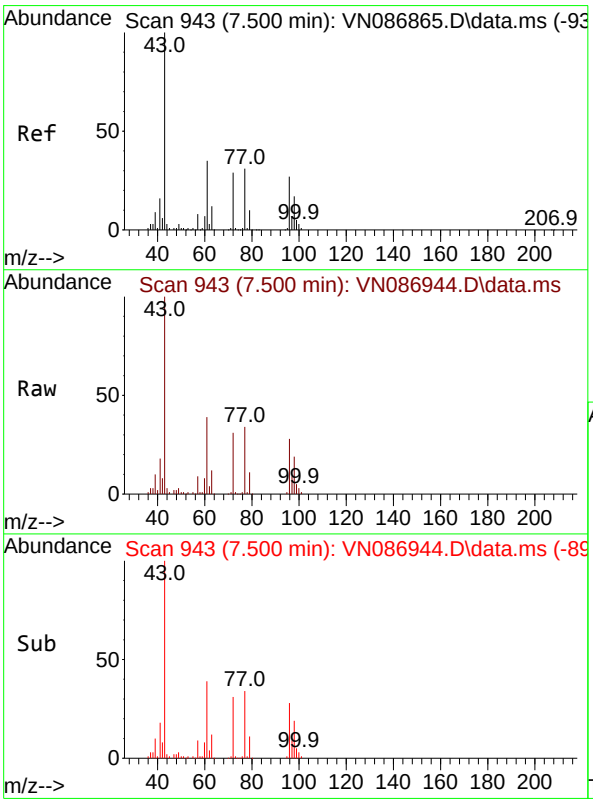
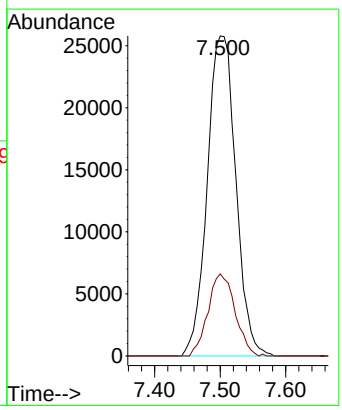
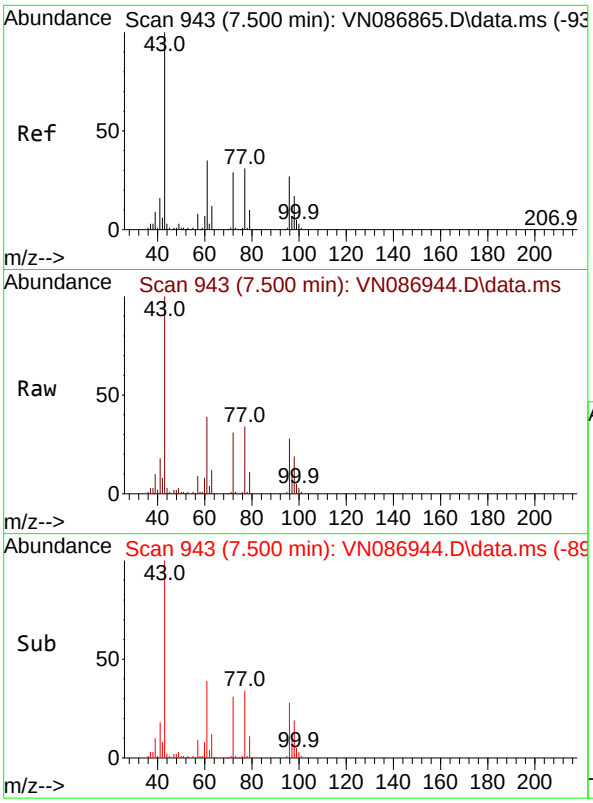


#26
2,2-Dichloropropane
Concen: 21.663 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 77 Resp: 78031

Ion	Ratio	Lower	Upper
77	100		
97	24.3	11.6	34.7

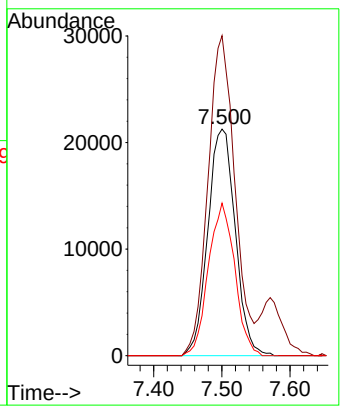




#27
cis-1,2-Dichloroethene
Concen: 19.453 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 96 Resp: 5957

Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	278.0
98	64.6	0.0	128.2



Instrument :
MSVOA_N
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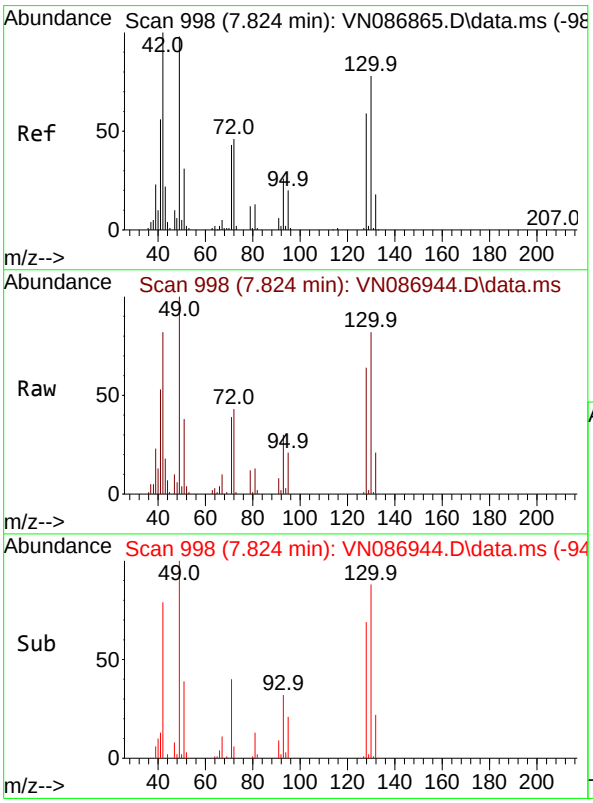
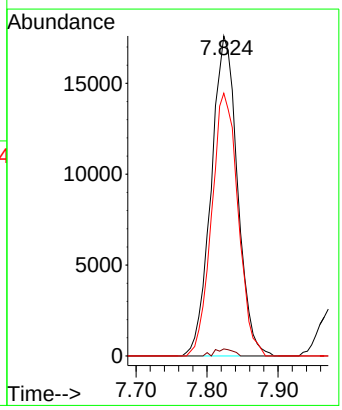
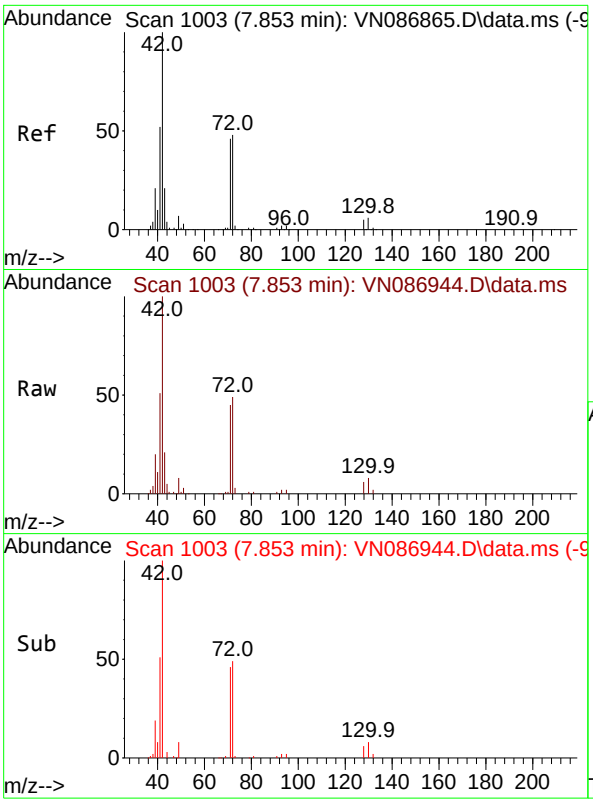


#28
Bromochloromethane
Concen: 19.909 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 49 Resp: 45329

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	82.2	62.2	93.2

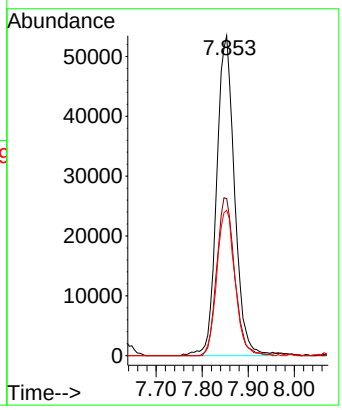




#29
Tetrahydrofuran
Concen: 92.532 ug/l
RT: 7.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 42 Resp: 14386

Ion	Ratio	Lower	Upper
42	100		
72	49.4	37.8	56.6
71	46.2	35.6	53.4



Instrument :
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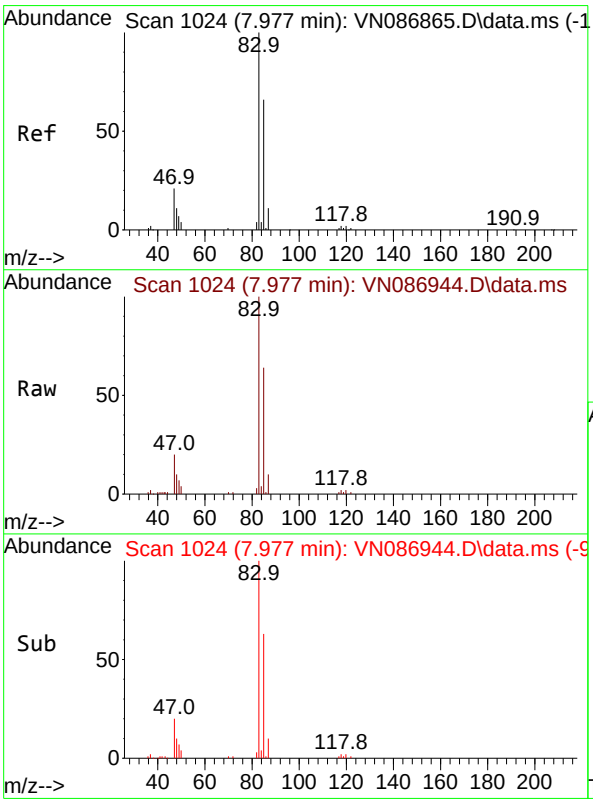
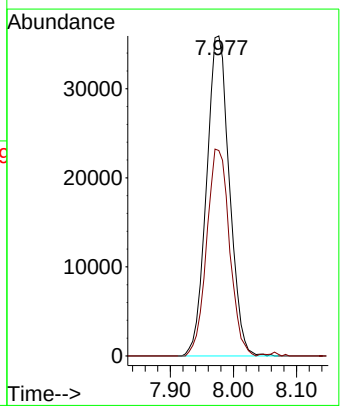
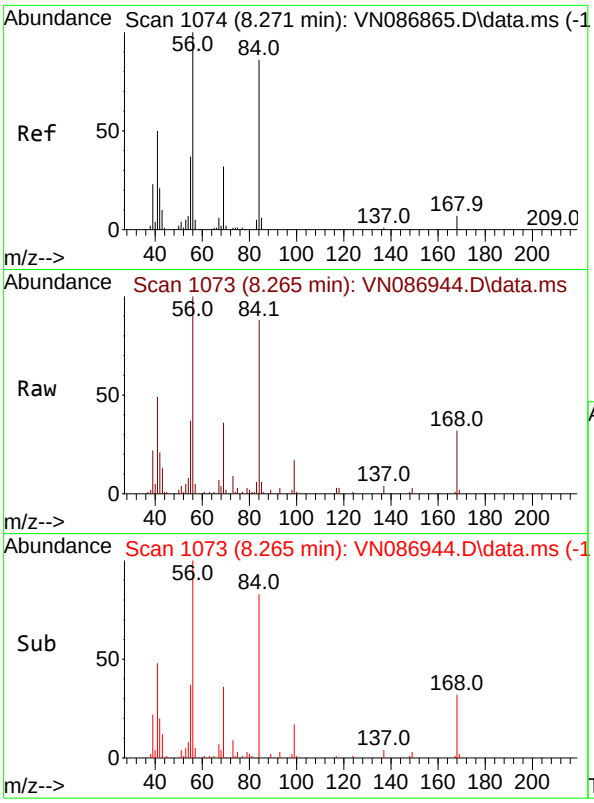


#30
Chloroform
Concen: 19.521 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 83 Resp: 90272

Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.9	79.3

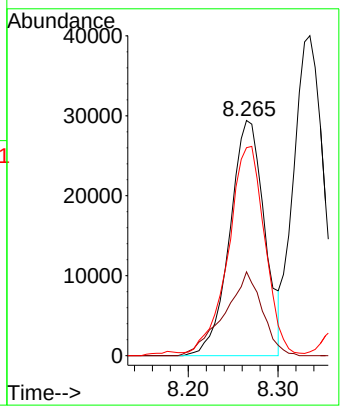




#31
Cyclohexane
Concen: 17.603 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 56 Resp: 7905

Ion	Ratio	Lower	Upper
56	100		
69	35.7	25.4	38.0
84	87.1	68.8	103.2



Instrument :
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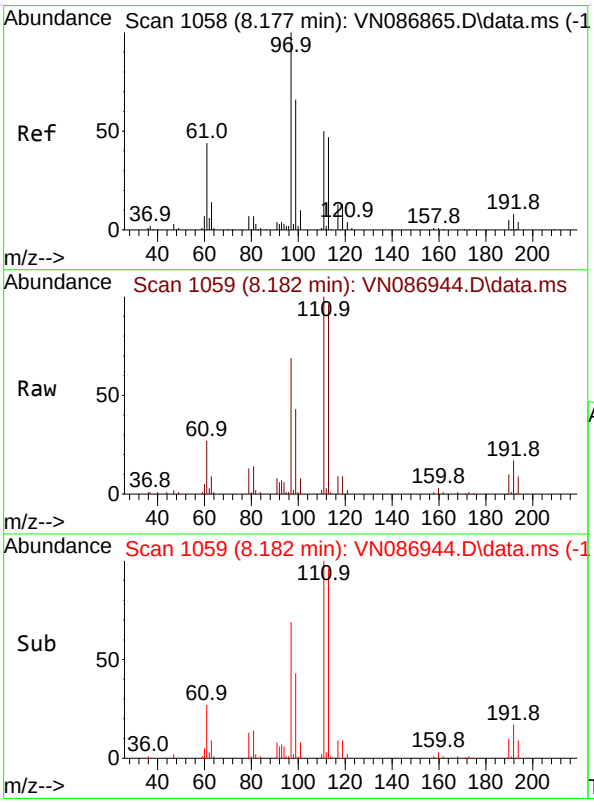
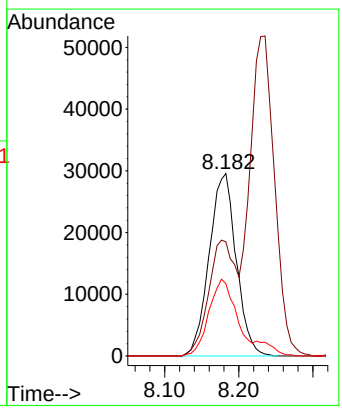
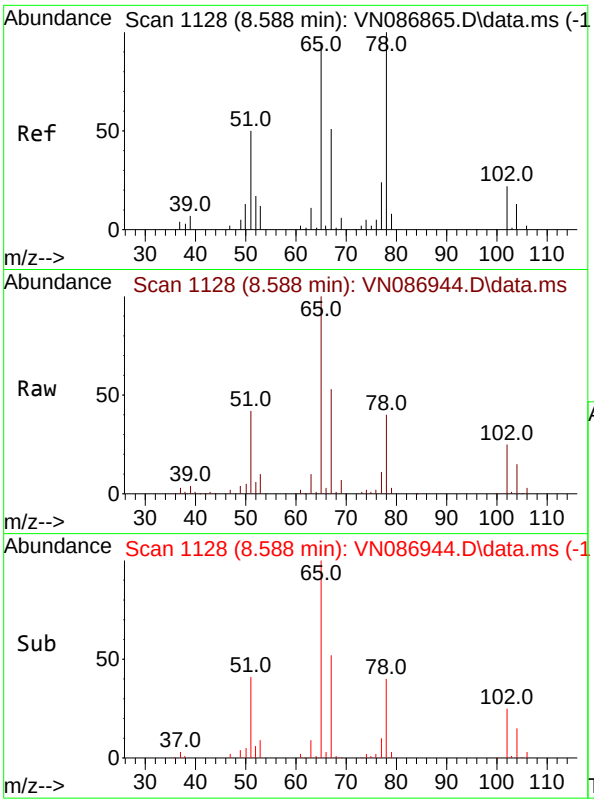


#32
1,1,1-Trichloroethane
Concen: 19.033 ug/l
RT: 8.182 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 97 Resp: 74861

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	47.9	35.9	53.9

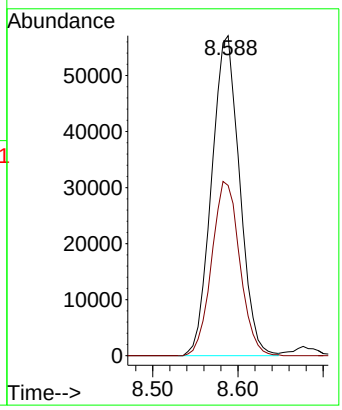




#33
1,2-Dichloroethane-d4
Concen: 47.075 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 65 Resp: 13034

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	105.6



Instrument :
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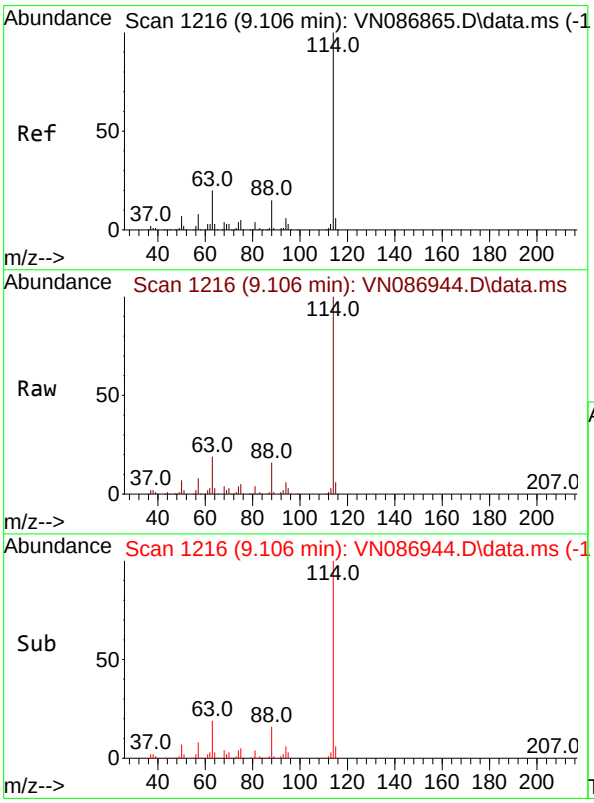
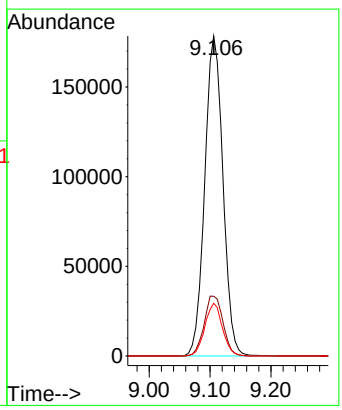
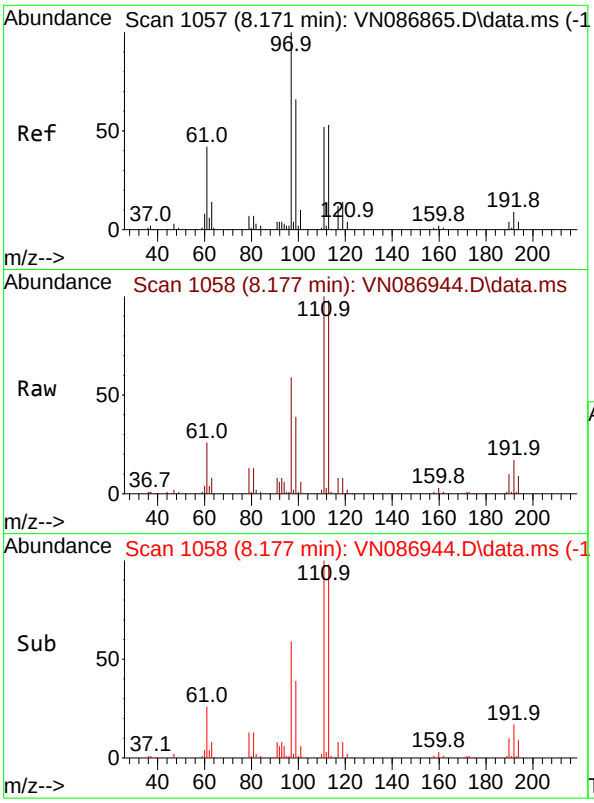


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:114 Resp: 370524

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.6
88	16.4	0.0	30.2

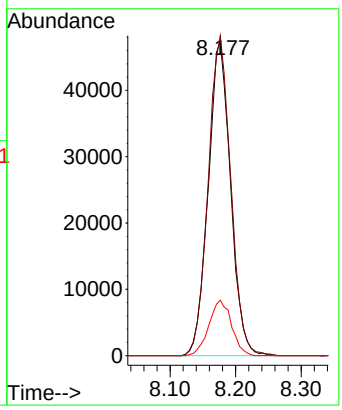




#35
Dibromofluoromethane
Concen: 51.096 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:113 Resp: 11219

Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.2	126.2
192	17.9	14.2	21.4



Instrument :
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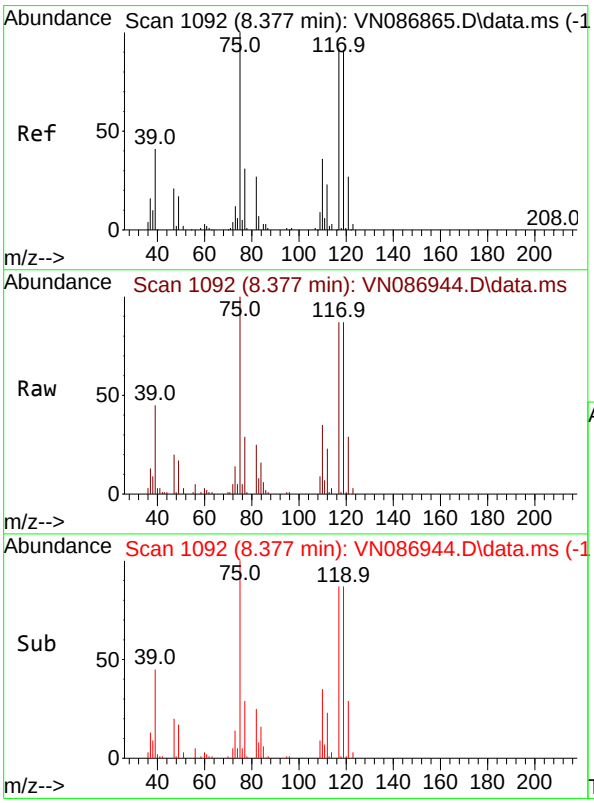
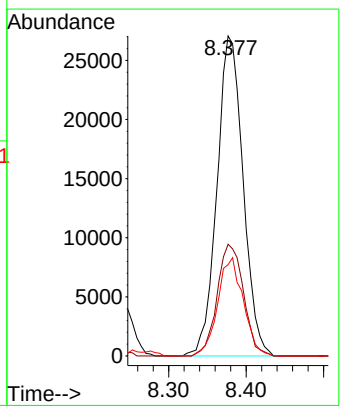
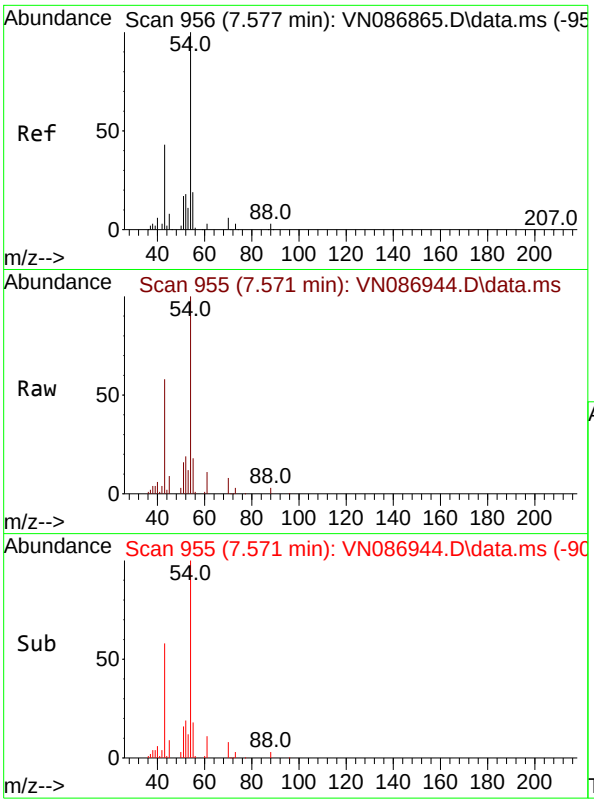


#36
1,1-Dichloropropene
Concen: 19.431 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 63577

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.6	52.9
77	30.1	25.3	37.9

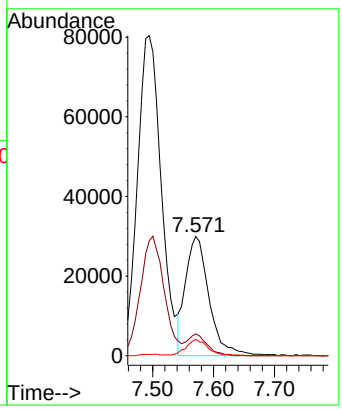




#37
Ethyl Acetate
Concen: 19.306 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 8041

Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.1	18.1
70	12.3	9.8	14.6



Instrument :
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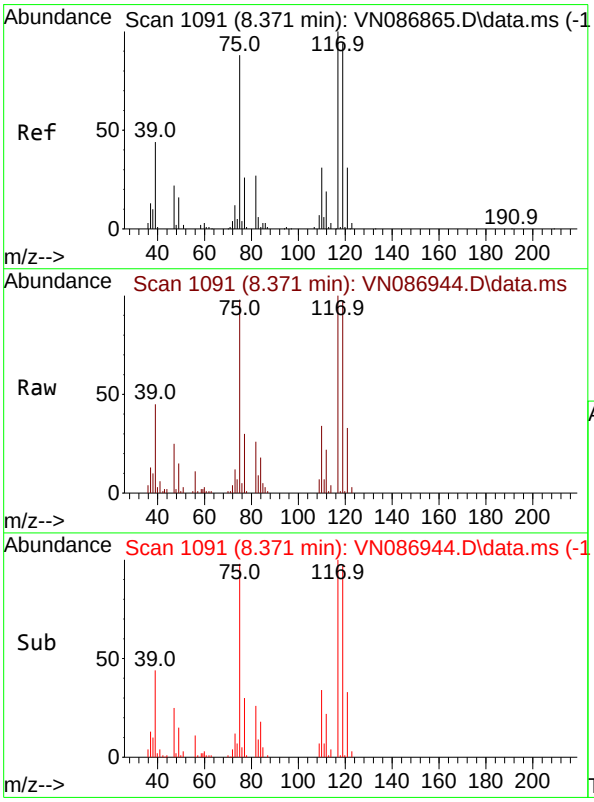
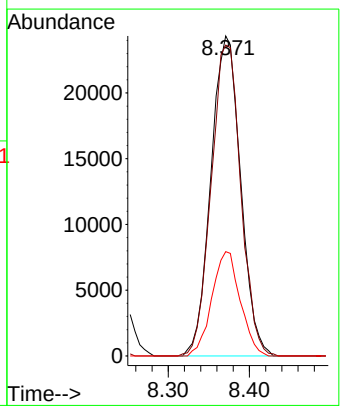
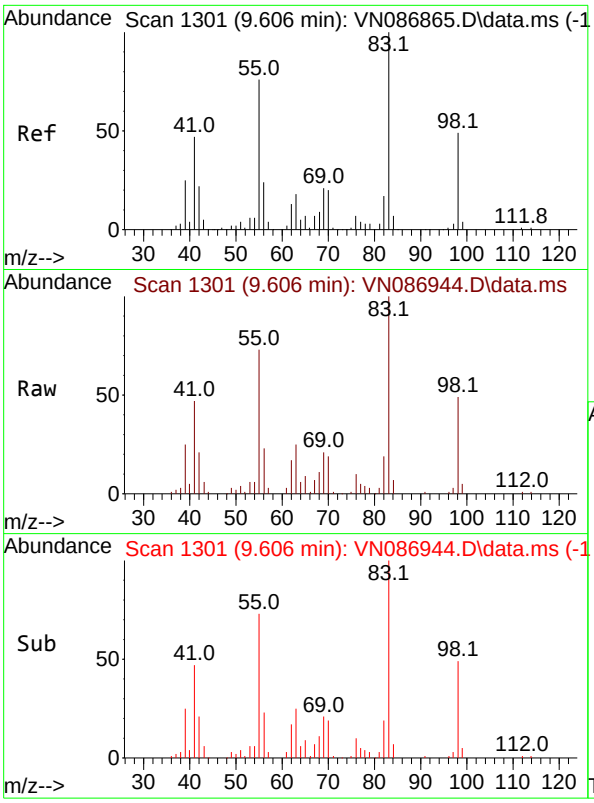


#38
Carbon Tetrachloride
Concen: 19.222 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:117 Resp: 61747

Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.0	112.6
121	32.6	24.9	37.3

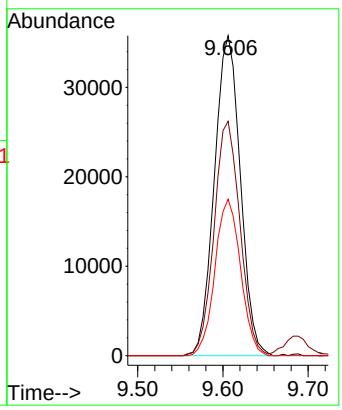




#39
Methylcyclohexane
Concen: 16.947 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 83 Resp: 7597

Ion	Ratio	Lower	Upper
83	100		
55	73.2	61.0	91.6
98	48.9	38.9	58.3



Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

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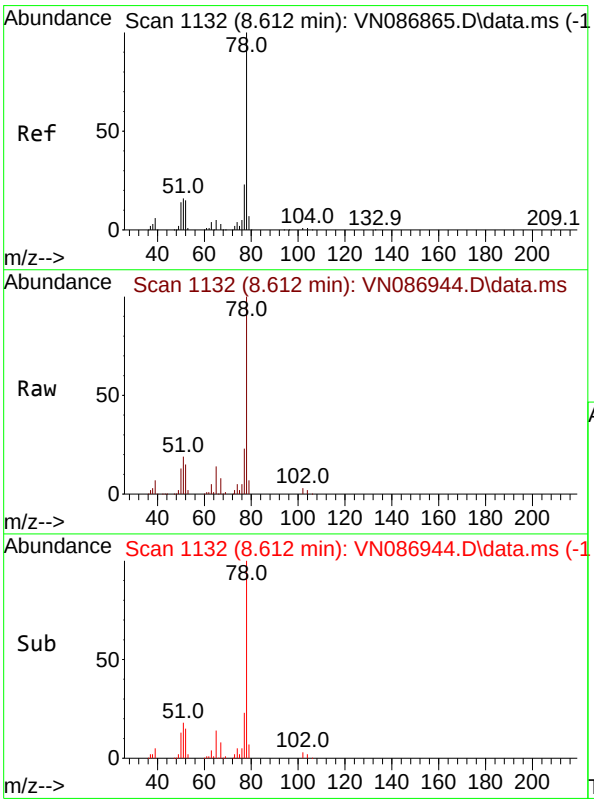
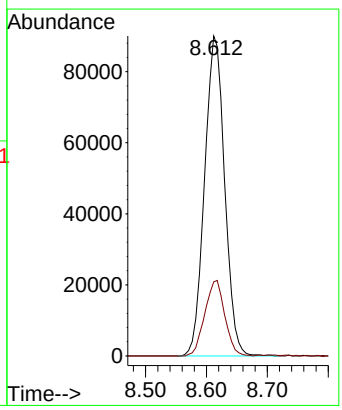
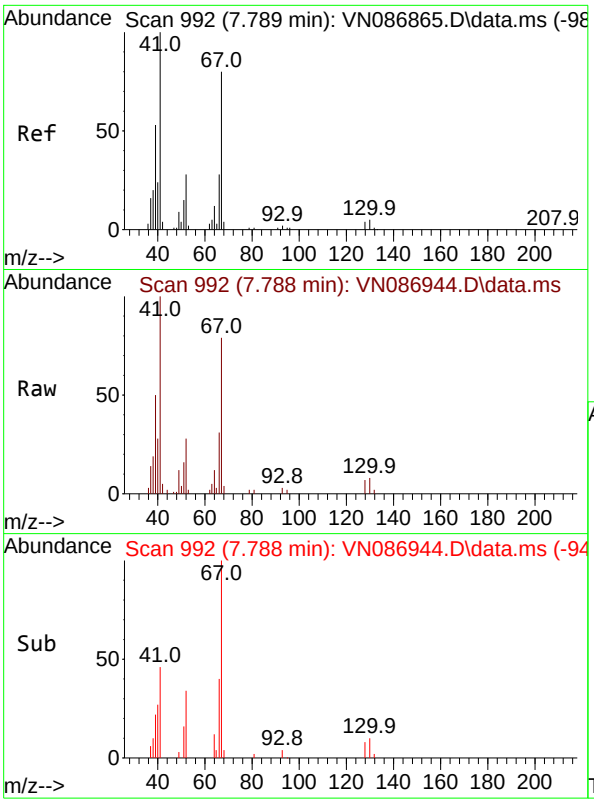


#40
Benzene
Concen: 19.277 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 78 Resp: 206255

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1

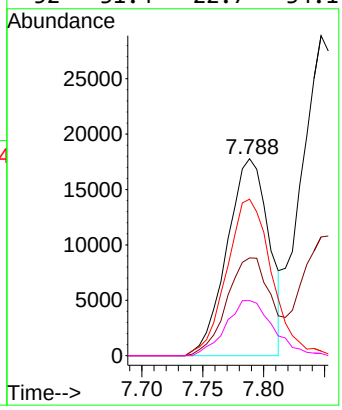




#41
Methacrylonitrile
Concen: 18.218 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 41 Resp: 4261

Ion	Ratio	Lower	Upper
41	100		
39	53.5	41.2	61.8
67	85.5	61.4	92.2
52	31.4	22.7	34.1



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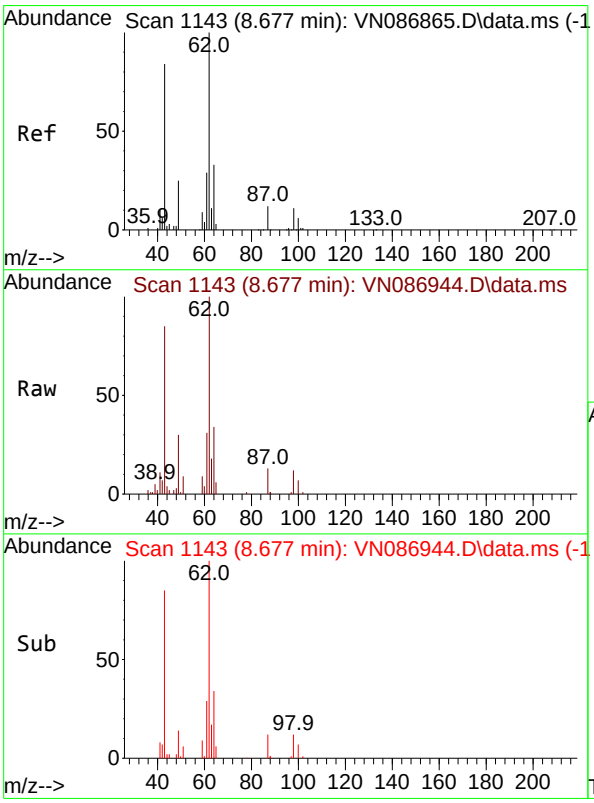
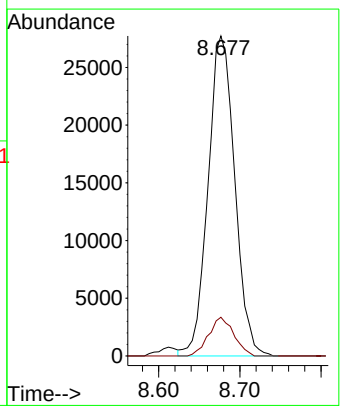
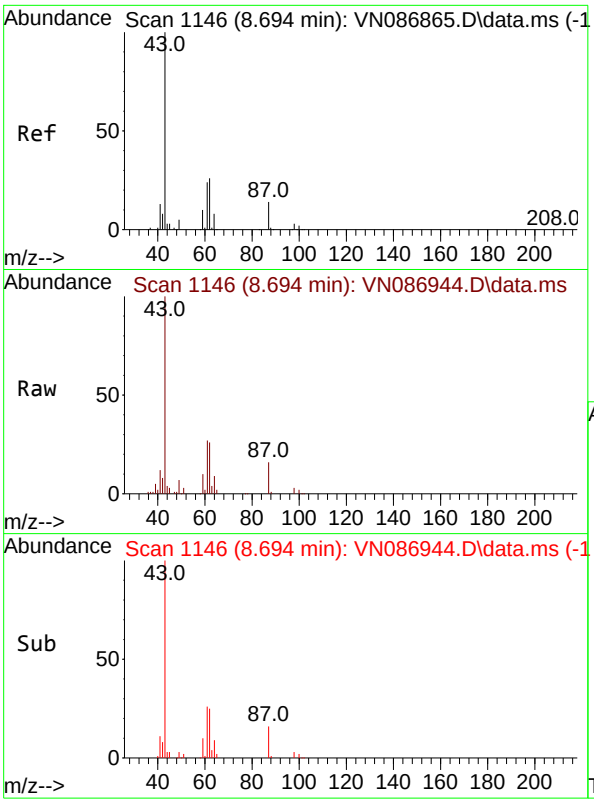


#42
1,2-Dichloroethane
Concen: 19.530 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 62 Resp: 63379

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.2





#43
Isopropyl Acetate
Concen: 18.984 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 12691

Ion	Ratio	Lower	Upper
43	100		
61	28.5	22.1	33.1
87	15.6	11.8	17.6

Instrument :
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ClientSampleId :
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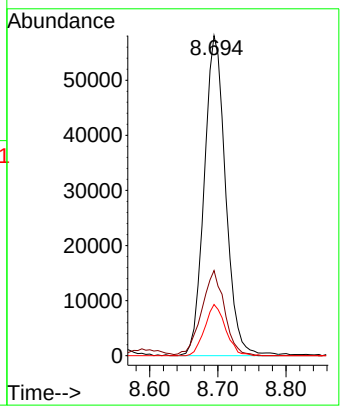
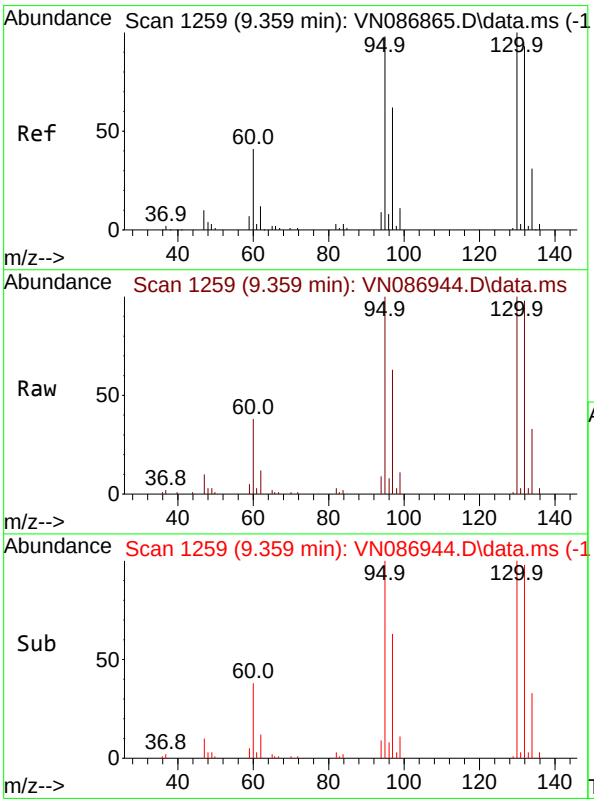
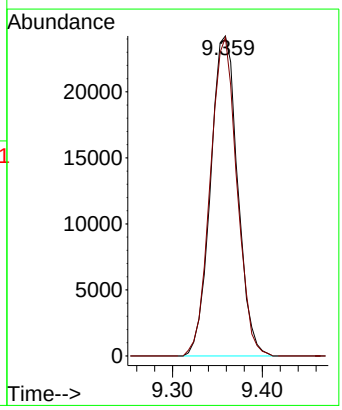


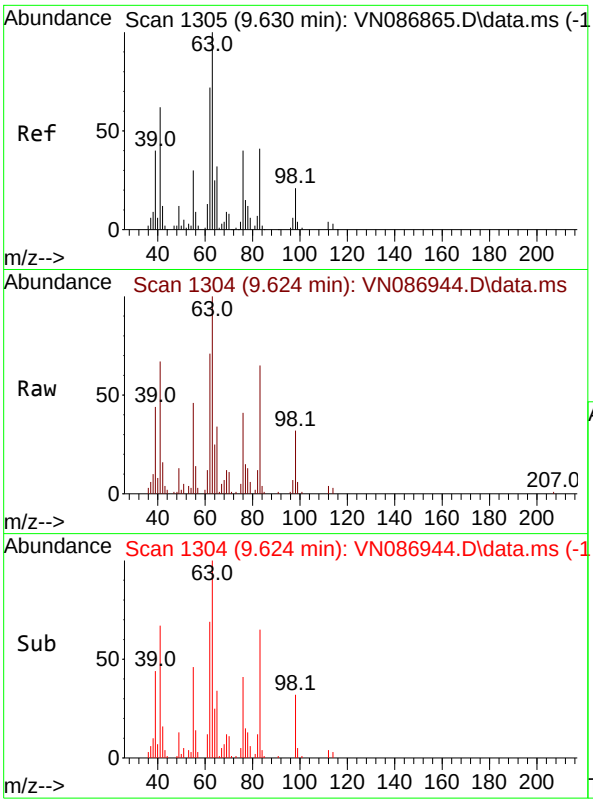


#44
Trichloroethene
Concen: 19.942 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:130 Resp: 50593

Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	196.2

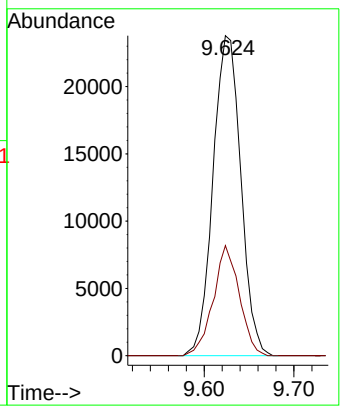




#45
1,2-Dichloropropane
Concen: 19.628 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 63 Resp: 5109

Ion	Ratio	Lower	Upper
63	100		
65	34.4	25.5	38.3



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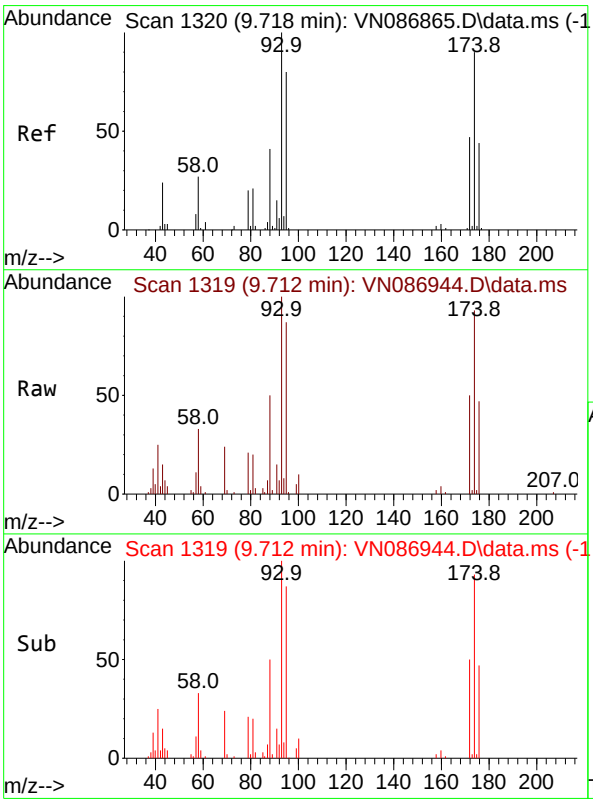
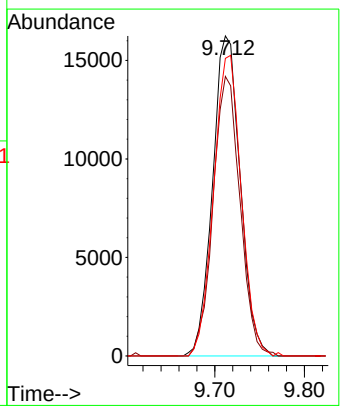
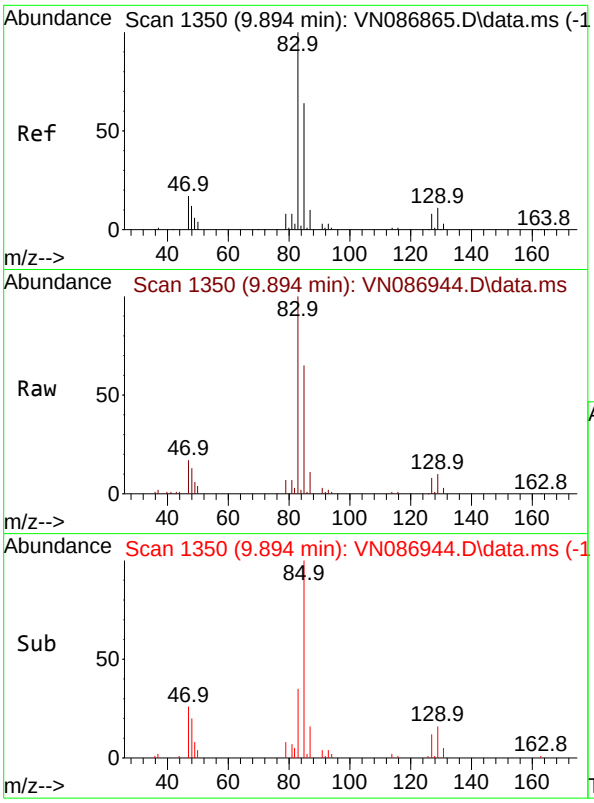


#46
Dibromomethane
Concen: 20.093 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 93 Resp: 34741

Ion	Ratio	Lower	Upper
93	100		
95	85.1	67.1	100.7
174	94.0	74.2	111.4

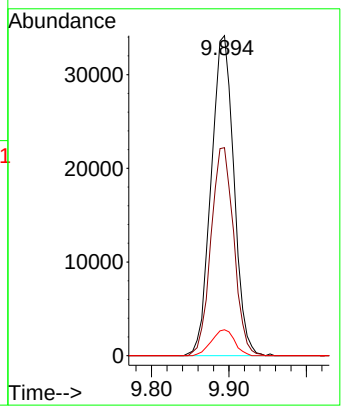




#47
Bromodichloromethane
Concen: 19.634 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 83 Resp: 6984

Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.9	76.3
127	8.1	6.6	10.0



Instrument :
MSVOA_N
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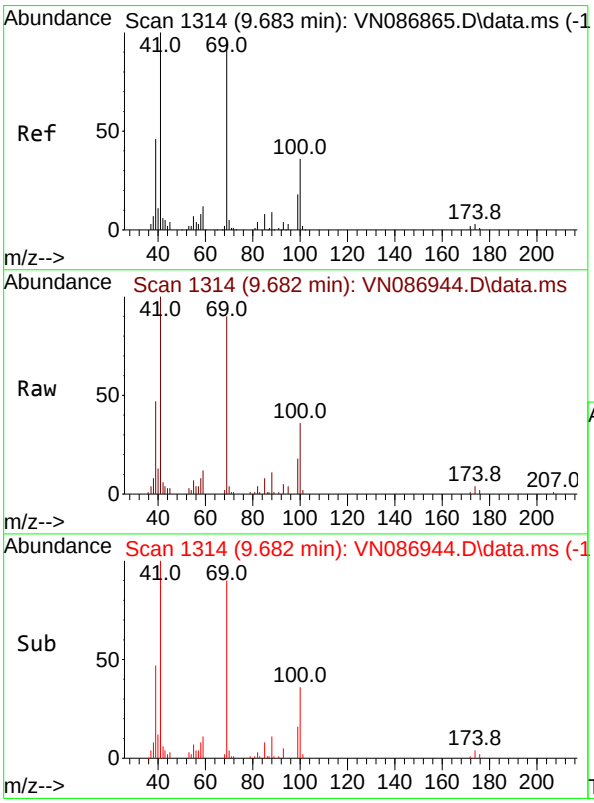
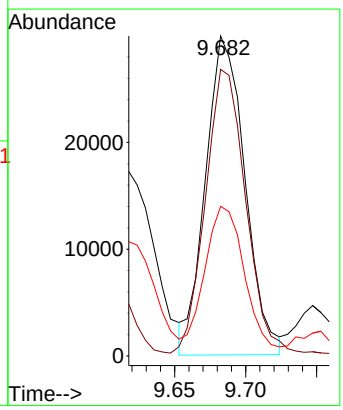
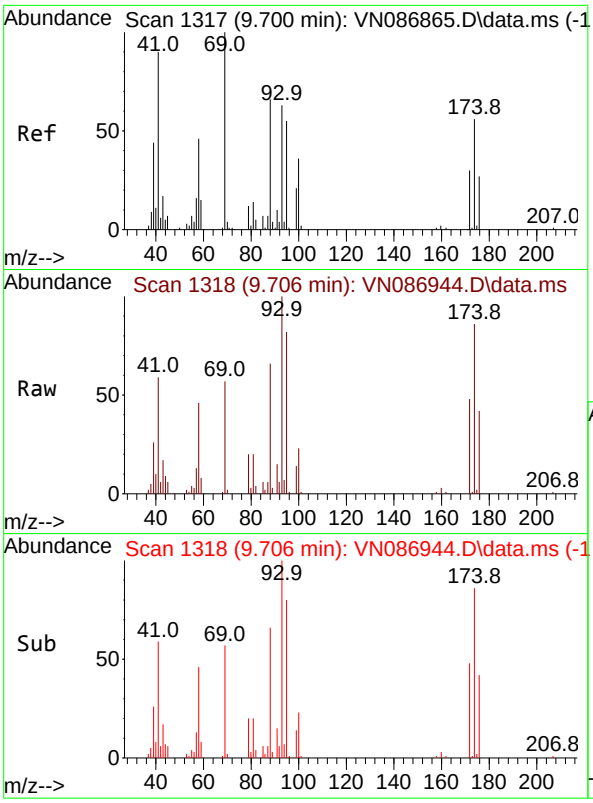


#48
Methyl methacrylate
Concen: 18.771 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 41 Resp: 57757

Ion	Ratio	Lower	Upper
41	100		
69	93.3	74.6	112.0
39	48.5	40.2	60.4

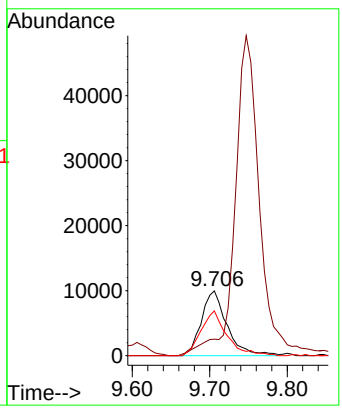




#49
1,4-Dioxane
Concen: 409.347 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 88 Resp: 2291

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	69.9	57.7	86.5



Instrument :
MSVOA_N
ClientSampleId :
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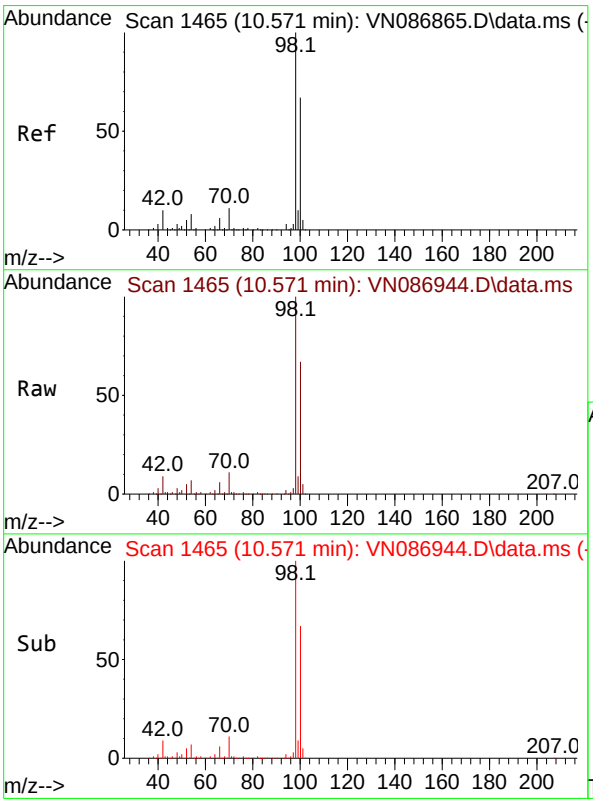
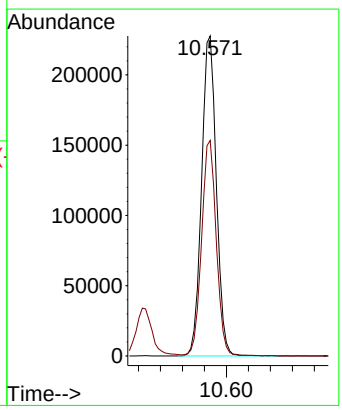
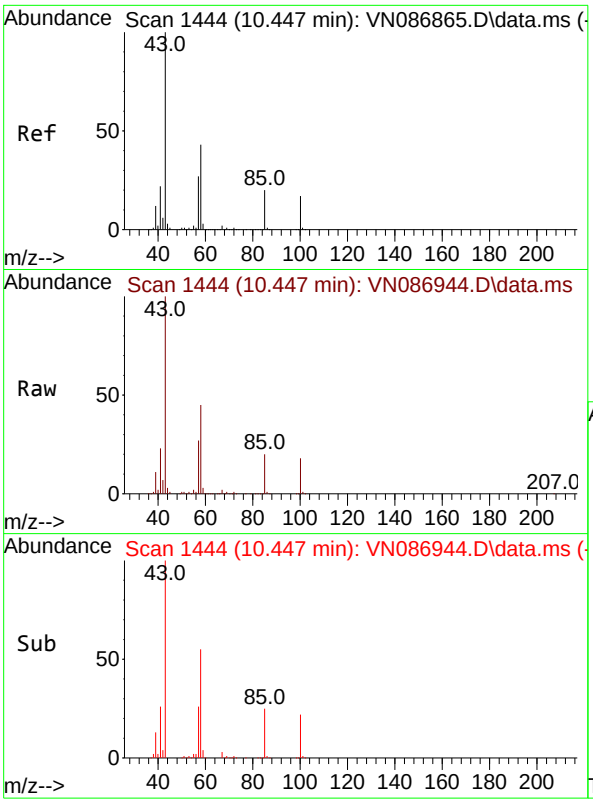


#50
Toluene-d8
Concen: 48.706 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 98 Resp: 423380

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.0

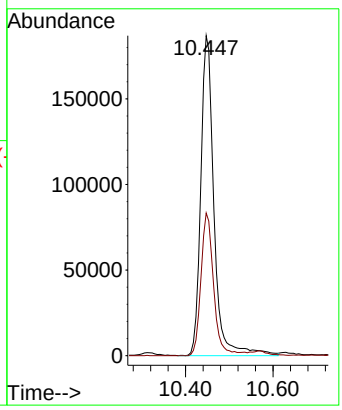




#51
4-Methyl-2-Pentanone
Concen: 97.997 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 39439

Ion	Ratio	Lower	Upper
43	100		
58	42.4	34.2	51.4



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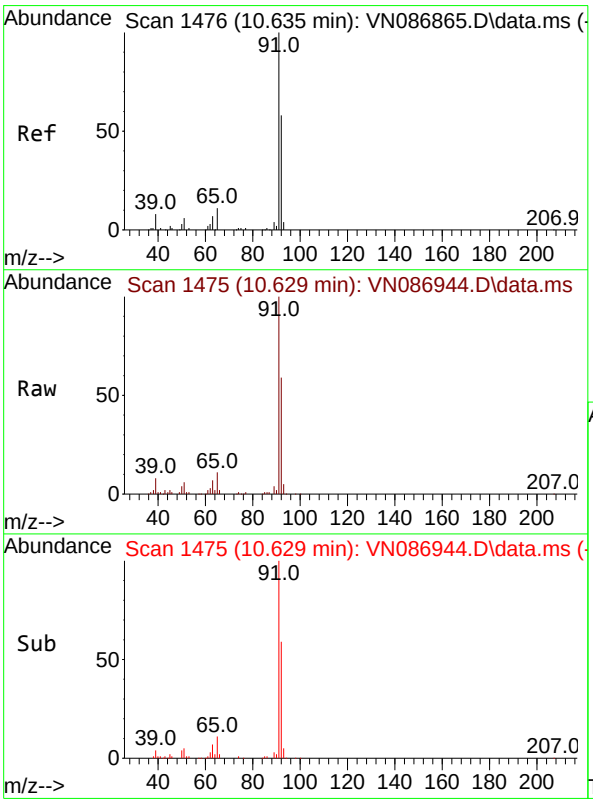
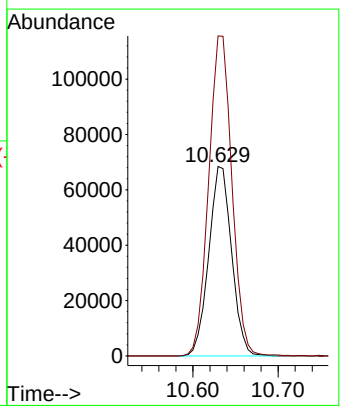
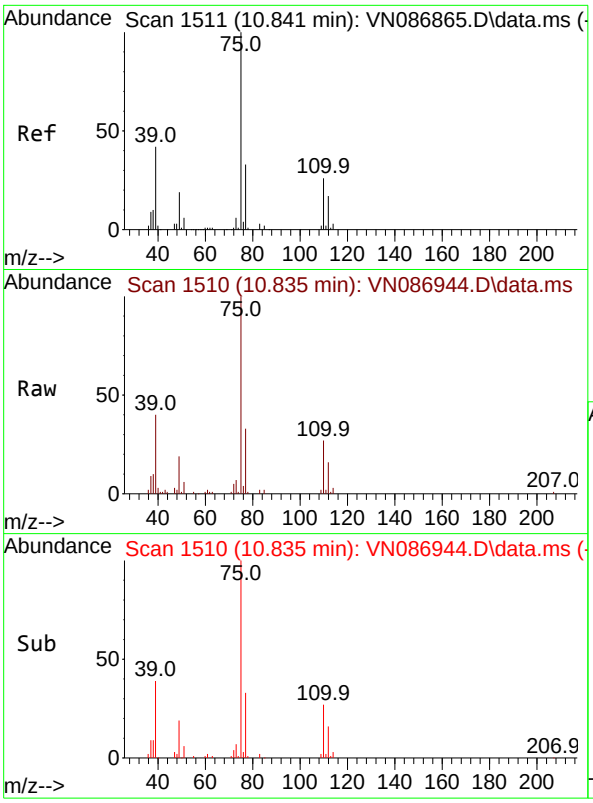


#52
Toluene
Concen: 19.509 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 92 Resp: 127563

Ion	Ratio	Lower	Upper
92	100		
91	171.7	136.5	204.7

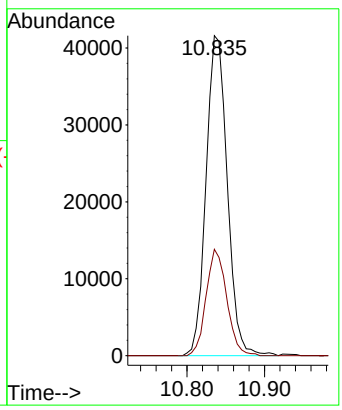




#53
t-1,3-Dichloropropene
Concen: 19.917 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 7922

Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.4	39.6



Instrument :
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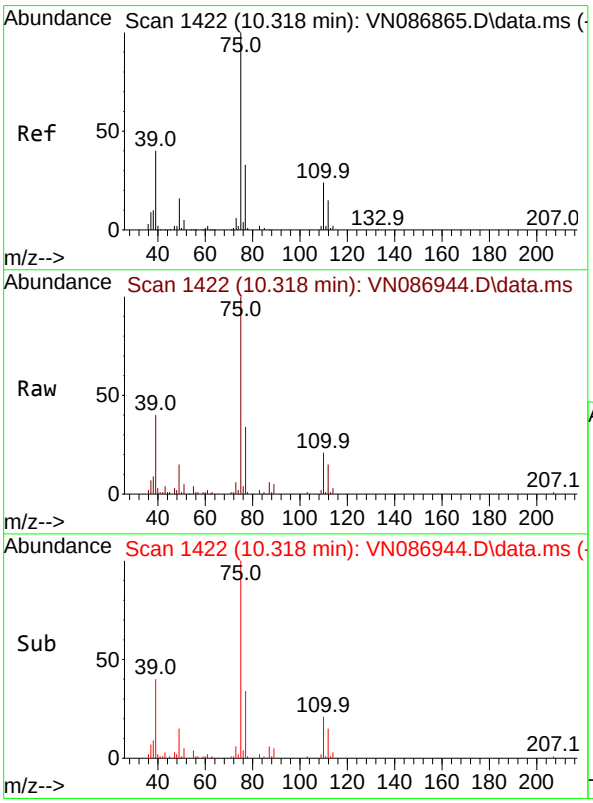
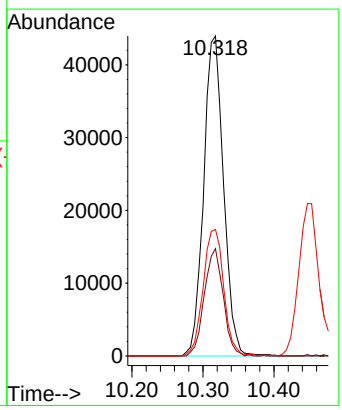
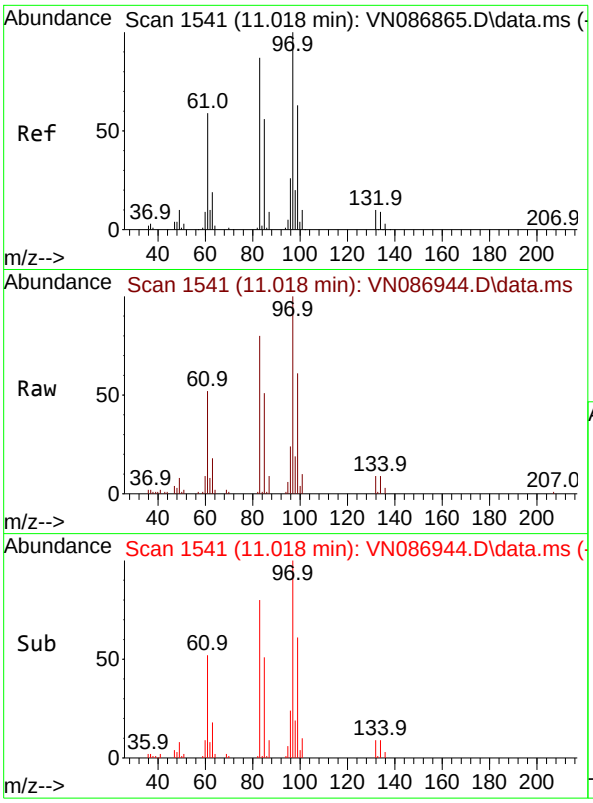


#54
cis-1,3-Dichloropropene
Concen: 20.109 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 85586

Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.2	39.4
39	39.5	32.3	48.5

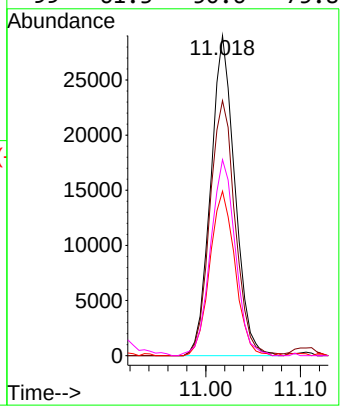




#55
1,1,2-Trichloroethane
Concen: 20.438 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 97 Resp: 5142

Ion	Ratio	Lower	Upper
97	100		
83	79.7	69.7	104.5
85	51.4	45.1	67.7
99	61.3	50.6	75.8



Instrument :
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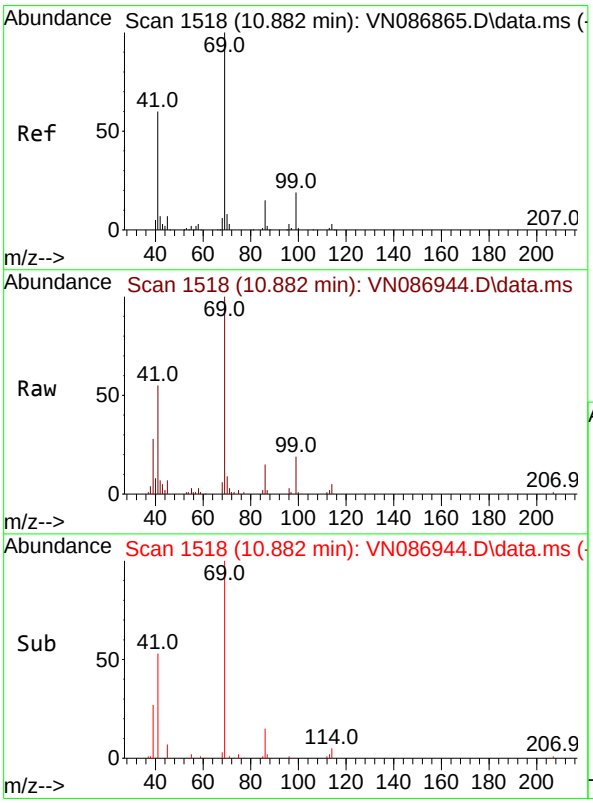
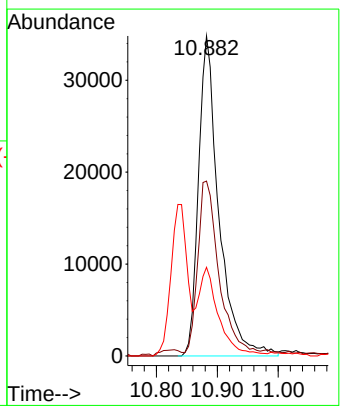
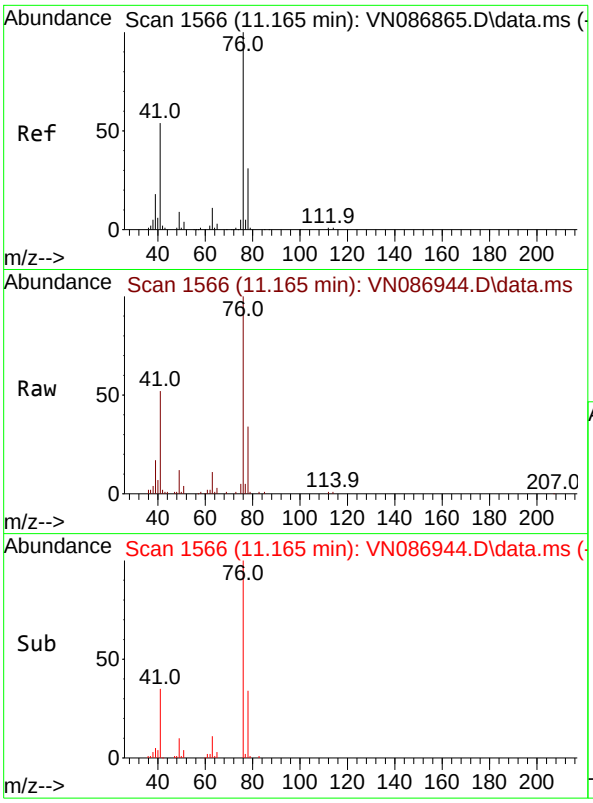


#56
Ethyl methacrylate
Concen: 20.198 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 69 Resp: 80942

Ion	Ratio	Lower	Upper
69	100		
41	55.5	47.2	70.8
39	24.3	23.0	34.6

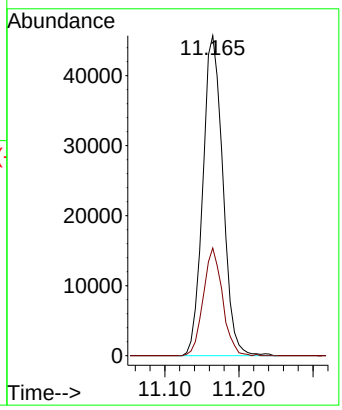




#57
1,3-Dichloropropane
Concen: 19.613 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 76 Resp: 8560

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.3	37.9



Instrument :
MSVOA_N
ClientSampleId :
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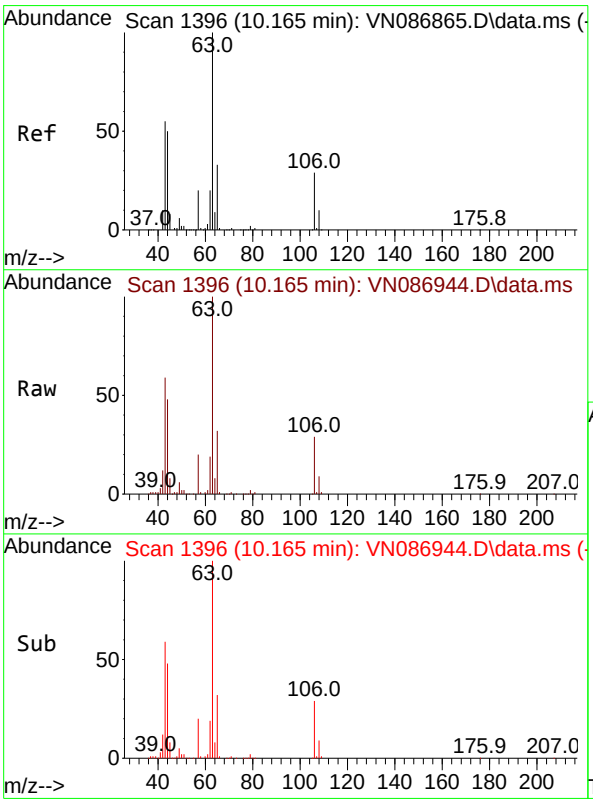
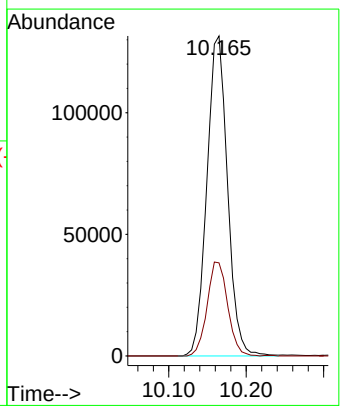
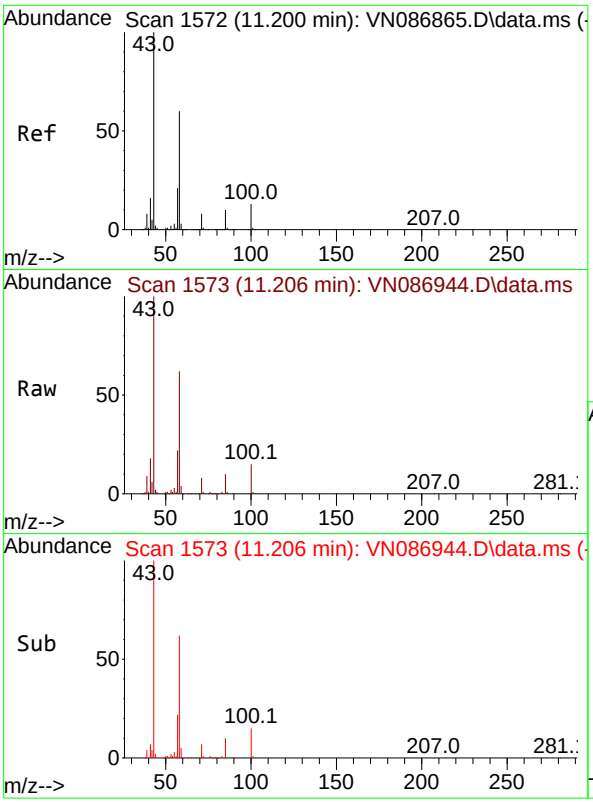


#58
2-Chloroethyl Vinyl ether
Concen: 101.910 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 63 Resp: 243584

Ion	Ratio	Lower	Upper
63	100		
106	29.2	23.0	34.6





#59
2-Hexanone
Concen: 89.210 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 23126

Ion	Ratio	Lower	Upper
43	100		
58	65.0	30.4	91.3

Instrument :
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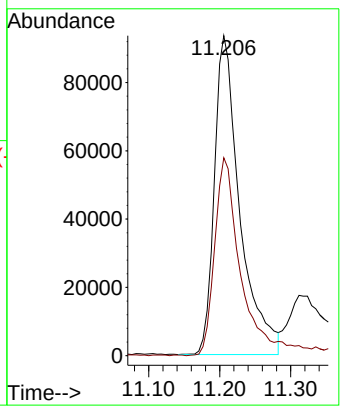
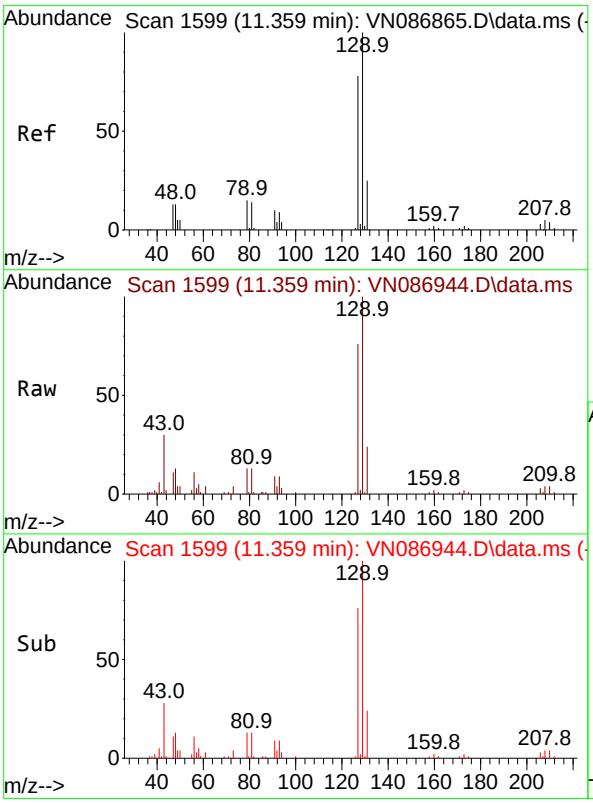
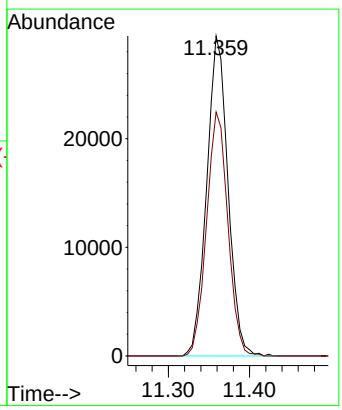


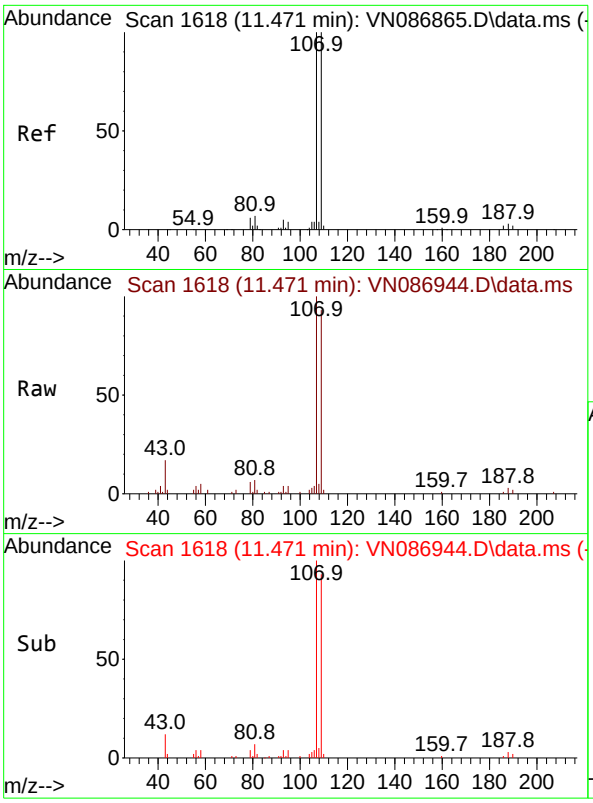


#60
Dibromochloromethane
Concen: 20.468 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:129 Resp: 53655

Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.6	115.8

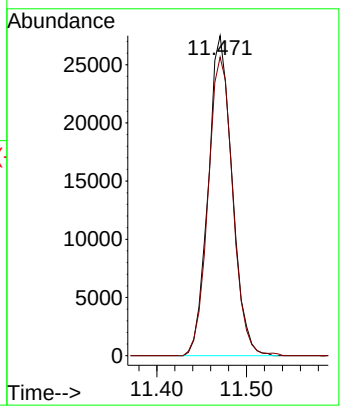




#61
1,2-Dibromoethane
Concen: 19.711 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:107 Resp: 5083

Ion	Ratio	Lower	Upper
107	100		
109	96.3	76.3	114.5



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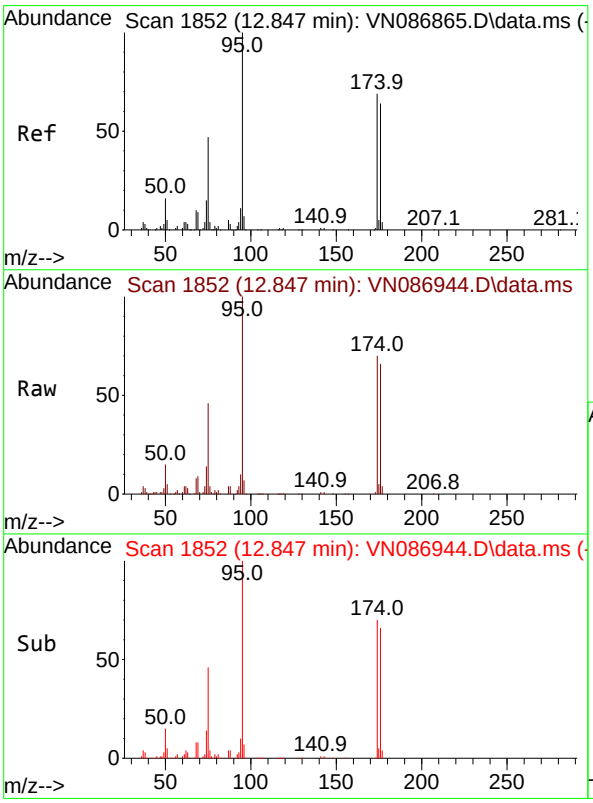
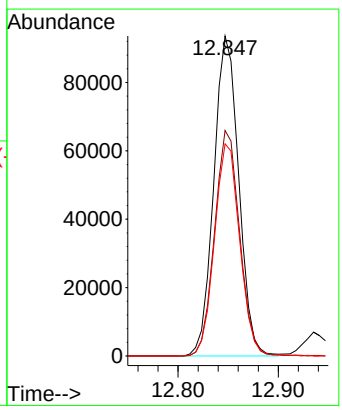
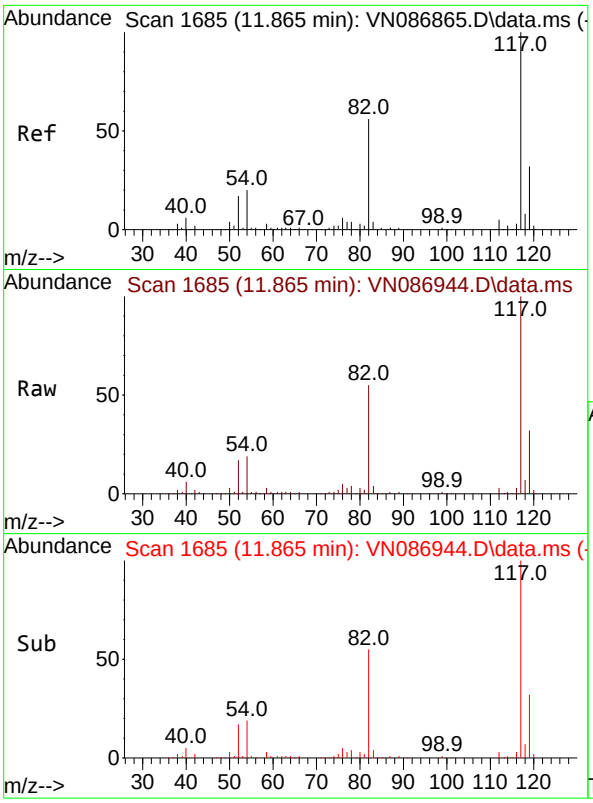


#62
4-Bromofluorobenzene
Concen: 49.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 95 Resp: 161321

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	141.8
176	67.2	0.0	132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:117 Resp: 32118

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.6	67.0
119	31.9	25.5	38.3

Instrument :
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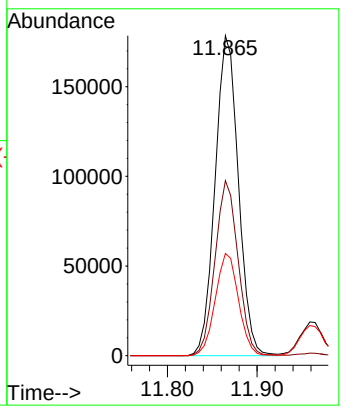
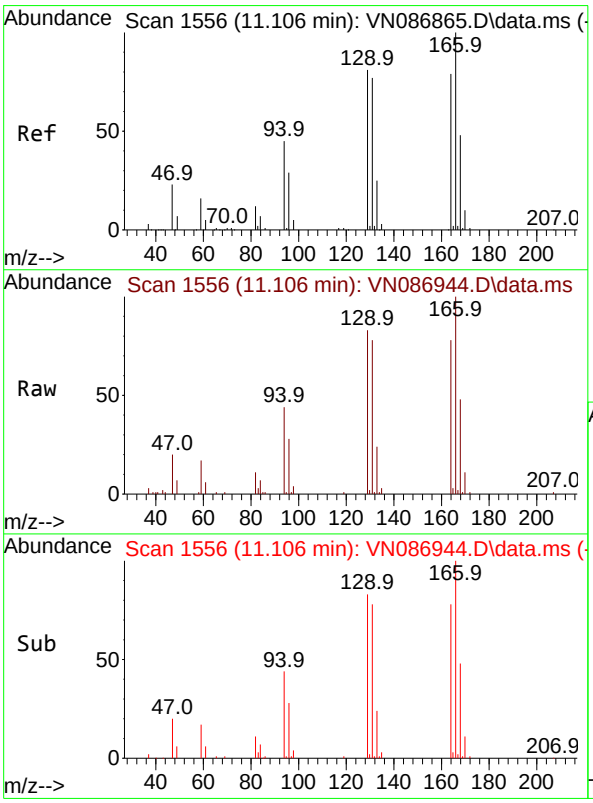
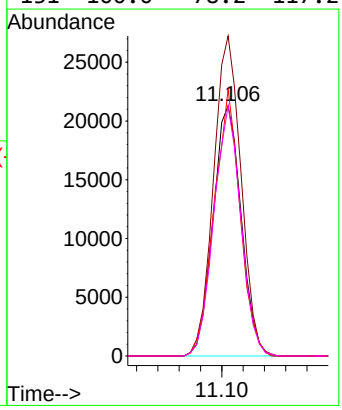


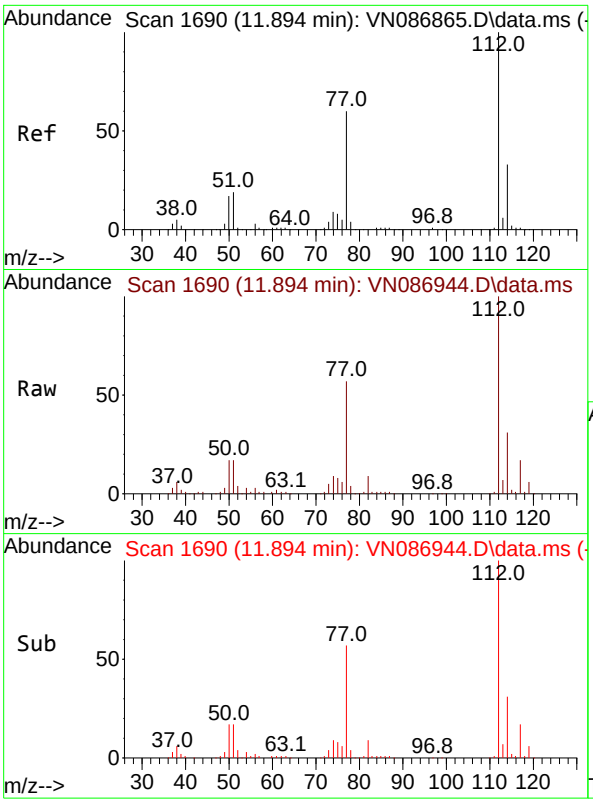


#64
Tetrachloroethene
Concen: 19.150 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:164 Resp: 38926

Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.8	152.8
129	106.5	83.0	124.4
131	100.0	78.2	117.2

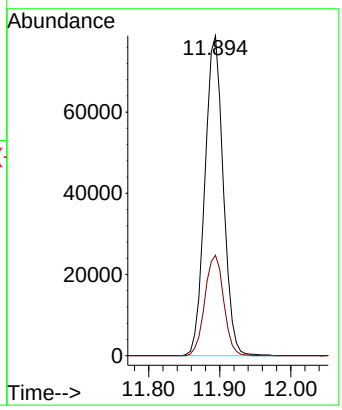




#65
Chlorobenzene
Concen: 20.006 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:112 Resp: 14172

Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.2	39.2



Instrument :
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ClientSampleId :
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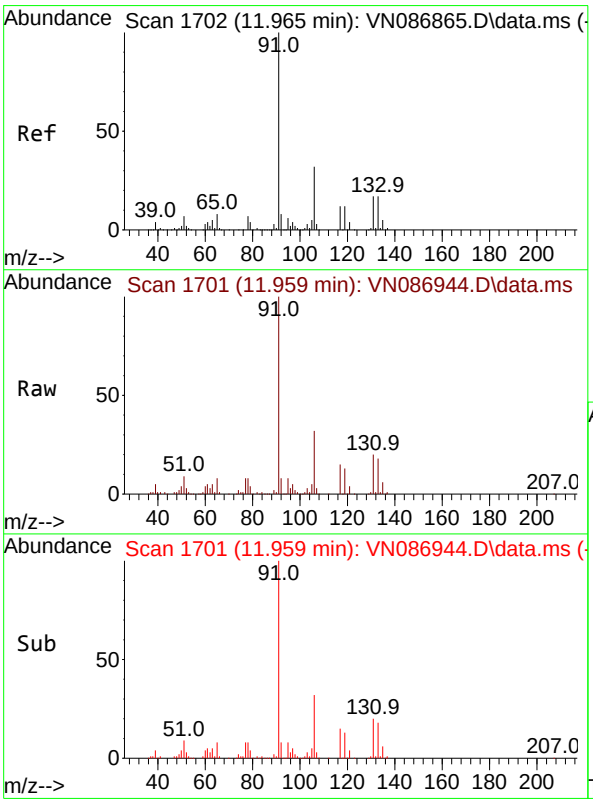
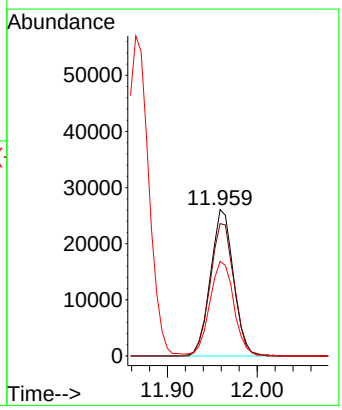
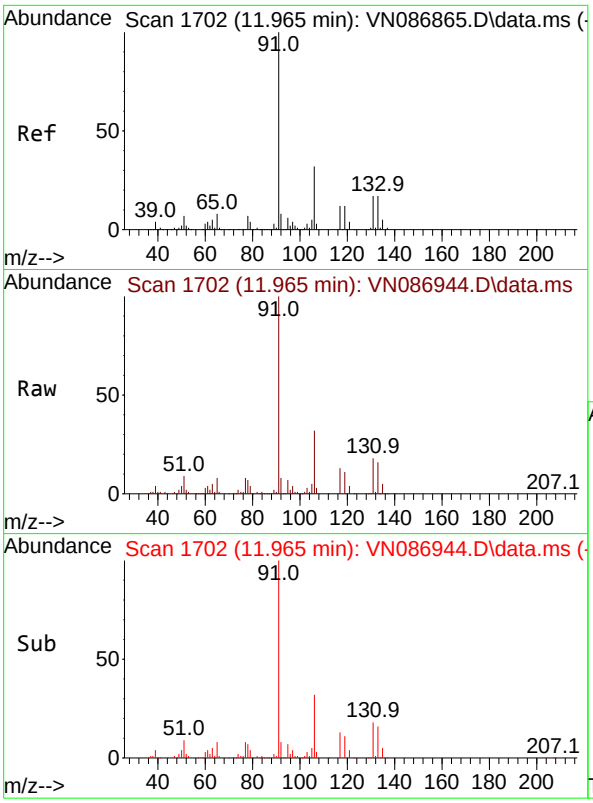


#66
1,1,1,2-Tetrachloroethane
Concen: 20.378 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:131 Resp: 46404

Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.3	144.8
119	68.0	34.0	101.8

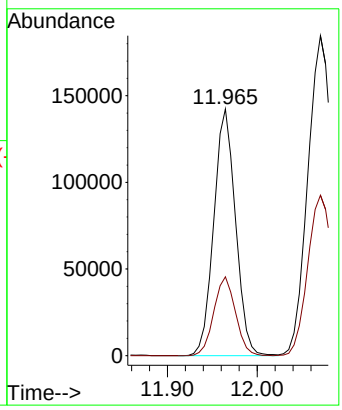




#67
Ethyl Benzene
Concen: 19.647 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 91 Resp: 23973

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
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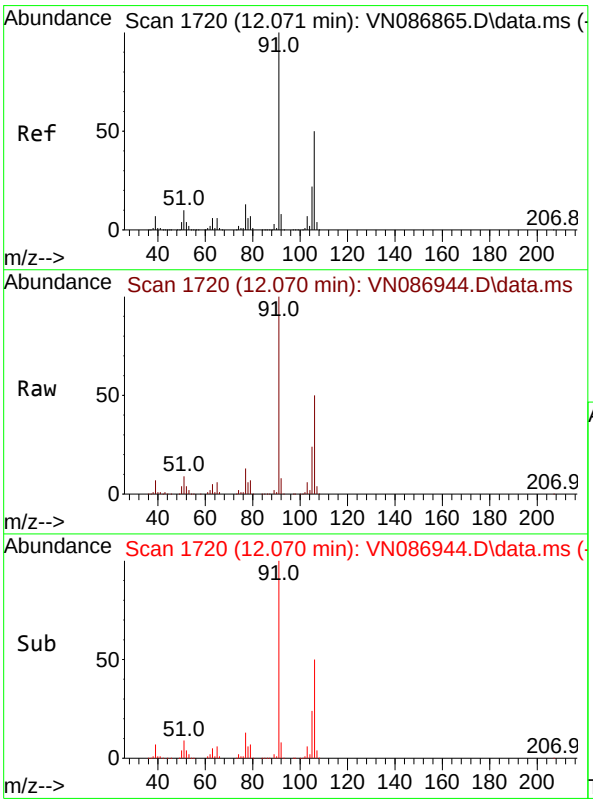
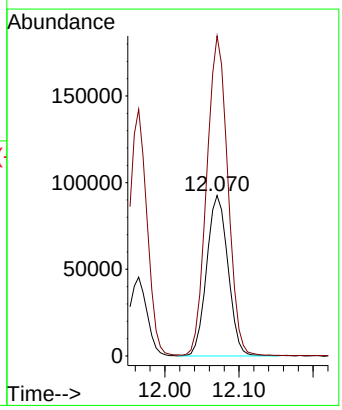
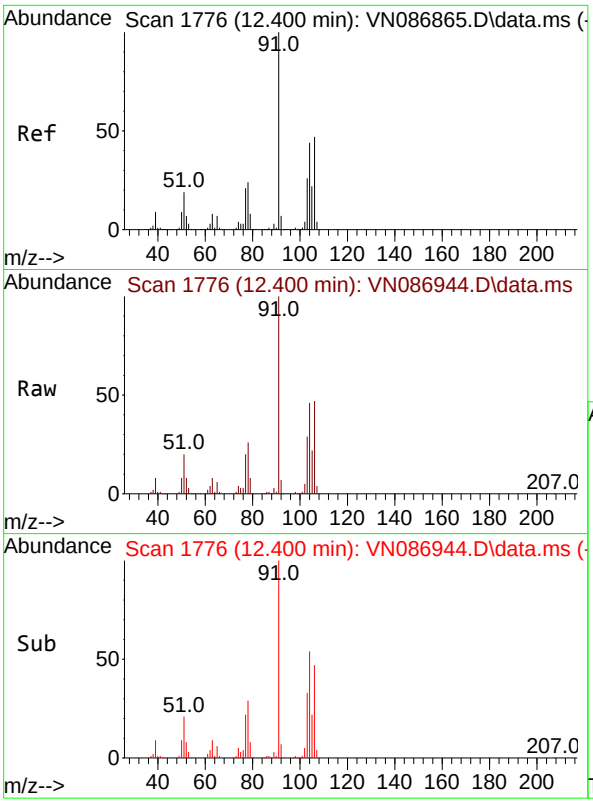


#68
m/p-Xylenes
Concen: 39.613 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:106 Resp: 185026

Ion	Ratio	Lower	Upper
106	100		
91	197.2	159.4	239.0

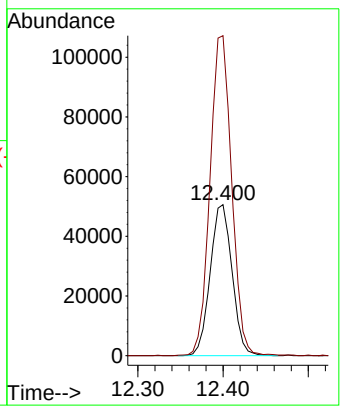




#69
o-Xylene
Concen: 20.172 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:106 Resp: 9024

Ion	Ratio	Lower	Upper
106	100		
91	210.1	106.1	318.1



Instrument :
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ClientSampleId :
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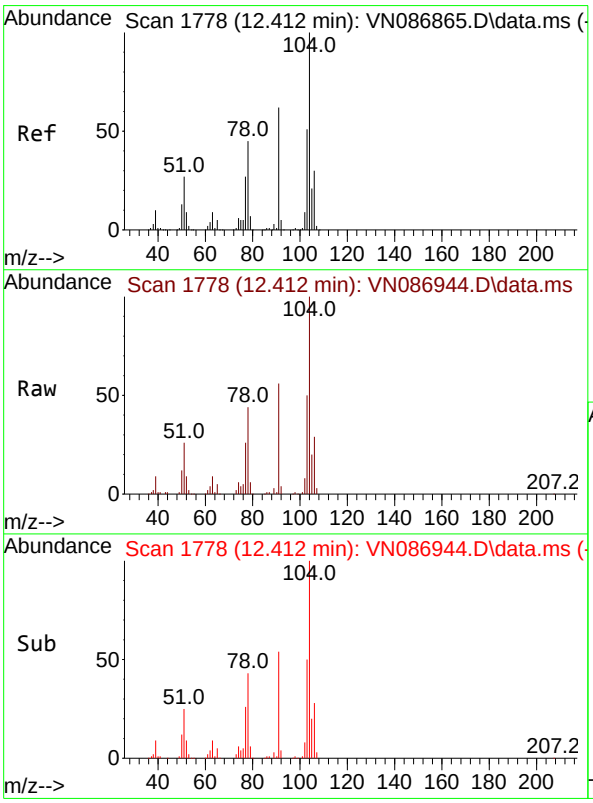
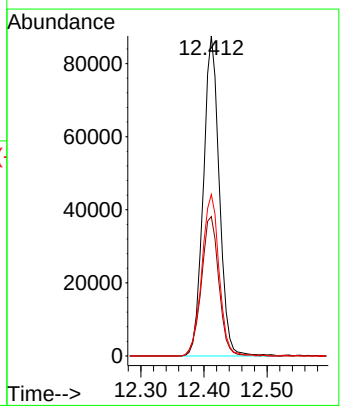
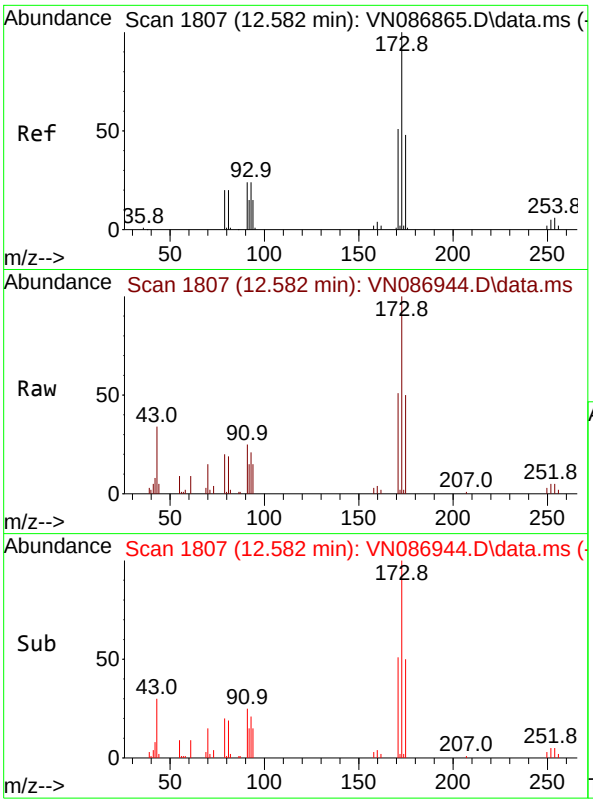


#70
Styrene
Concen: 20.137 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:104 Resp: 154149

Ion	Ratio	Lower	Upper
104	100		
78	47.5	38.5	57.7
103	54.3	43.1	64.7

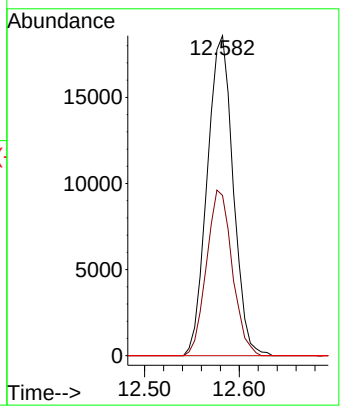




#71
Bromoform
Concen: 20.952 ug/l
RT: 12.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:173 Resp: 3535

Ion	Ratio	Lower	Upper
173	100		
175	51.2	24.1	72.4
254	0.0	0.0	0.0



Instrument :
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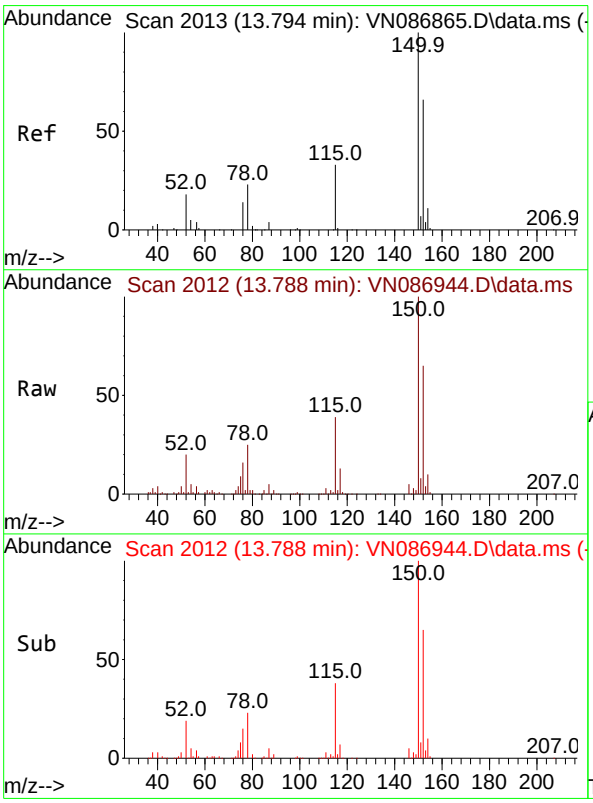
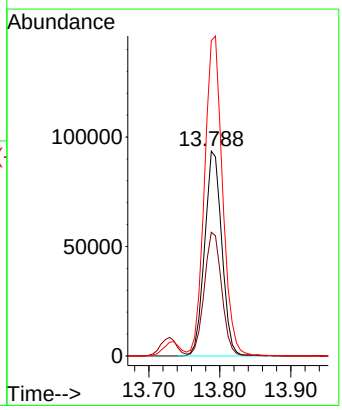
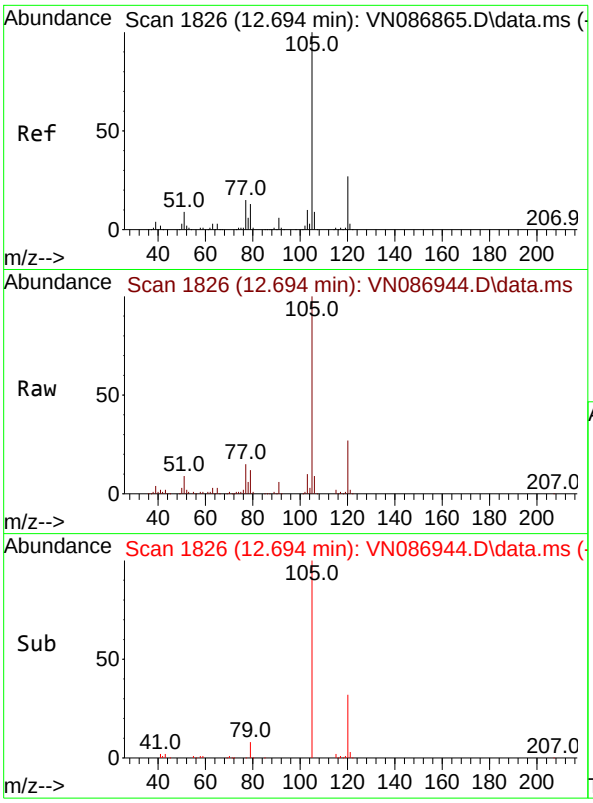


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:152 Resp: 157403

Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.1	90.5
150	164.6	0.0	345.0

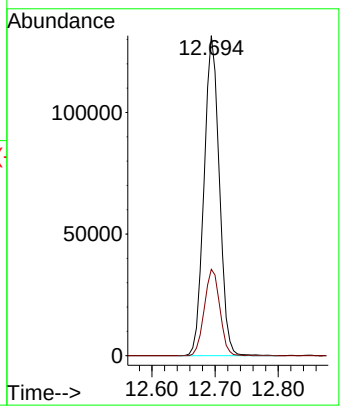




#73
Isopropylbenzene
Concen: 19.320 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:105 Resp: 22154

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.4



Instrument :
MSVOA_N
ClientSampleId :
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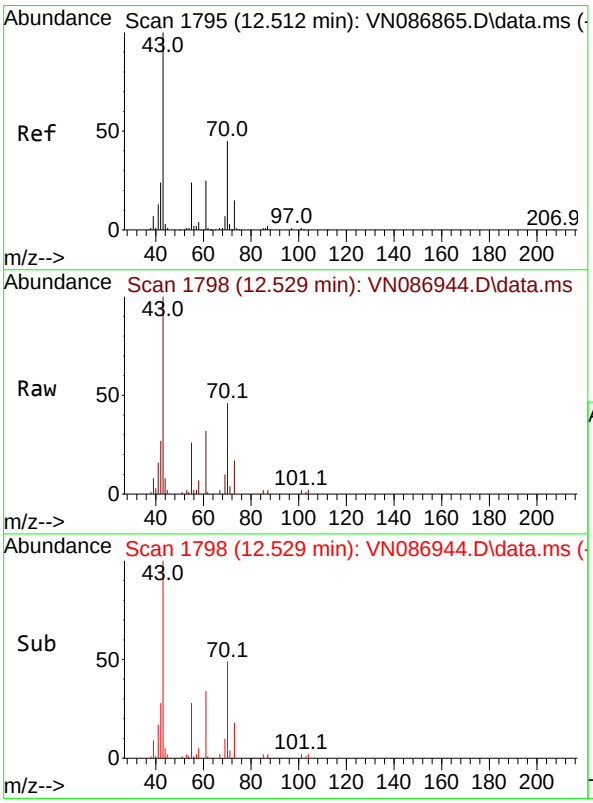
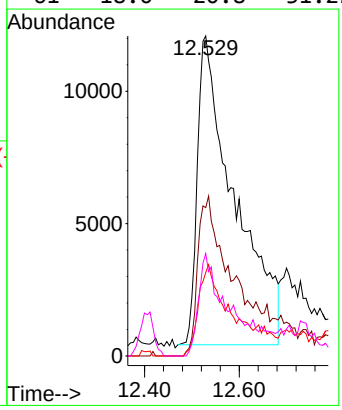
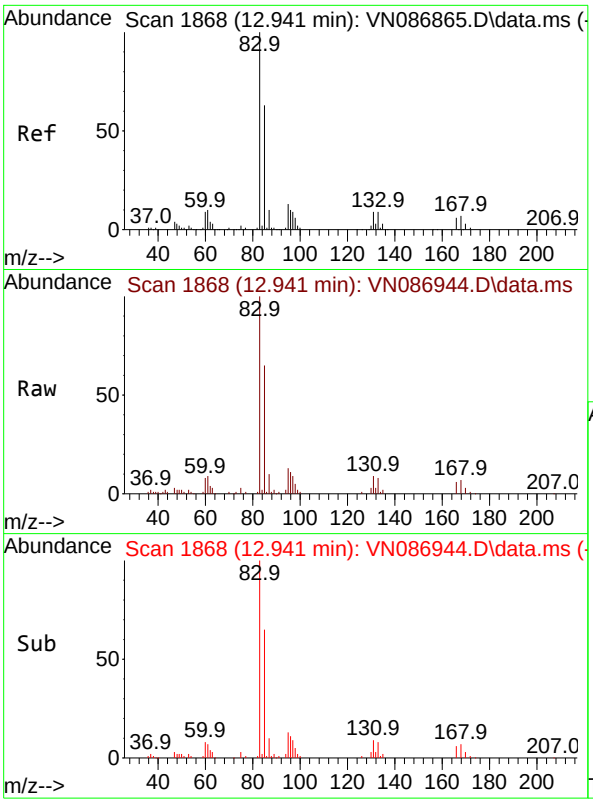


#74
N-amyl acetate
Concen: 15.794 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.017 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 63289

Ion	Ratio	Lower	Upper
43	100		
70	34.9	37.6	56.4#
55	19.9	19.0	28.6
61	18.0	20.8	31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.973 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 83 Resp: 8147

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.9	14.7
85	64.3	32.0	96.0

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

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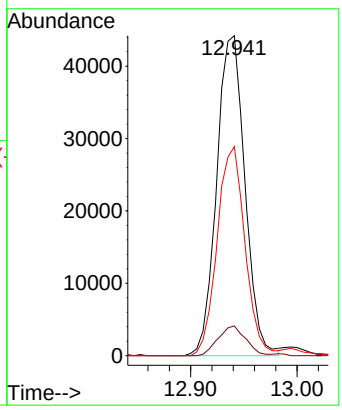
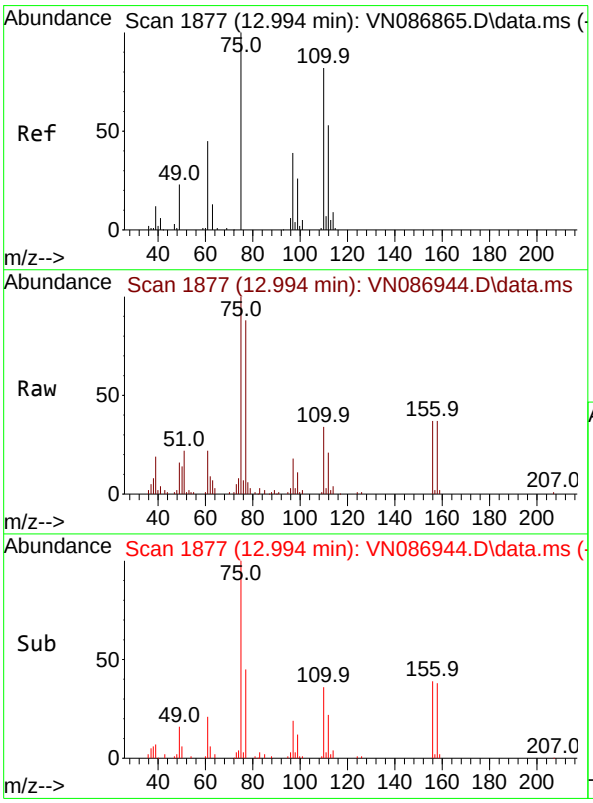
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

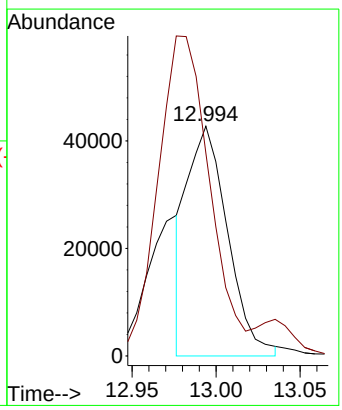


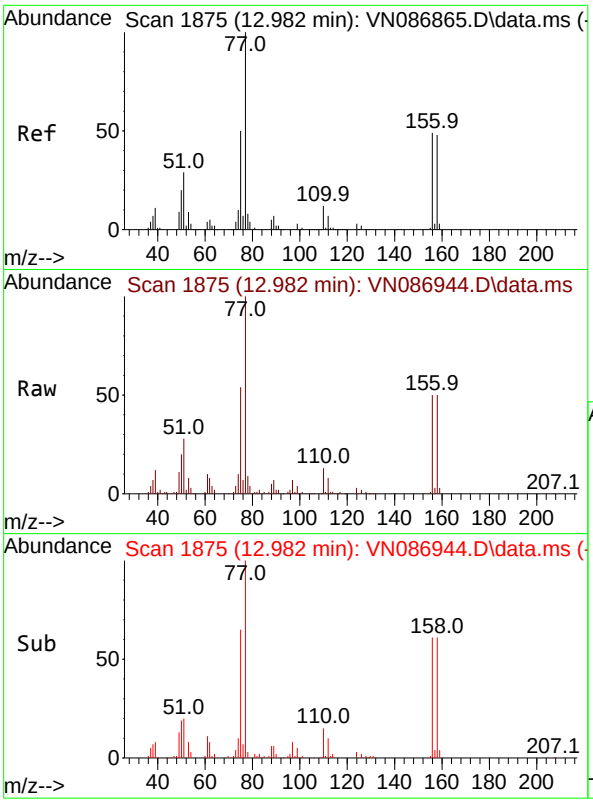


#76
1,2,3-Trichloropropane
Concen: 19.132 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 71582

Ion	Ratio	Lower	Upper
75	100		
77	177.6	79.3	237.9

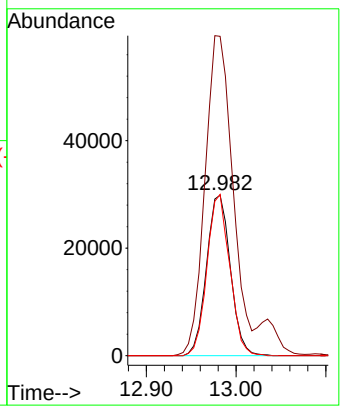




#77
Bromobenzene
Concen: 20.981 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:156 Resp: 5517

Ion	Ratio	Lower	Upper
156	100		
77	230.4	117.7	353.1
158	95.7	48.1	144.4



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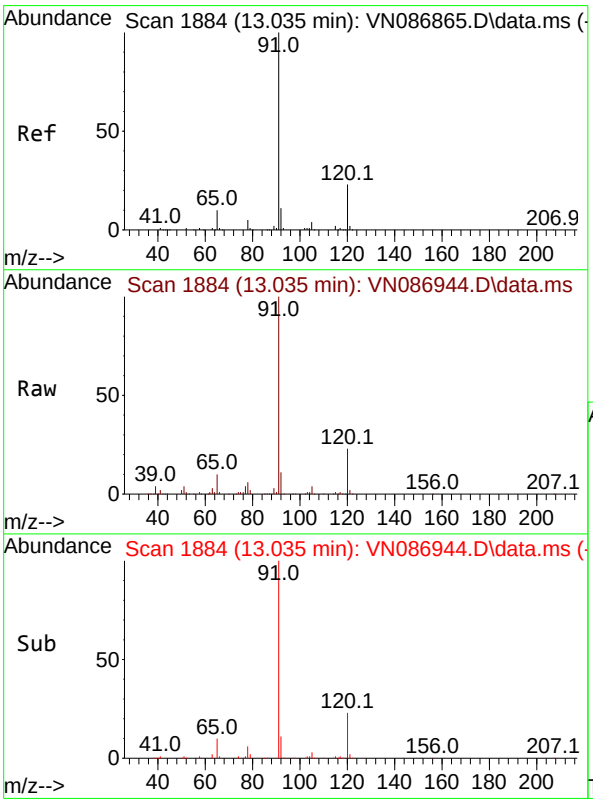
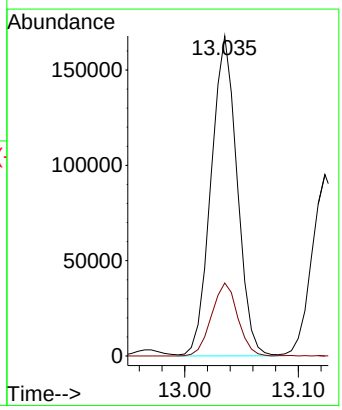
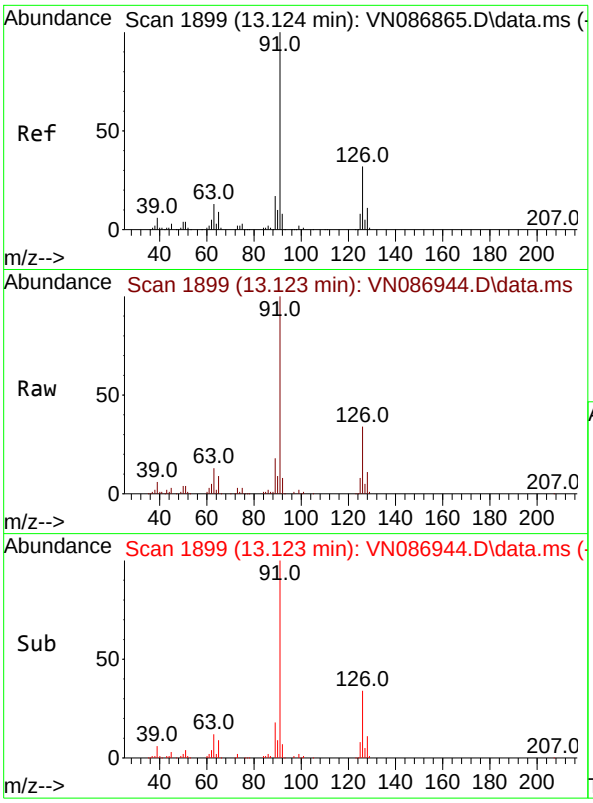


#78
n-propylbenzene
Concen: 19.187 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 91 Resp: 267384

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2

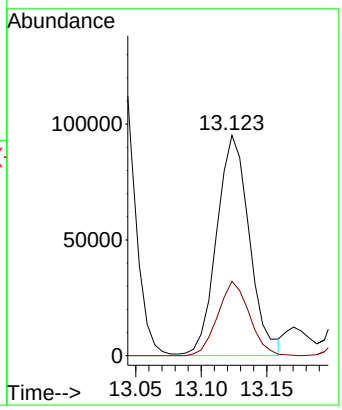




#79
2-Chlorotoluene
Concen: 19.721 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 91 Resp: 16481

Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.2	48.5



Instrument :
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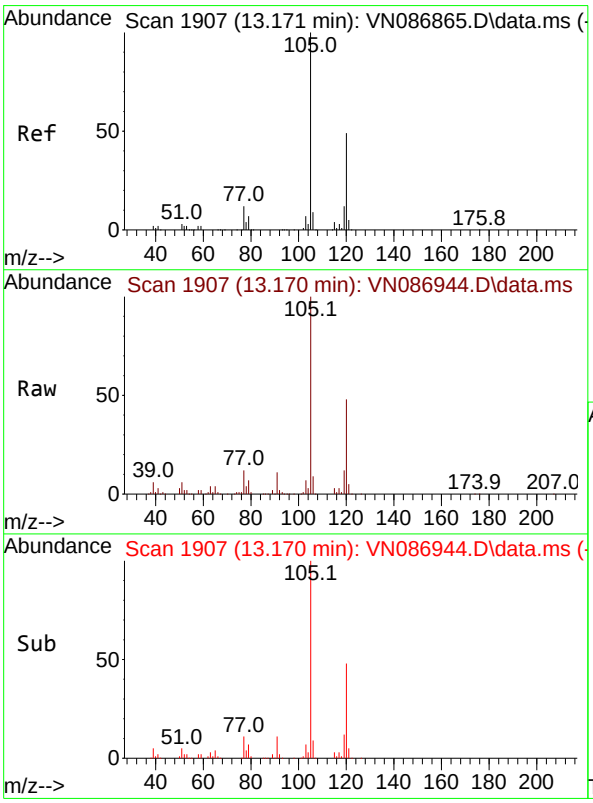
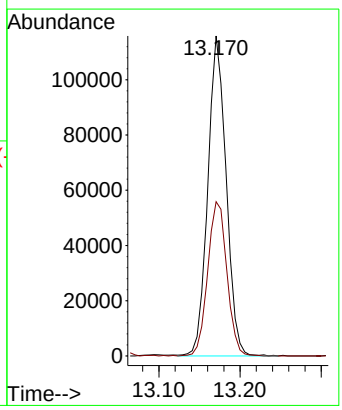
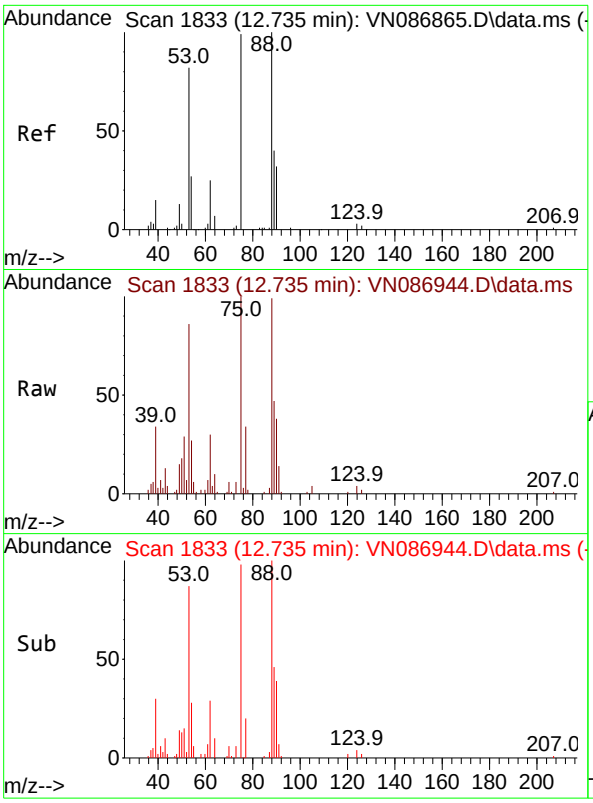


#80
1,3,5-Trimethylbenzene
Concen: 19.200 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:105 Resp: 181773

Ion	Ratio	Lower	Upper
105	100		
120	50.4	24.9	74.6

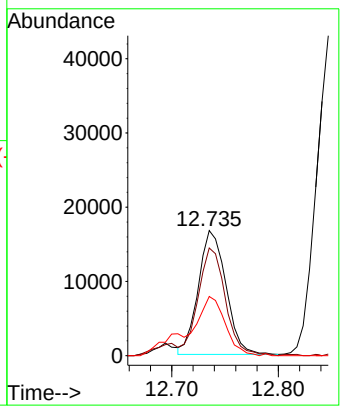




#81
trans-1,4-Dichloro-2-butene
Concen: 18.532 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 3012

Ion	Ratio	Lower	Upper
75	100		
53	94.2	66.6	99.8
89	63.9	36.7	55.1



Instrument :
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ClientSampleId :
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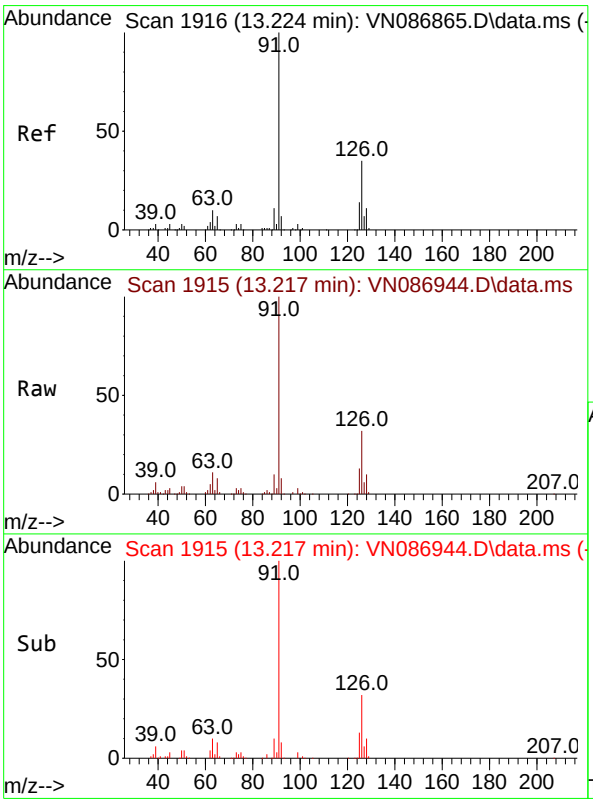
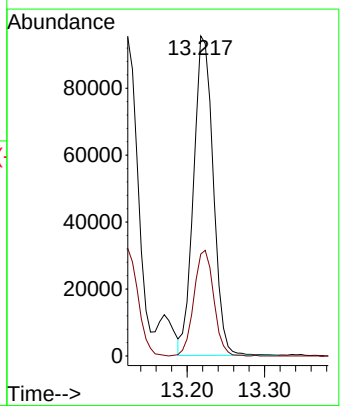
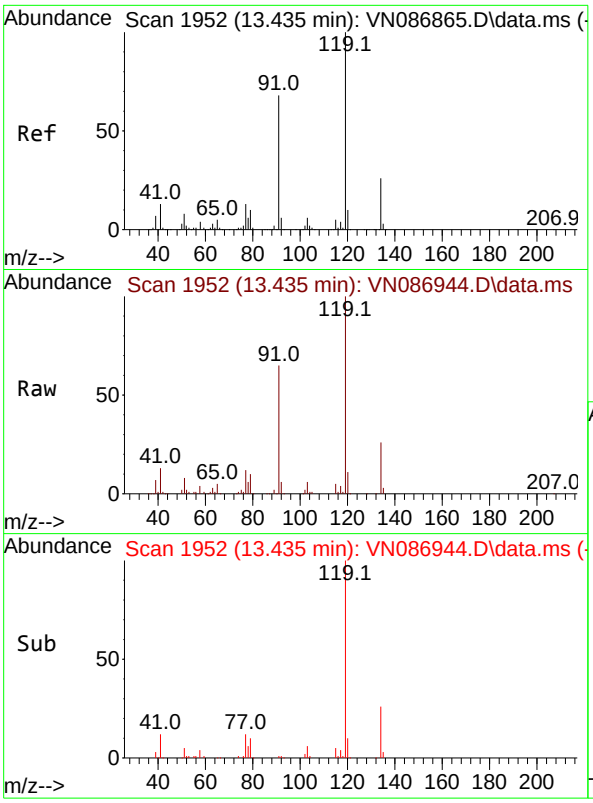


#82
4-Chlorotoluene
Concen: 19.866 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 91 Resp: 167991

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.7	50.1

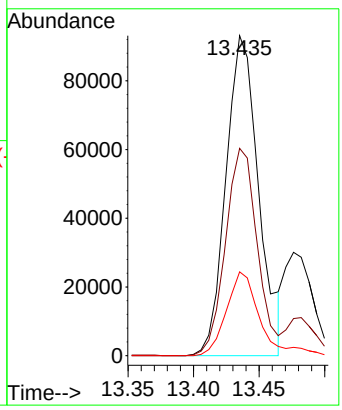




#83
tert-Butylbenzene
Concen: 18.646 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:119 Resp: 16159

Ion	Ratio	Lower	Upper
119	100		
91	63.1	32.1	96.5
134	26.9	13.4	40.1



Instrument :
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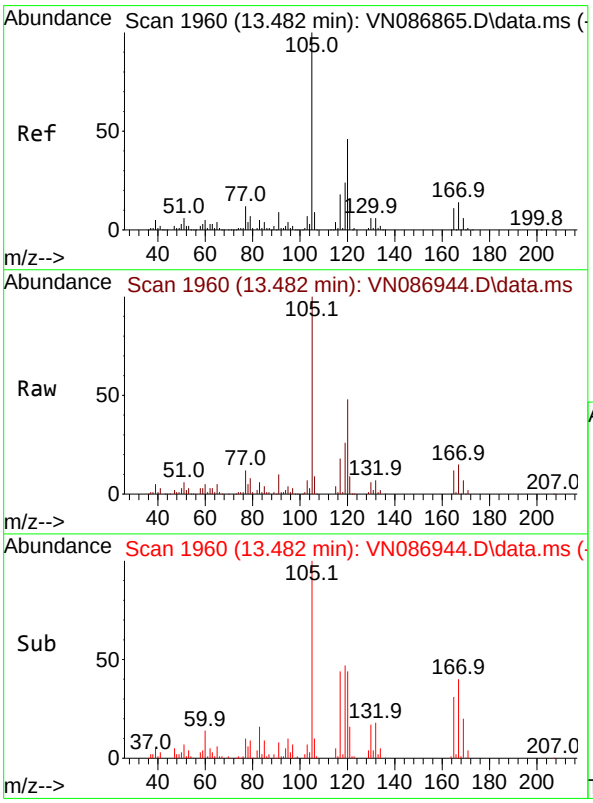
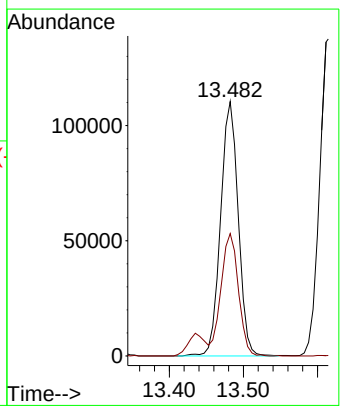
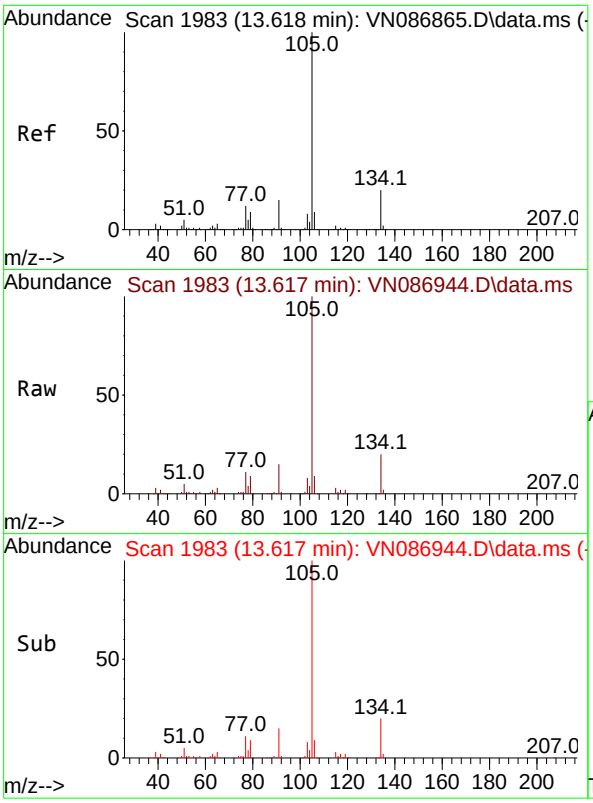


#84
1,2,4-Trimethylbenzene
Concen: 19.216 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:105 Resp: 182431

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.2	69.6

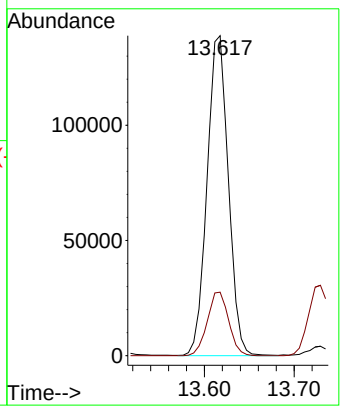




#85
sec-Butylbenzene
Concen: 18.189 ug/l
RT: 13.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:105 Resp: 22890

Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.0	30.0



Instrument :
MSVOA_N
ClientSampleId :
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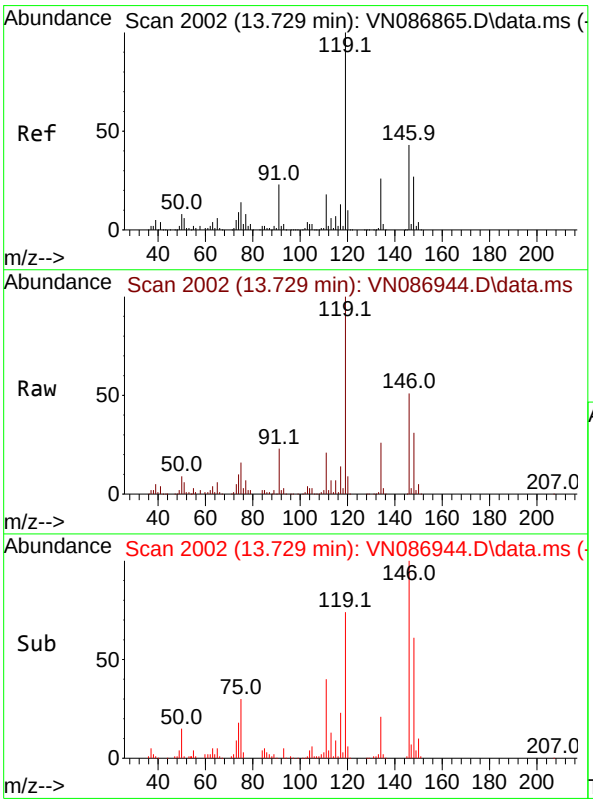
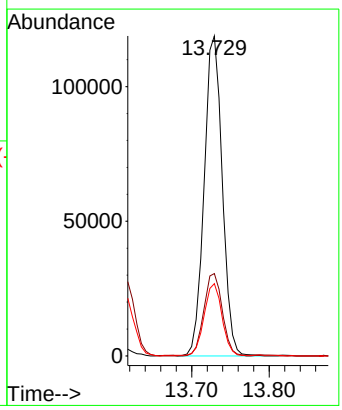
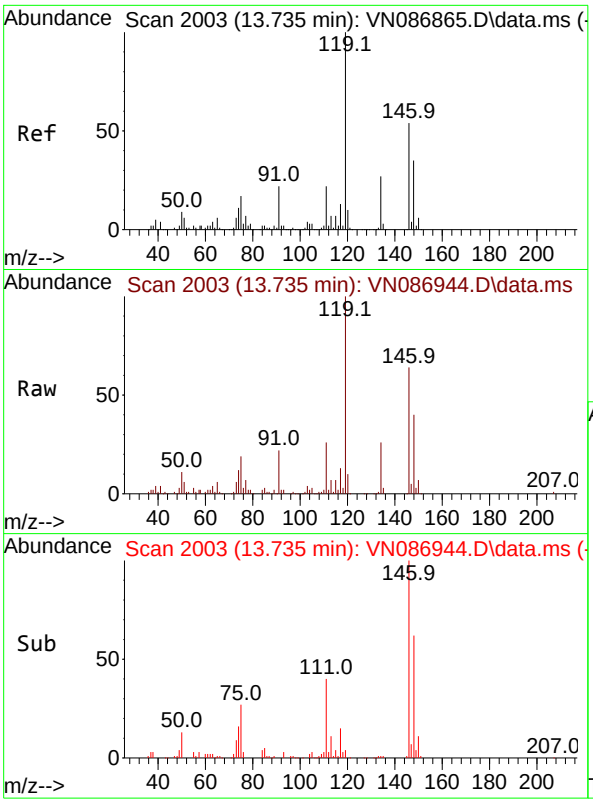


#86
p-Isopropyltoluene
Concen: 18.551 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:119 Resp: 192991

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.4
91	22.1	11.5	34.4

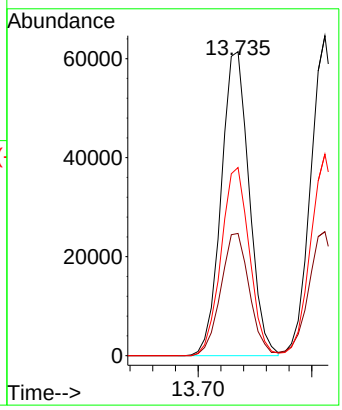




#87
1,3-Dichlorobenzene
Concen: 20.271 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:146 Resp: 10488

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.9	62.8
148	62.6	32.0	96.2



Instrument :
MSVOA_N
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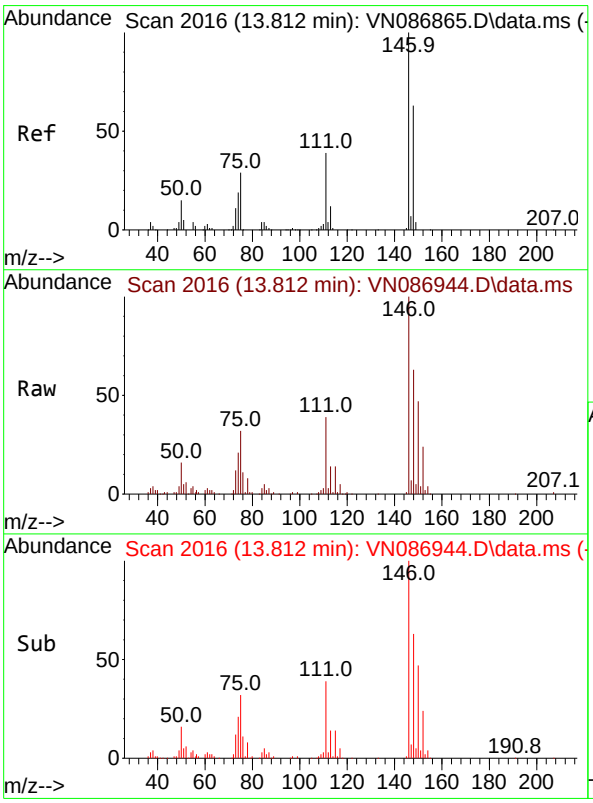
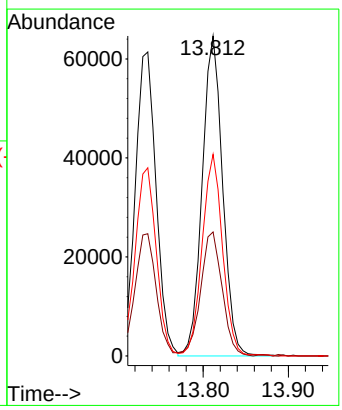
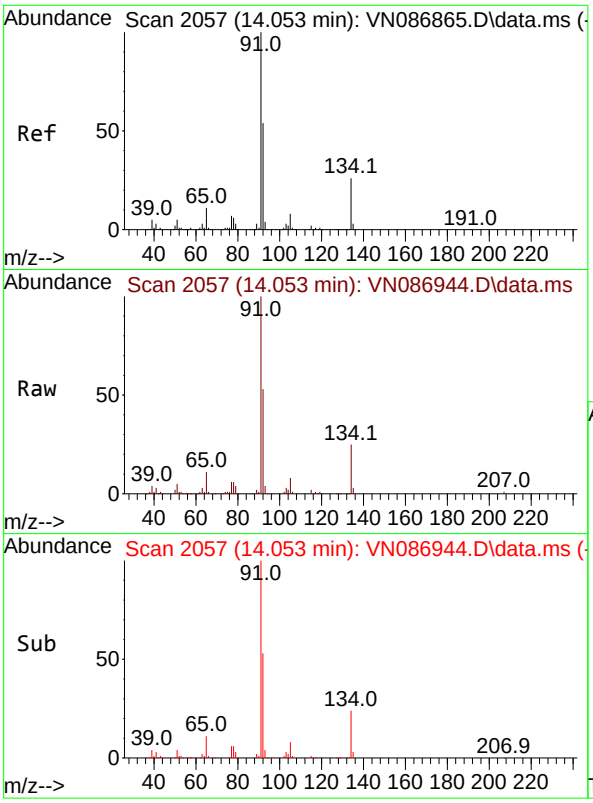


#88
1,4-Dichlorobenzene
Concen: 20.426 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:146 Resp: 107750

Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	63.1	31.8	95.4

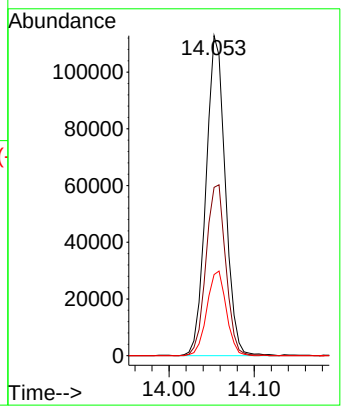




#89
n-Butylbenzene
Concen: 17.613 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 91 Resp: 17748

Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	26.7	13.0	39.0



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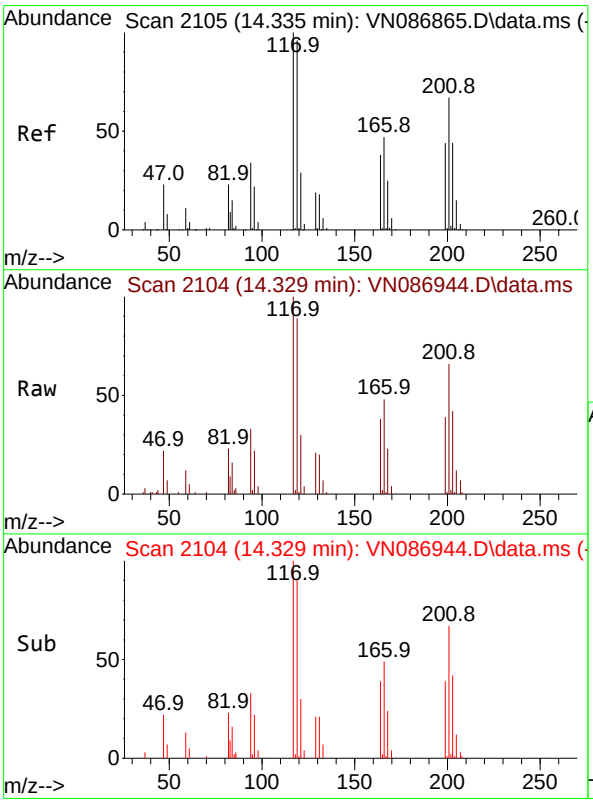
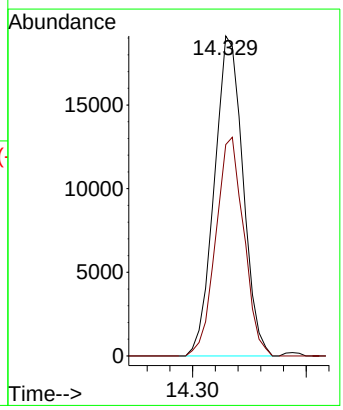
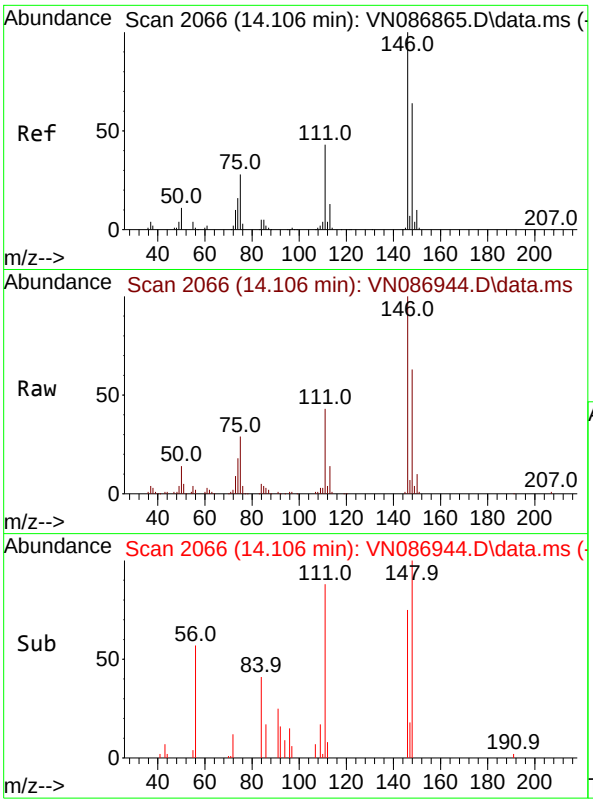


#90
Hexachloroethane
Concen: 18.972 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:117 Resp: 33456

Ion	Ratio	Lower	Upper
117	100		
201	67.1	33.2	99.6

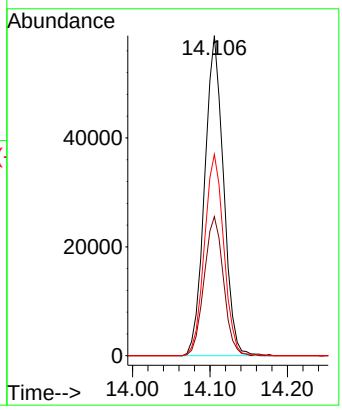




#91
1,2-Dichlorobenzene
Concen: 19.995 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:146 Resp: 9939

Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.6	64.6
148	64.5	31.7	95.1



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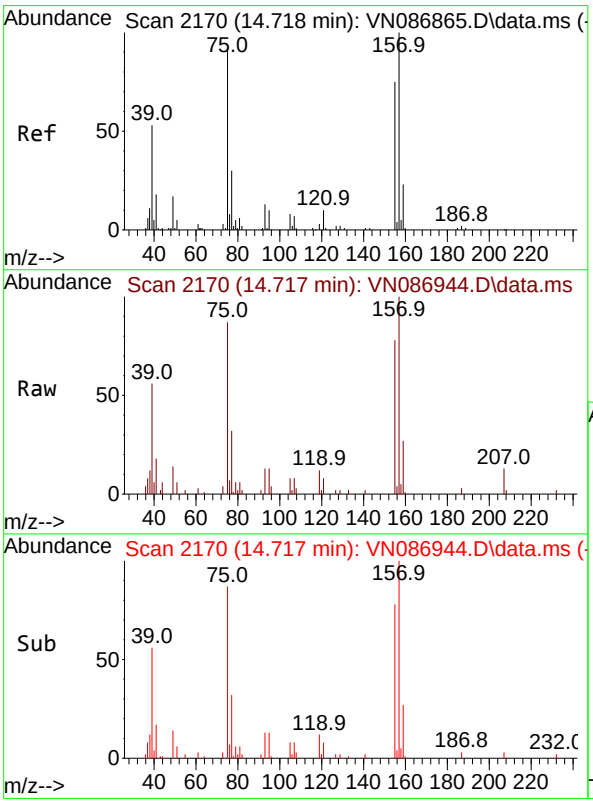
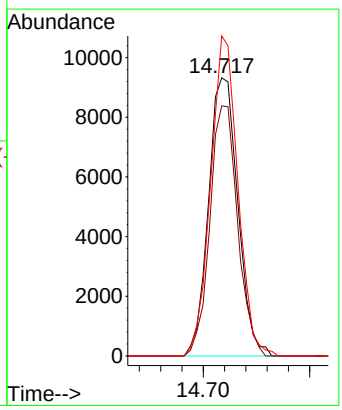
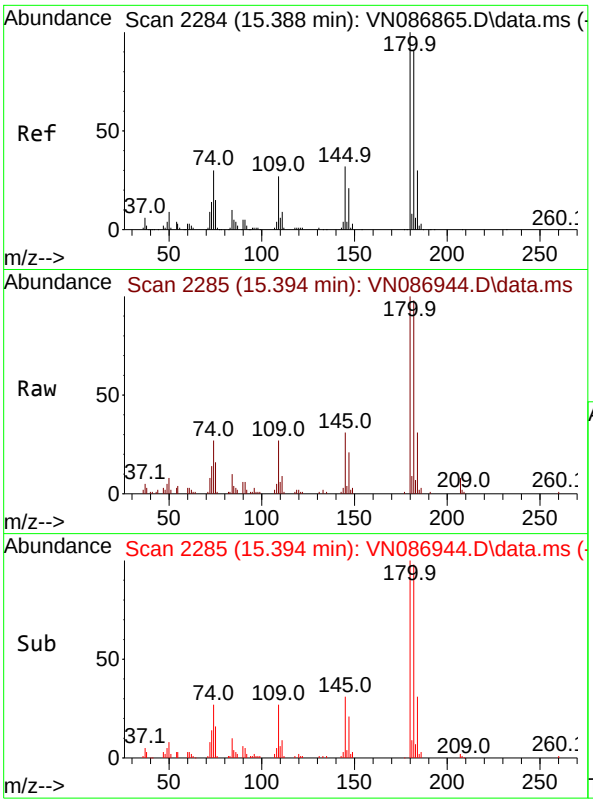


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.155 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 17796

Ion	Ratio	Lower	Upper
75	100		
155	85.2	41.1	123.4
157	106.8	52.7	158.1

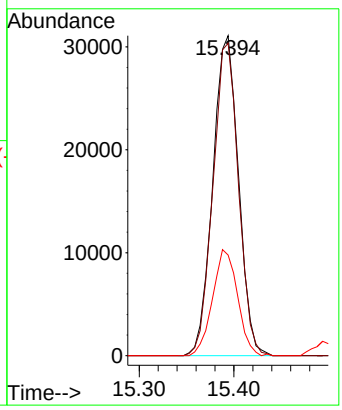




#93
1,2,4-Trichlorobenzene
Concen: 18.433 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:180 Resp: 5850

Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.9	140.7
145	32.3	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
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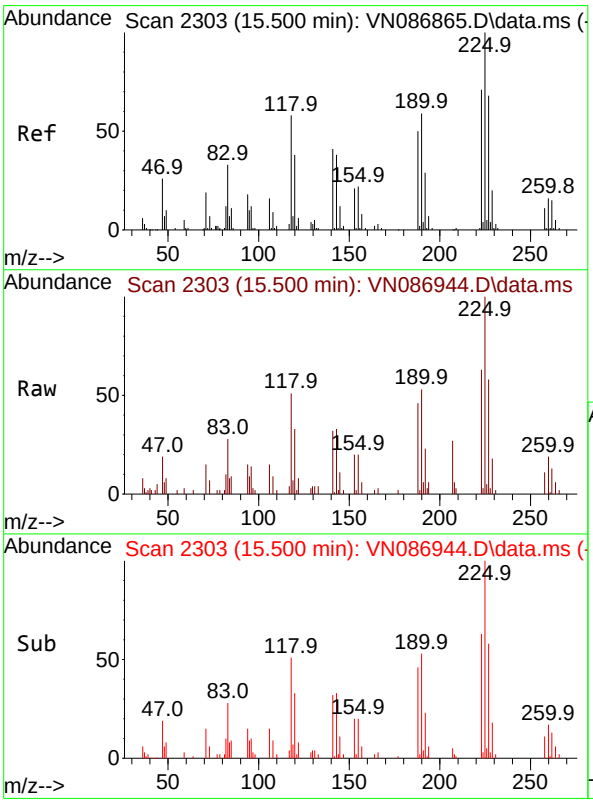
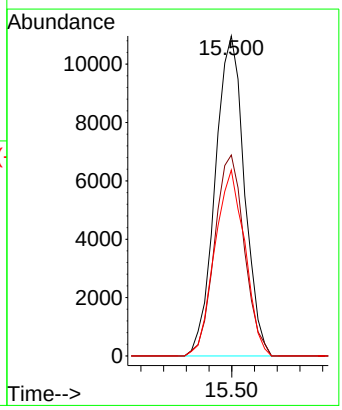
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

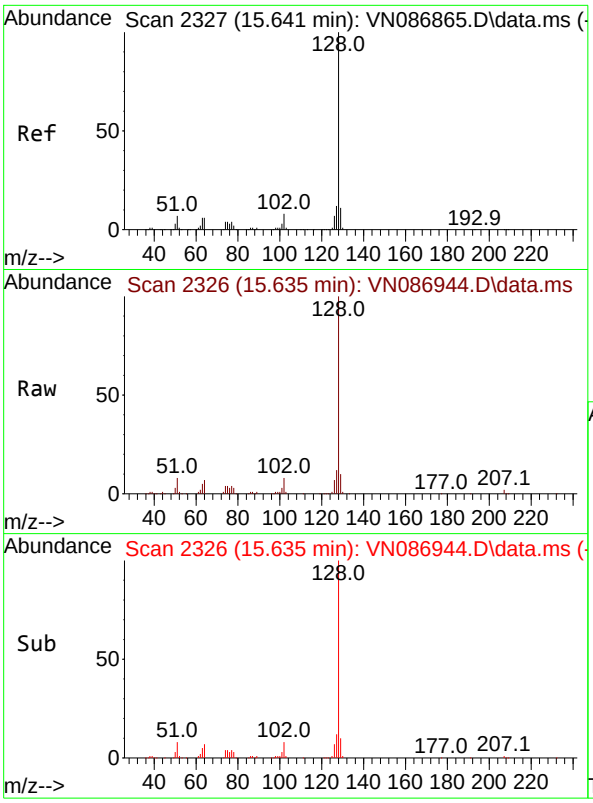


#94
Hexachlorobutadiene
Concen: 16.567 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:225 Resp: 19592

Ion	Ratio	Lower	Upper
225	100		
223	64.0	33.5	100.4
227	60.0	31.1	93.5

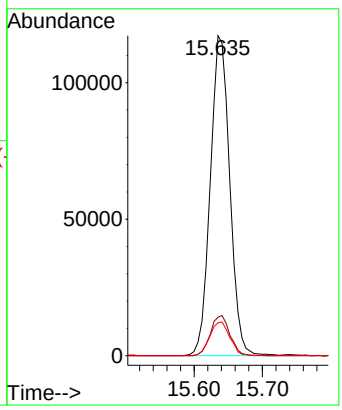




#95
Naphthalene
Concen: 19.700 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:128 Resp: 23276

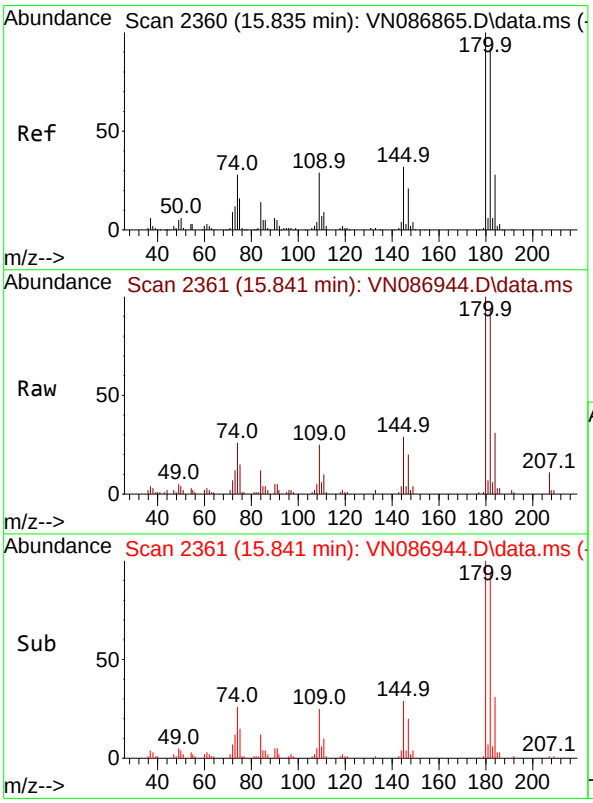
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations
APPROVED

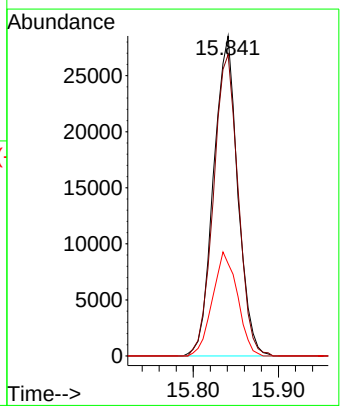
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.802 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:180 Resp: 56144

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.0	141.0
145	33.6	16.6	49.8



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY0611SBS01	SDG No.:	Q2251
Lab Sample ID:	VY0611SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022654.D	1		06/11/25 11:01	VY061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	19.1		1.10	2.50	5.00	ug/Kg
75-01-4	Vinyl Chloride	22.8		0.79	2.50	5.00	ug/Kg
74-83-9	Bromomethane	22.7		1.10	4.00	5.00	ug/Kg
75-00-3	Chloroethane	24.3		1.30	2.50	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	24.2		1.20	4.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.1		1.10	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.5		1.00	2.50	5.00	ug/Kg
67-64-1	Acetone	140		4.70	20.0	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.4		1.10	4.00	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.5		0.73	2.50	5.00	ug/Kg
75-09-2	Methylene Chloride	22.6		3.50	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.6		0.86	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.4		0.80	2.50	5.00	ug/Kg
78-93-3	2-Butanone	120		6.50	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.2		0.97	2.50	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.5		0.75	2.50	5.00	ug/Kg
67-66-3	Chloroform	22.3		0.84	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.2		0.93	2.50	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.9		0.91	2.50	5.00	ug/Kg
71-43-2	Benzene	21.2		0.79	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.1		0.79	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	22.4		0.81	2.50	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.6		0.91	2.50	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.3		0.78	2.50	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	93.4		3.60	12.5	25.0	ug/Kg
108-88-3	Toluene	21.1		0.78	2.50	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	20.1		0.65	2.50	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.6		0.62	2.50	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.8		0.92	2.50	5.00	ug/Kg
591-78-6	2-Hexanone	100		3.70	12.5	25.0	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY0611SBS01	SDG No.:	Q2251
Lab Sample ID:	VY0611SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022654.D	1		06/11/25 11:01	VY061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
124-48-1	Dibromochloromethane	20.3		0.87	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	24.8		1.10	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	21.6		0.91	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.7		0.67	2.50	5.00	ug/Kg
179601-23-1	m/p-Xylenes	42.1		1.20	5.00	10.0	ug/Kg
95-47-6	o-Xylene	20.9		0.82	2.50	5.00	ug/Kg
100-42-5	Styrene	20.2		0.71	2.50	5.00	ug/Kg
75-25-2	Bromoform	19.2		0.86	2.50	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.1		0.78	2.50	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	17.6		1.20	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.4		1.70	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.4		1.60	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.3		1.50	2.50	5.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.2		71 - 136		104%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3		78 - 119		107%	SPK: 50
2037-26-5	Toluene-d8	53.9		85 - 116		108%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		79 - 119		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	154000	7.707				
540-36-3	1,4-Difluorobenzene	263000	8.616				
3114-55-4	Chlorobenzene-d5	219000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	105000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022654.D
Acq On : 11 Jun 2025 11:01
Operator : SY/MD
Sample : VY0611SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 12 05:03:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	154377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	263261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	218934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	105447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90043	52.150	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.300%			
35) Dibromofluoromethane	7.634	113	83823	53.345	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.680%			
50) Toluene-d8	10.103	98	341908	53.850	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.700%			
62) 4-Bromofluorobenzene	12.408	95	96721	51.128	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	30354	21.962	ug/l	97
3) Chloromethane	2.068	50	78092	19.125	ug/l	100
4) Vinyl Chloride	2.202	62	107977	22.795	ug/l	97
5) Bromomethane	2.592	94	102939	22.674	ug/l	96
6) Chloroethane	2.732	64	78962	24.287	ug/l	94
7) Trichlorofluoromethane	3.050	101	97294	24.195	ug/l	100
8) Diethyl Ether	3.458	74	18737	20.690	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	37387	22.075	ug/l	99
10) Methyl Iodide	4.007	142	34979	19.085	ug/l	99
11) Tert butyl alcohol	4.872	59	11478	93.074	ug/l	95
12) 1,1-Dichloroethene	3.793	96	34837	21.519	ug/l	98
13) Acrolein	3.653	56	11458	74.553	ug/l	100
14) Allyl chloride	4.385	41	50615	19.916	ug/l	99
15) Acrylonitrile	5.055	53	37482	97.728	ug/l	99
16) Acetone	3.873	43	50425	143.804	ug/l	98
17) Carbon Disulfide	4.110	76	105733	20.400	ug/l	98
18) Methyl Acetate	4.391	43	19500	18.779	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	89130	19.547	ug/l	97
20) Methylene Chloride	4.616	84	44974	22.579	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	39120	21.591	ug/l	84
22) Diisopropyl ether	6.018	45	116438	20.583	ug/l	94
23) Vinyl Acetate	5.964	43	319453	95.409	ug/l	99
24) 1,1-Dichloroethane	5.915	63	71477	21.448	ug/l	99
25) 2-Butanone	6.896	43	59179	117.002	ug/l	100
26) 2,2-Dichloropropane	6.890	77	64822	22.014	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	45115	21.542	ug/l	99
28) Bromochloromethane	7.244	49	29937	20.607	ug/l	100
29) Tetrahydrofuran	7.268	42	30329	92.970	ug/l	98
30) Chloroform	7.421	83	73510	22.269	ug/l	97
31) Cyclohexane	7.701	56	65893	19.860	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	65077	22.208	ug/l	99
36) 1,1-Dichloropropene	7.835	75	54754	21.470	ug/l	99
37) Ethyl Acetate	6.988	43	22158m	19.483	ug/l	
38) Carbon Tetrachloride	7.817	117	55534	21.227	ug/l	99
39) Methylcyclohexane	9.109	83	68109	19.873	ug/l	98
40) Benzene	8.079	78	159964	21.236	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022654.D
Acq On : 11 Jun 2025 11:01
Operator : SY/MD
Sample : VY0611SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 12 05:03:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	12140	18.275	ug/l		95
42) 1,2-Dichloroethane	8.158	62	43385	21.094	ug/l		97
43) Isopropyl Acetate	8.201	43	45086	18.355	ug/l		99
44) Trichloroethene	8.866	130	41172	22.364	ug/l		98
45) 1,2-Dichloropropane	9.140	63	38468	21.609	ug/l		99
46) Dibromomethane	9.231	93	21136	21.104	ug/l		99
47) Bromodichloromethane	9.420	83	54018	21.271	ug/l		98
48) Methyl methacrylate	9.219	41	21337	18.509	ug/l		96
49) 1,4-Dioxane	9.231	88	4404	371.176	ug/l	#	85
51) 4-Methyl-2-Pentanone	9.999	43	114346	93.372	ug/l		99
52) Toluene	10.170	92	99726	21.067	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	47853	20.111	ug/l		93
54) cis-1,3-Dichloropropene	9.859	75	56976	20.571	ug/l		94
55) 1,1,2-Trichloroethane	10.573	97	26608	20.835	ug/l		97
56) Ethyl methacrylate	10.438	69	33681	18.248	ug/l		98
57) 1,3-Dichloropropane	10.719	76	46820	20.685	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	81714	97.509	ug/l		99
59) 2-Hexanone	10.762	43	85059	103.855	ug/l		99
60) Dibromochloromethane	10.914	129	32871	20.254	ug/l		99
61) 1,2-Dibromoethane	11.018	107	23589	20.266	ug/l		99
64) Tetrachloroethene	10.646	164	46718	24.806	ug/l		96
65) Chlorobenzene	11.438	112	104666	21.604	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	34342	21.042	ug/l		99
67) Ethyl Benzene	11.517	91	185737	20.670	ug/l		97
68) m/p-Xylenes	11.627	106	143316	42.072	ug/l		98
69) o-Xylene	11.956	106	66721	20.891	ug/l		100
70) Styrene	11.969	104	106861	20.241	ug/l		99
71) Bromoform	12.133	173	16640	19.160	ug/l	#	100
73) Isopropylbenzene	12.255	105	174297	20.133	ug/l		100
74) N-amyl acetate	12.072	43	38545	17.646	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	25003	17.597	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	21166m	17.545	ug/l		
77) Bromobenzene	12.530	156	37602	20.583	ug/l		97
78) n-propylbenzene	12.597	91	215383	20.369	ug/l		99
79) 2-Chlorotoluene	12.676	91	112124	20.007	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	139655	20.548	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	8871	17.758	ug/l		98
82) 4-Chlorotoluene	12.779	91	116584	20.166	ug/l		98
83) tert-Butylbenzene	12.999	119	124991	20.490	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	137643	20.248	ug/l		99
85) sec-Butylbenzene	13.176	105	192733	20.630	ug/l		100
86) p-Isopropyltoluene	13.292	119	155523	20.196	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	75686	20.448	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	73268	20.409	ug/l		98
89) n-Butylbenzene	13.615	91	151386	20.720	ug/l		99
90) Hexachloroethane	13.877	117	30995	20.674	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	63879	20.327	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3788	18.311	ug/l		91
93) 1,2,4-Trichlorobenzene	14.919	180	36161	21.098	ug/l		98
94) Hexachlorobutadiene	15.023	225	21601	22.834	ug/l		95
95) Naphthalene	15.145	128	62008	18.852	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	30902	21.038	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022654.D
Acq On : 11 Jun 2025 11:01
Operator : SY/MD
Sample : VY0611SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 12 05:03:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

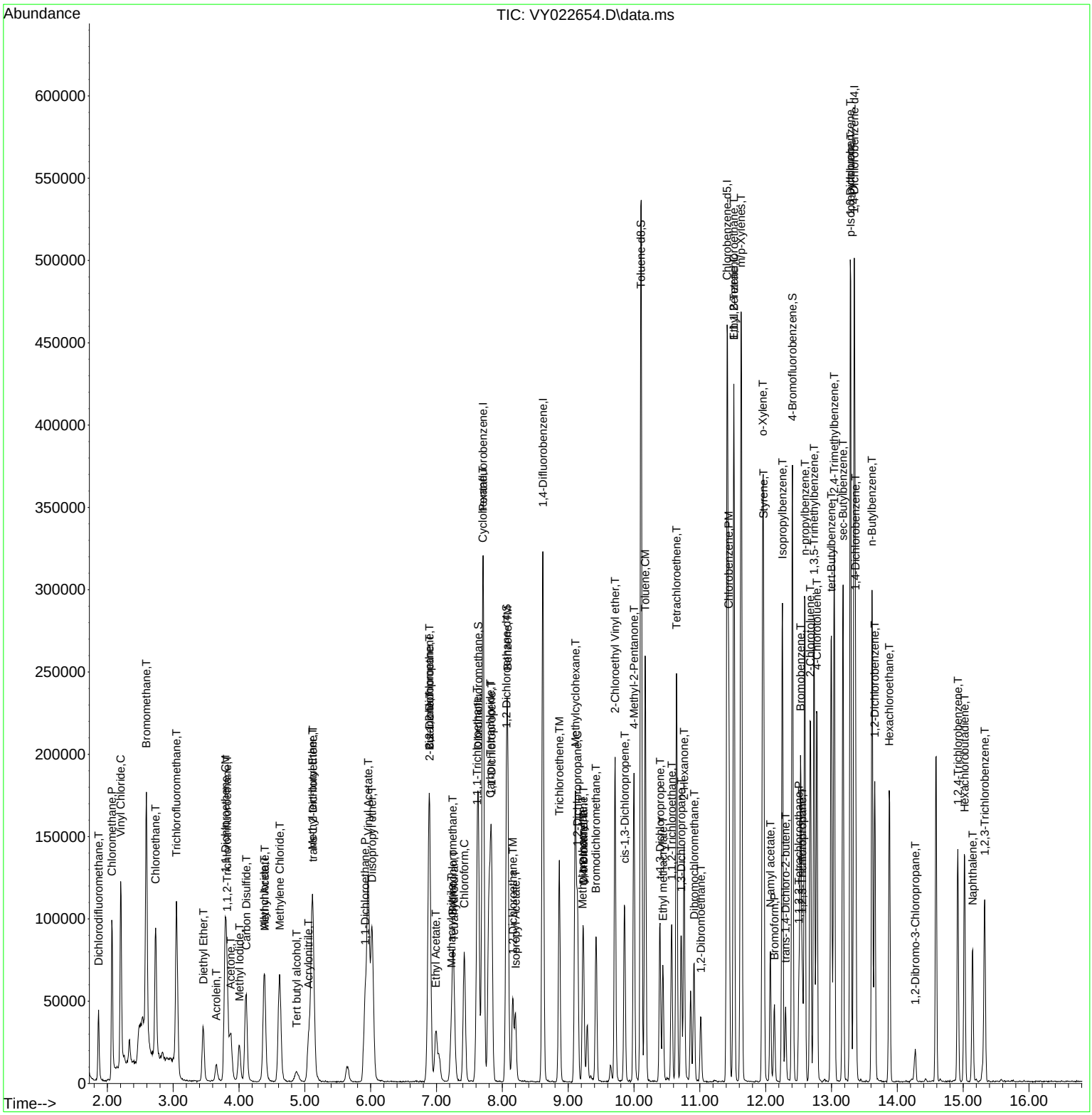
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022654.D
Acq On : 11 Jun 2025 11:01
Operator : SY/MD
Sample : VY0611SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

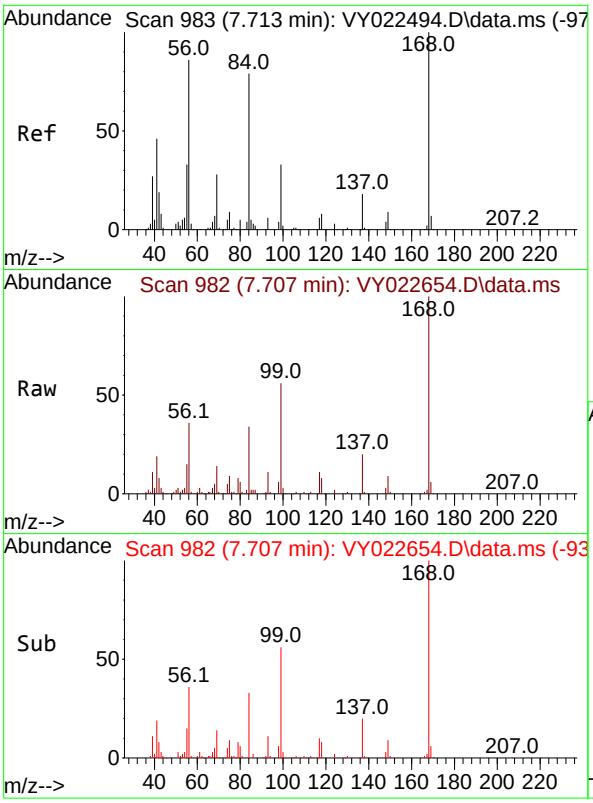
Quant Time: Jun 12 05:03:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

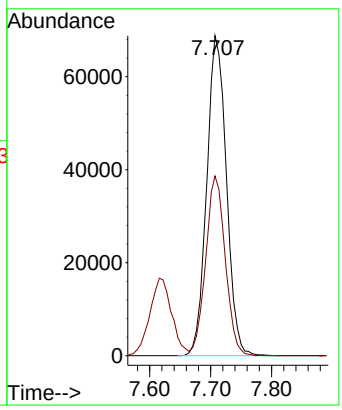




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:168 Resp: 15437

Ion	Ratio	Lower	Upper
168	100		
99	56.1	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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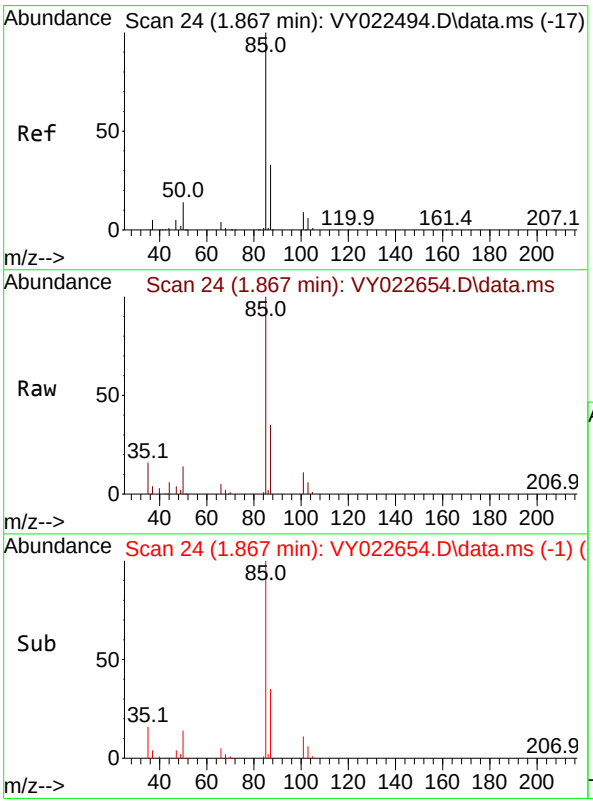
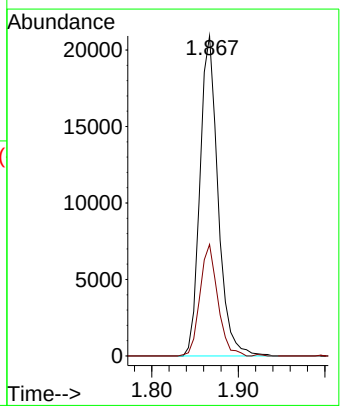
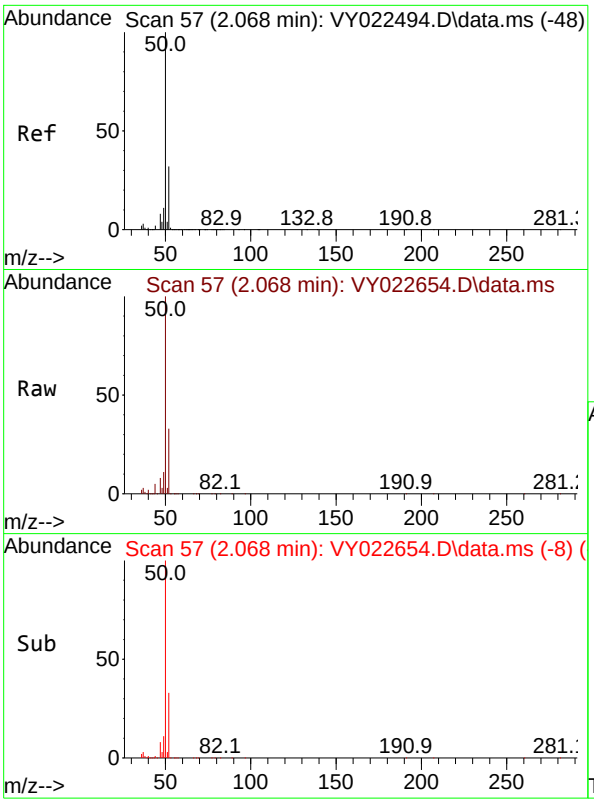


#2
Dichlorodifluoromethane
Concen: 21.962 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 85 Resp: 30354

Ion	Ratio	Lower	Upper
85	100		
87	34.9	16.7	50.0

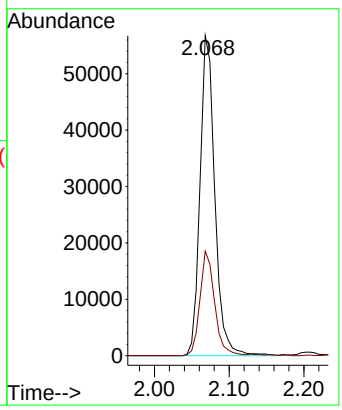




#3
Chloromethane
Concen: 19.125 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 50 Resp: 7809

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.0	39.0



Instrument :
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ClientSampleId :
VY0611SBS01

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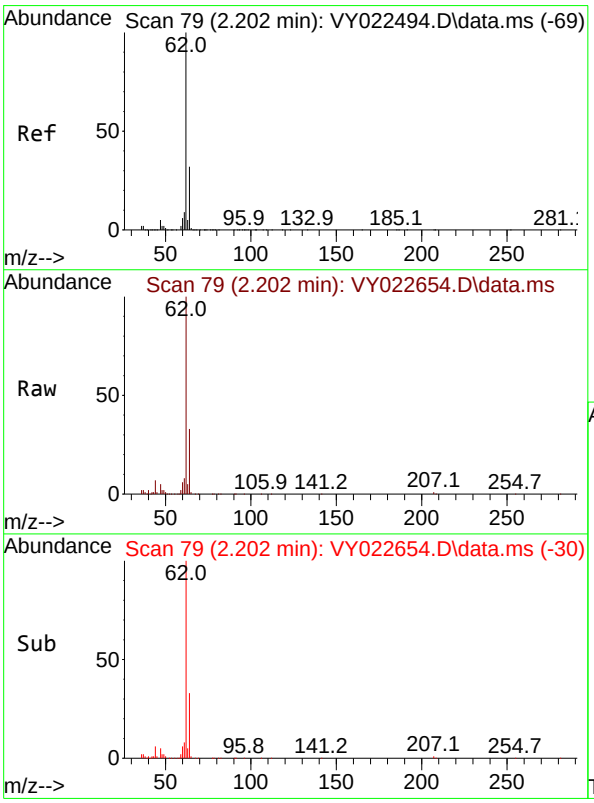
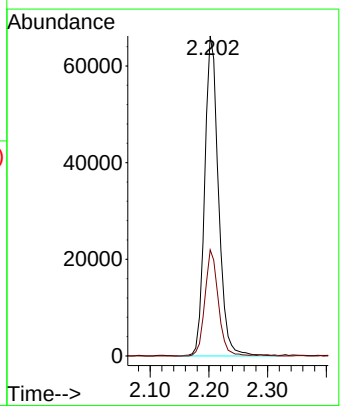
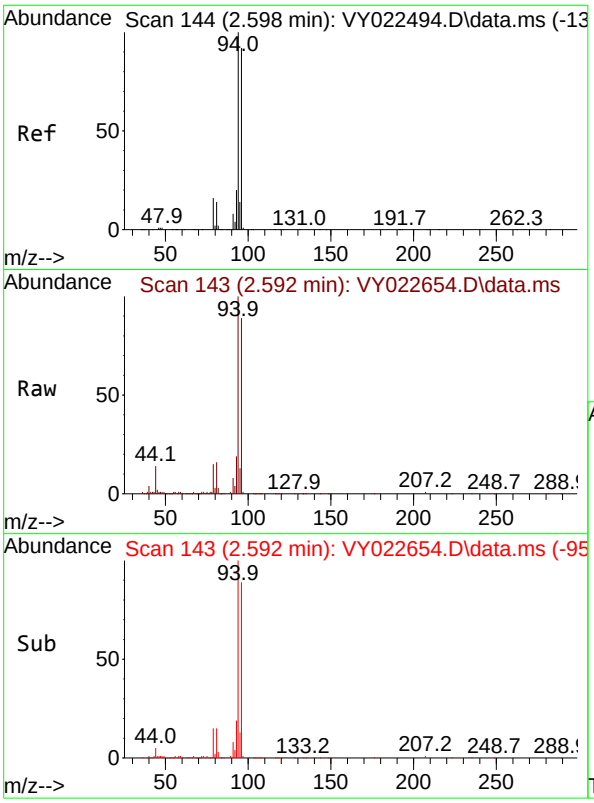


#4
Vinyl Chloride
Concen: 22.795 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 62 Resp: 107977

Ion	Ratio	Lower	Upper
62	100		
64	33.1	25.3	37.9

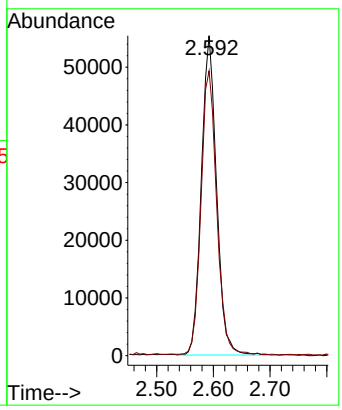




#5
Bromomethane
Concen: 22.674 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 94 Resp: 10293

Ion	Ratio	Lower	Upper
94	100		
96	88.9	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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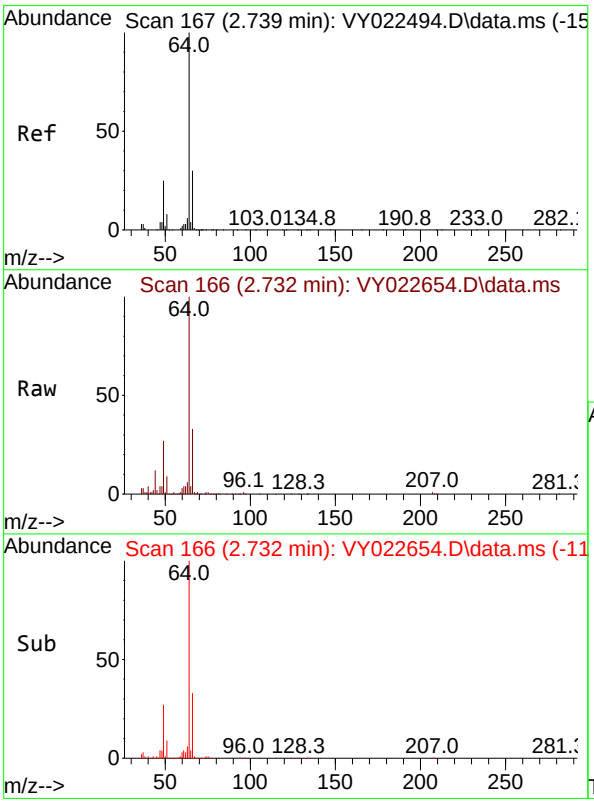
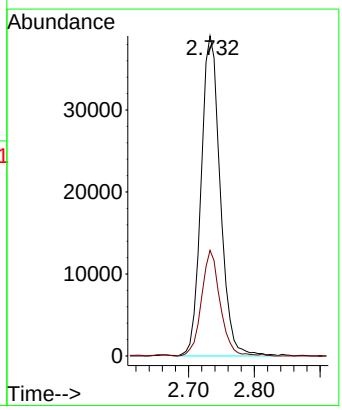
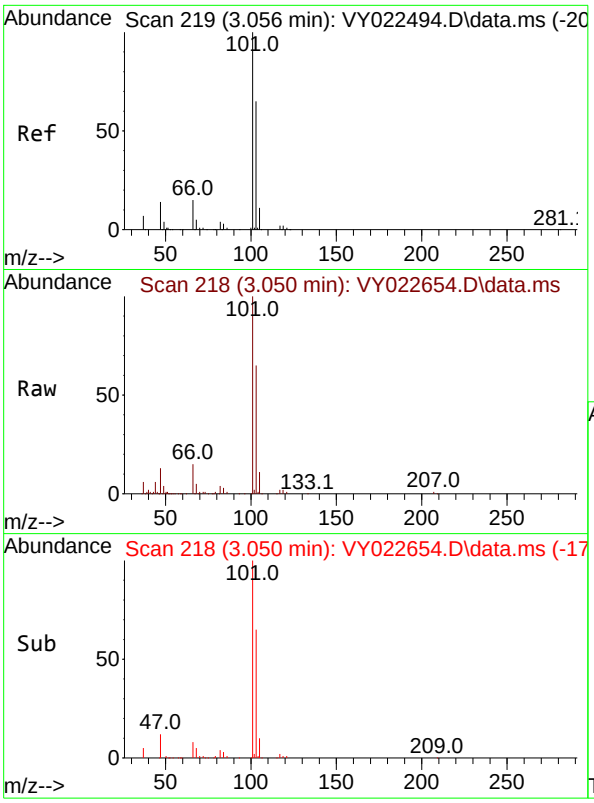


#6
Chloroethane
Concen: 24.287 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 64 Resp: 78962

Ion	Ratio	Lower	Upper
64	100		
66	33.0	23.8	35.6

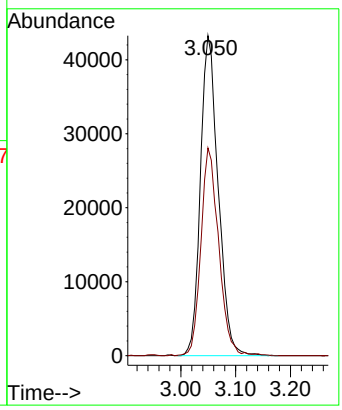




#7
Trichlorofluoromethane
Concen: 24.195 ug/l
RT: 3.050 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:101 Resp: 9729

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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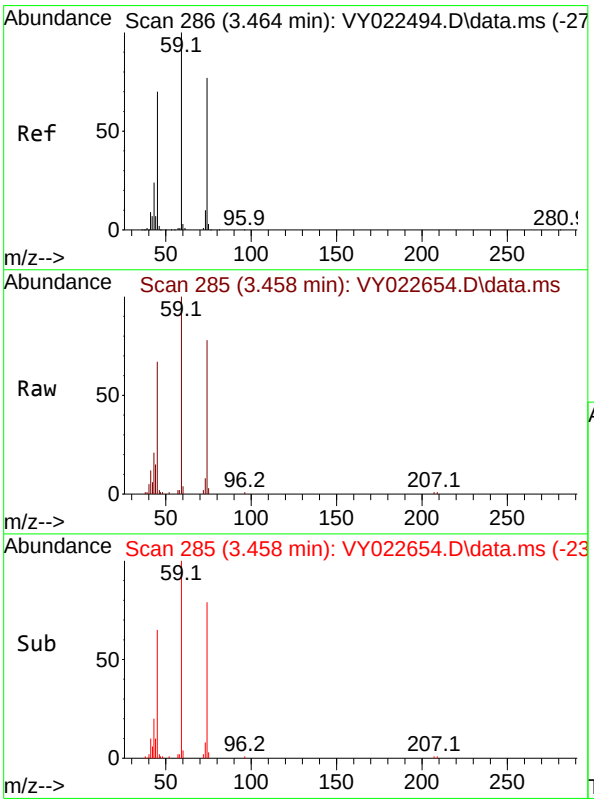
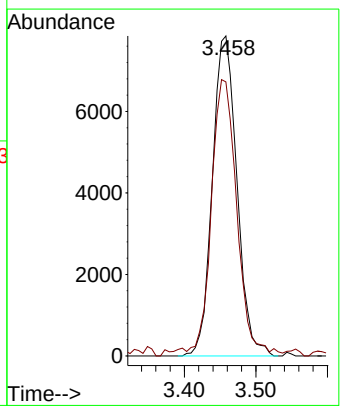
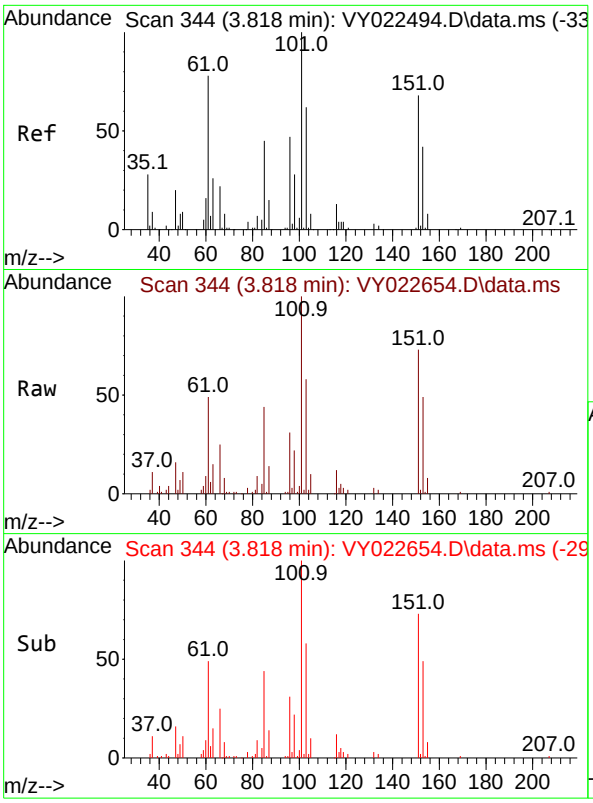


#8
Diethyl Ether
Concen: 20.690 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 74 Resp: 18737

Ion	Ratio	Lower	Upper
74	100		
45	87.3	45.9	137.6

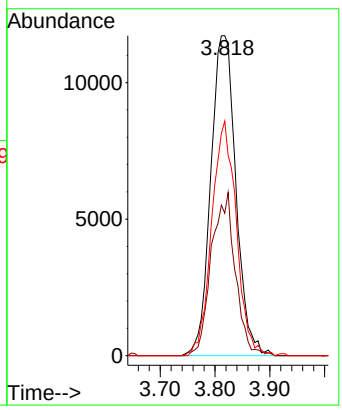




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.075 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:101 Resp: 3738

Ion	Ratio	Lower	Upper
101	100		
85	48.6	39.3	58.9
151	71.4	57.8	86.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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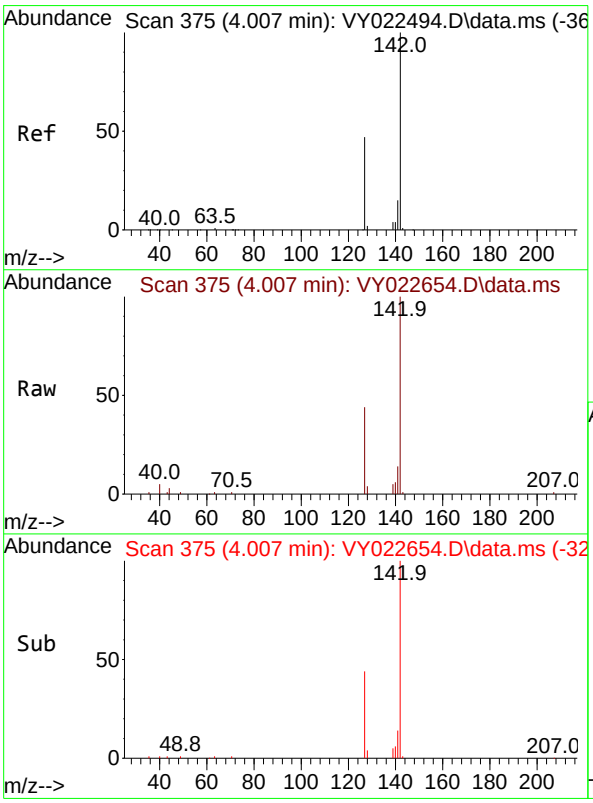
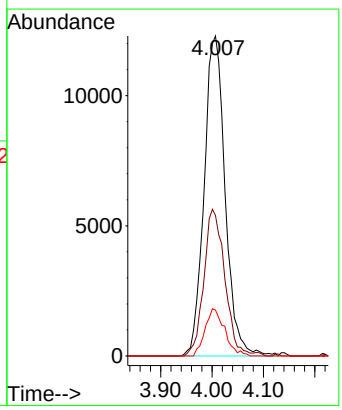
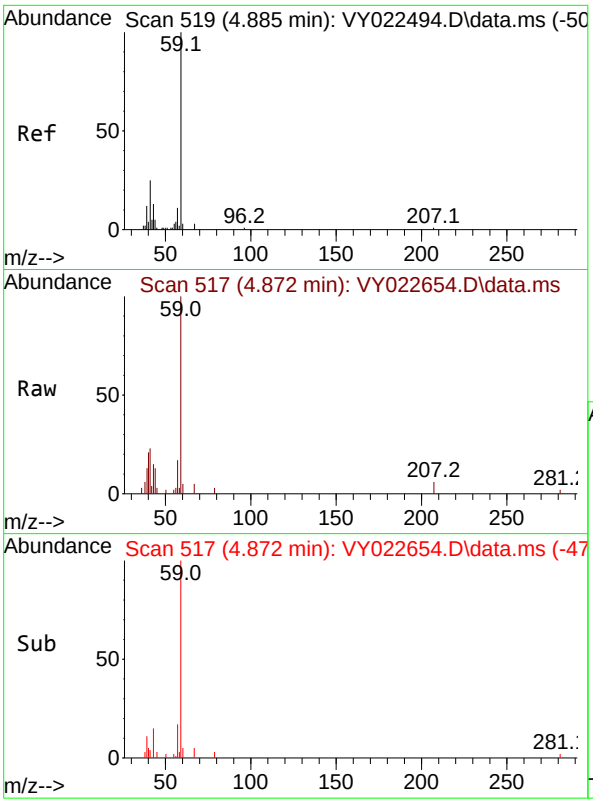


#10
Methyl Iodide
Concen: 19.085 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:142 Resp: 34979

Ion	Ratio	Lower	Upper
142	100		
127	45.5	37.1	55.7
141	13.8	11.4	17.2





#11
Tert butyl alcohol
Concen: 93.074 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 59 Resp: 1147

Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.0	12.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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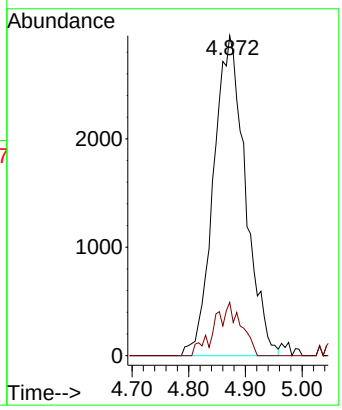
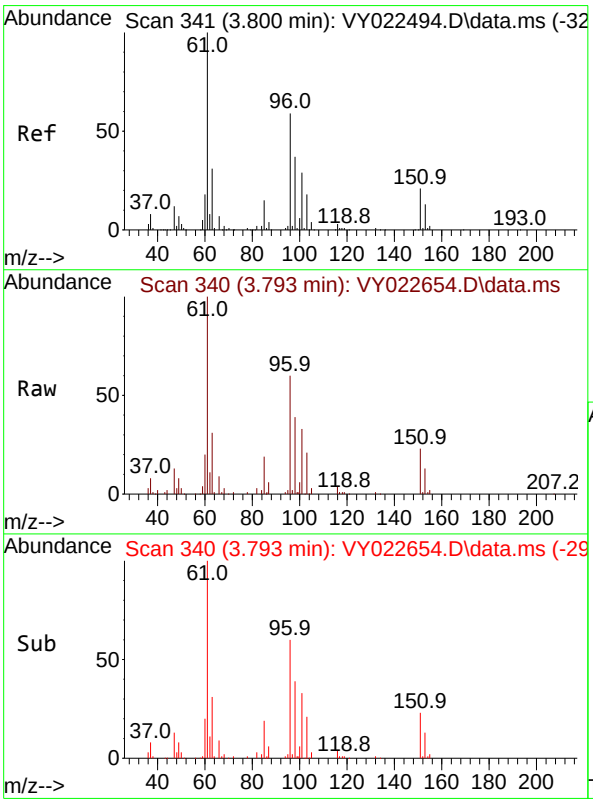
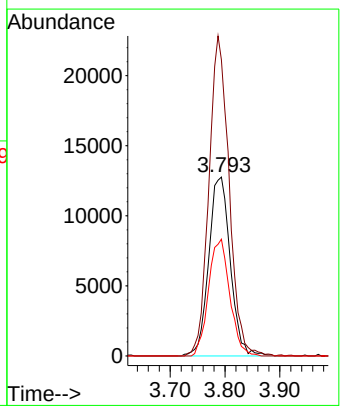


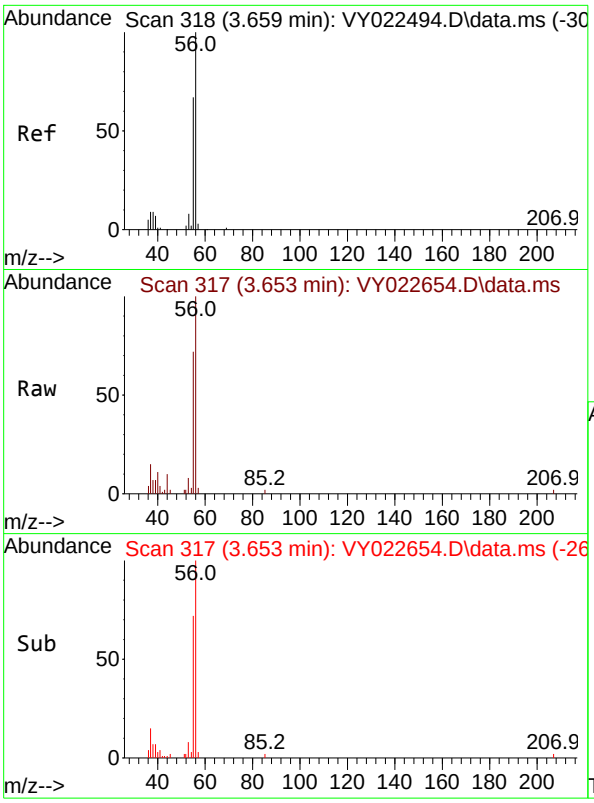


#12
1,1-Dichloroethene
Concen: 21.519 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 96 Resp: 34837

Ion	Ratio	Lower	Upper
96	100		
61	165.6	134.6	201.8
98	65.3	50.2	75.4

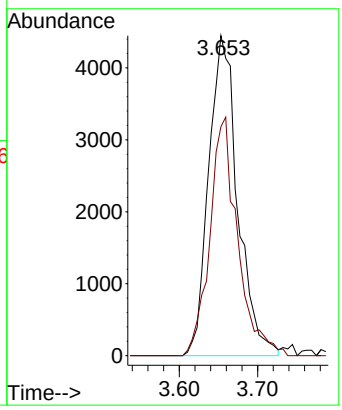




#13
Acrolein
Concen: 74.553 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 56 Resp: 1145

Ion	Ratio	Lower	Upper
56	100		
55	71.3	57.0	85.6



Instrument :
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ClientSampleId :
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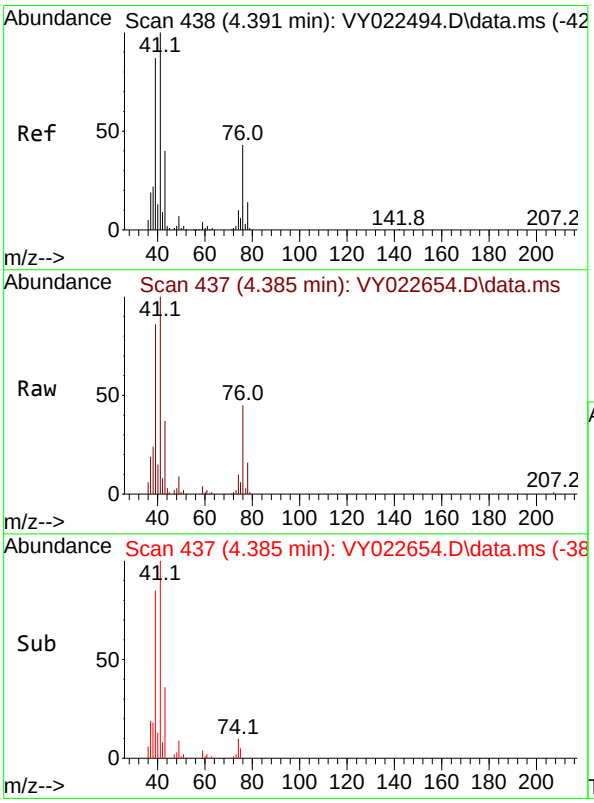
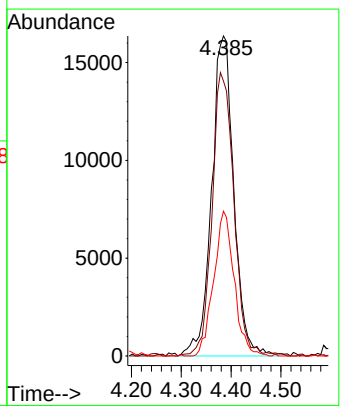
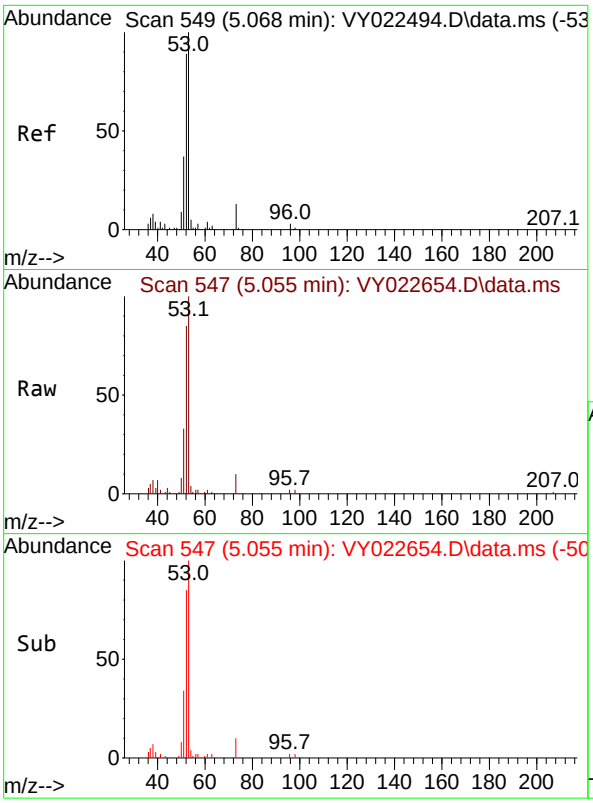


#14
Allyl chloride
Concen: 19.916 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 41 Resp: 50615

Ion	Ratio	Lower	Upper
41	100		
39	87.2	69.1	103.7
76	41.6	33.5	50.3





#15
Acrylonitrile
Concen: 97.728 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 53 Resp: 3748

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	39.1	30.1	45.1

Instrument :
MSVOA_Y
ClientSampleId :
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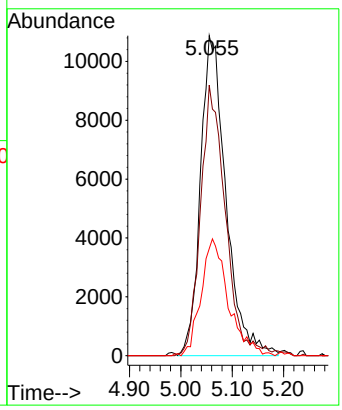
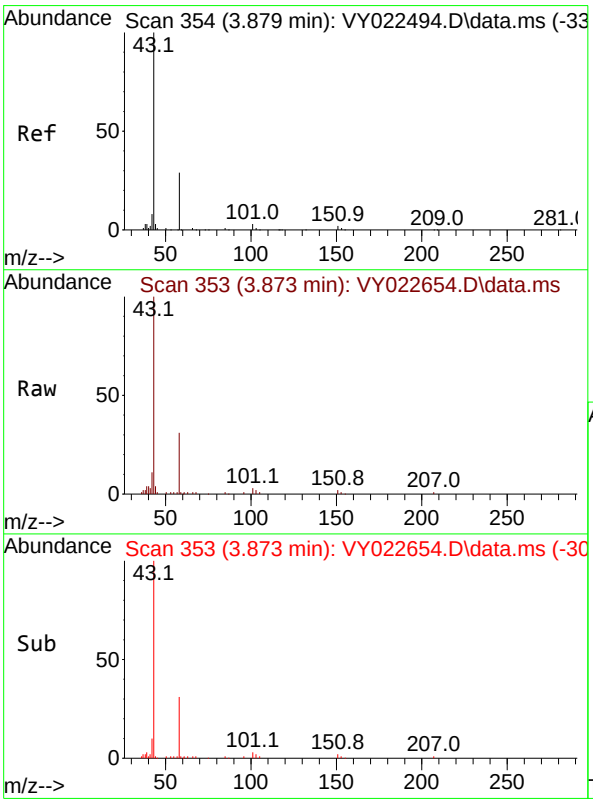
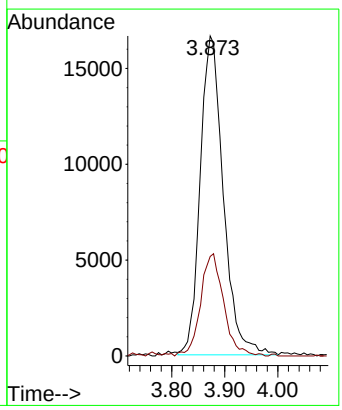


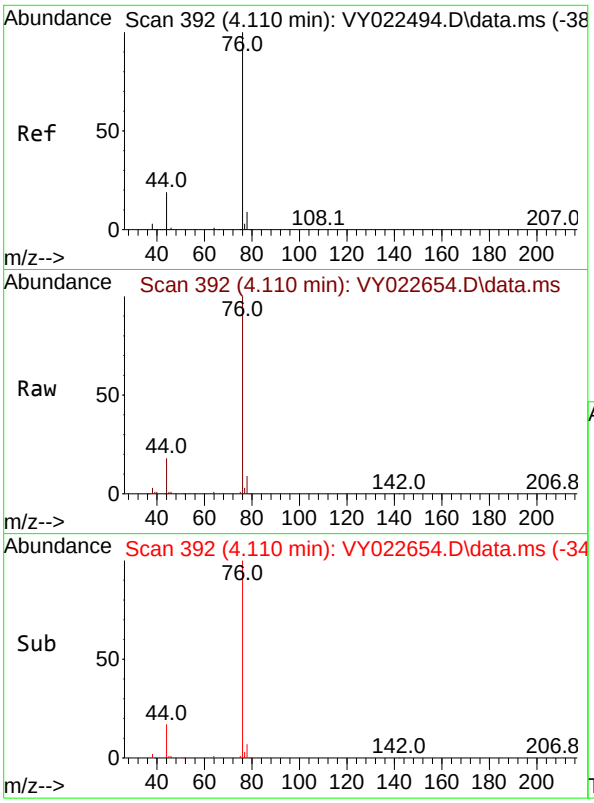


#16
Acetone
Concen: 143.804 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 50425

Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.0	36.0

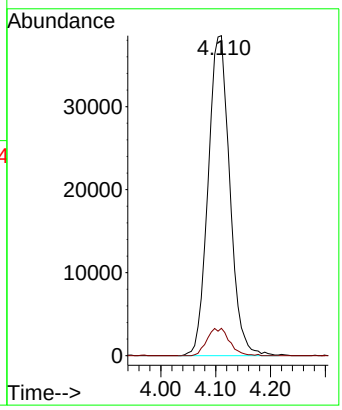




#17
Carbon Disulfide
Concen: 20.400 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 76 Resp: 10573

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
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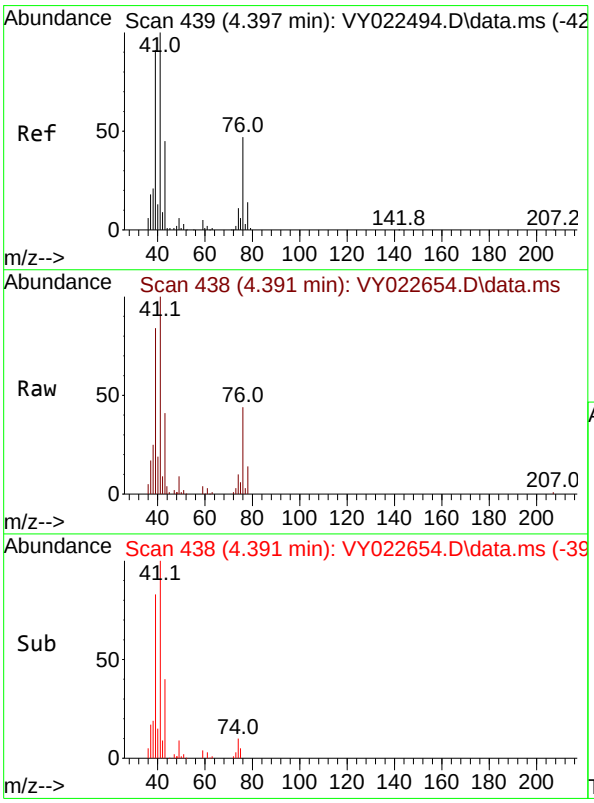
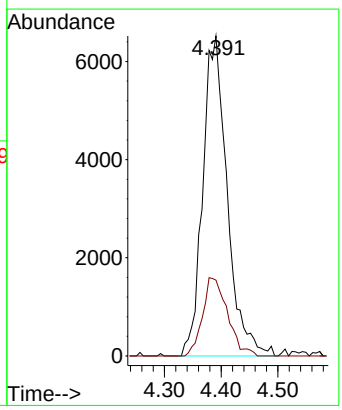
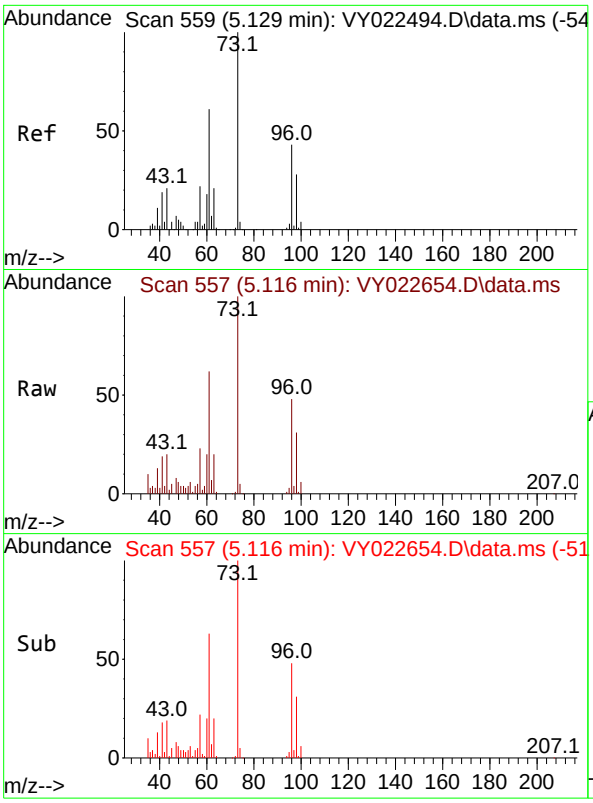


#18
Methyl Acetate
Concen: 18.779 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 19500

Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.8	29.6

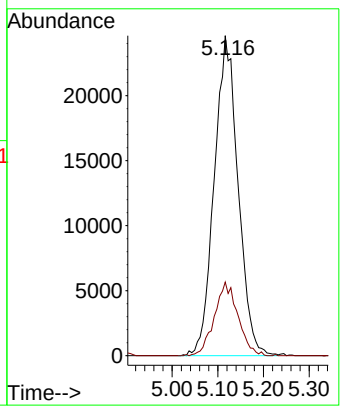




#19
Methyl tert-butyl Ether
Concen: 19.547 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 73 Resp: 8913

Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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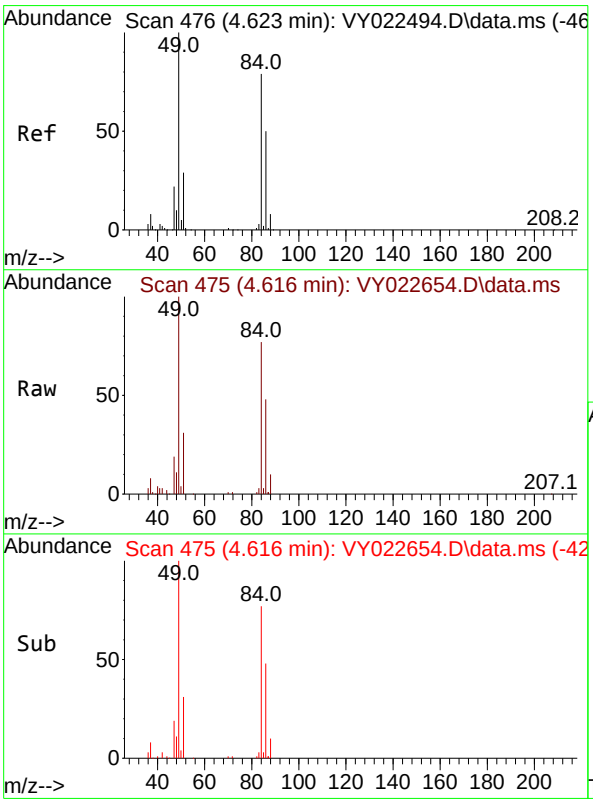
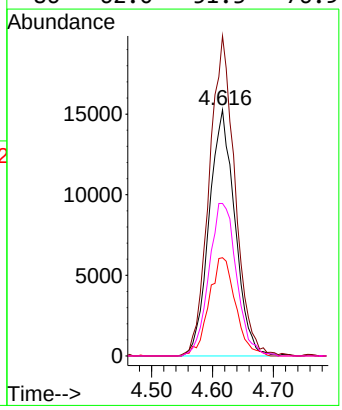
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

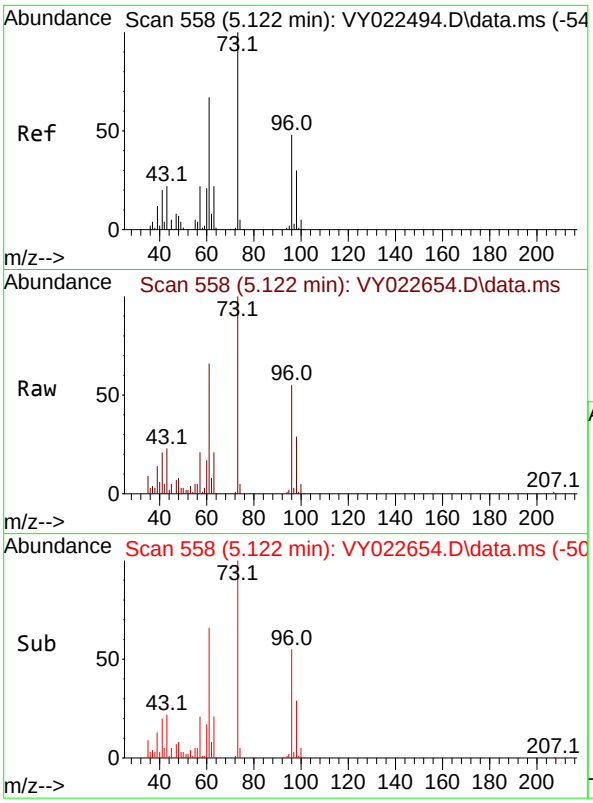


#20
Methylene Chloride
Concen: 22.579 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 84 Resp: 44974

Ion	Ratio	Lower	Upper
84	100		
49	130.0	101.9	152.9
51	39.9	29.8	44.8
86	62.0	51.3	76.9

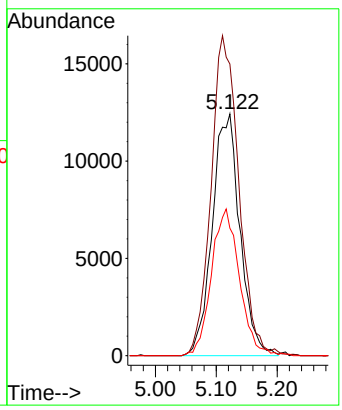




#21
trans-1,2-Dichloroethene
Concen: 21.591 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 96 Resp: 3912

Ion	Ratio	Lower	Upper
96	100		
61	120.7	112.6	169.0
98	52.8	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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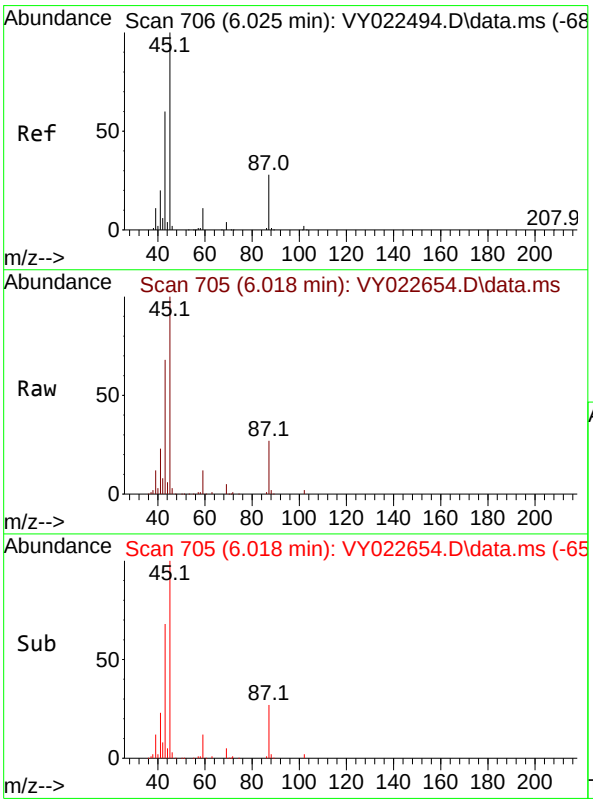
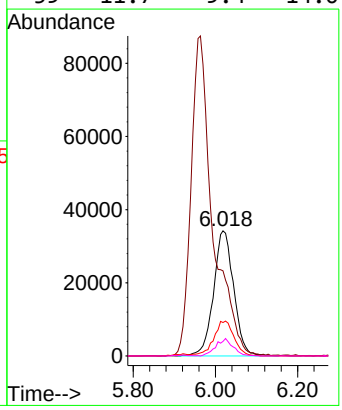
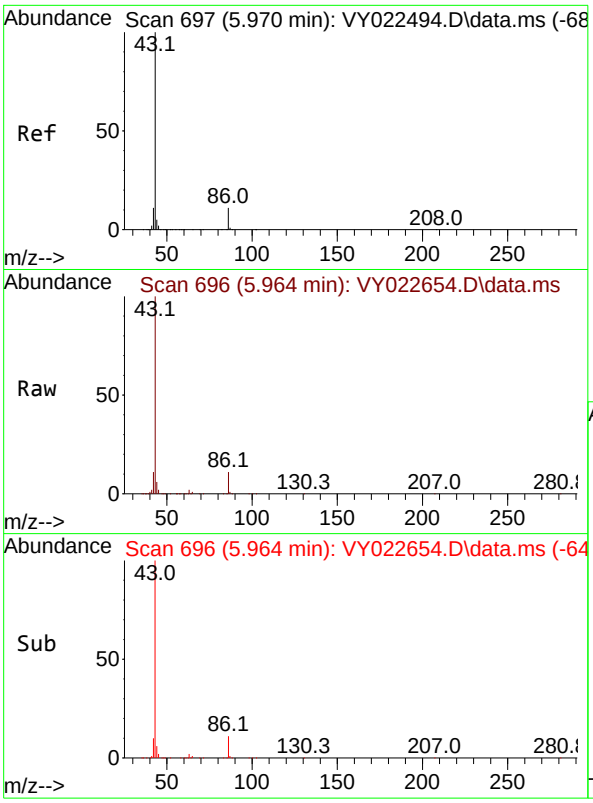


#22
Diisopropyl ether
Concen: 20.583 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 45 Resp: 116438

Ion	Ratio	Lower	Upper
45	100		
43	67.2	48.3	72.5
87	26.8	23.0	34.6
59	11.7	9.4	14.0





#23
Vinyl Acetate
Concen: 95.409 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 31945

Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
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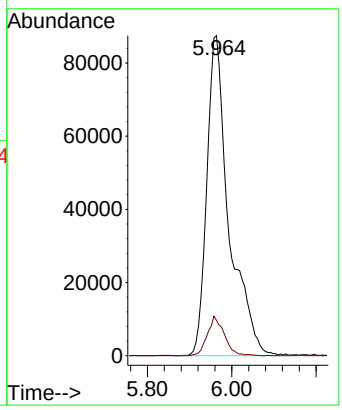
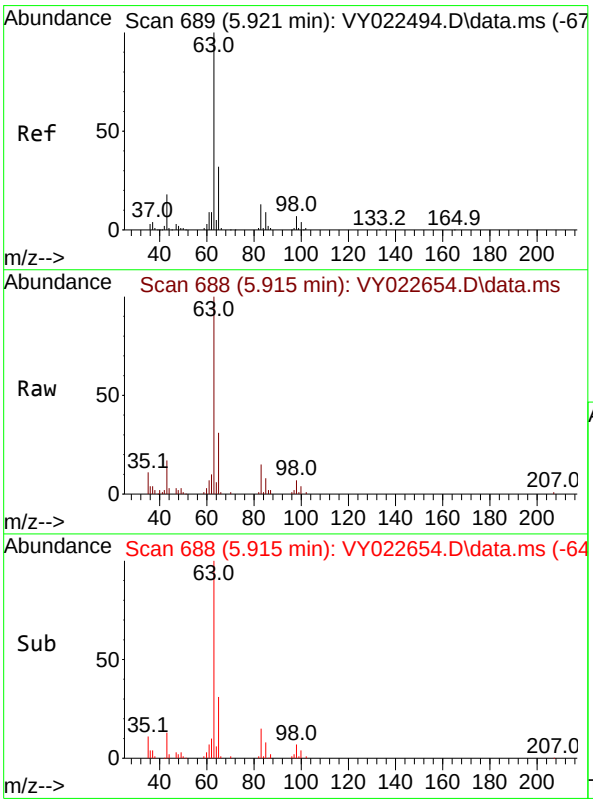
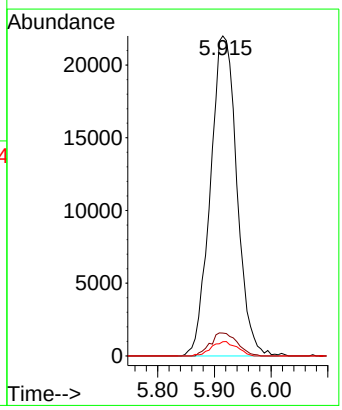


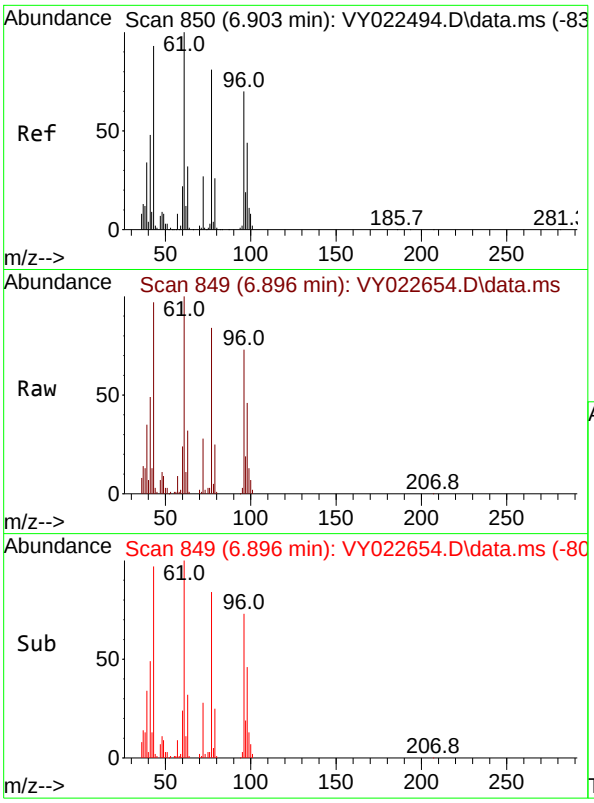


#24
1,1-Dichloroethane
Concen: 21.448 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 63 Resp: 71477

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.1
100	4.5	2.1	6.3





#25
2-Butanone
Concen: 117.002 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 5917

Ion	Ratio	Lower	Upper
43	100		
72	28.6	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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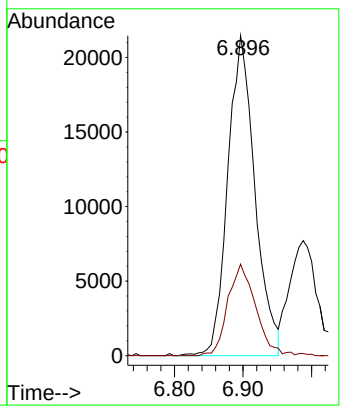
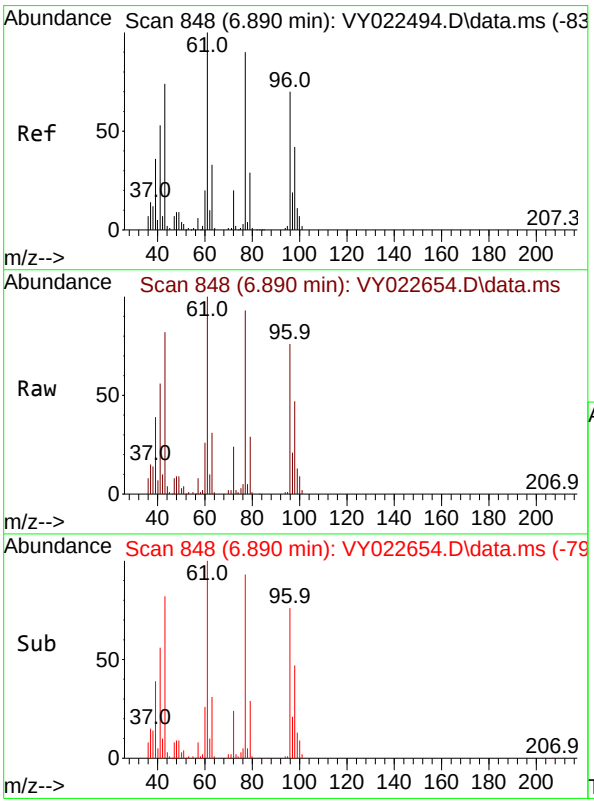
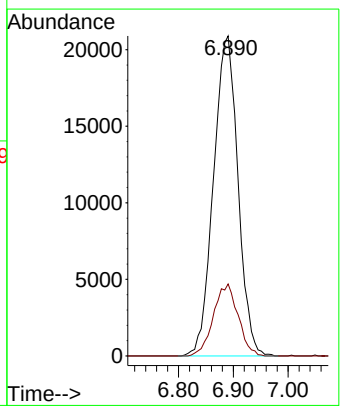


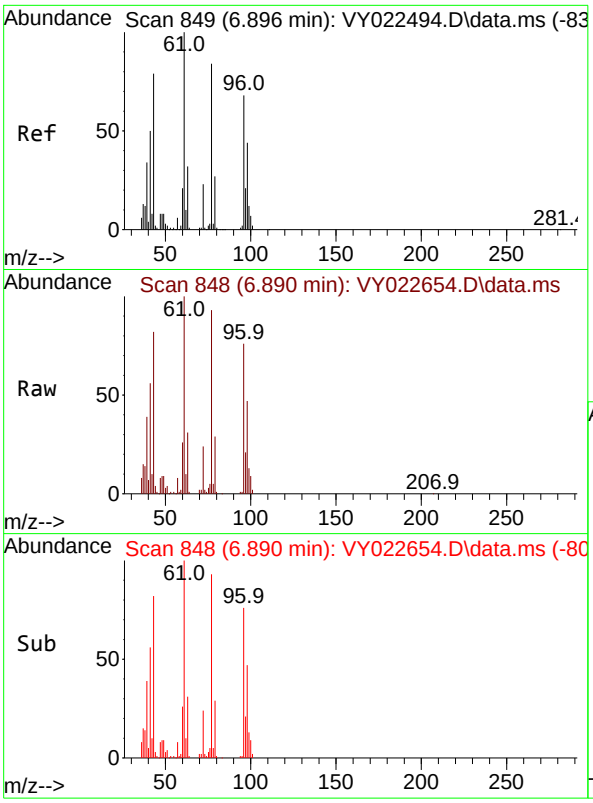


#26
2,2-Dichloropropane
Concen: 22.014 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 77 Resp: 64822

Ion	Ratio	Lower	Upper
77	100		
97	22.6	11.4	34.2

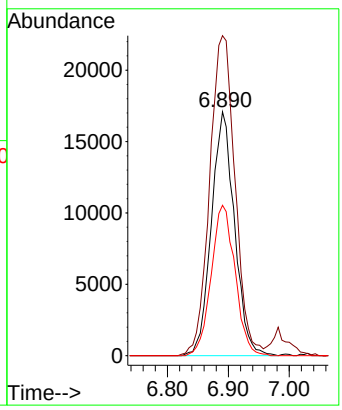




#27
cis-1,2-Dichloroethene
Concen: 21.542 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 96 Resp: 4511

Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	290.0
98	63.6	0.0	128.4



Instrument :
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ClientSampleId :
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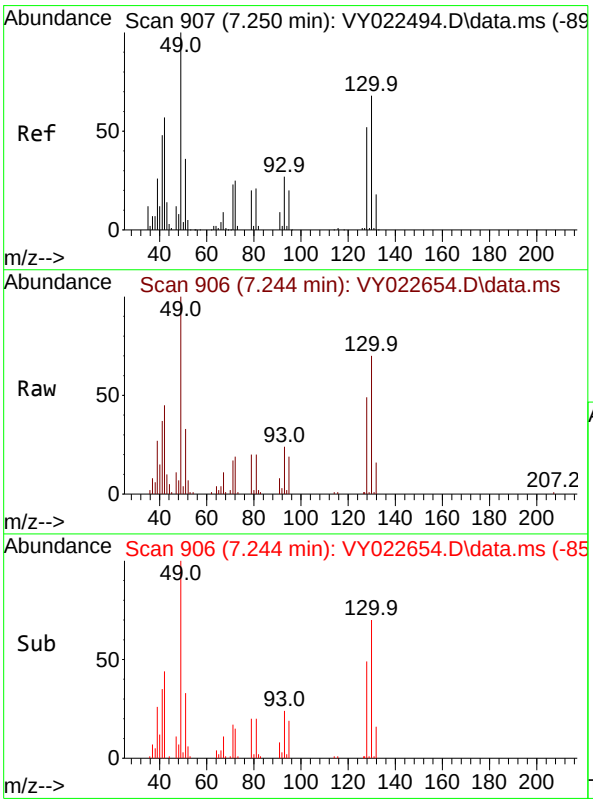
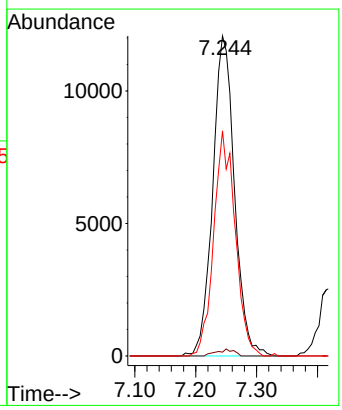
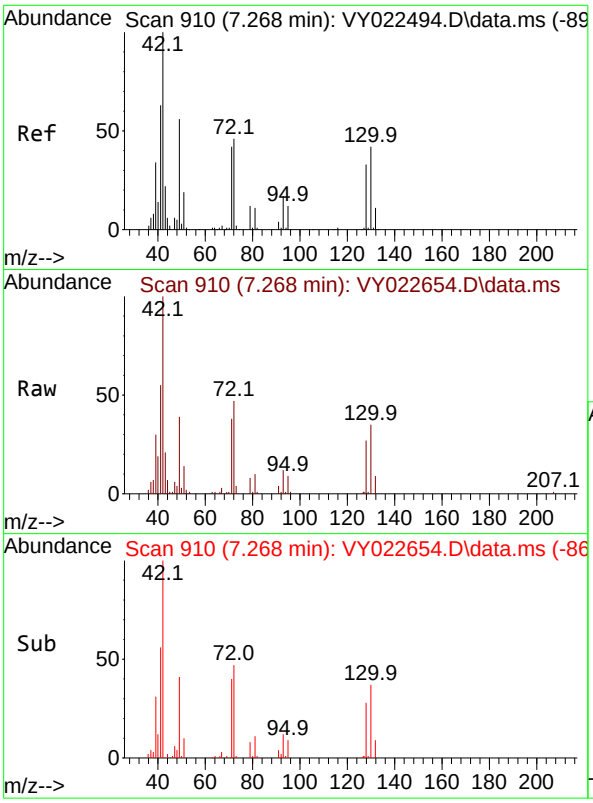


#28
Bromochloromethane
Concen: 20.607 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 49 Resp: 29937

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	69.2	55.7	83.5





#29
Tetrahydrofuran
Concen: 92.970 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 42 Resp: 3032

Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.4	56.2
71	43.6	34.2	51.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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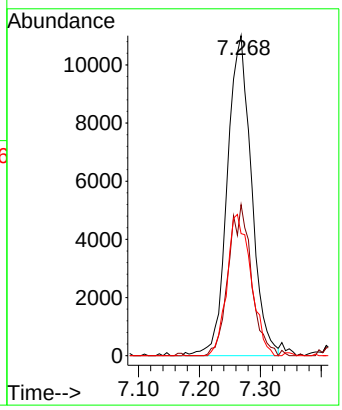
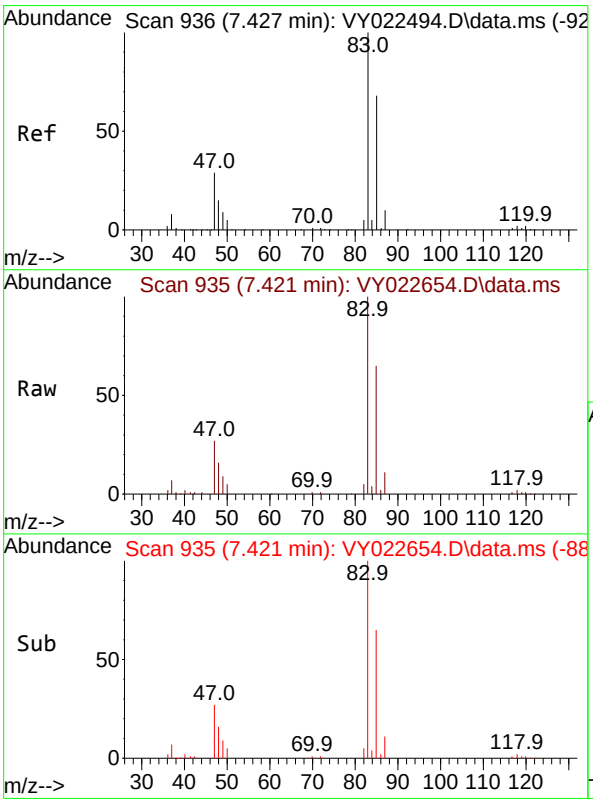
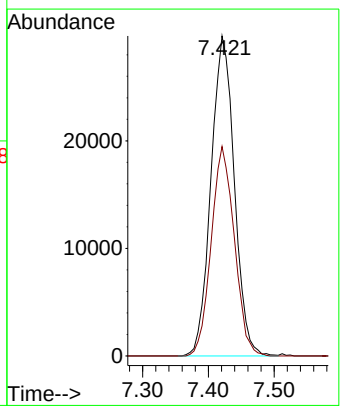


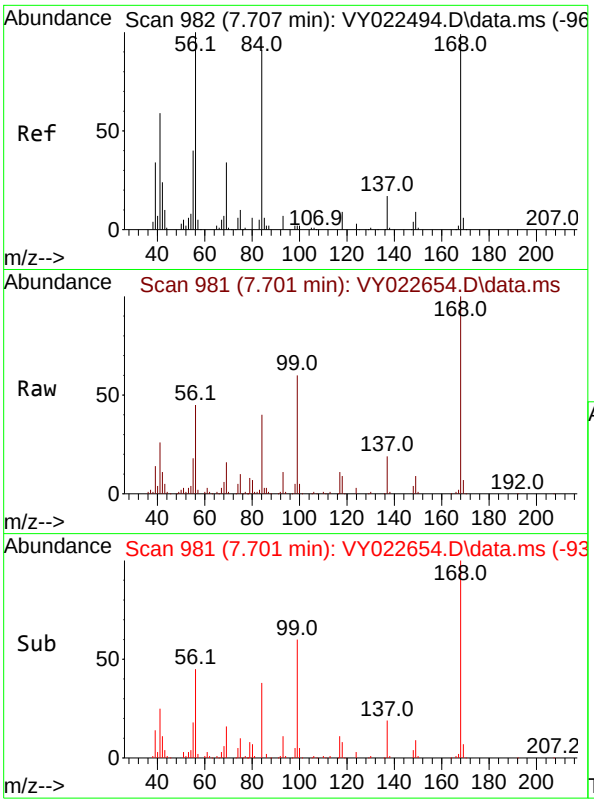


#30
Chloroform
Concen: 22.269 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 83 Resp: 73510

Ion	Ratio	Lower	Upper
83	100		
85	65.5	54.2	81.4





#31
Cyclohexane
Concen: 19.860 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 56 Resp: 6589

Ion	Ratio	Lower	Upper
56	100		
69	34.4	27.0	40.6
84	88.2	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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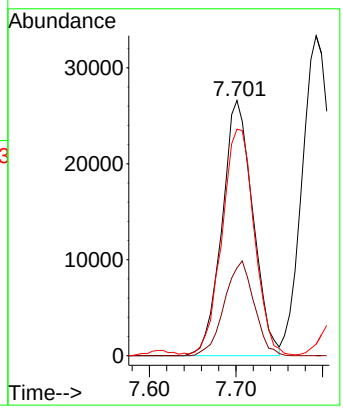
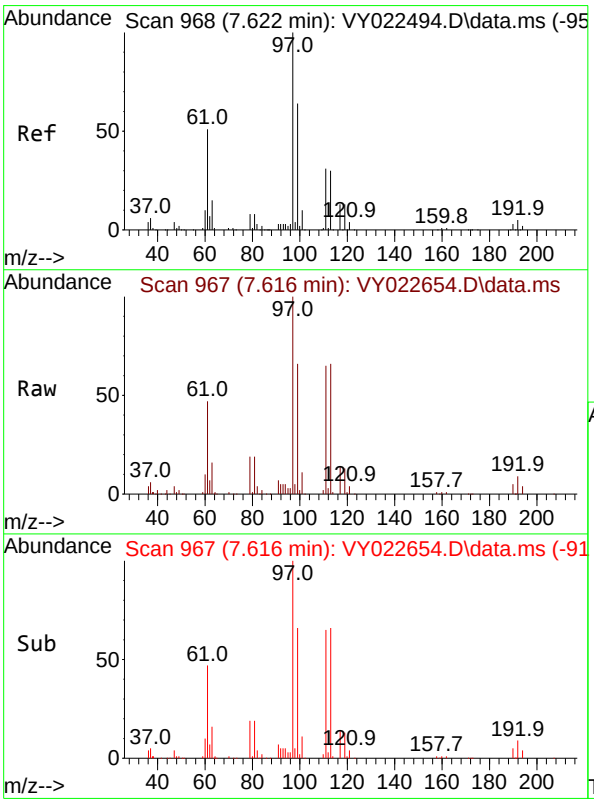
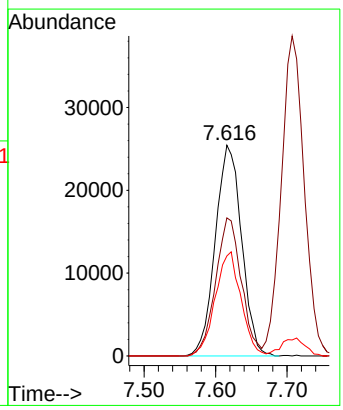


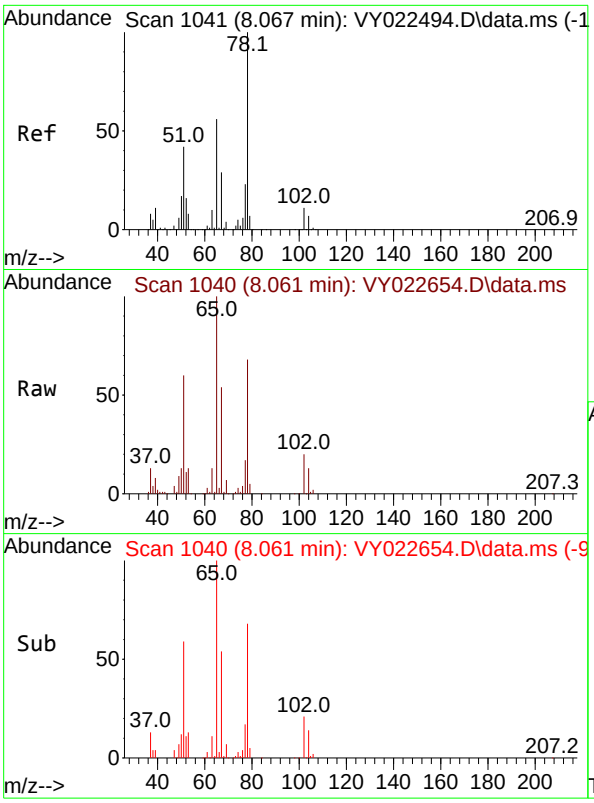


#32
1,1,1-Trichloroethane
Concen: 22.208 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 97 Resp: 65077

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.9	76.3
61	48.5	38.5	57.7

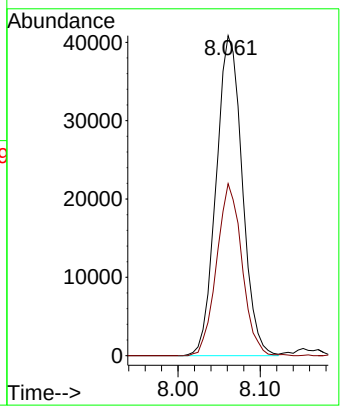




#33
1,2-Dichloroethane-d4
Concen: 52.150 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 65 Resp: 9004

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
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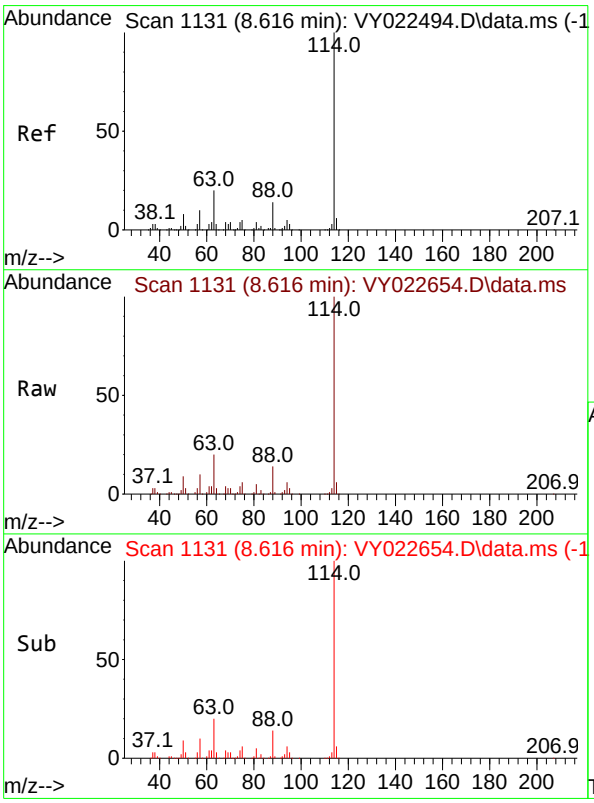
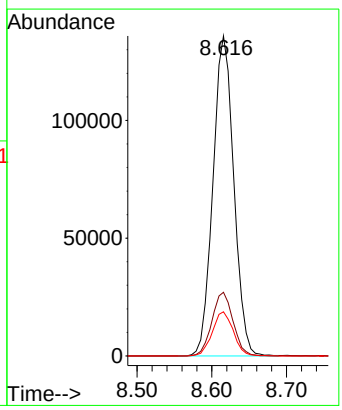
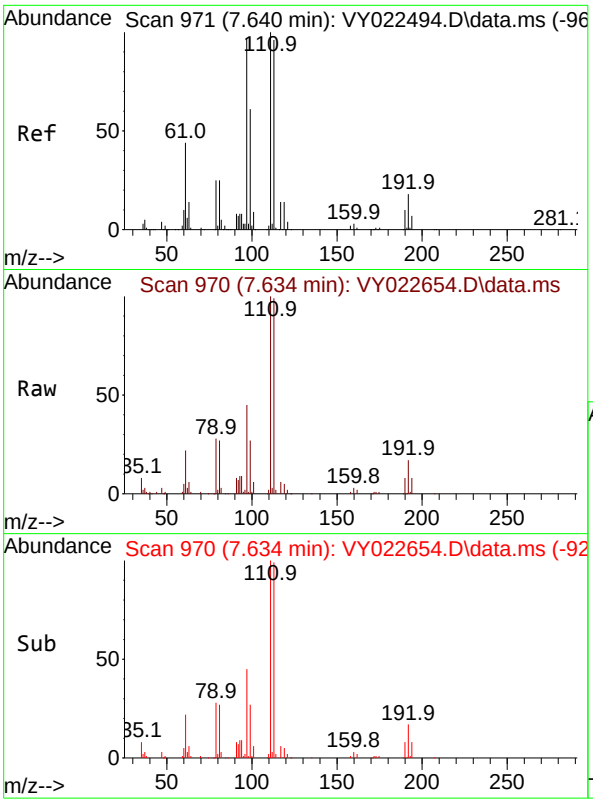


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:114 Resp: 263261

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	13.8	0.0	27.8

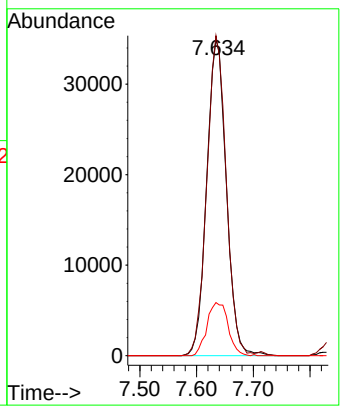




#35
Dibromofluoromethane
Concen: 53.345 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:113 Resp: 8382

Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.1	121.7
192	18.0	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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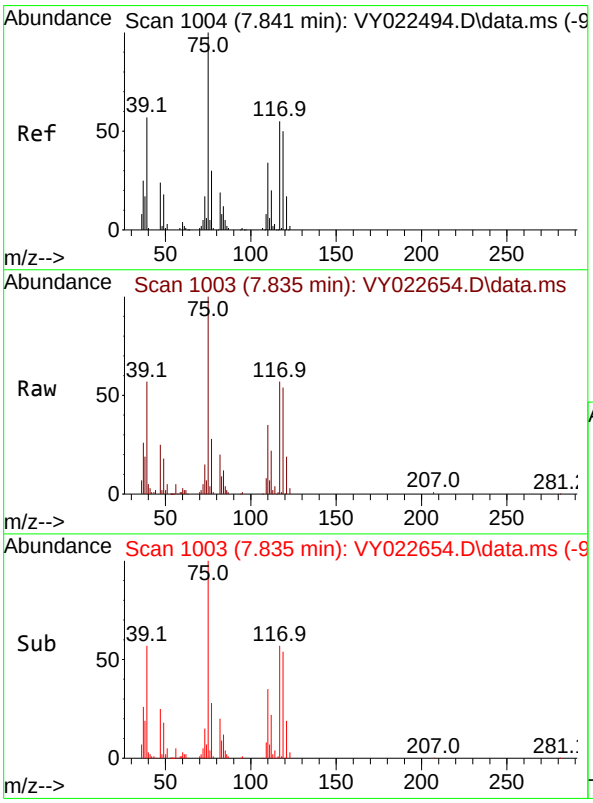
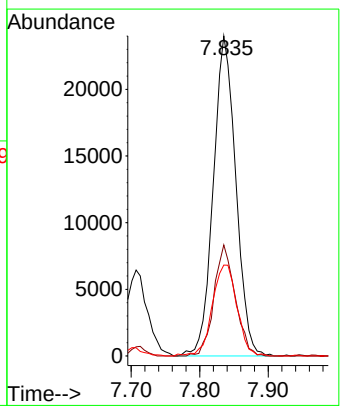
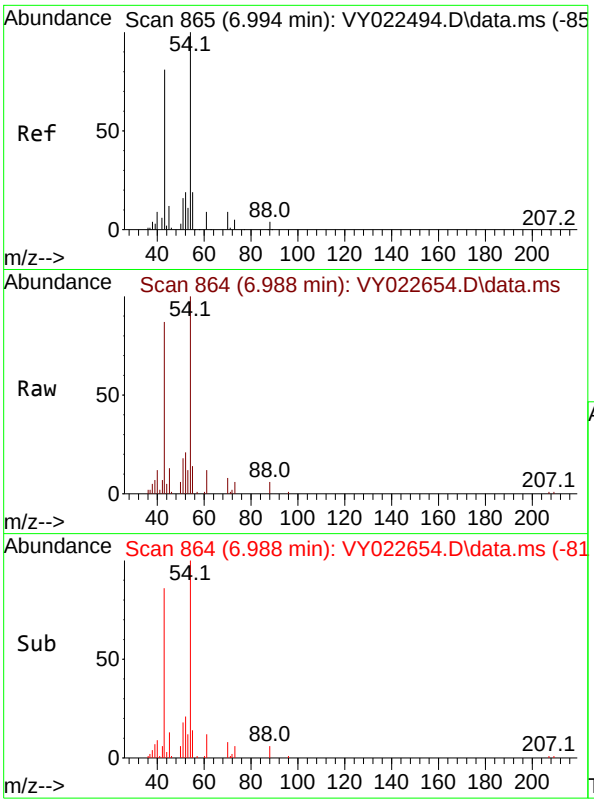


#36
1,1-Dichloropropene
Concen: 21.470 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 54754

Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.9	50.7
77	31.2	24.8	37.2

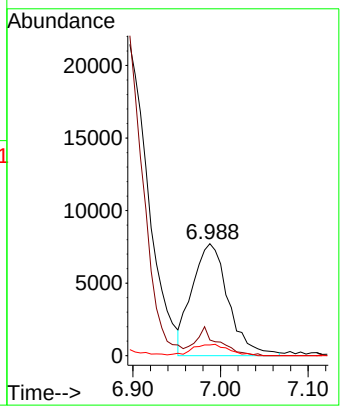




#37
Ethyl Acetate
Concen: 19.483 ug/l m
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 2215

Ion	Ratio	Lower	Upper
43	100		
61	16.3	11.5	17.3
70	10.3	7.2	10.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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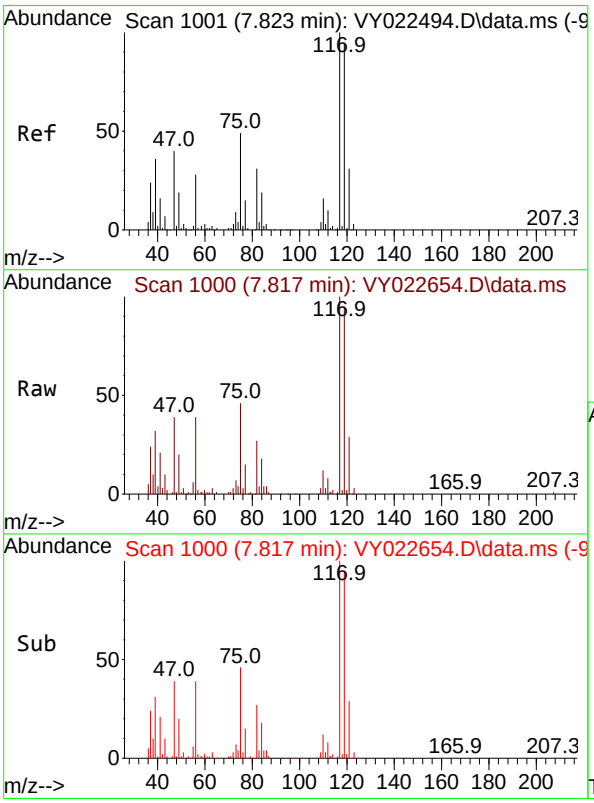
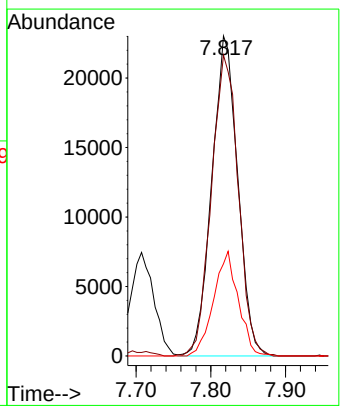
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

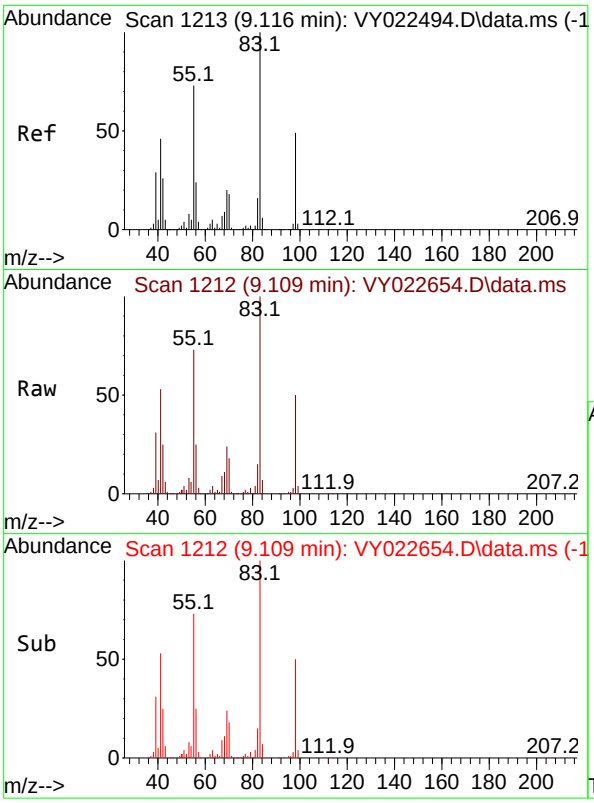


#38
Carbon Tetrachloride
Concen: 21.227 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:117 Resp: 55534

Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.0	112.6
121	28.8	25.0	37.4





#39
Methylcyclohexane
Concen: 19.873 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 83 Resp: 6810

Ion	Ratio	Lower	Upper
83	100		
55	73.5	58.1	87.1
98	50.4	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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Reviewed By :Mahesh Dadoda 06/12/2025
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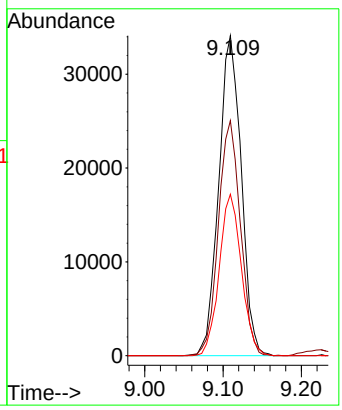
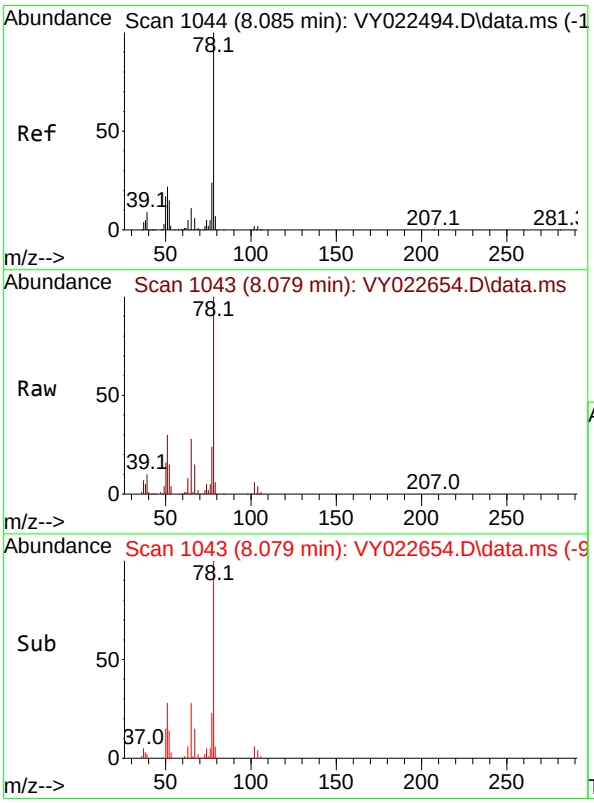
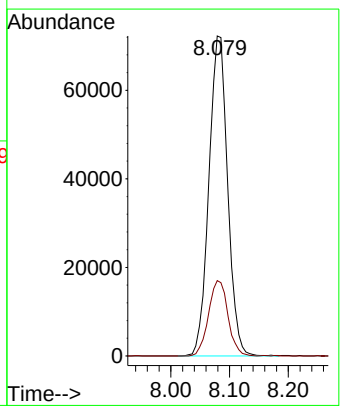


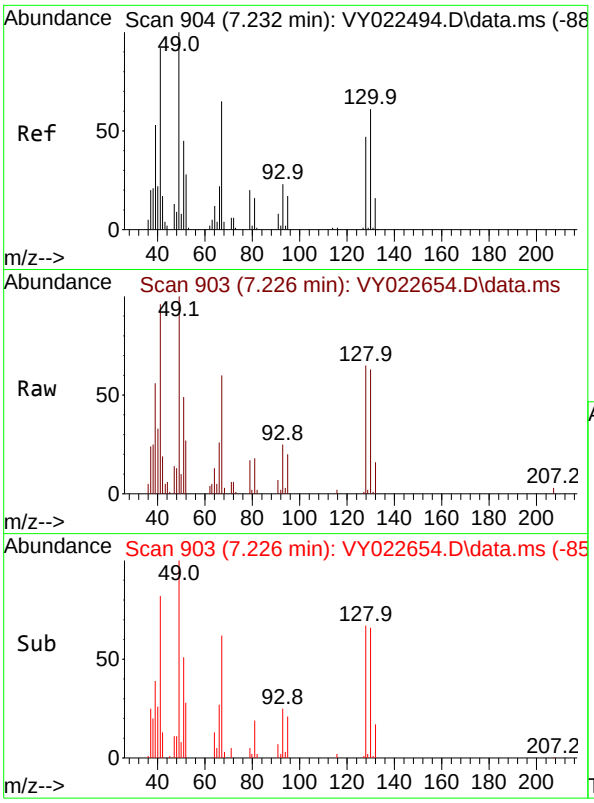


#40
Benzene
Concen: 21.236 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 78 Resp: 159964

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9

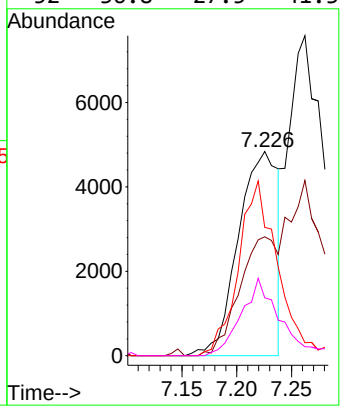




#41
Methacrylonitrile
Concen: 18.275 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 41 Resp: 1214

Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.6	69.8
67	84.8	63.3	94.9
52	36.8	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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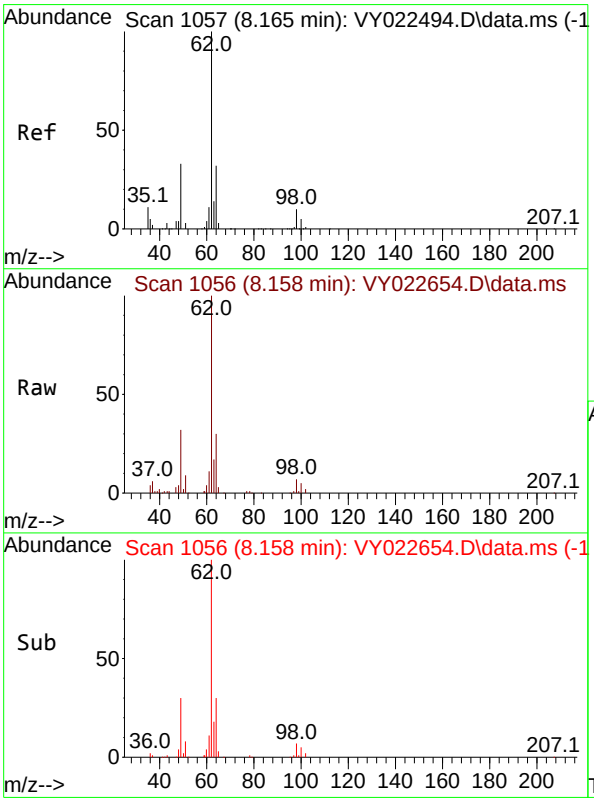
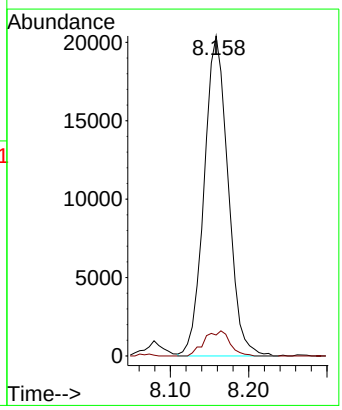
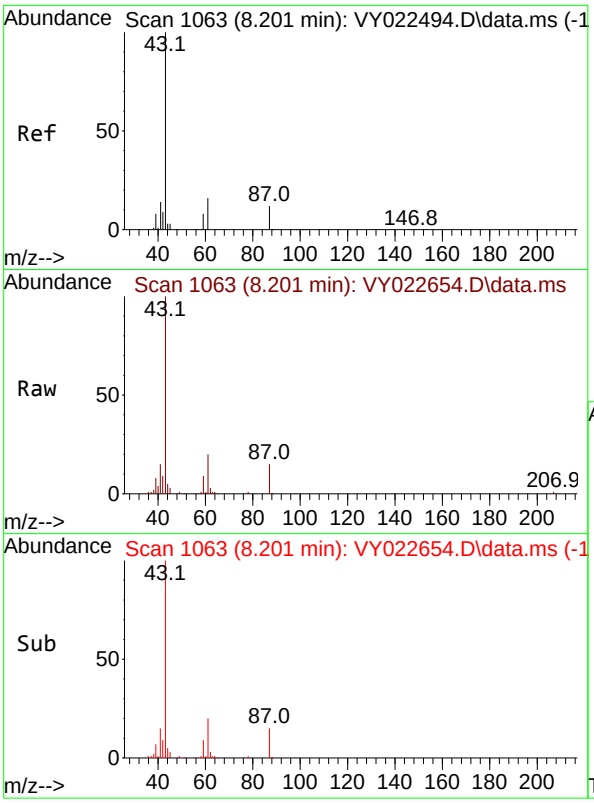


#42
1,2-Dichloroethane
Concen: 21.094 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 62 Resp: 43385

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	19.2





#43
Isopropyl Acetate
Concen: 18.355 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 4508

Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.6	23.4
87	13.6	10.2	15.4

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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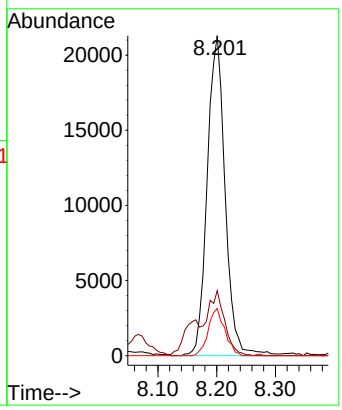
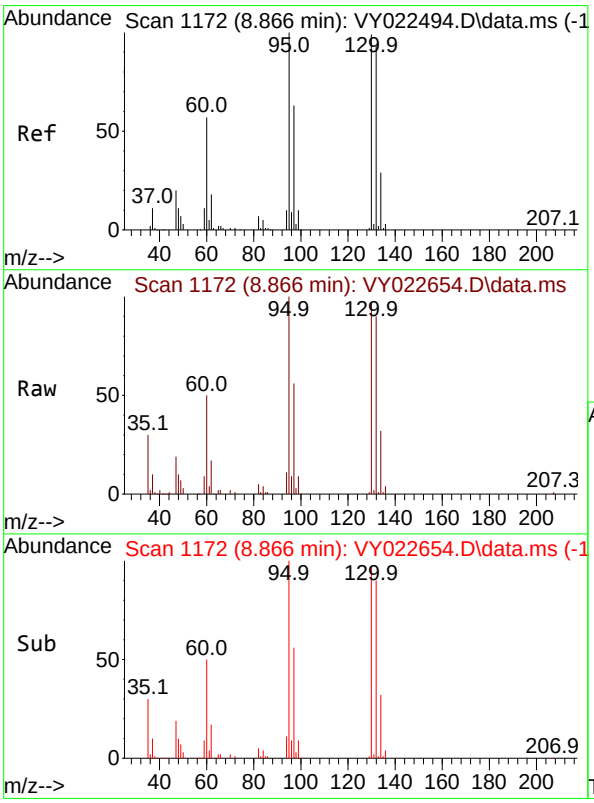
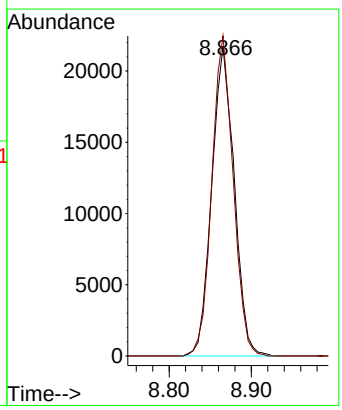


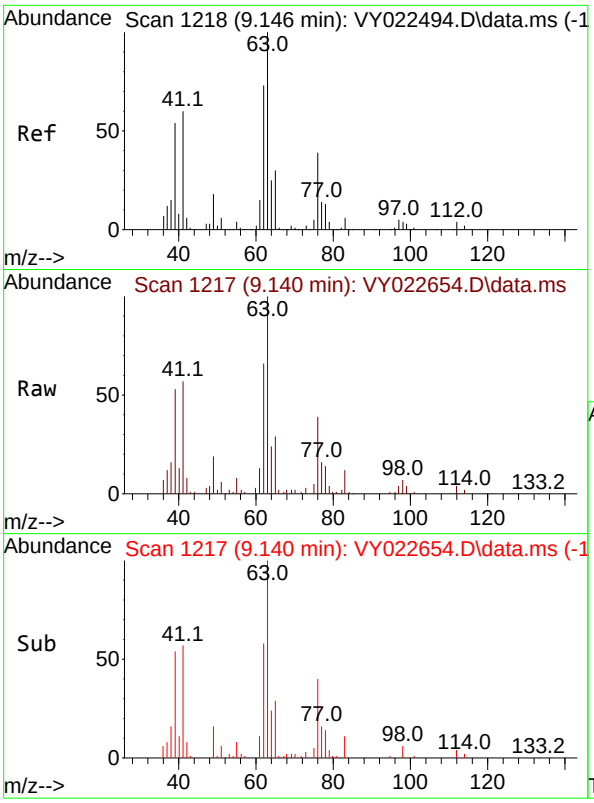


#44
Trichloroethene
Concen: 22.364 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:130 Resp: 41172

Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	203.0

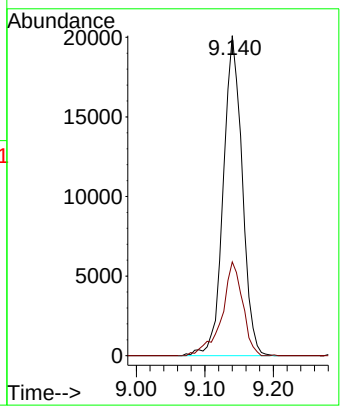




#45
1,2-Dichloropropane
Concen: 21.609 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 63 Resp: 3846

Ion	Ratio	Lower	Upper
63	100		
65	29.3	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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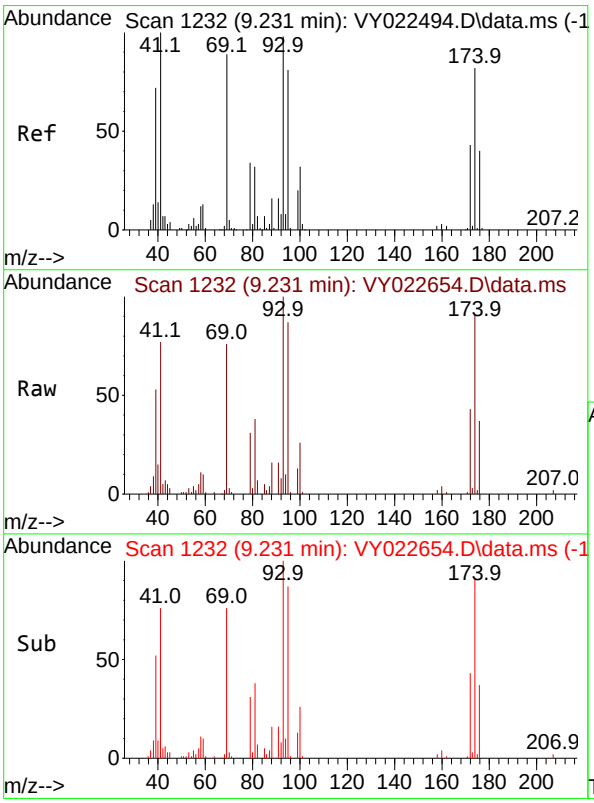
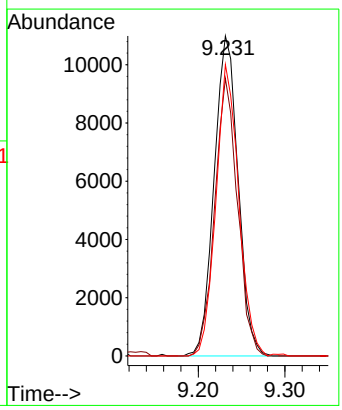
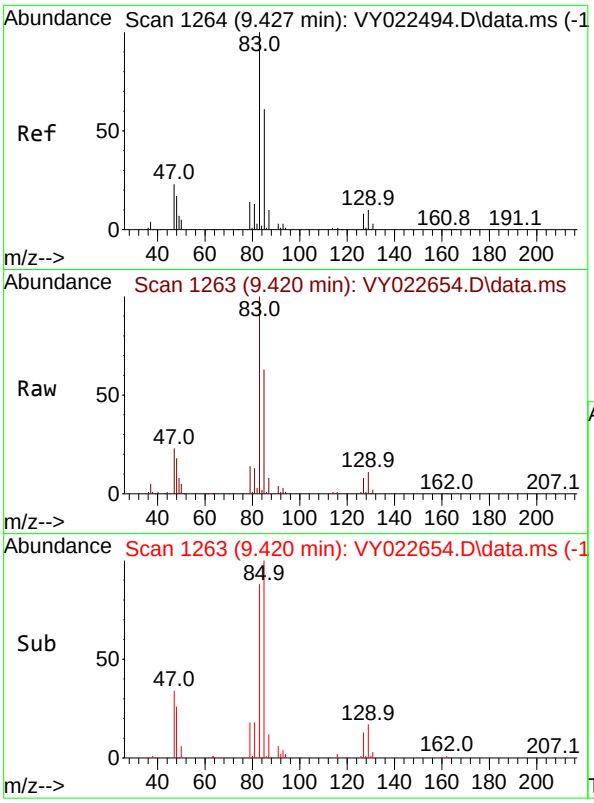


#46
Dibromomethane
Concen: 21.104 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 93 Resp: 21136

Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.6	98.4
174	86.7	70.4	105.6

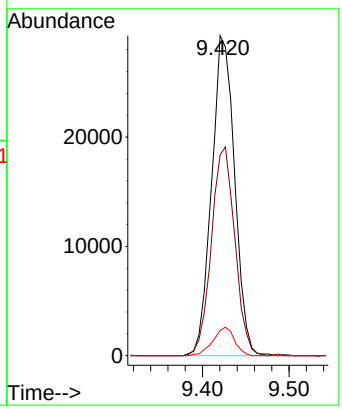




#47
Bromodichloromethane
Concen: 21.271 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 83 Resp: 5401

Ion	Ratio	Lower	Upper
83	100		
85	62.7	49.1	73.7
127	7.9	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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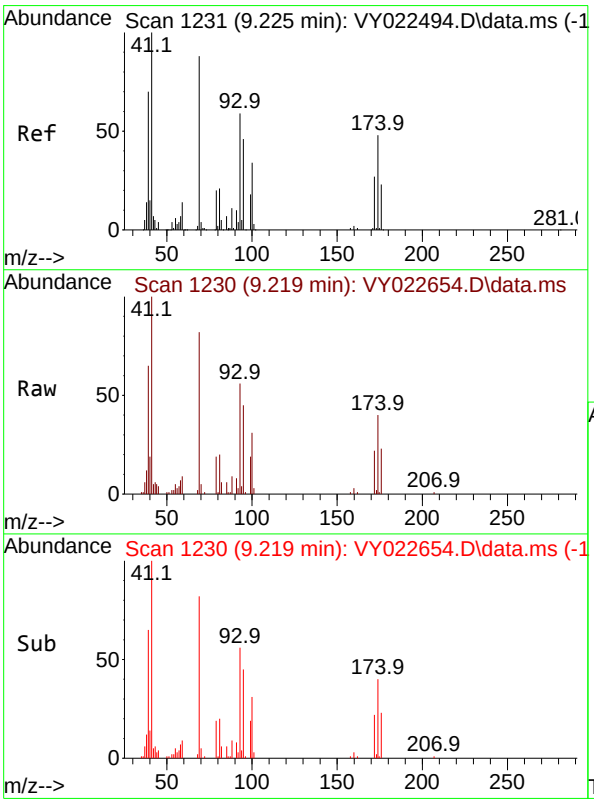
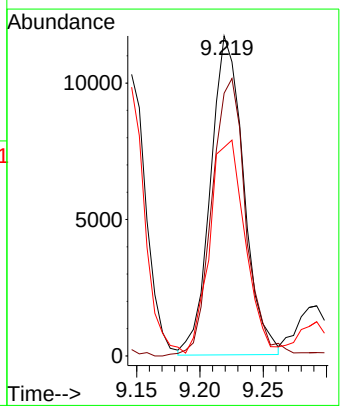
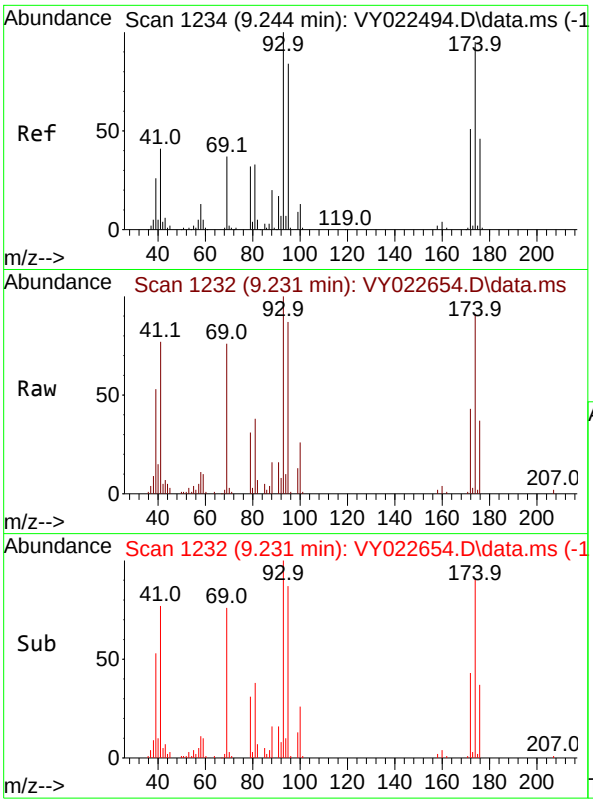


#48
Methyl methacrylate
Concen: 18.509 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 41 Resp: 21337

Ion	Ratio	Lower	Upper
41	100		
69	89.3	67.8	101.8
39	71.3	55.0	82.4

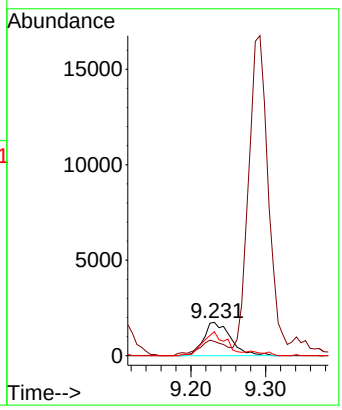




#49
1,4-Dioxane
Concen: 371.176 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 88 Resp: 440

Ion	Ratio	Lower	Upper
88	100		
43	47.1	25.4	38.2
58	61.6	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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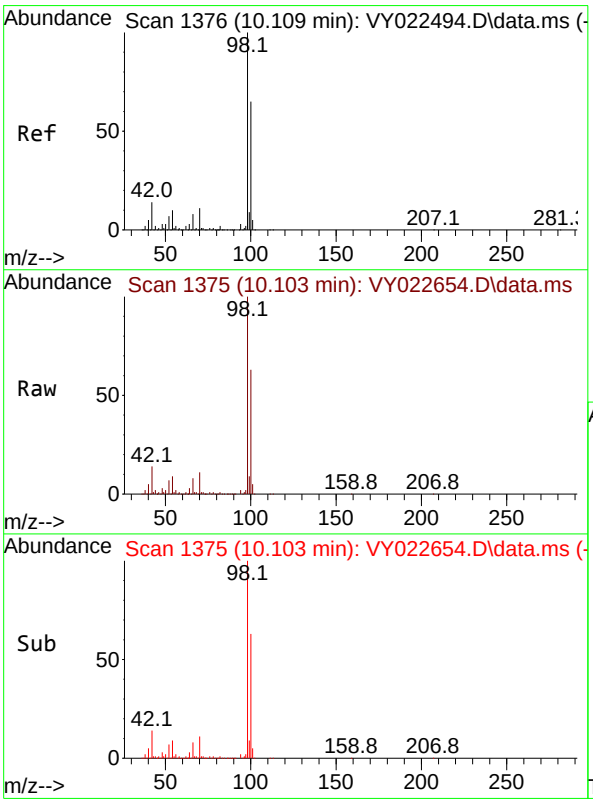
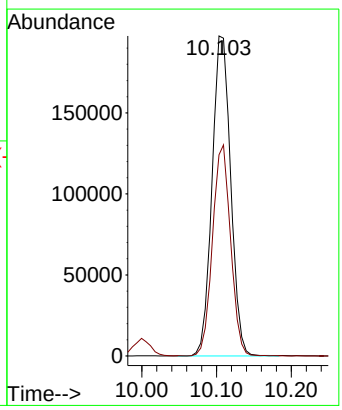
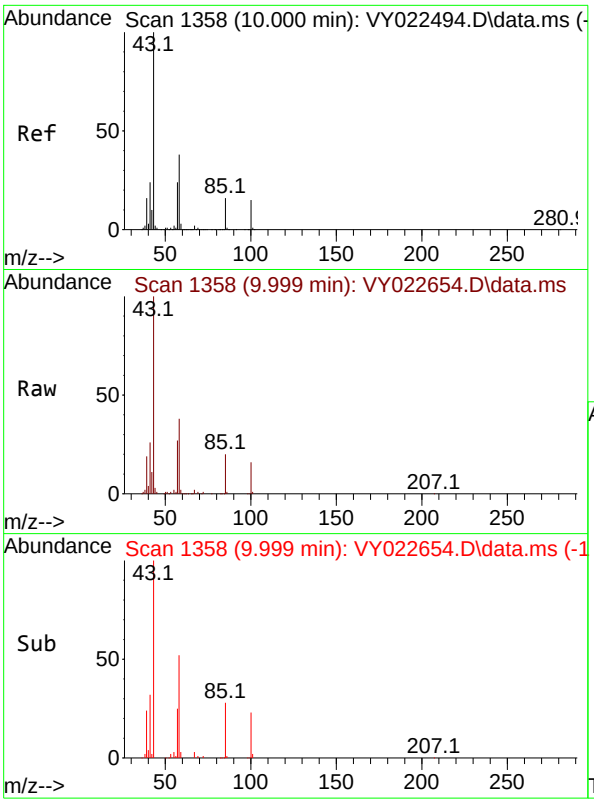


#50
Toluene-d8
Concen: 53.850 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 98 Resp: 341908

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0

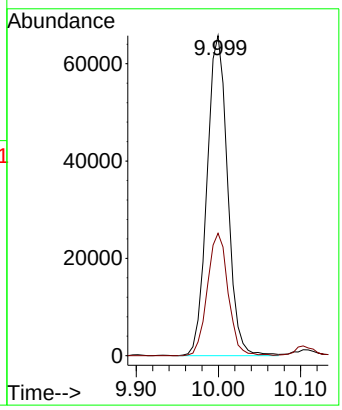




#51
4-Methyl-2-Pentanone
Concen: 93.372 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 11434

Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.4	45.6



Instrument :
MSVOA_Y
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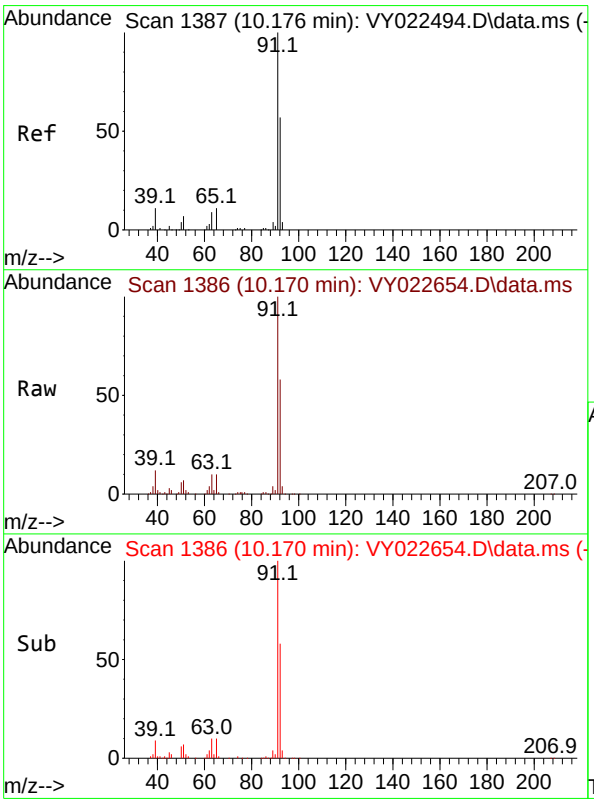
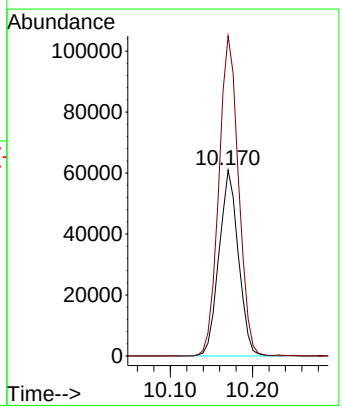
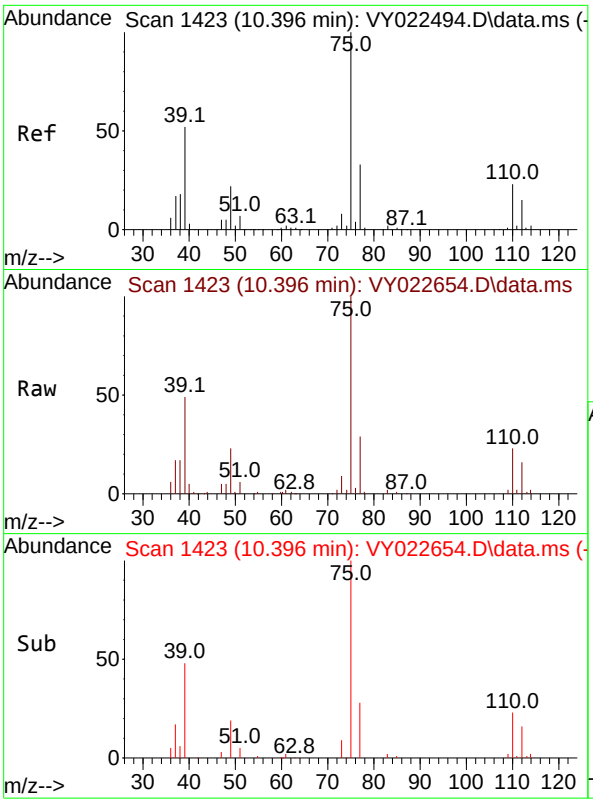


#52
Toluene
Concen: 21.067 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 92 Resp: 99726

Ion	Ratio	Lower	Upper
92	100		
91	175.3	139.0	208.4

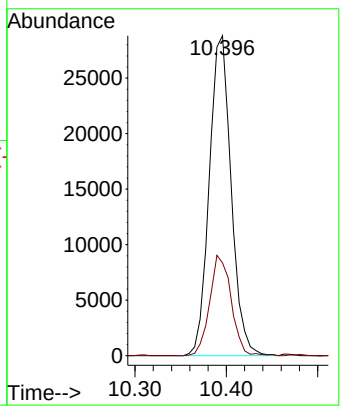




#53
t-1,3-Dichloropropene
Concen: 20.111 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 4785

Ion	Ratio	Lower	Upper
75	100		
77	29.0	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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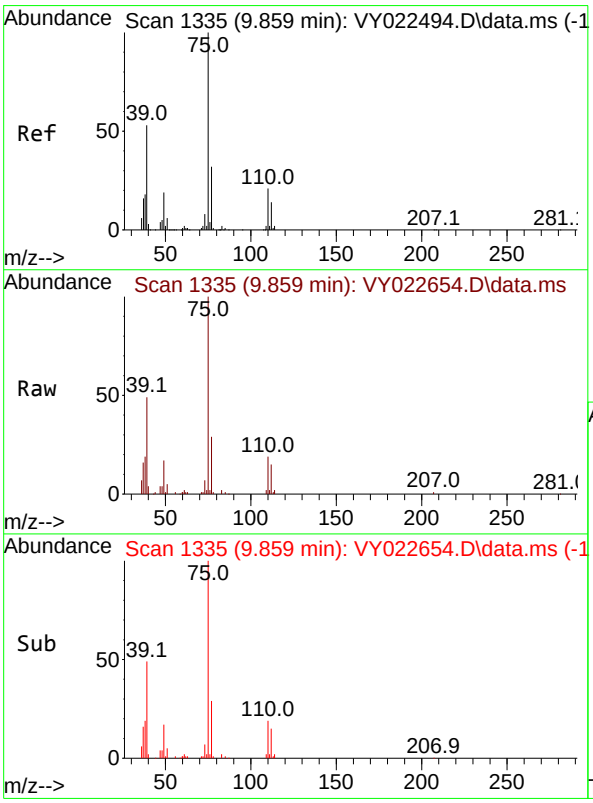
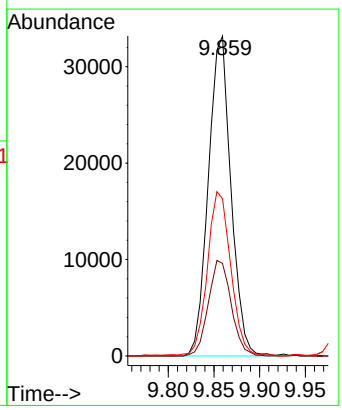
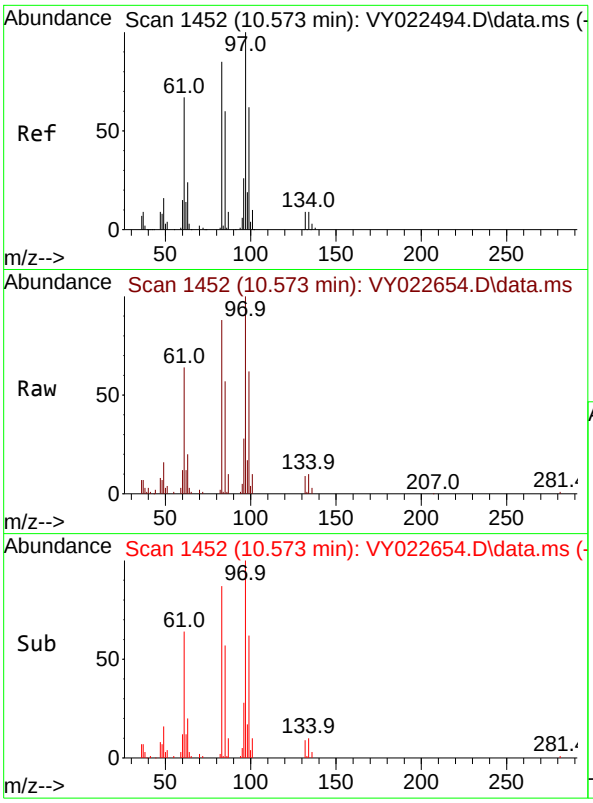


#54
cis-1,3-Dichloropropene
Concen: 20.571 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 56976

Ion	Ratio	Lower	Upper
75	100		
77	28.9	25.3	37.9
39	49.2	42.7	64.1

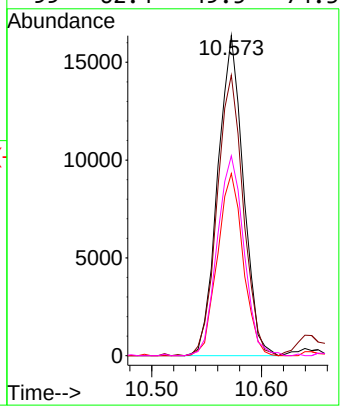




#55
1,1,2-Trichloroethane
Concen: 20.835 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 97 Resp: 2660

Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.1	102.1
85	56.9	48.2	72.2
99	62.4	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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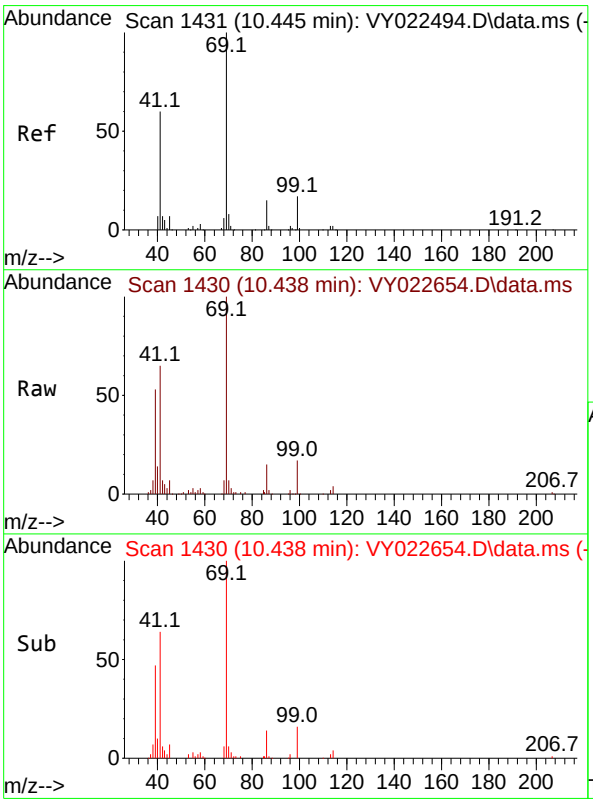
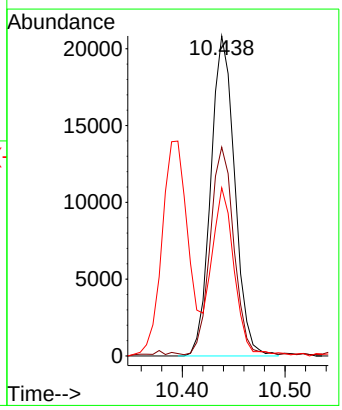
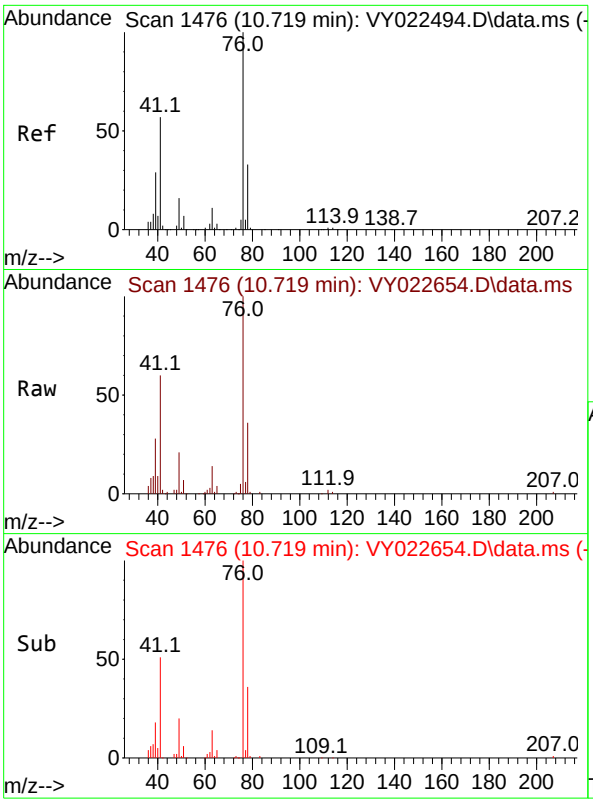


#56
Ethyl methacrylate
Concen: 18.248 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 69 Resp: 33681

Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.2	78.2
39	48.5	36.7	55.1

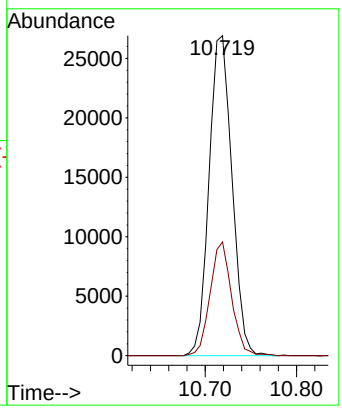




#57
1,3-Dichloropropane
Concen: 20.685 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 76 Resp: 4682

Ion	Ratio	Lower	Upper
76	100		
78	33.4	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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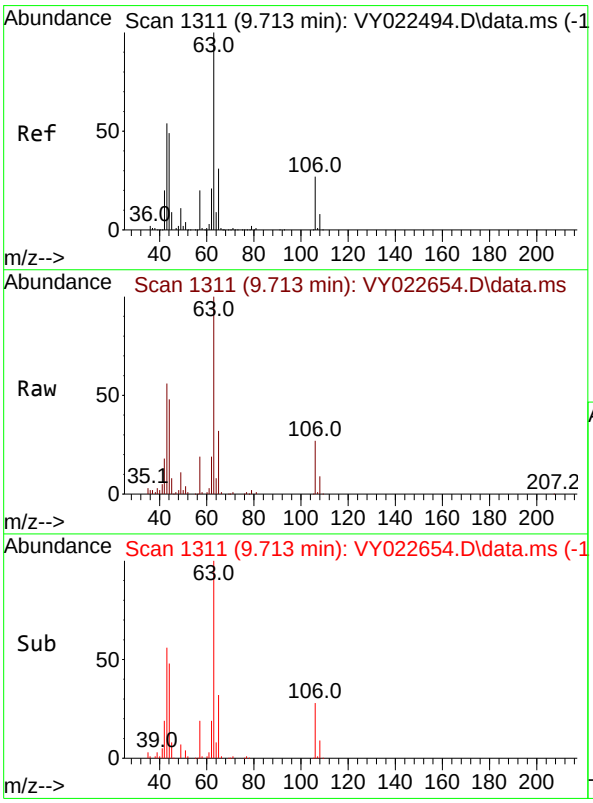
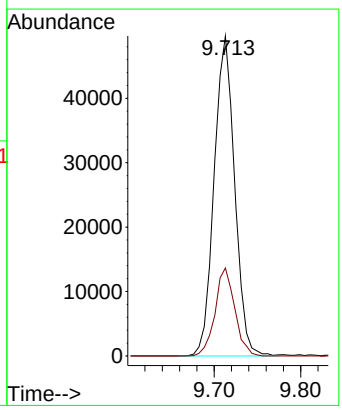
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

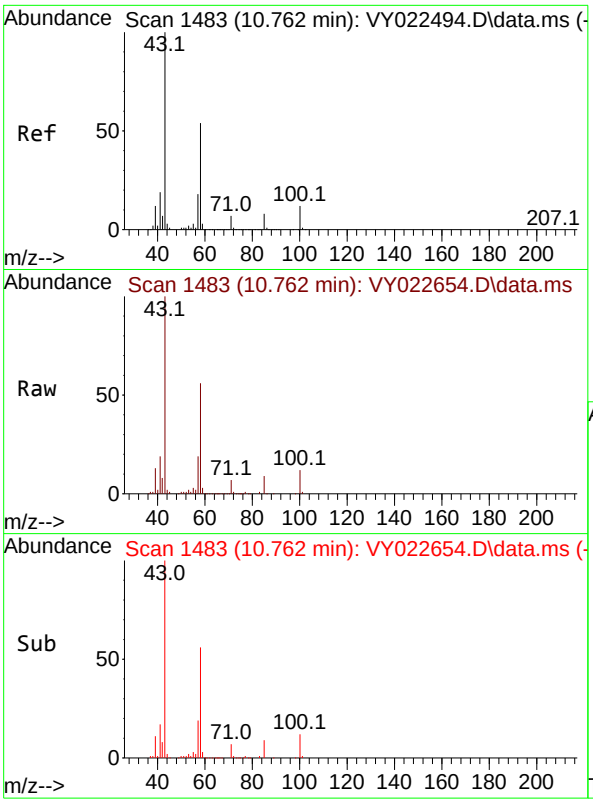


#58
2-Chloroethyl Vinyl ether
Concen: 97.509 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 63 Resp: 81714

Ion	Ratio	Lower	Upper
63	100		
106	26.3	21.6	32.4





#59
2-Hexanone
Concen: 103.855 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 8505

Ion	Ratio	Lower	Upper
43	100		
58	53.6	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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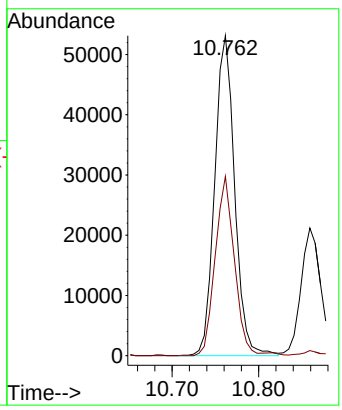
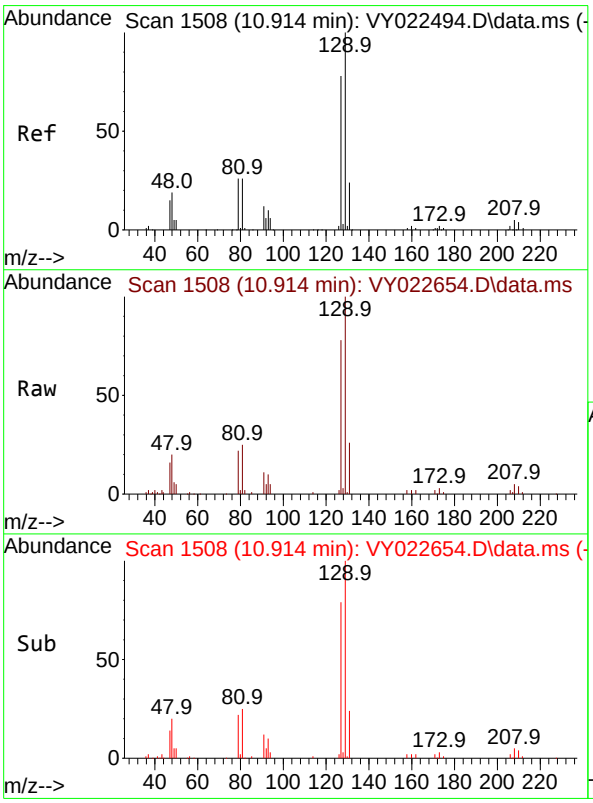
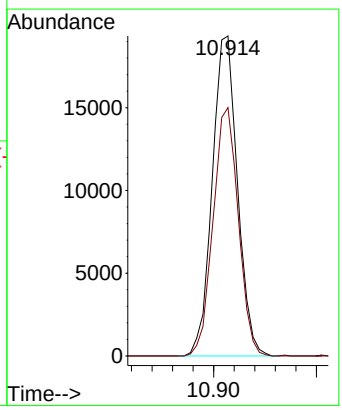


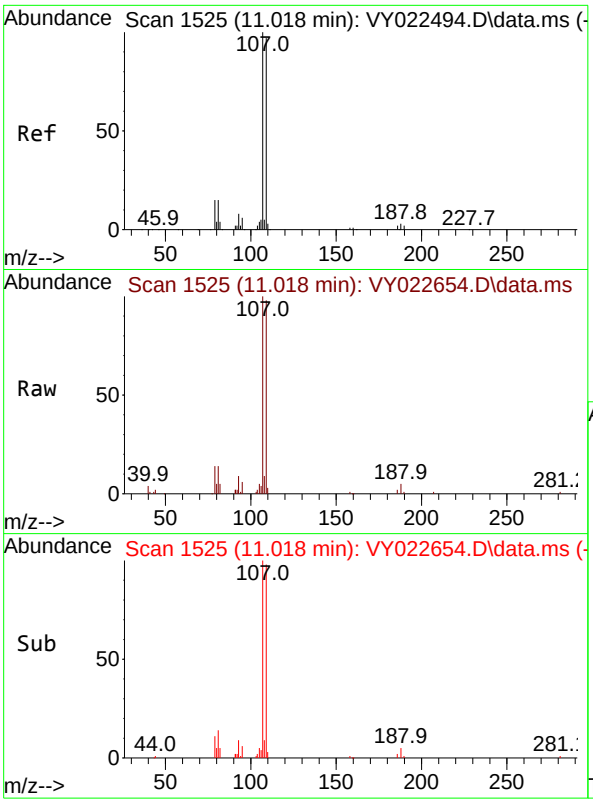


#60
Dibromochloromethane
Concen: 20.254 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:129 Resp: 32871

Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.1	117.2





#61
1,2-Dibromoethane
Concen: 20.266 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:107 Resp: 2358

Ion	Ratio	Lower	Upper
107	100		
109	96.4	77.7	116.5

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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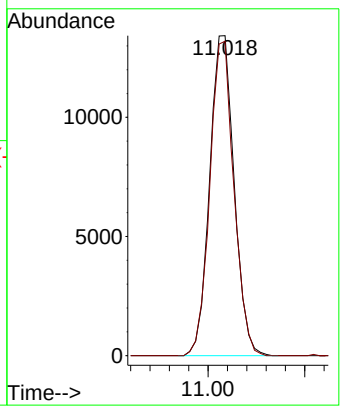
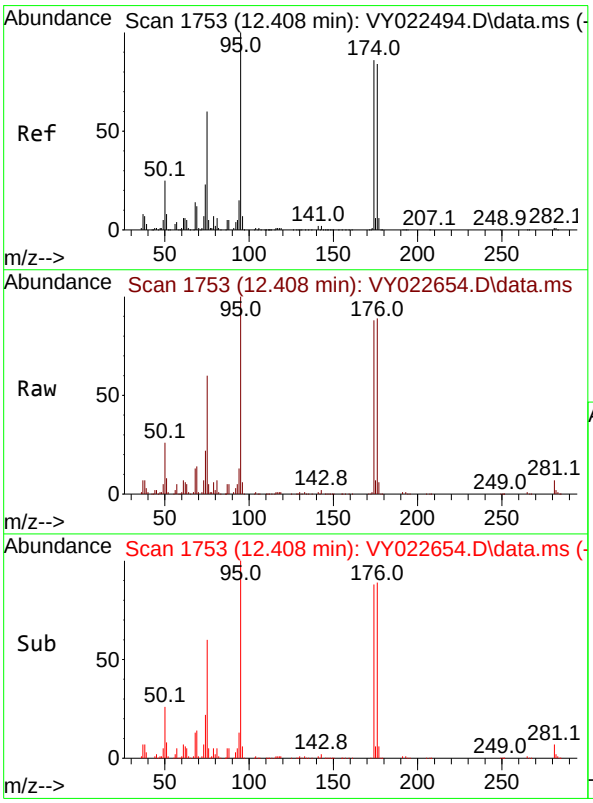
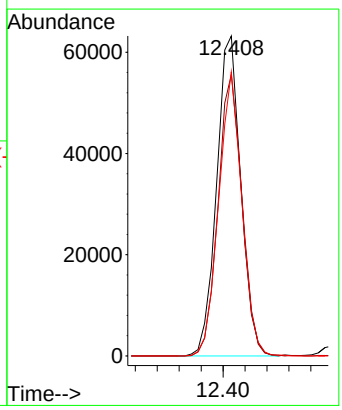


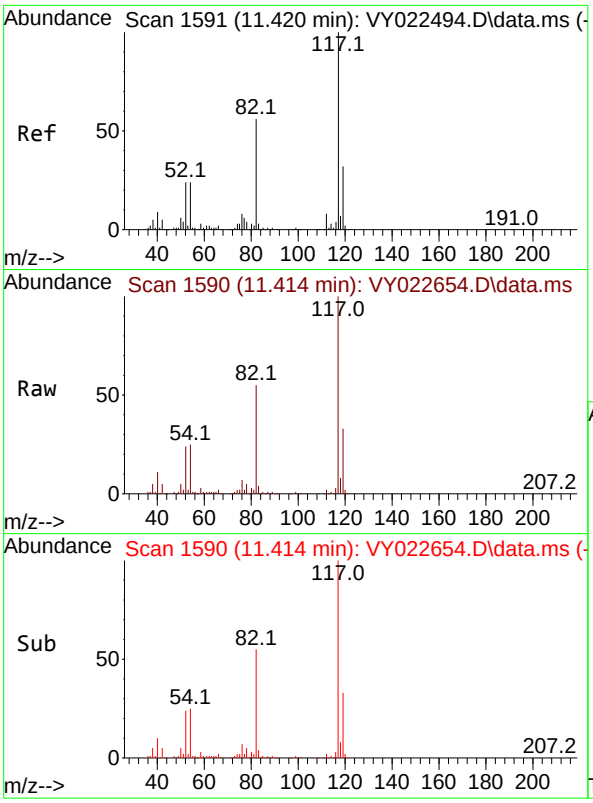


#62
4-Bromofluorobenzene
Concen: 51.128 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 95 Resp: 96721

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	170.0
176	85.0	0.0	166.2

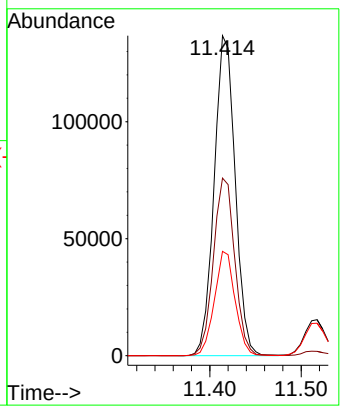




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:117 Resp: 21893

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.6	66.8
119	32.6	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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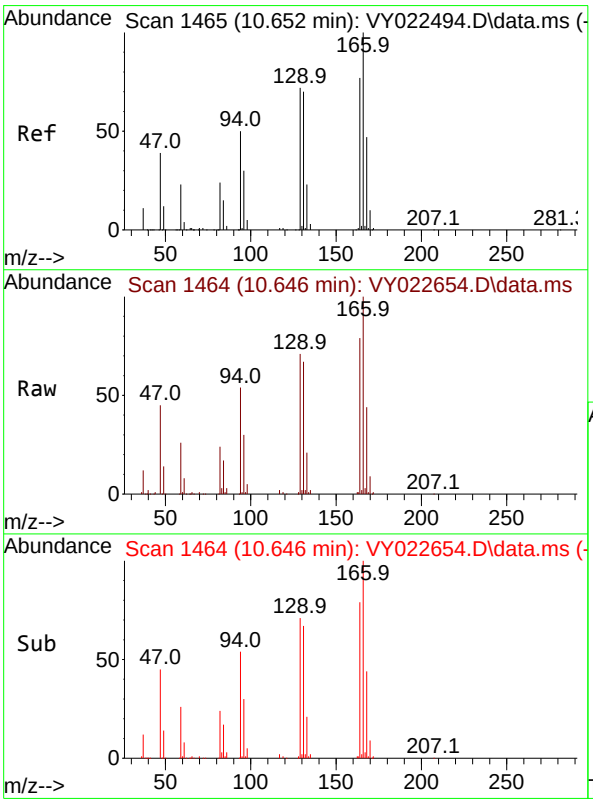
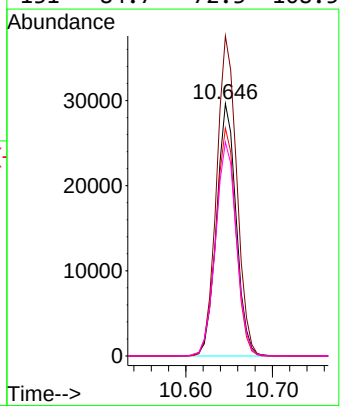
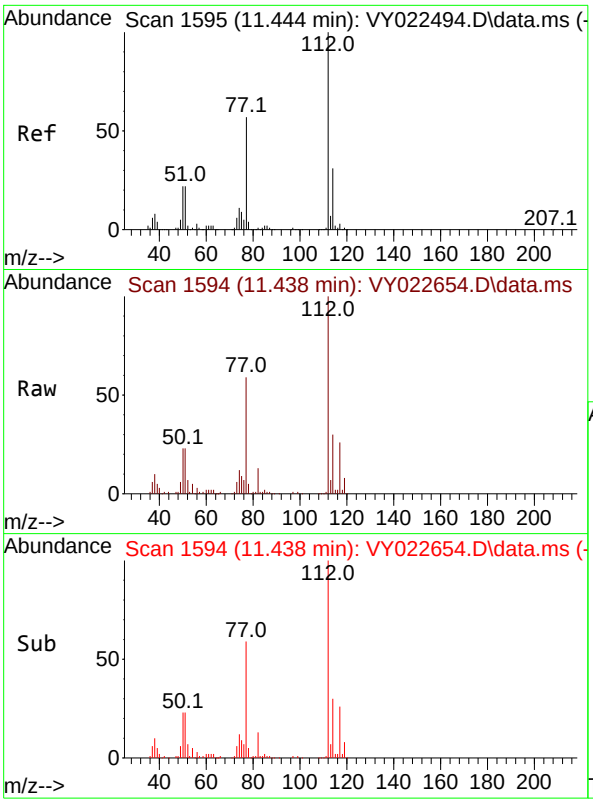


#64
Tetrachloroethene
Concen: 24.806 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:164 Resp: 46718

Ion	Ratio	Lower	Upper
164	100		
166	126.8	104.0	156.0
129	90.3	74.5	111.7
131	84.7	72.3	108.5

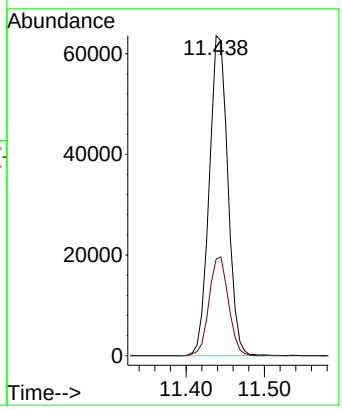




#65
Chlorobenzene
Concen: 21.604 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:112 Resp: 10466

Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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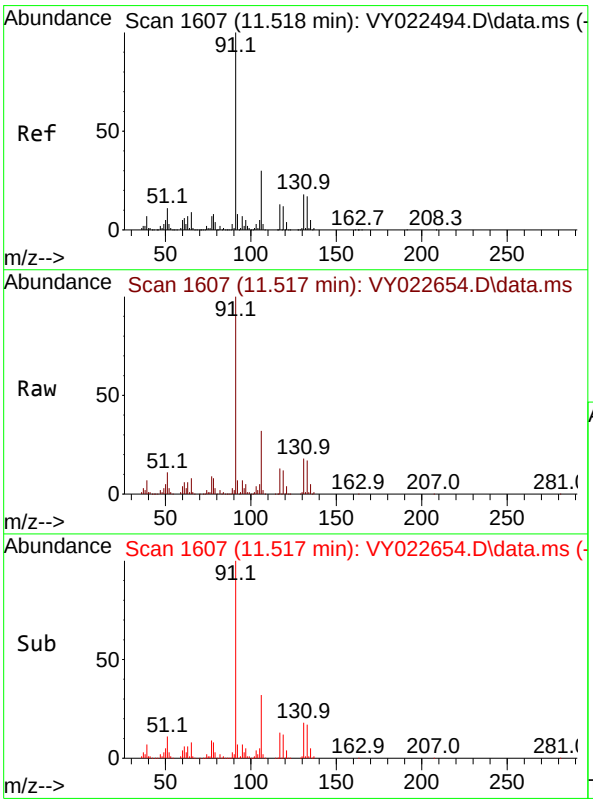
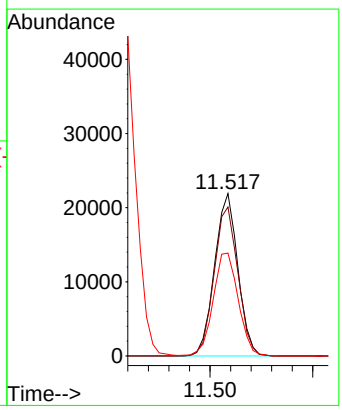
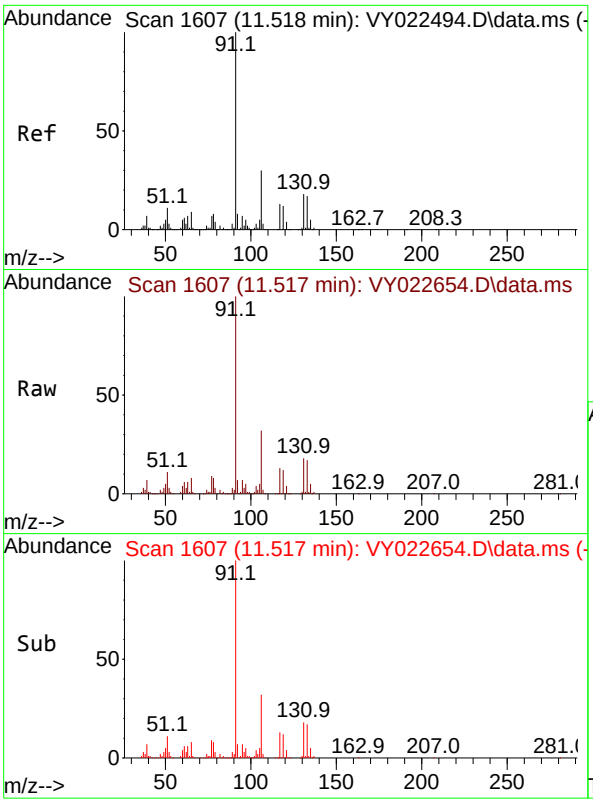


#66
1,1,1,2-Tetrachloroethane
Concen: 21.042 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:131 Resp: 34342

Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.3	141.8
119	68.3	33.1	99.3

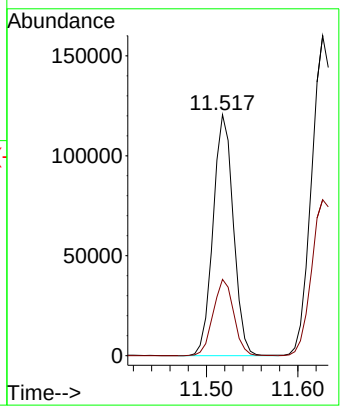




#67
Ethyl Benzene
Concen: 20.670 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 91 Resp: 18573

Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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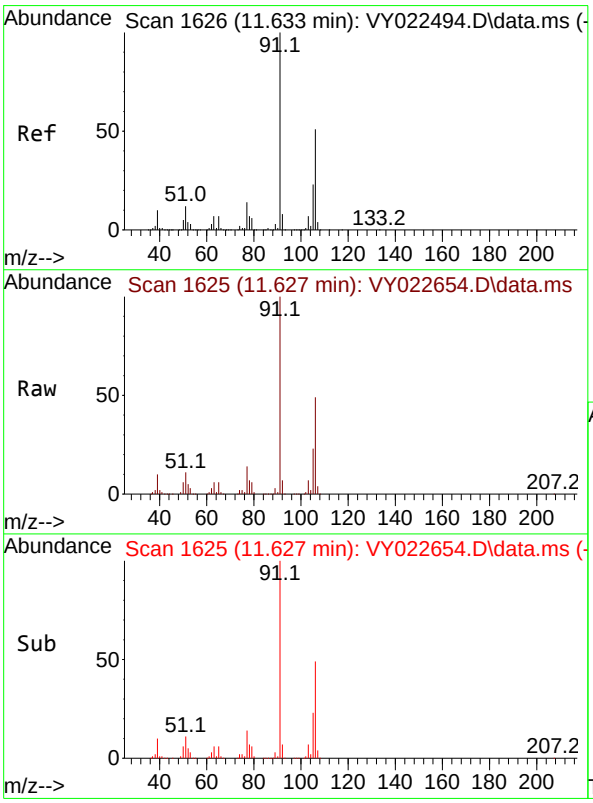
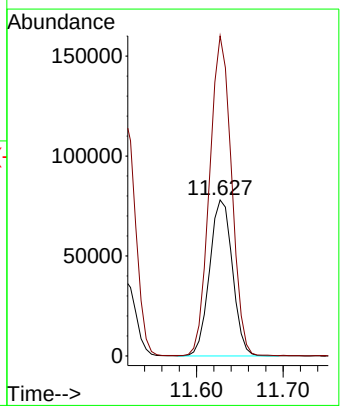
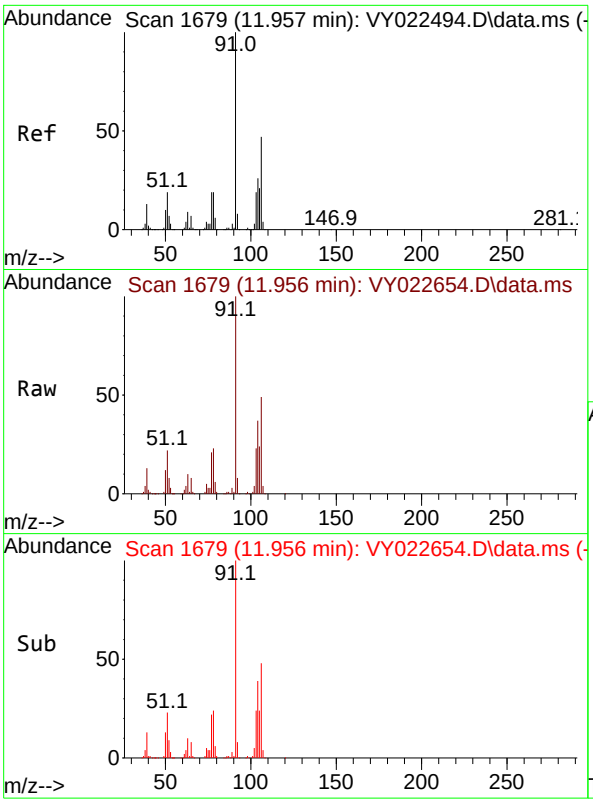


#68
m/p-Xylenes
Concen: 42.072 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:106 Resp: 143316

Ion	Ratio	Lower	Upper
106	100		
91	196.9	159.4	239.0

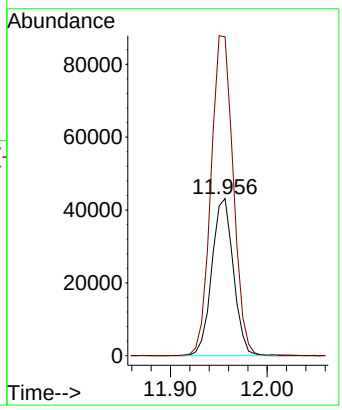




#69
o-Xylene
Concen: 20.891 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:106 Resp: 6672

Ion	Ratio	Lower	Upper
106	100		
91	211.5	105.8	317.3



Instrument :
MSVOA_Y
ClientSampleId :
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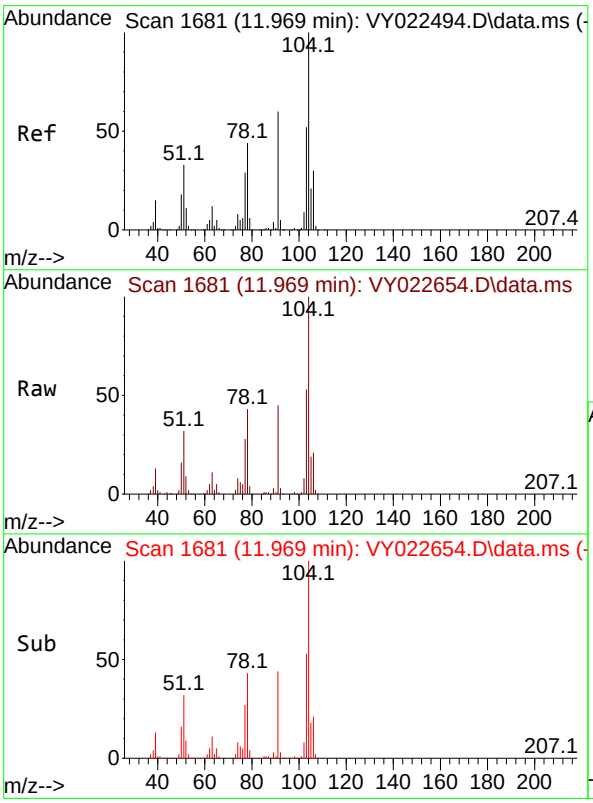
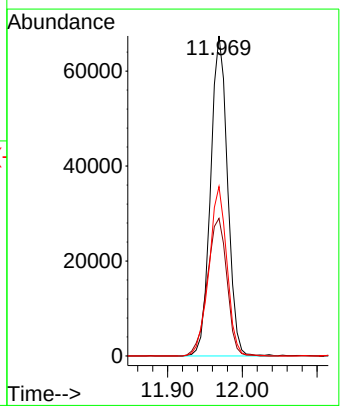
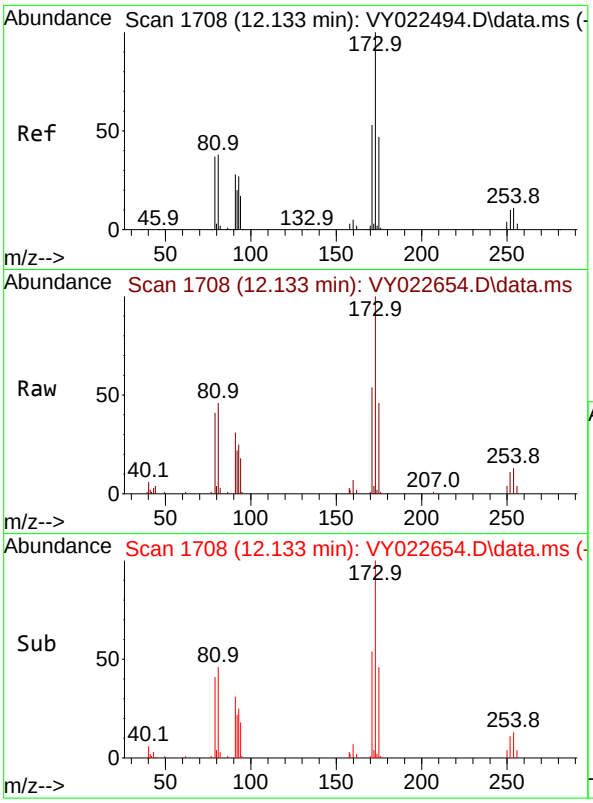


#70
Styrene
Concen: 20.241 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:104 Resp: 106861

Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.5	59.3
103	55.8	44.1	66.1

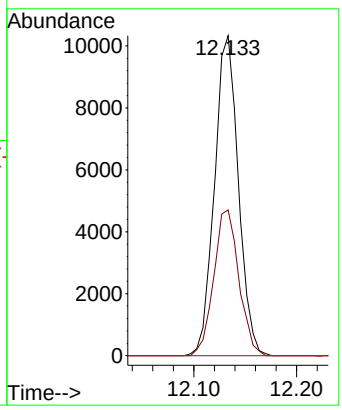




#71
Bromoform
Concen: 19.160 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:173 Resp: 1664

Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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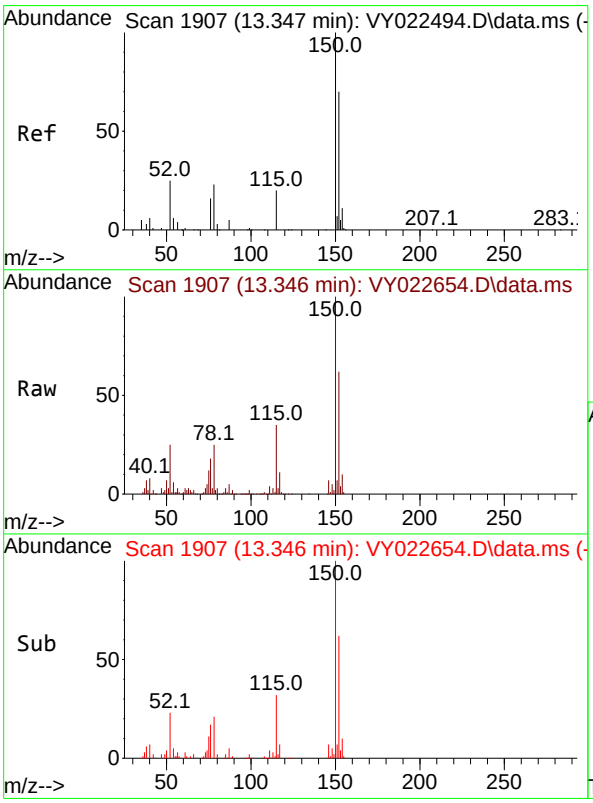
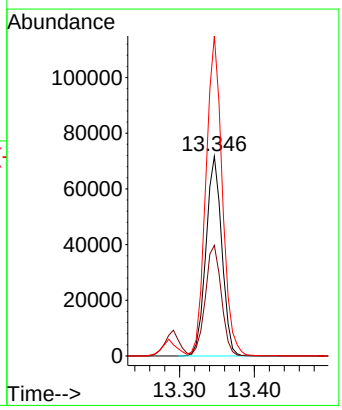
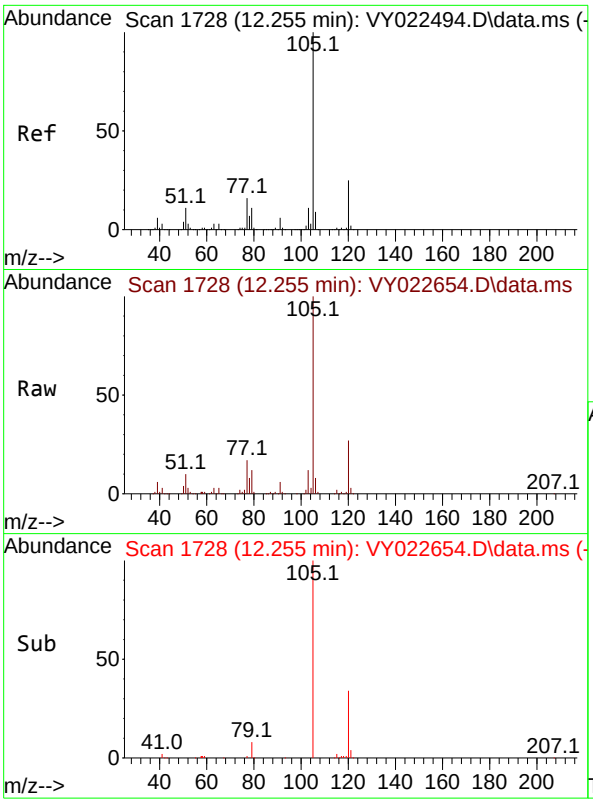


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:152 Resp: 105447

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.9	86.7
150	165.5	0.0	349.6

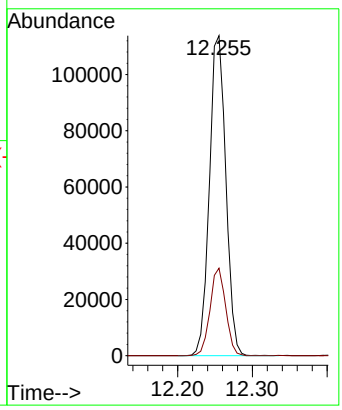




#73
Isopropylbenzene
Concen: 20.133 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:105 Resp: 17429

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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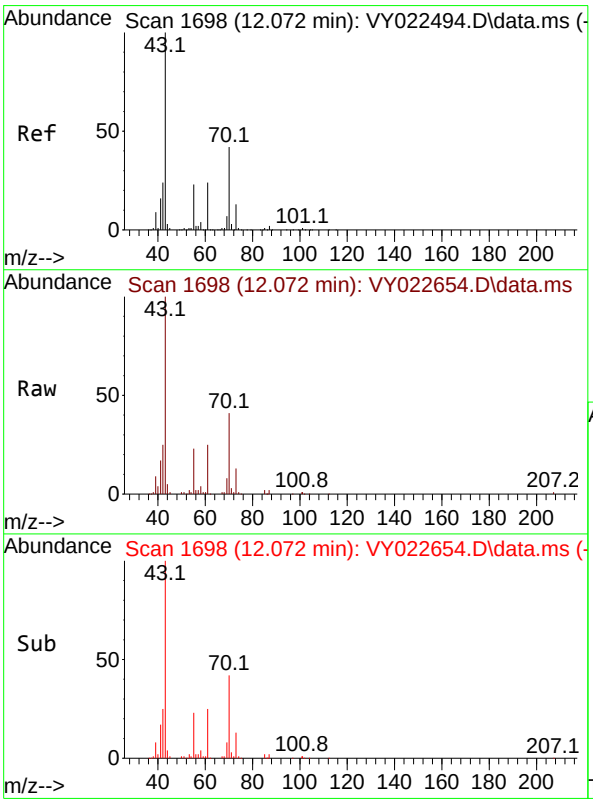
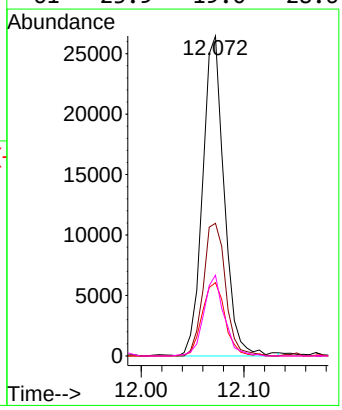
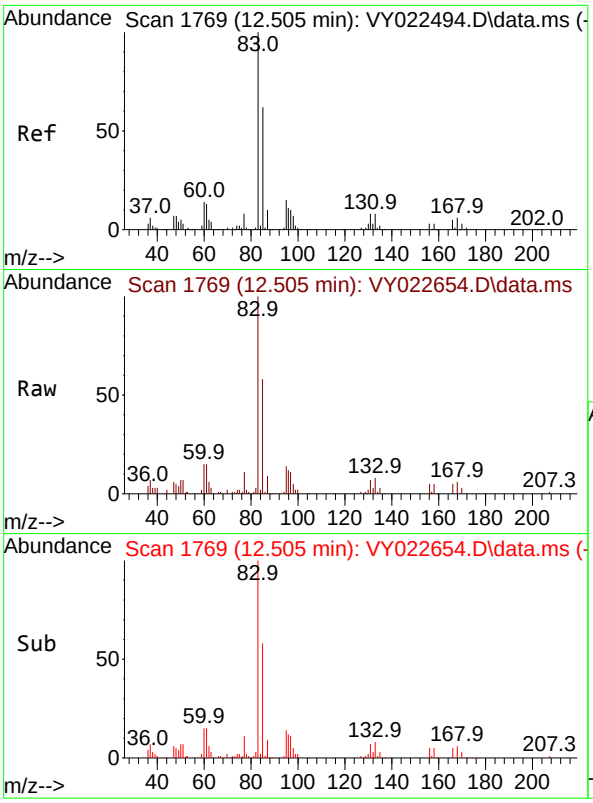


#74
N-amyl acetate
Concen: 17.646 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 38545

Ion	Ratio	Lower	Upper
43	100		
70	42.9	34.2	51.2
55	24.5	18.2	27.4
61	23.9	19.0	28.6

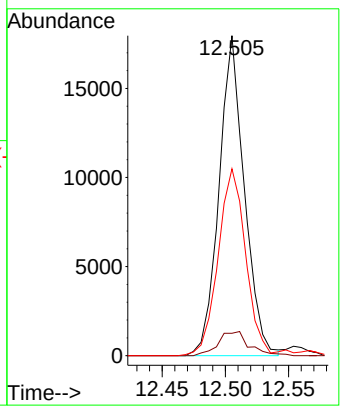




#75
1,1,2,2-Tetrachloroethane
Concen: 17.597 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 83 Resp: 2500

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	63.6	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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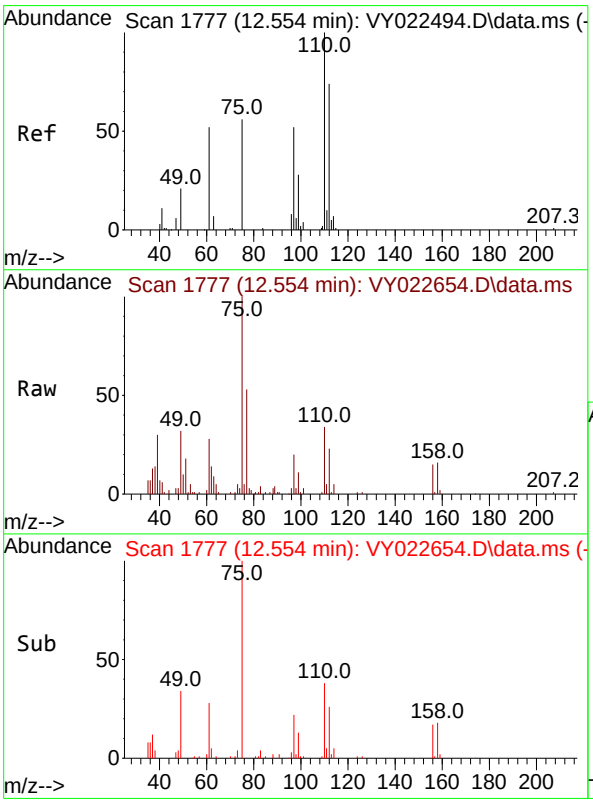
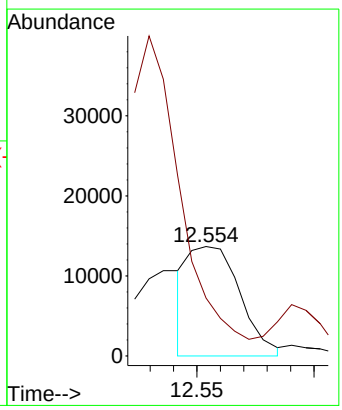
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

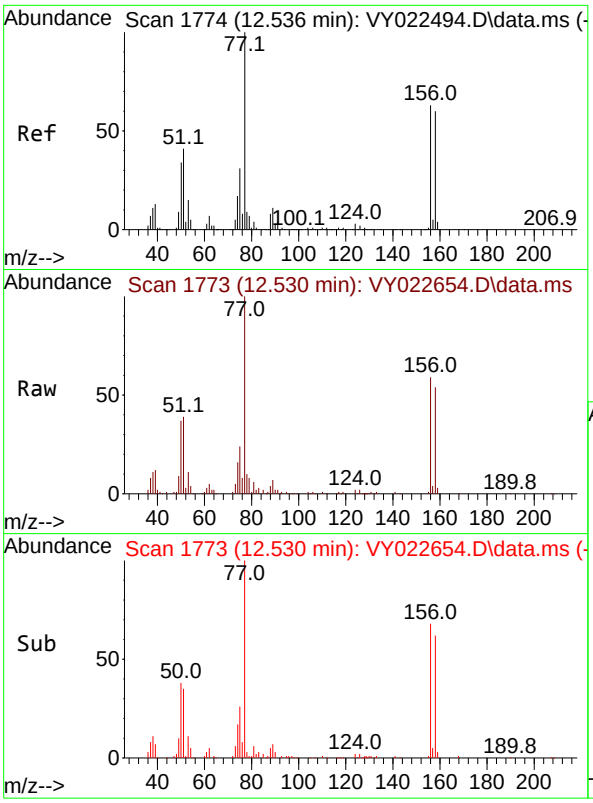


#76
1,2,3-Trichloropropane
Concen: 17.545 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 21166

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

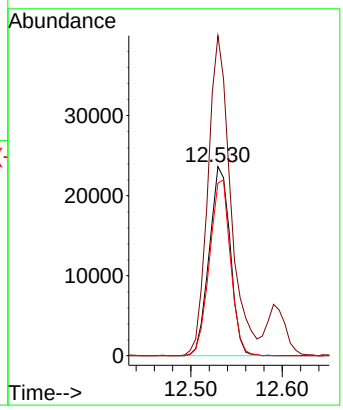




#77
Bromobenzene
Concen: 20.583 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:156 Resp: 3760

Ion	Ratio	Lower	Upper
156	100		
77	183.3	94.0	282.1
158	93.2	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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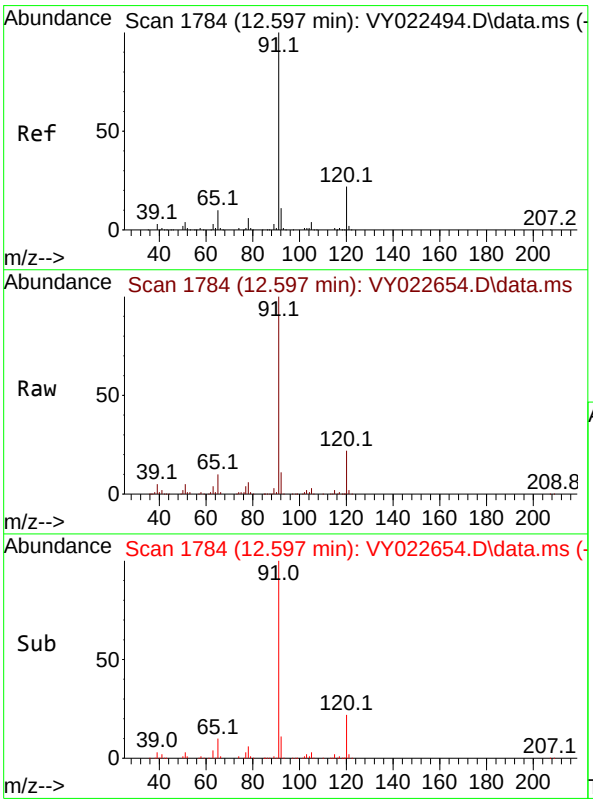
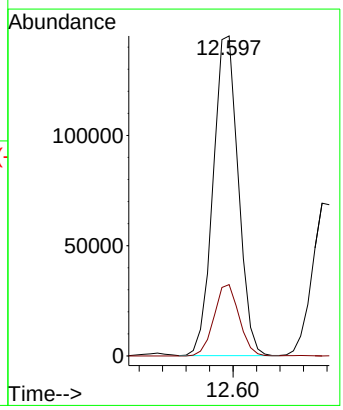
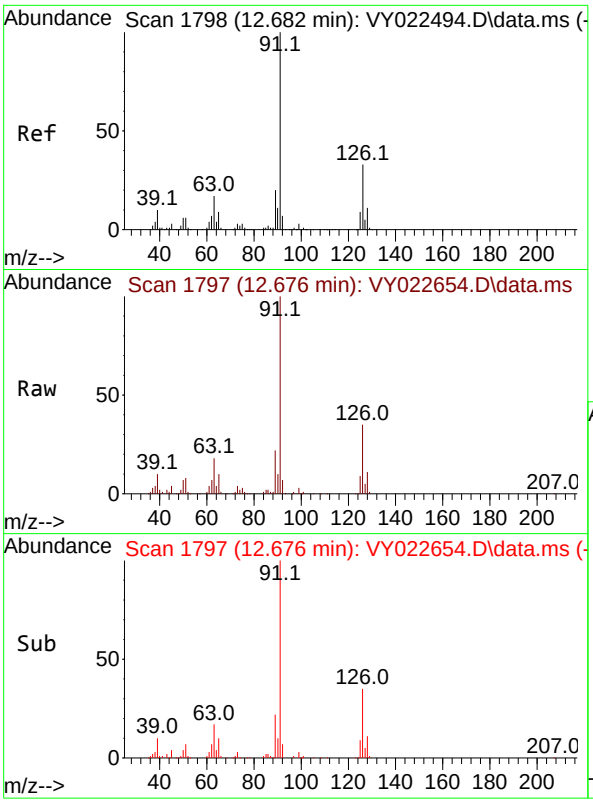


#78
n-propylbenzene
Concen: 20.369 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 91 Resp: 215383

Ion	Ratio	Lower	Upper
91	100		
120	22.3	10.8	32.4

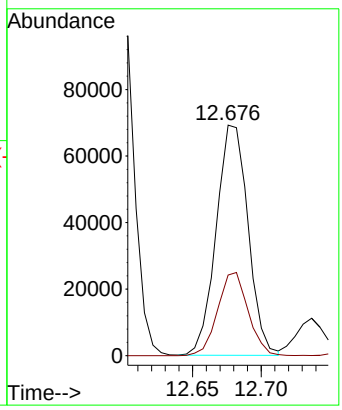




#79
2-Chlorotoluene
Concen: 20.007 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 91 Resp: 11212

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	51.0



Instrument :
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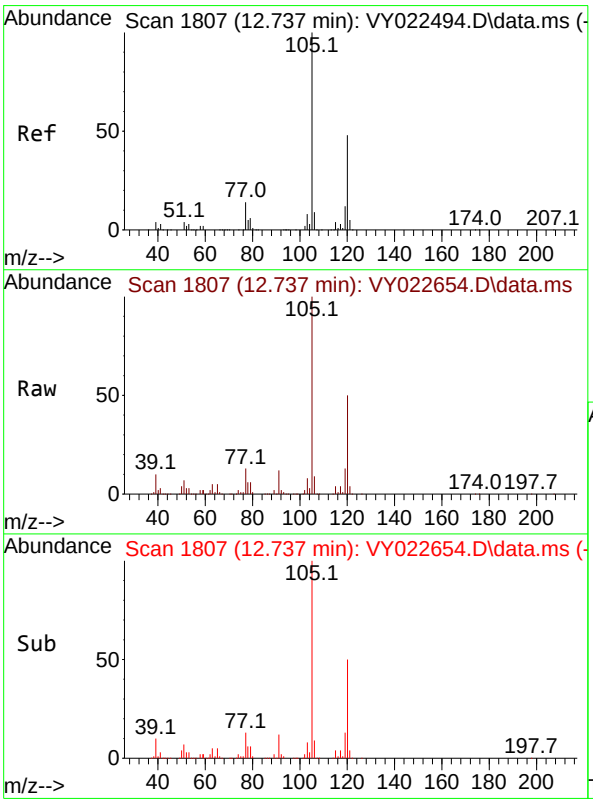
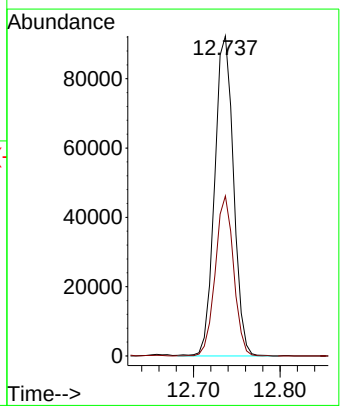
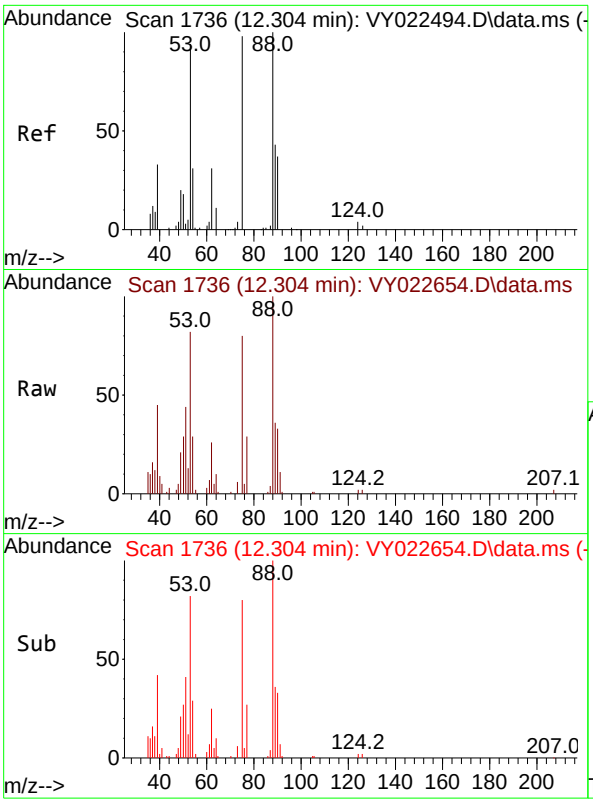


#80
1,3,5-Trimethylbenzene
Concen: 20.548 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:105 Resp: 139655

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.1	72.4

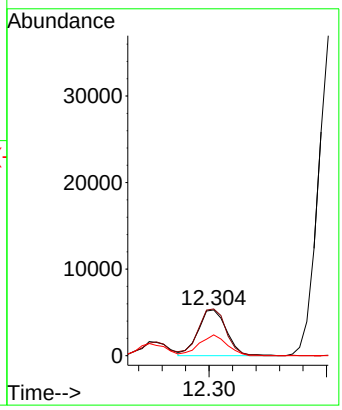




#81
trans-1,4-Dichloro-2-butene
Concen: 17.758 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 887

Ion	Ratio	Lower	Upper
75	100		
53	100.1	78.5	117.7
89	43.9	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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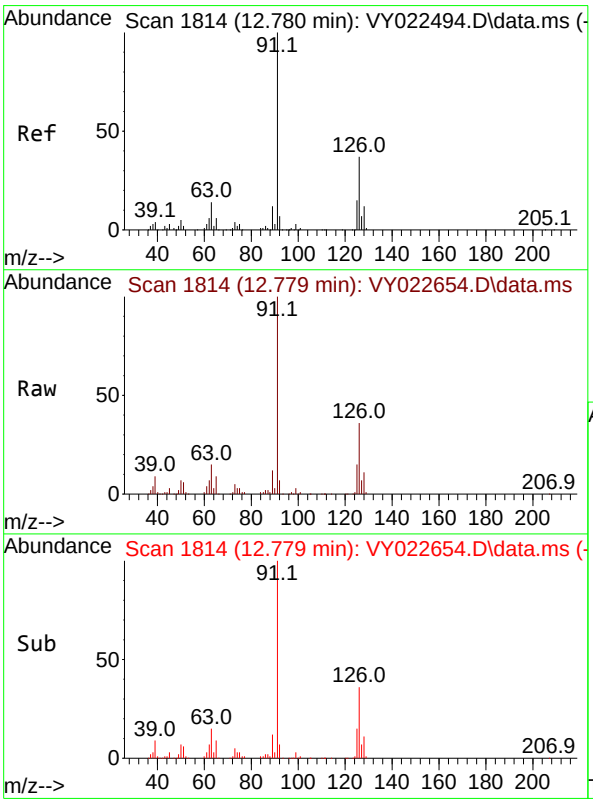
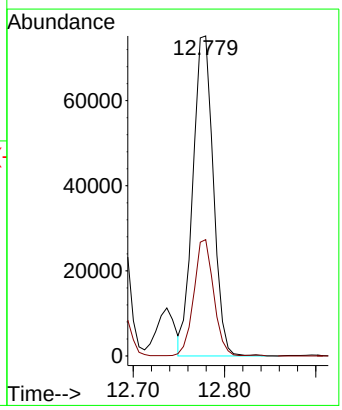
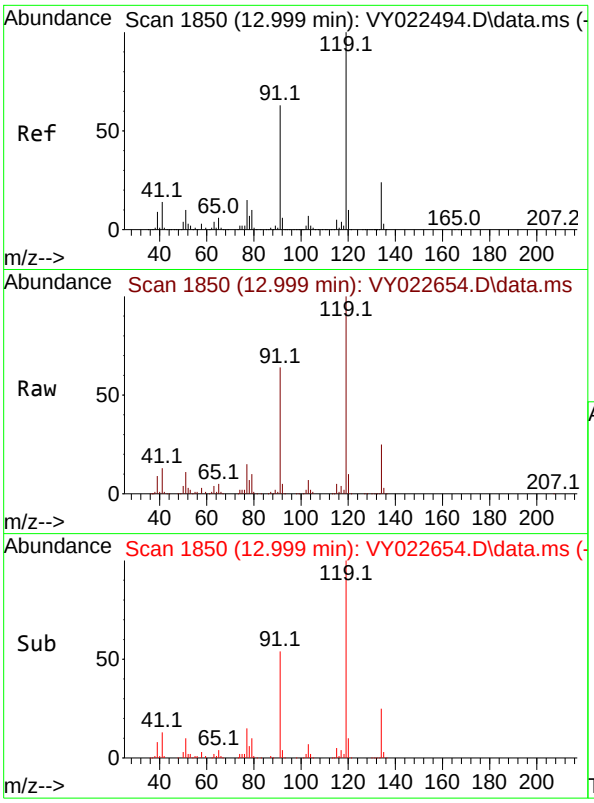


#82
4-Chlorotoluene
Concen: 20.166 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 91 Resp: 116584

Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.0	50.9

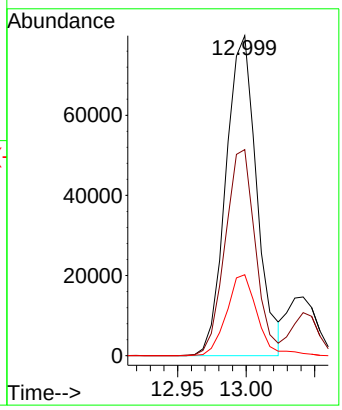




#83
tert-Butylbenzene
Concen: 20.490 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:119 Resp: 12499

Ion	Ratio	Lower	Upper
119	100		
91	63.4	32.1	96.3
134	25.4	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
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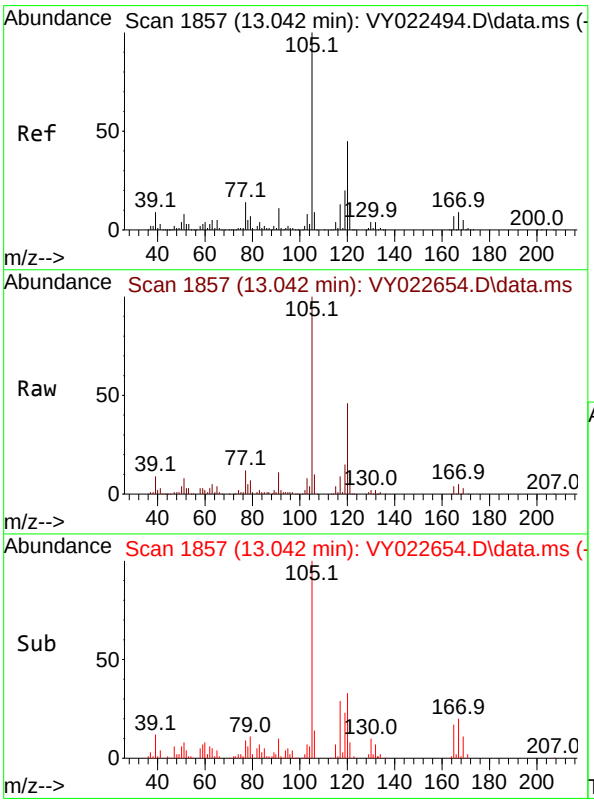
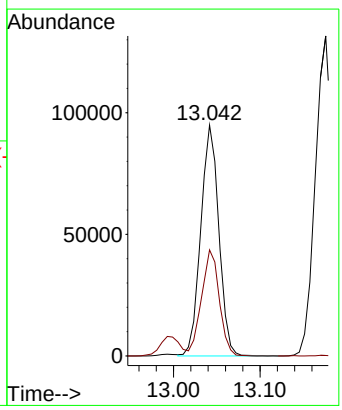
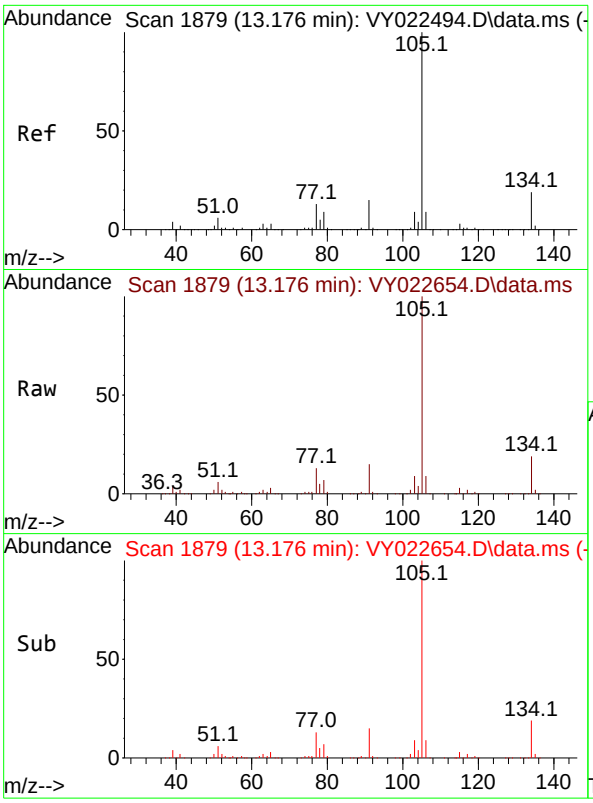


#84
1,2,4-Trimethylbenzene
Concen: 20.248 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:105 Resp: 137643

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.1

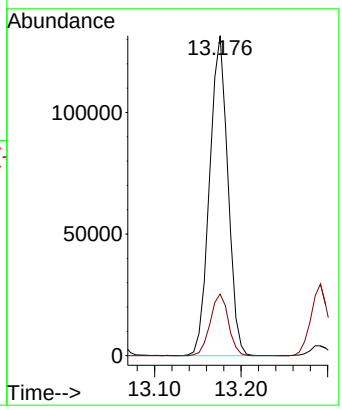




#85
sec-Butylbenzene
Concen: 20.630 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:105 Resp: 19273

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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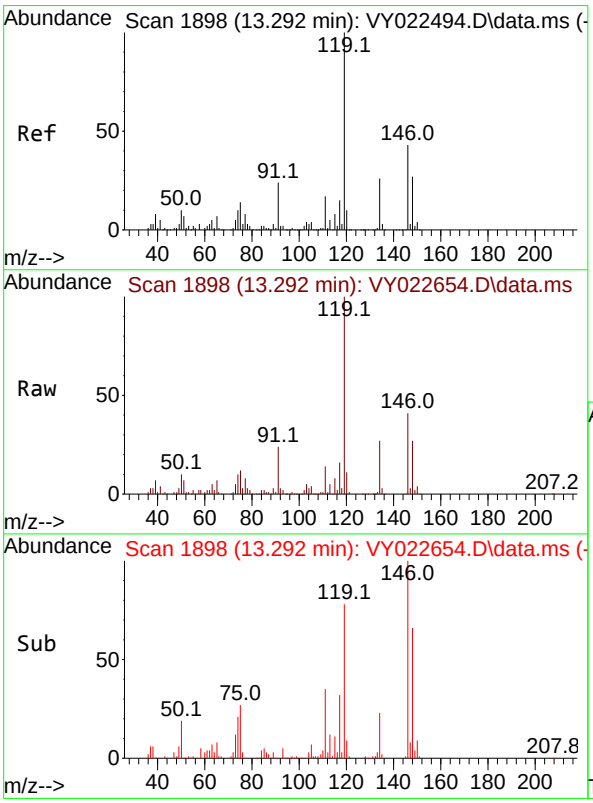
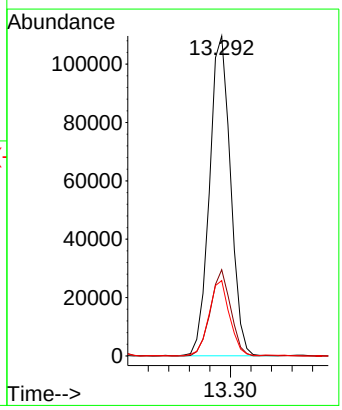
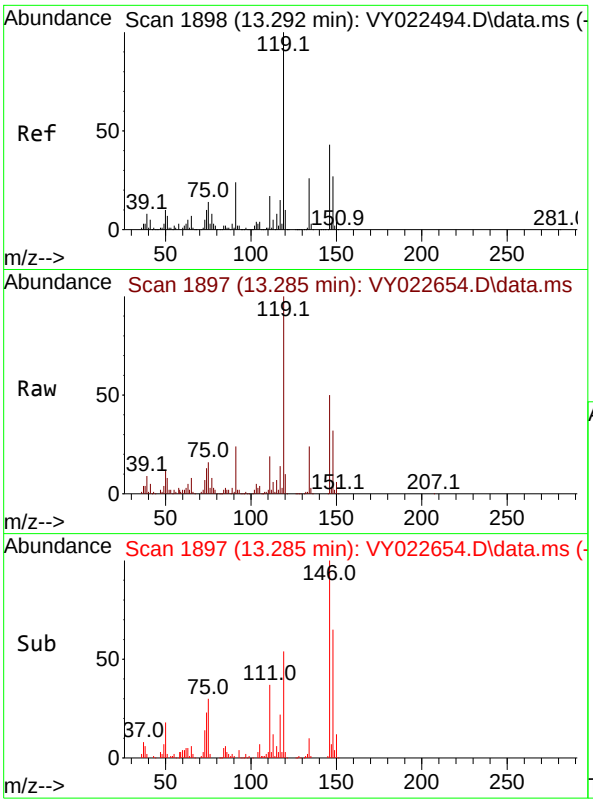


#86
p-Isopropyltoluene
Concen: 20.196 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:119 Resp: 155523

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	23.2	11.6	34.8

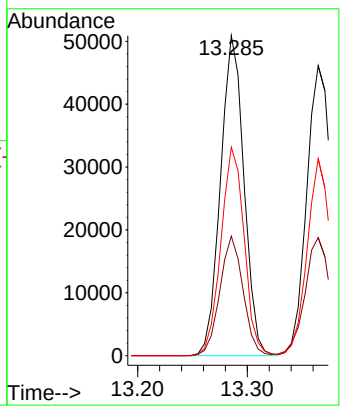




#87
1,3-Dichlorobenzene
Concen: 20.448 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:146 Resp: 7568

Ion	Ratio	Lower	Upper
146	100		
111	36.9	20.1	60.2
148	64.7	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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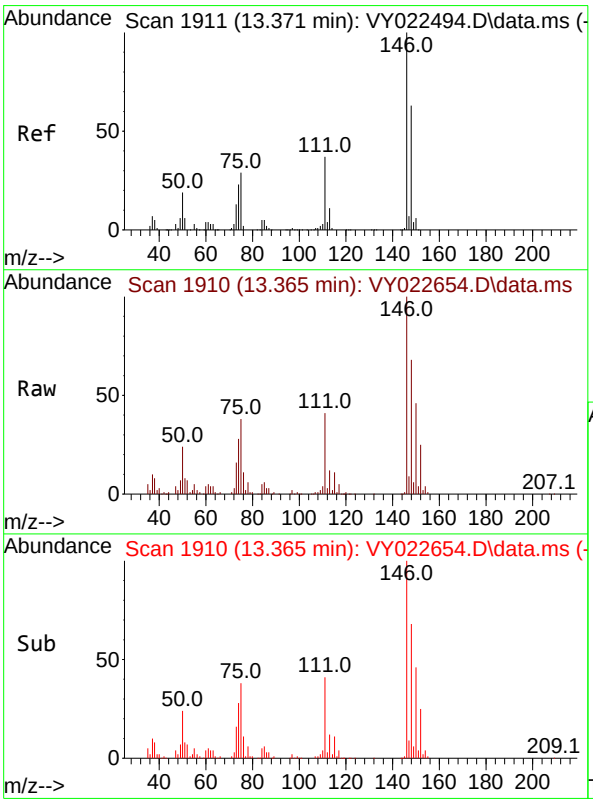
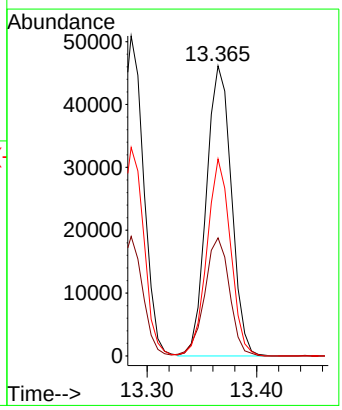
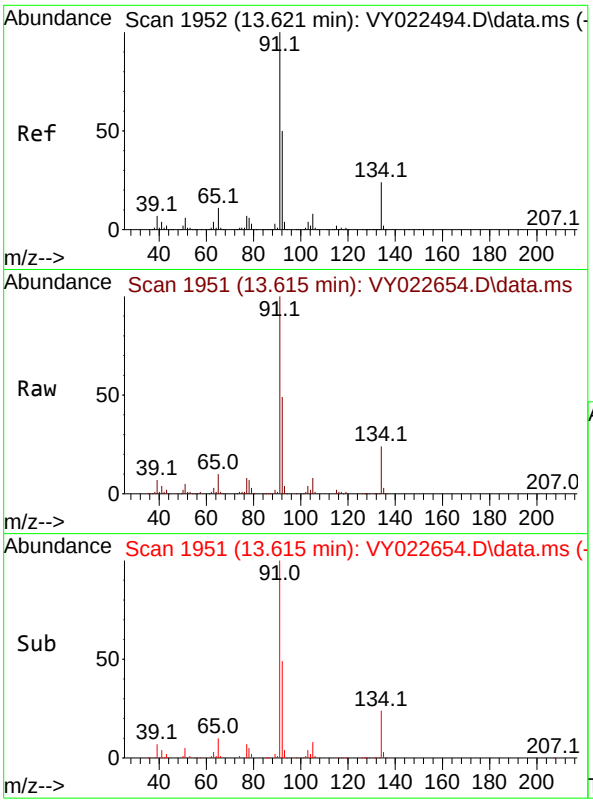


#88
1,4-Dichlorobenzene
Concen: 20.409 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:146 Resp: 73268

Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.4	58.2
148	64.3	31.6	94.8

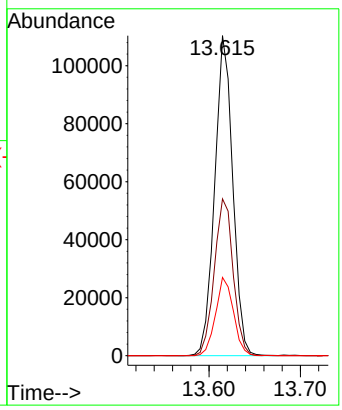




#89
n-Butylbenzene
Concen: 20.720 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 91 Resp: 15138

Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.9	77.8
134	24.3	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
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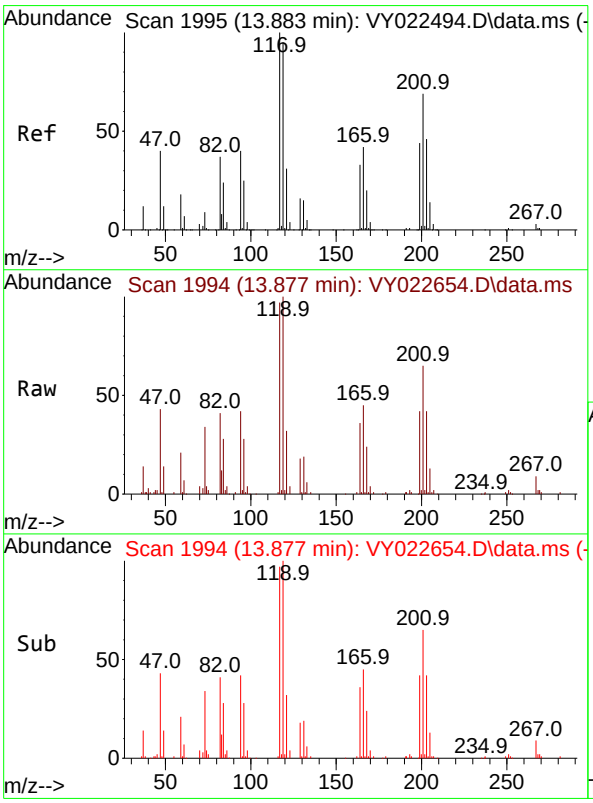
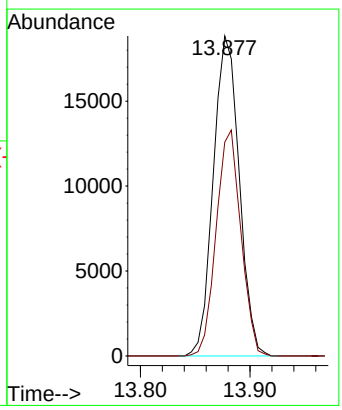
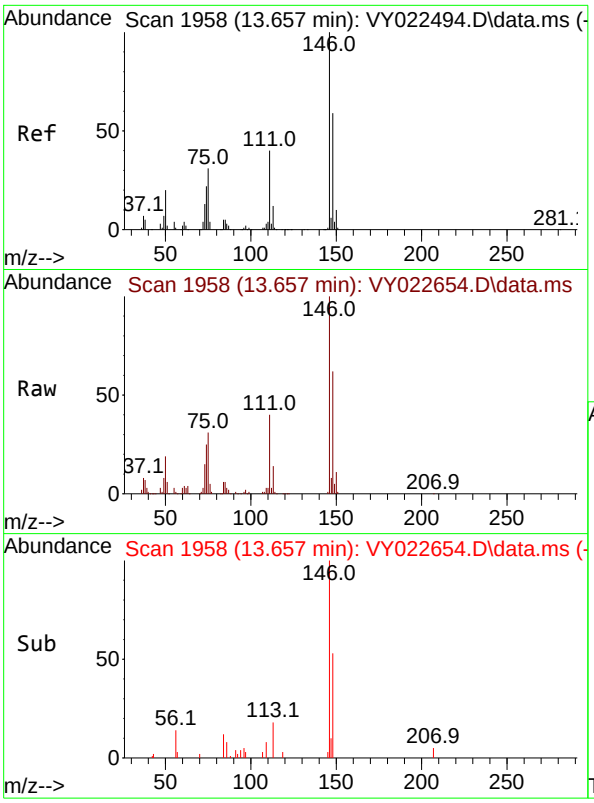


#90
Hexachloroethane
Concen: 20.674 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:117 Resp: 30995

Ion	Ratio	Lower	Upper
117	100		
201	67.3	34.0	102.0

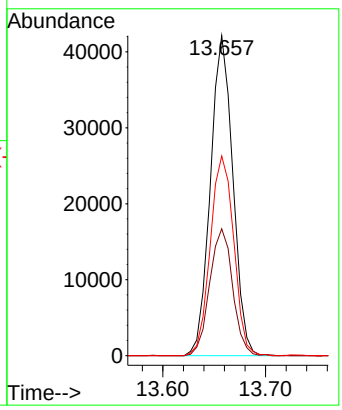




#91
1,2-Dichlorobenzene
Concen: 20.327 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:146 Resp: 6387

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.6
148	65.2	31.4	94.0



Instrument :
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ClientSampleId :
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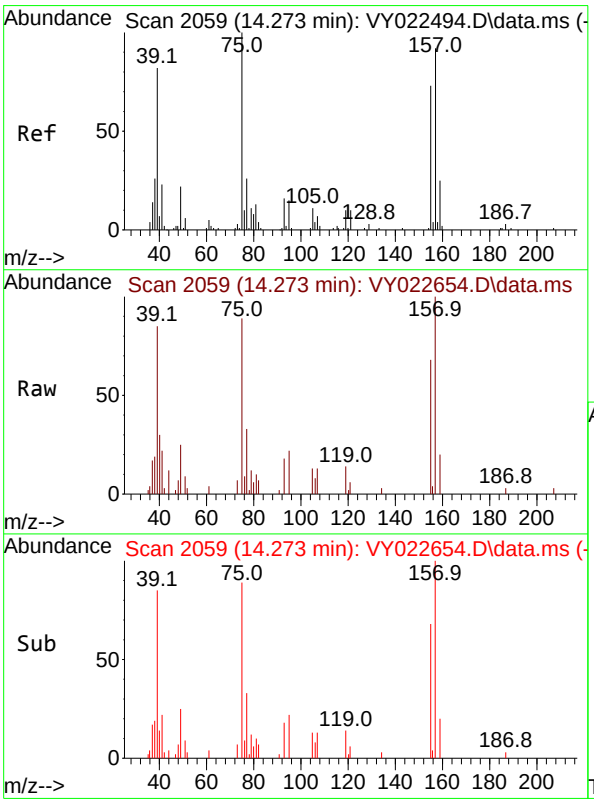
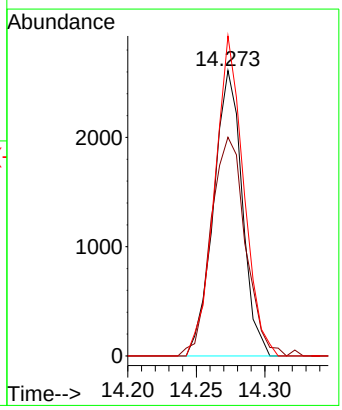
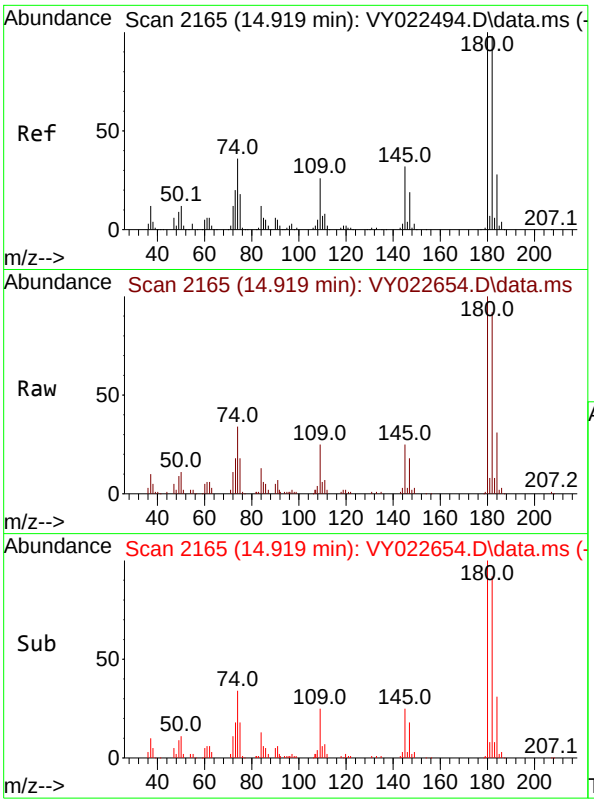


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.311 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 3788

Ion	Ratio	Lower	Upper
75	100		
155	92.9	39.9	119.6
157	113.7	54.0	162.0

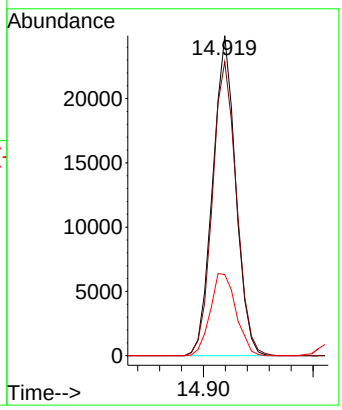




#93
1,2,4-Trichlorobenzene
Concen: 21.098 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:180 Resp: 3616

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.3
145	28.9	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

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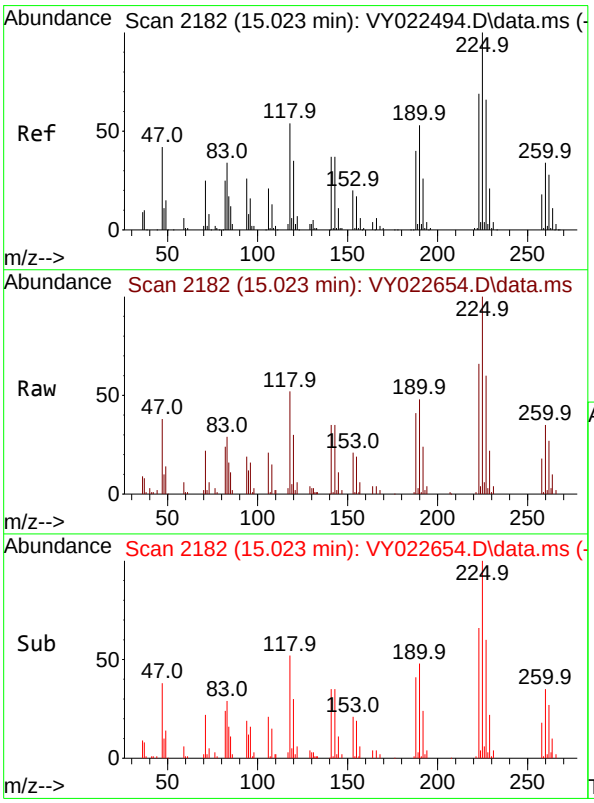
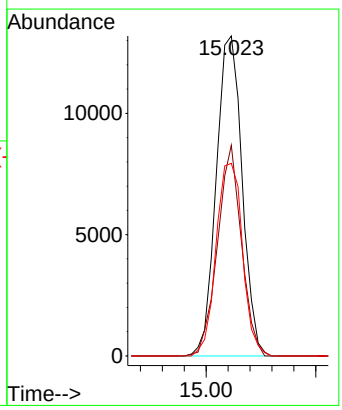
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

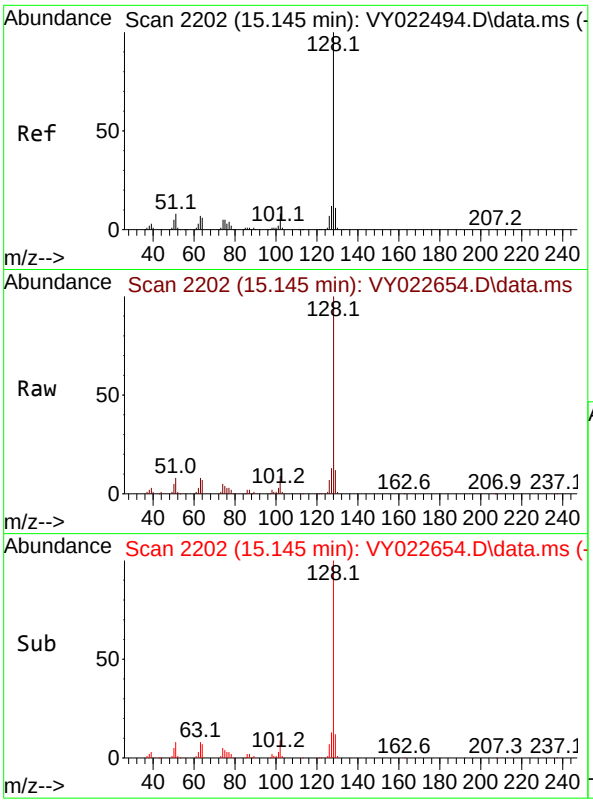


#94
Hexachlorobutadiene
Concen: 22.834 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:225 Resp: 21601

Ion	Ratio	Lower	Upper
225	100		
223	60.8	32.5	97.4
227	61.5	32.3	96.9

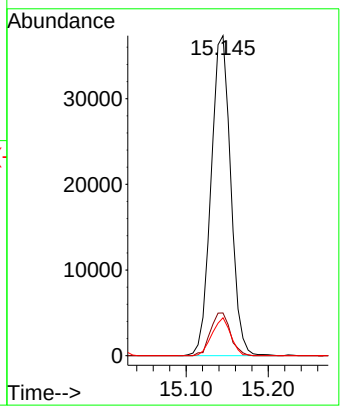




#95
Naphthalene
Concen: 18.852 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:128 Resp: 6200

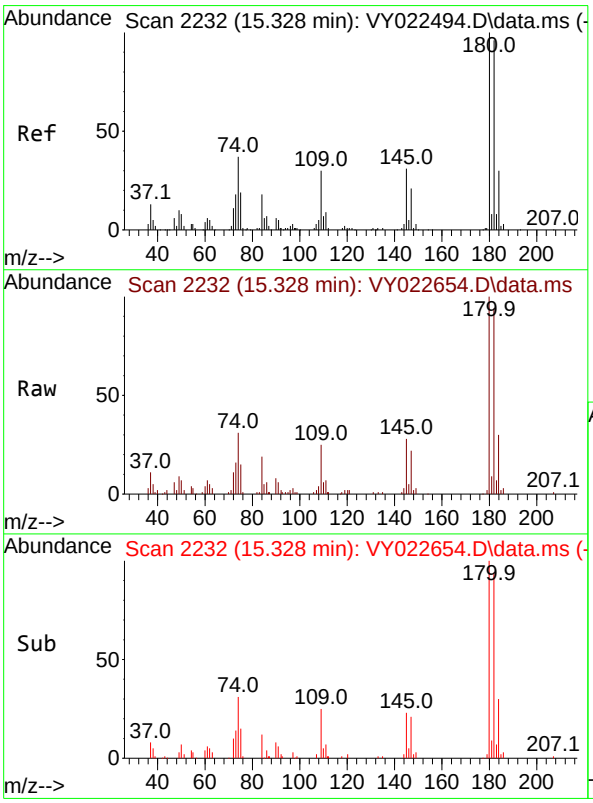
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.3	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Manual Integrations
APPROVED

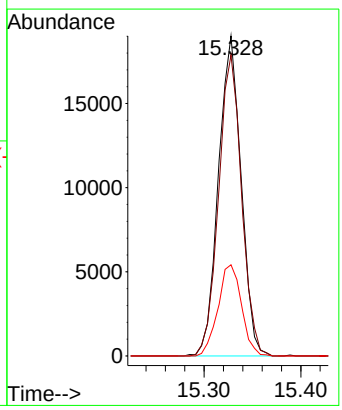
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 21.038 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:180 Resp: 30902

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.3
145	29.6	15.2	45.6



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VN0610WBSD01	SDG No.:	Q2251
Lab Sample ID:	VN0610WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086917.D	1		06/10/25 11:04	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	16.1		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	18.2		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	19.2		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	18.9		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.4		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	0.75	1.00	ug/L
67-64-1	Acetone	84.2		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	17.4		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.7		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	18.6		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.9		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	90.8		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.19	0.75	1.00	ug/L
67-66-3	Chloroform	18.7		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.4		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	16.3		0.16	0.50	1.00	ug/L
71-43-2	Benzene	19.0		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.9		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	19.7		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.5		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.3		0.68	2.50	5.00	ug/L
108-88-3	Toluene	19.4		0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.6		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.2		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	94.9		0.89	2.50	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VN0610WBSD01	SDG No.:	Q2251
Lab Sample ID:	VN0610WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086917.D	1		06/10/25 11:04	VN061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	20.9		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	18.4		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	19.8		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	18.8		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	38.0		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	19.7		0.12	0.50	1.00	ug/L
100-42-5	Styrene	19.8		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	21.0		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.9		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.5		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.3		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.9		81 - 118		94%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	48.1		89 - 112		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	231000	8.23				
540-36-3	1,4-Difluorobenzene	414000	9.106				
3114-55-4	Chlorobenzene-d5	362000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	177000	13.788				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086917.D
Acq On : 10 Jun 2025 11:04
Operator : JC\MD
Sample : VN0610WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 01:49:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	231054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	413772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	362257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	176612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	145233	46.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.900%		
35) Dibromofluoromethane	8.177	113	121998	49.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.500%		
50) Toluene-d8	10.565	98	466490	48.056	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.120%		
62) 4-Bromofluorobenzene	12.847	95	175162	48.568	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.140%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	43846	19.032	ug/l	100
3) Chloromethane	2.401	50	47921	16.109	ug/l	99
4) Vinyl Chloride	2.554	62	55854	18.201	ug/l	97
5) Bromomethane	3.001	94	33013	19.224	ug/l	99
6) Chloroethane	3.159	64	37499	18.918	ug/l	98
7) Trichlorofluoromethane	3.530	101	74826	18.663	ug/l	96
8) Diethyl Ether	3.983	74	34988	20.029	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.406	101	46258	18.364	ug/l	99
10) Methyl Iodide	4.612	142	51389	15.737	ug/l	97
11) Tert butyl alcohol	5.536	59	73802	87.922	ug/l	100
12) 1,1-Dichloroethene	4.365	96	48271	18.770	ug/l	93
13) Acrolein	4.200	56	22666	85.306	ug/l	98
14) Allyl chloride	5.042	41	73405m	17.211	ug/l	
15) Acrylonitrile	5.736	53	186199	94.903	ug/l	100
16) Acetone	4.448	43	138199	84.240	ug/l	98
17) Carbon Disulfide	4.742	76	123418	17.350	ug/l	99
18) Methyl Acetate	5.047	43	88921	18.600	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	183666	19.725	ug/l	100
20) Methylene Chloride	5.300	84	57241	18.637	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	52483	18.343	ug/l	95
22) Diisopropyl ether	6.689	45	170908	19.010	ug/l	97
23) Vinyl Acetate	6.618	43	736239	96.927	ug/l	99
24) 1,1-Dichloroethane	6.589	63	97772	18.898	ug/l	98
25) 2-Butanone	7.494	43	242113	90.793	ug/l	97
26) 2,2-Dichloropropane	7.500	77	81738	20.310	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	65817	19.234	ug/l	98
28) Bromochloromethane	7.824	49	45149	17.749	ug/l	93
29) Tetrahydrofuran	7.847	42	160602	92.453	ug/l	97
30) Chloroform	7.977	83	96850	18.745	ug/l	98
31) Cyclohexane	8.265	56	84710	16.883	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	80954	18.422	ug/l	92
36) 1,1-Dichloropropene	8.383	75	68715	18.806	ug/l	99
37) Ethyl Acetate	7.571	43	88311	18.986	ug/l	99
38) Carbon Tetrachloride	8.371	117	68754	19.166	ug/l	96
39) Methylcyclohexane	9.606	83	81502	16.281	ug/l	95
40) Benzene	8.612	78	227384	19.031	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086917.D
Acq On : 10 Jun 2025 11:04
Operator : JC\MD
Sample : VN0610WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 01:49:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	48259	18.474	ug/l		94
42) 1,2-Dichloroethane	8.677	62	72029	19.875	ug/l		100
43) Isopropyl Acetate	8.694	43	142783	19.126	ug/l		98
44) Trichloroethene	9.359	130	55729	19.670	ug/l		99
45) 1,2-Dichloropropane	9.624	63	56820	19.547	ug/l		99
46) Dibromomethane	9.712	93	39978	20.706	ug/l		98
47) Bromodichloromethane	9.888	83	79316	19.966	ug/l		95
48) Methyl methacrylate	9.682	41	64349	18.727	ug/l		97
49) 1,4-Dioxane	9.700	88	23335	373.296	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.447	43	441787	98.299	ug/l		99
52) Toluene	10.635	92	141711	19.407	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	91686	20.640	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	96403	20.283	ug/l		98
55) 1,1,2-Trichloroethane	11.018	97	56698	20.180	ug/l		98
56) Ethyl methacrylate	10.882	69	92581	20.688	ug/l		95
57) 1,3-Dichloropropane	11.165	76	97585	20.022	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	250113	93.704	ug/l		98
59) 2-Hexanone	11.206	43	274607	94.857	ug/l		97
60) Dibromochloromethane	11.359	129	61225	20.915	ug/l		99
61) 1,2-Dibromoethane	11.471	107	58392	20.276	ug/l		98
64) Tetrachloroethene	11.106	164	42169	18.394	ug/l		98
65) Chlorobenzene	11.888	112	158329	19.817	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	52090	20.282	ug/l		99
67) Ethyl Benzene	11.965	91	258528	18.785	ug/l		99
68) m/p-Xylenes	12.071	106	200337	38.028	ug/l		99
69) o-Xylene	12.400	106	99445	19.710	ug/l		98
70) Styrene	12.412	104	170919	19.797	ug/l		100
71) Bromoform	12.576	173	39872	20.953	ug/l	#	96
73) Isopropylbenzene	12.694	105	239786	18.637	ug/l		100
74) N-amyl acetate	12.529	43	94962	21.121	ug/l	#	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	91175	20.917	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	76089m	18.125	ug/l		
77) Bromobenzene	12.982	156	60355	20.455	ug/l		100
78) n-propylbenzene	13.035	91	284206	18.176	ug/l		100
79) 2-Chlorotoluene	13.123	91	175915	18.760	ug/l		97
80) 1,3,5-Trimethylbenzene	13.170	105	195958	18.447	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	35153	19.275	ug/l		94
82) 4-Chlorotoluene	13.218	91	180752	19.051	ug/l		98
83) tert-Butylbenzene	13.435	119	177514	18.256	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	200229	18.797	ug/l		100
85) sec-Butylbenzene	13.618	105	242849	17.198	ug/l		100
86) p-Isopropyltoluene	13.729	119	205414	17.598	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	113354	19.526	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	114393	19.327	ug/l		97
89) n-Butylbenzene	14.053	91	187901	16.619	ug/l		99
90) Hexachloroethane	14.329	117	34646	17.510	ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	110330	19.781	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20166	19.345	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	61228	17.191	ug/l		99
94) Hexachlorobutadiene	15.500	225	18980	14.304	ug/l		98
95) Naphthalene	15.635	128	252396	19.039	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	58621	16.566	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086917.D
Acq On : 10 Jun 2025 11:04
Operator : JC\MD
Sample : VN0610WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 01:49:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

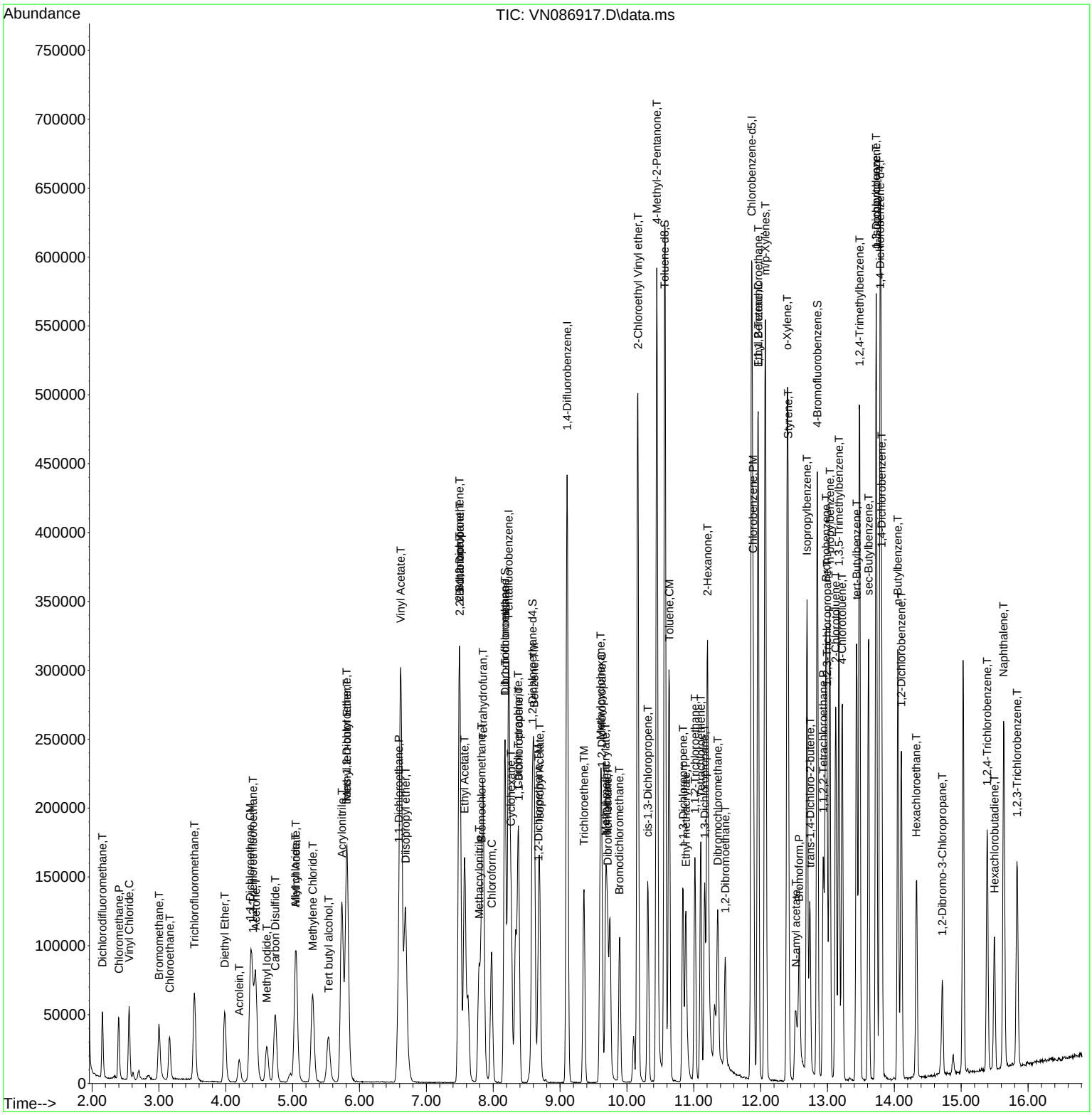
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086917.D
Acq On : 10 Jun 2025 11:04
Operator : JC\MD
Sample : VN0610WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

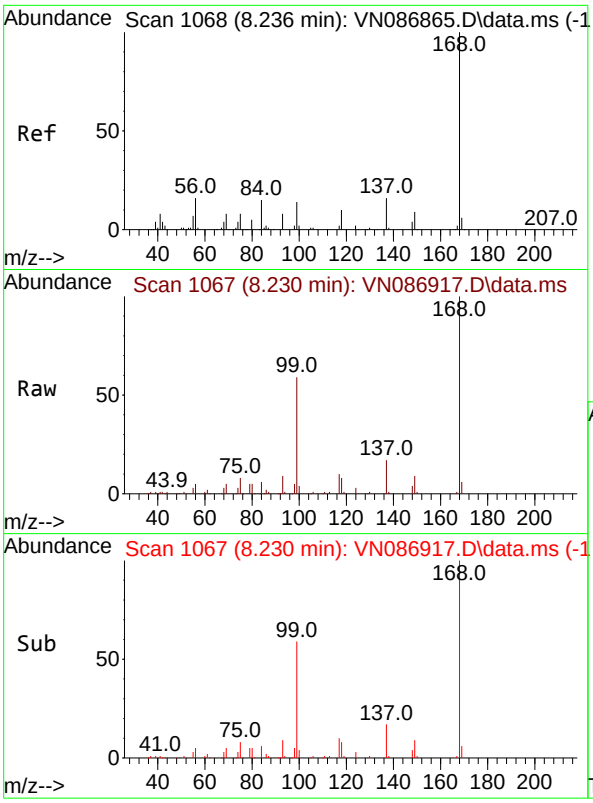
Quant Time: Jun 11 01:49:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

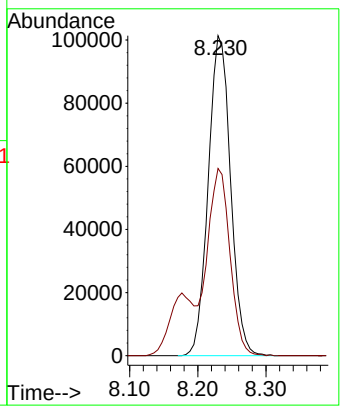




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:168 Resp: 23105

Ion	Ratio	Lower	Upper
168	100		
99	58.5	49.1	73.7



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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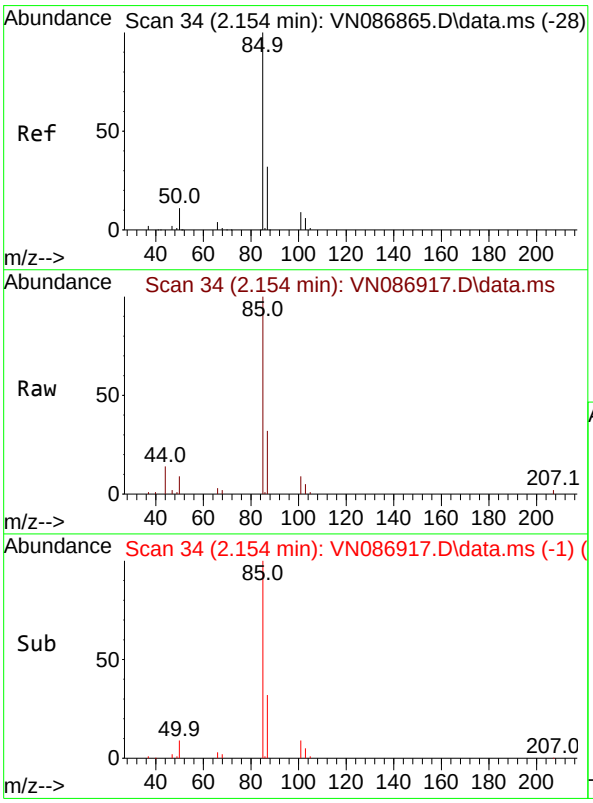
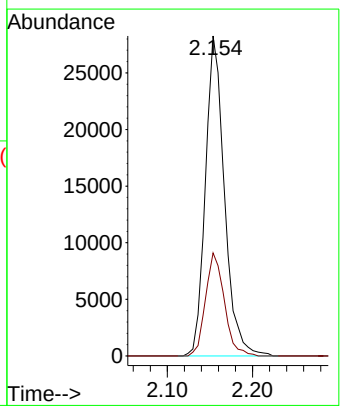
Supervised By :Mahesh Dadoda 06/11/2025

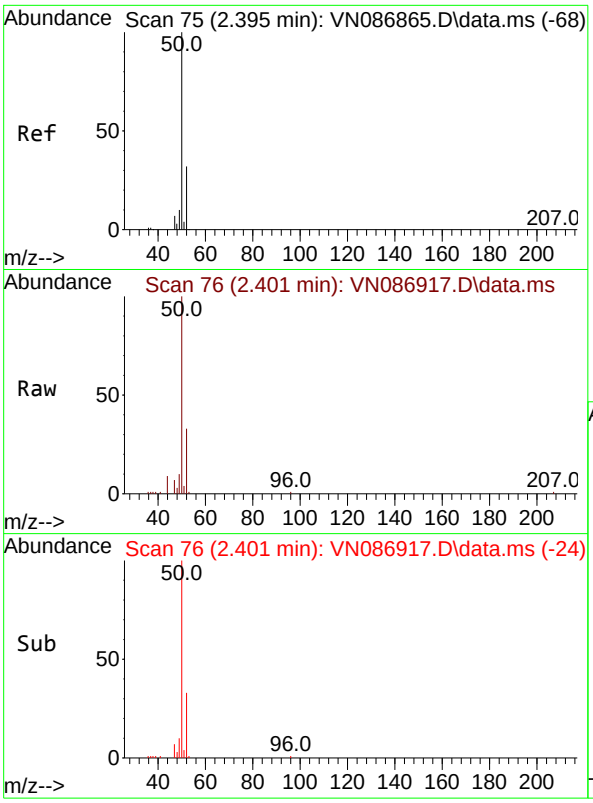


#2
Dichlorodifluoromethane
Concen: 19.032 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 85 Resp: 43846

Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.6

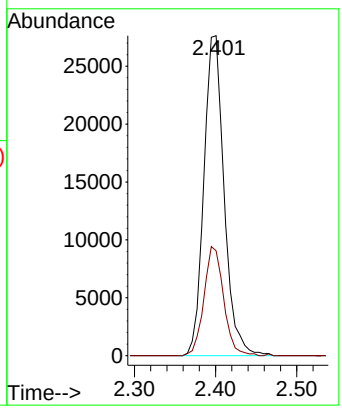




#3
Chloromethane
Concen: 16.109 ug/l
RT: 2.401 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 50 Resp: 4792

Ion	Ratio	Lower	Upper
50	100		
52	32.7	25.7	38.5



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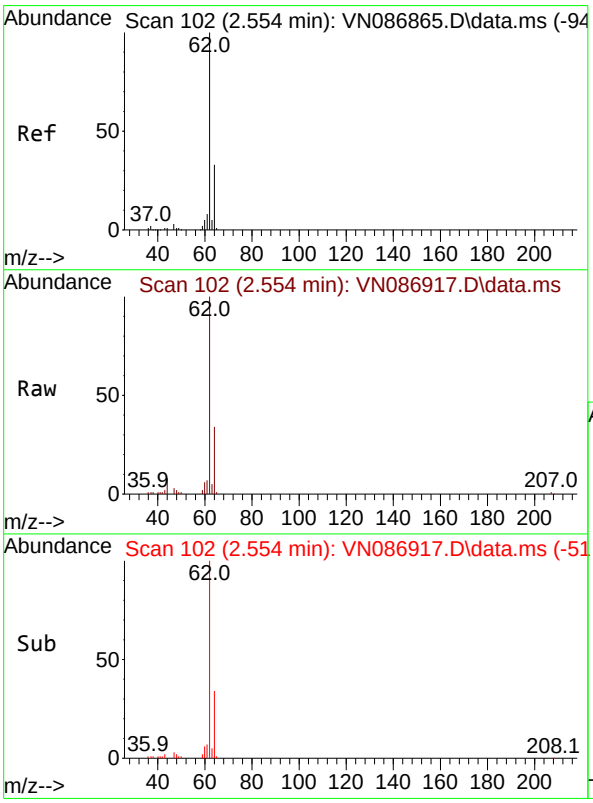
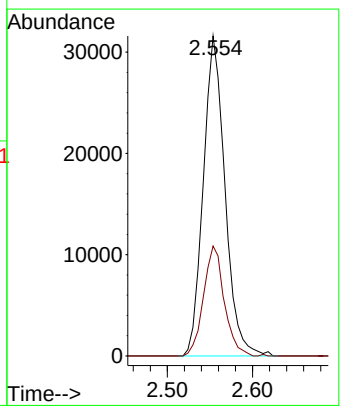
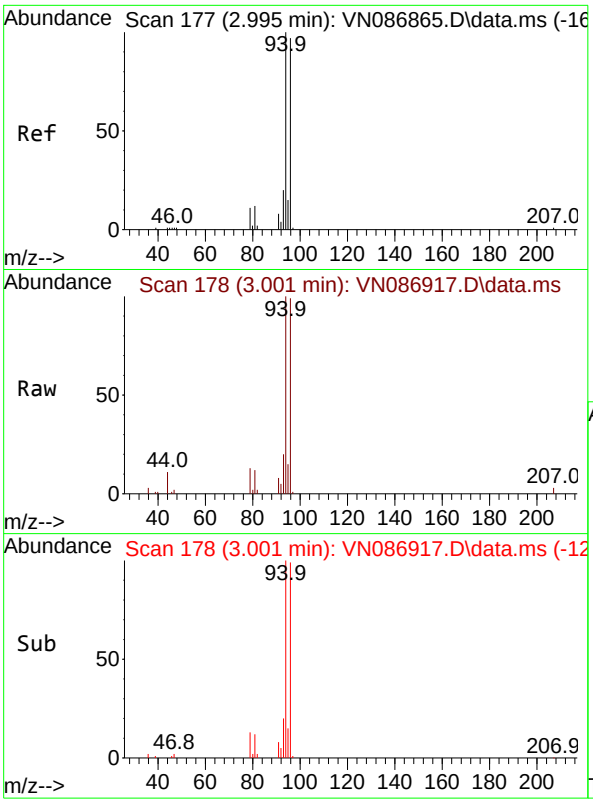


#4
Vinyl Chloride
Concen: 18.201 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 62 Resp: 55854

Ion	Ratio	Lower	Upper
62	100		
64	34.4	26.0	39.0

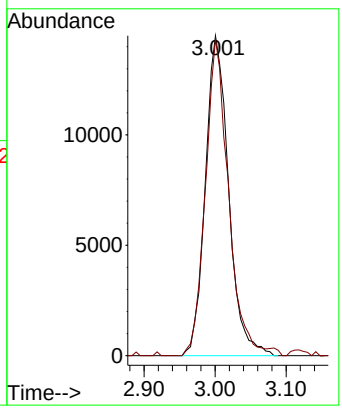




#5
Bromomethane
Concen: 19.224 ug/l
RT: 3.001 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 94 Resp: 3301

Ion	Ratio	Lower	Upper
94	100		
96	98.8	77.9	116.9



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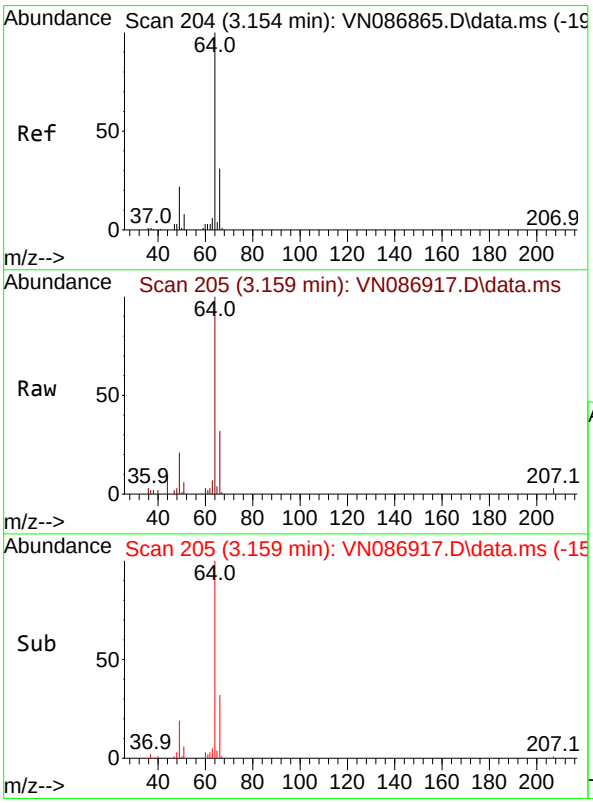
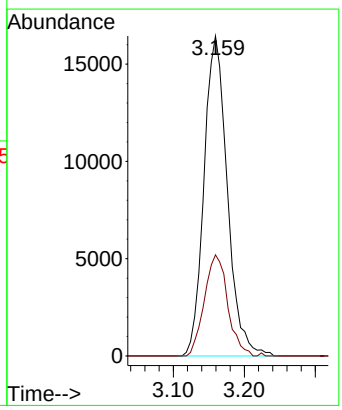
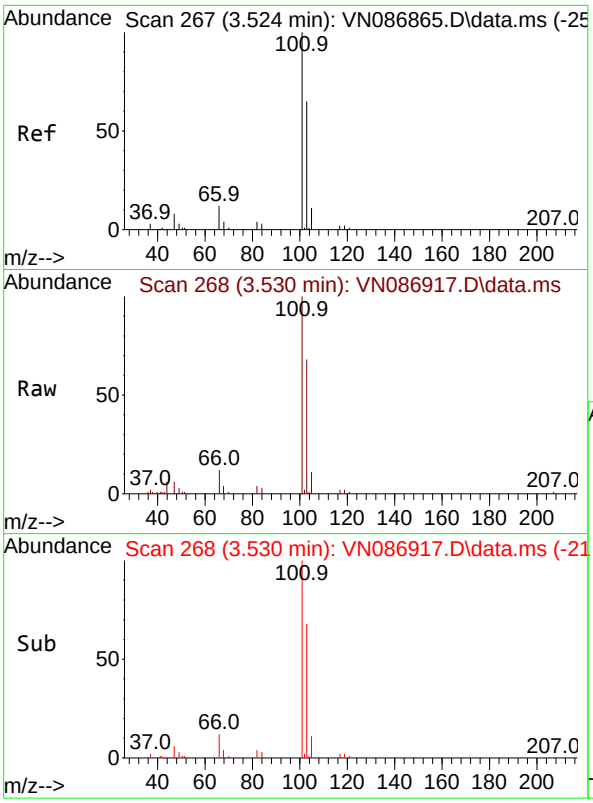


#6
Chloroethane
Concen: 18.918 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 64 Resp: 37499

Ion	Ratio	Lower	Upper
64	100		
66	31.6	24.6	36.8

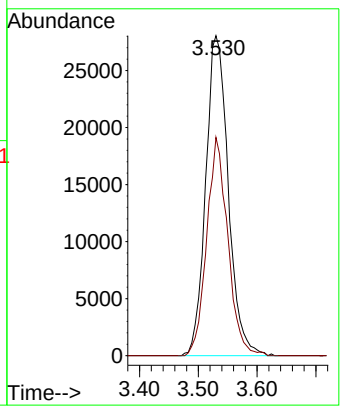




#7
Trichlorofluoromethane
Concen: 18.663 ug/l
RT: 3.530 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:101 Resp: 7482

Ion	Ratio	Lower	Upper
101	100		
103	68.2	52.2	78.2



Instrument :
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ClientSampleId :
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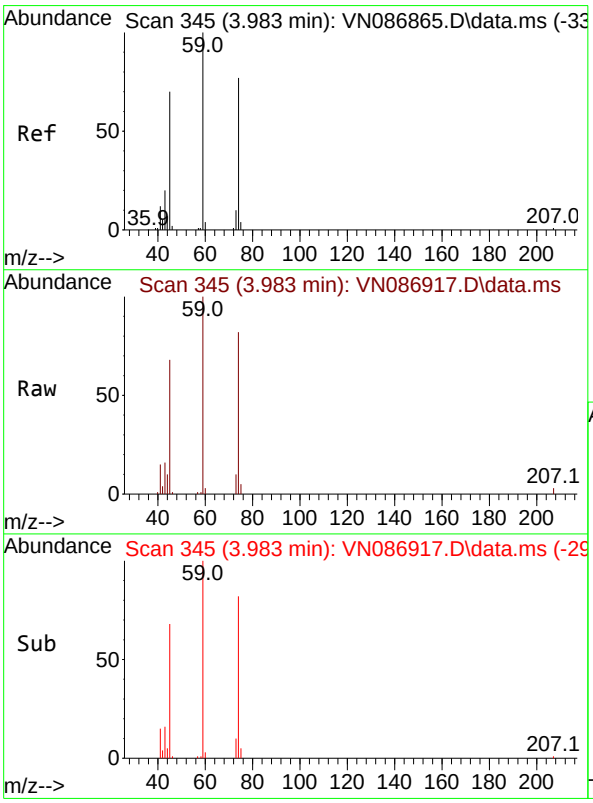
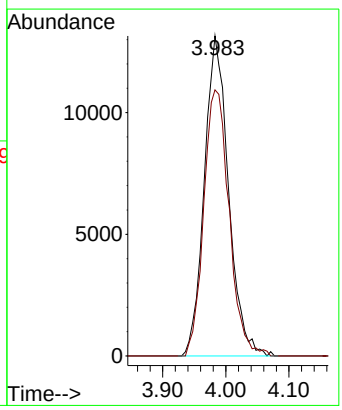
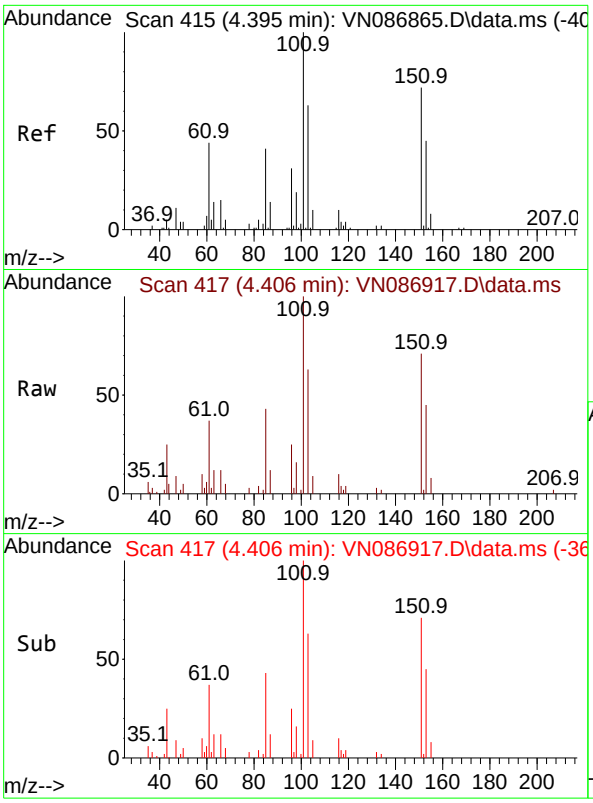


#8
Diethyl Ether
Concen: 20.029 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 74 Resp: 34988

Ion	Ratio	Lower	Upper
74	100		
45	87.5	45.5	136.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.364 ug/l
RT: 4.406 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:101 Resp: 4625

Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.8	50.8
151	75.0	58.7	88.1

Instrument :
MSVOA_N
ClientSampleId :
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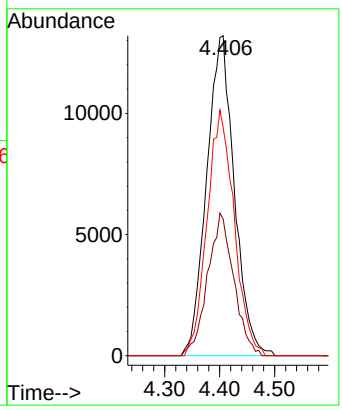
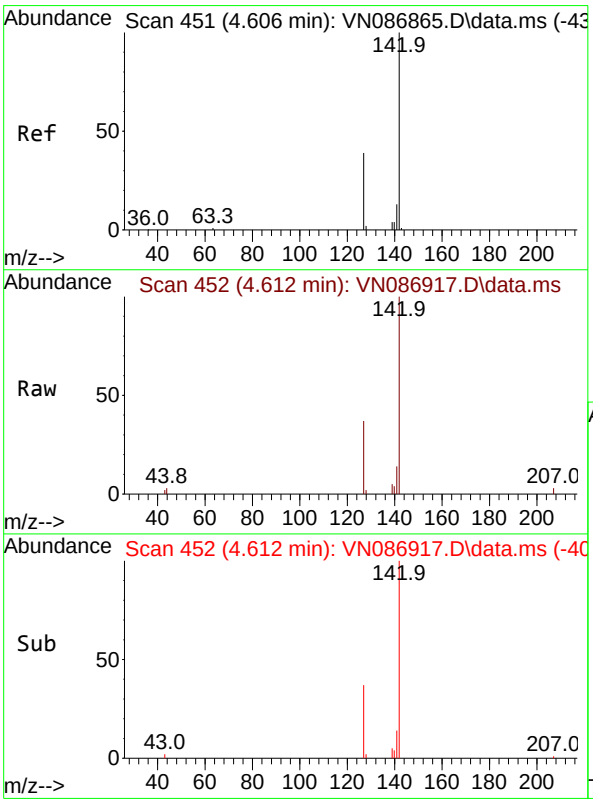
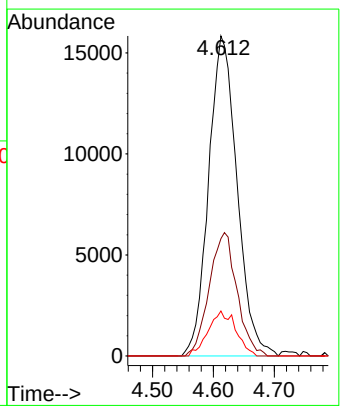


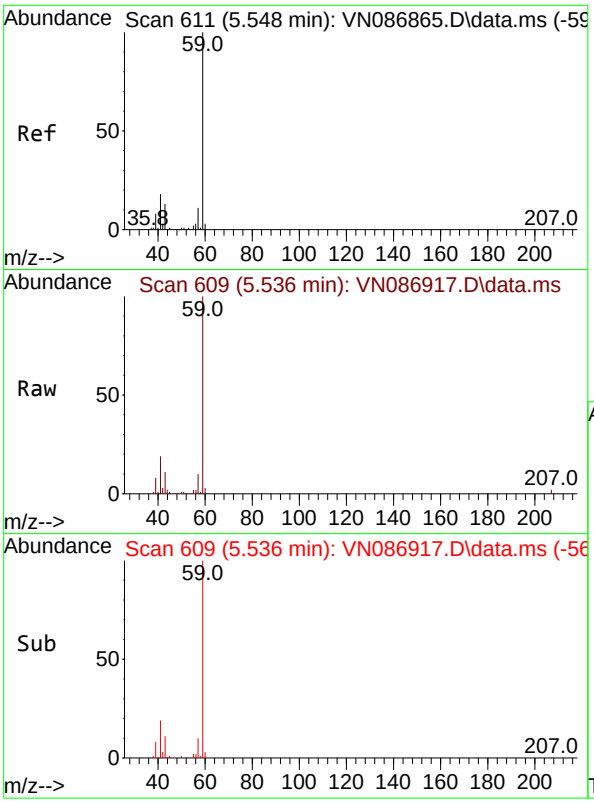


#10
Methyl Iodide
Concen: 15.737 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:142 Resp: 51389

Ion	Ratio	Lower	Upper
142	100		
127	36.7	30.9	46.3
141	14.0	10.4	15.6

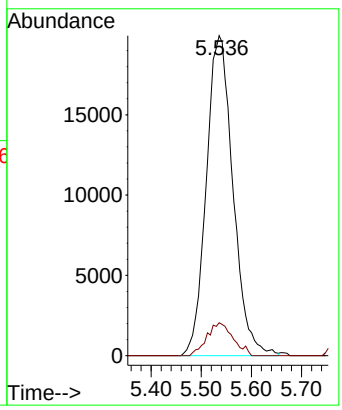




#11
Tert butyl alcohol
Concen: 87.922 ug/l
RT: 5.536 min Scan# 6
Delta R.T. -0.012 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 59 Resp: 7380

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1



Instrument :
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ClientSampleId :
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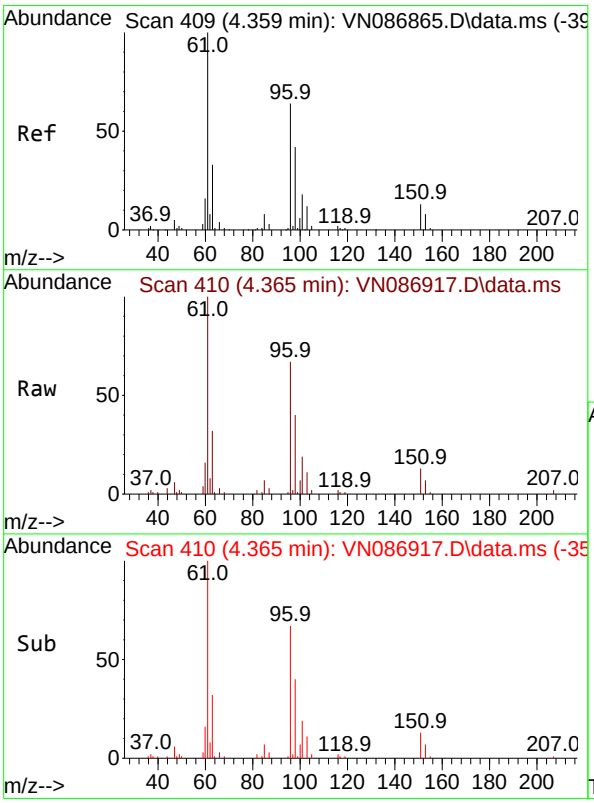
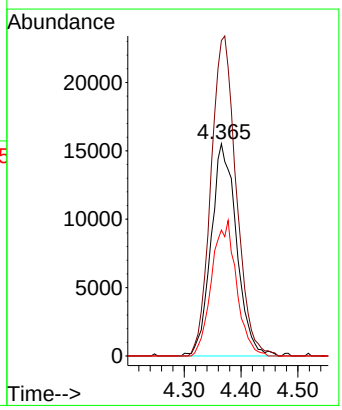
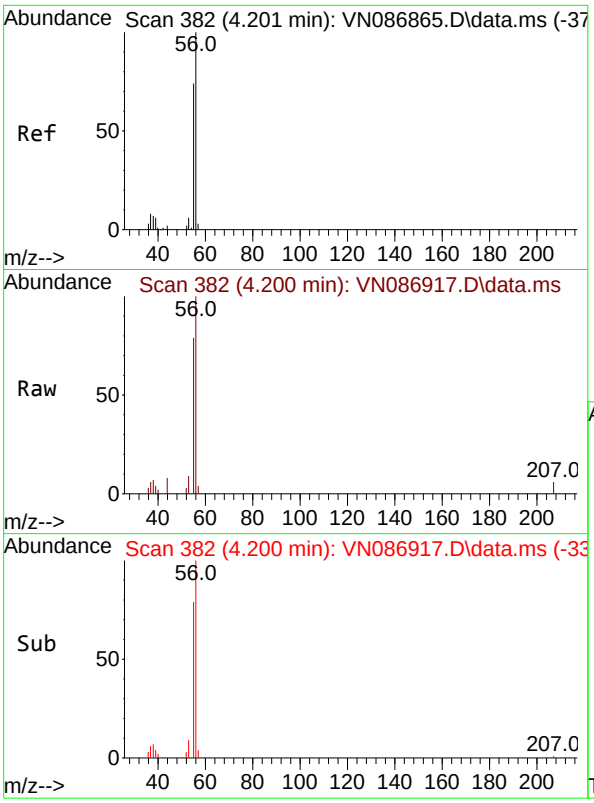


#12
1,1-Dichloroethene
Concen: 18.770 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 96 Resp: 48271

Ion	Ratio	Lower	Upper
96	100		
61	148.6	125.8	188.6
98	59.3	52.5	78.7

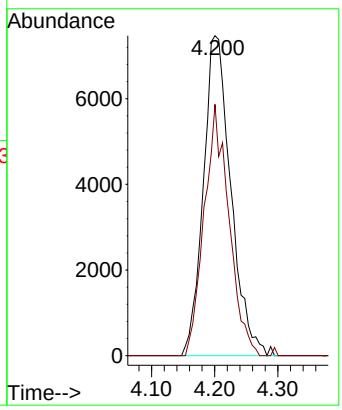




#13
Acrolein
Concen: 85.306 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 56 Resp: 2266

Ion	Ratio	Lower	Upper
56	100		
55	70.7	55.6	83.4



Instrument :
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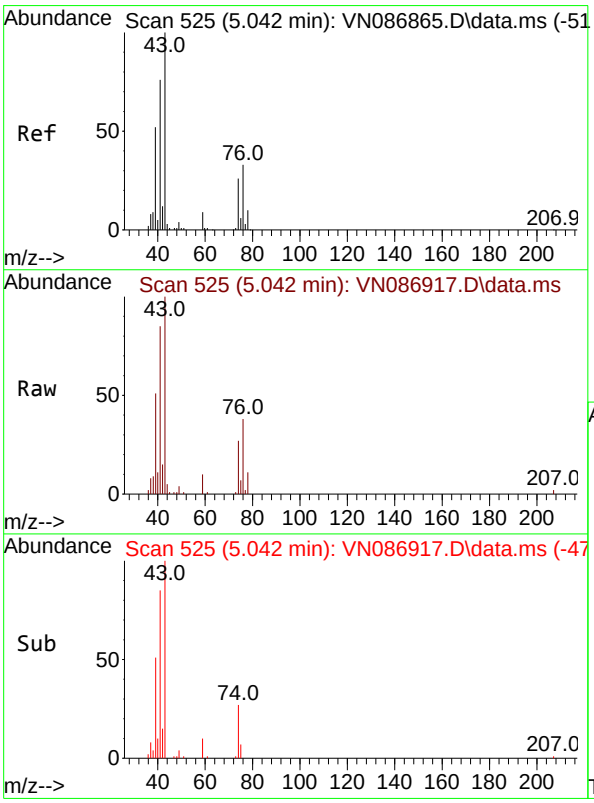
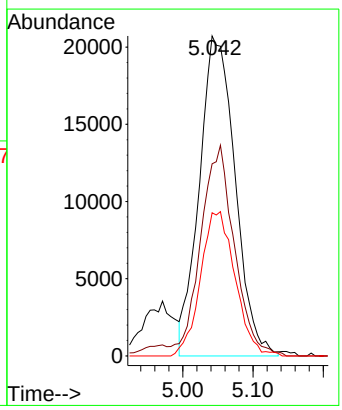
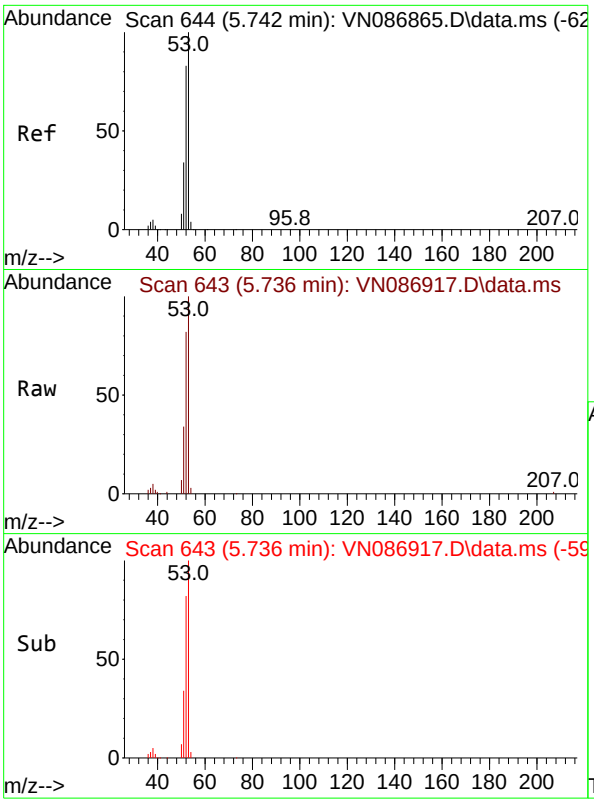


#14
Allyl chloride
Concen: 17.211 ug/l m
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 41 Resp: 73405

Ion	Ratio	Lower	Upper
41	100		
39	61.9	51.3	76.9
76	43.5	31.4	47.0





#15
Acrylonitrile
Concen: 94.903 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 53 Resp: 18619

Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.0	97.6
51	34.1	27.2	40.8

Instrument :
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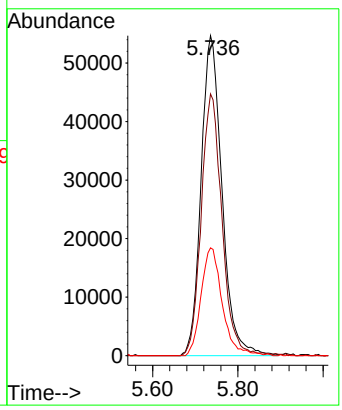
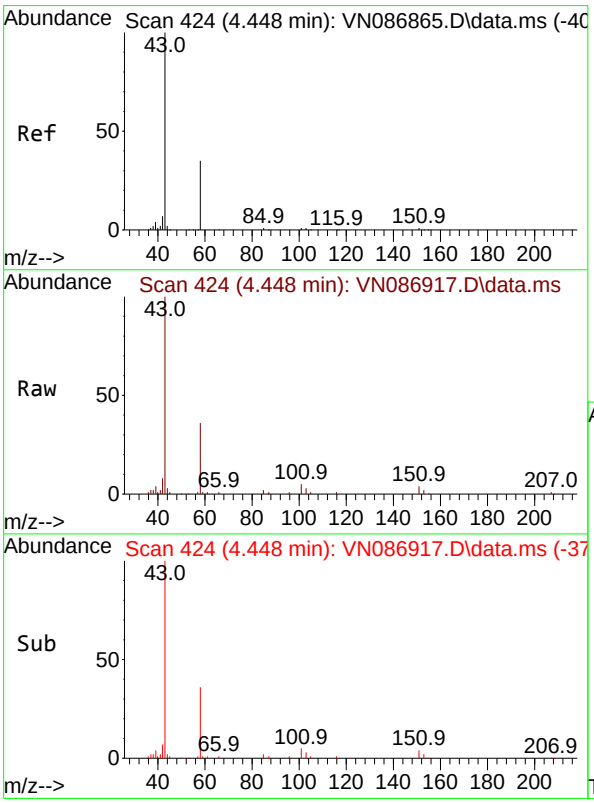
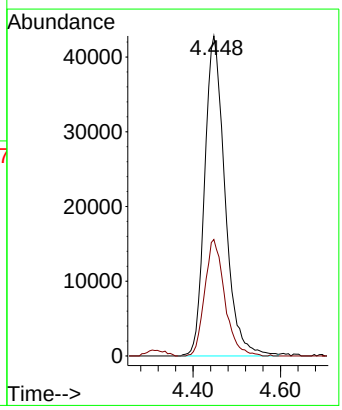


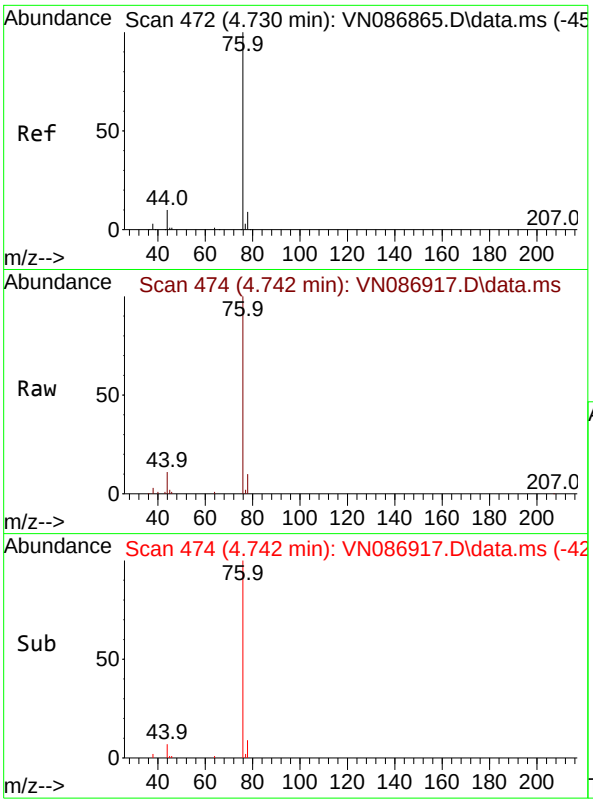


#16
Acetone
Concen: 84.240 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 138199

Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.0	42.0

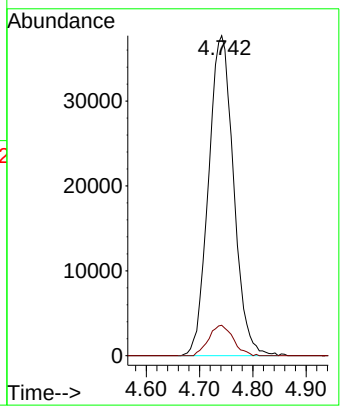




#17
Carbon Disulfide
Concen: 17.350 ug/l
RT: 4.742 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 76 Resp: 12341

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9



Instrument :
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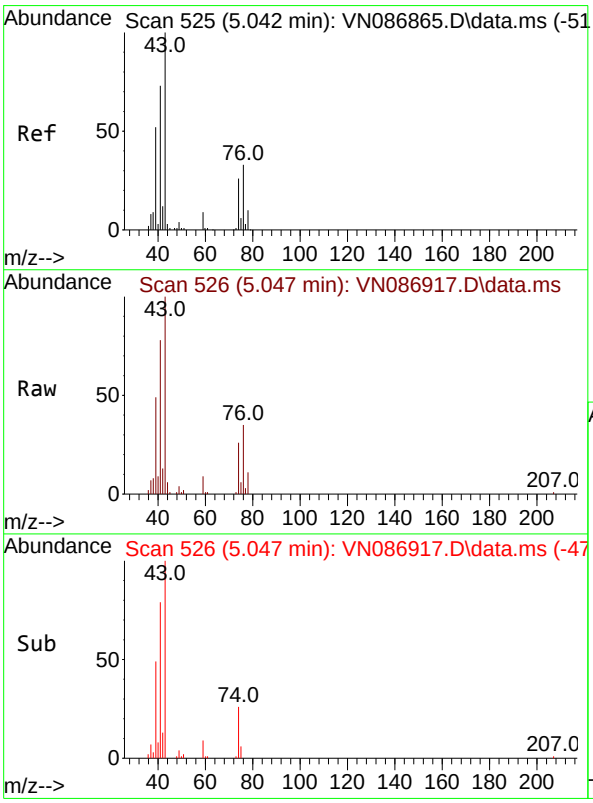
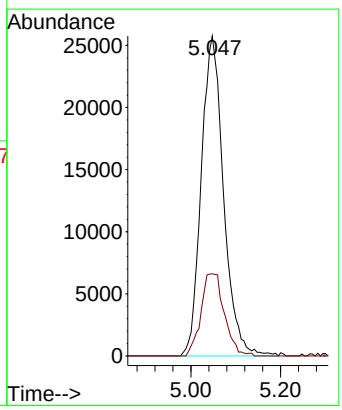
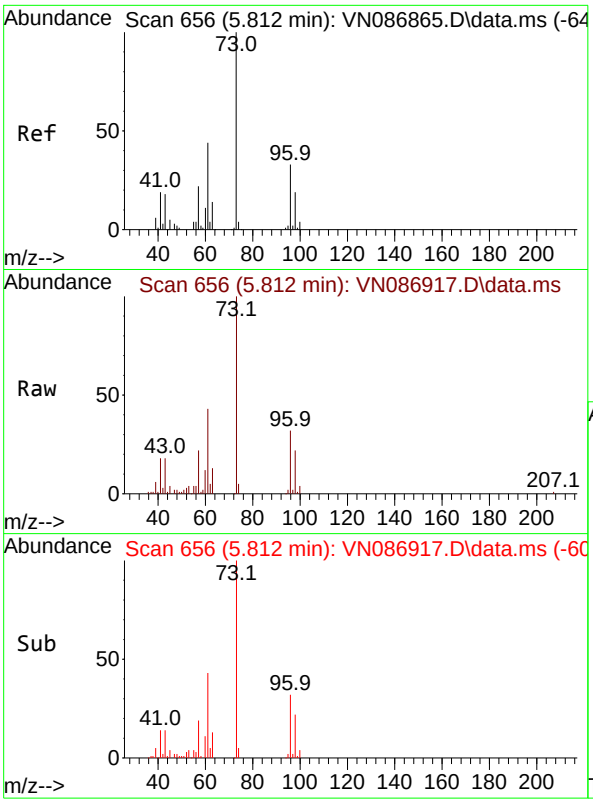


#18
Methyl Acetate
Concen: 18.600 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 88921

Ion	Ratio	Lower	Upper
43	100		
74	26.9	20.7	31.1

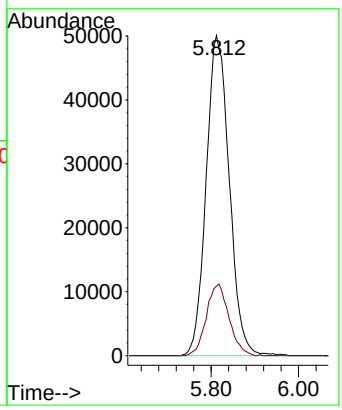




#19
Methyl tert-butyl Ether
Concen: 19.725 ug/l
RT: 5.812 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 73 Resp: 18366

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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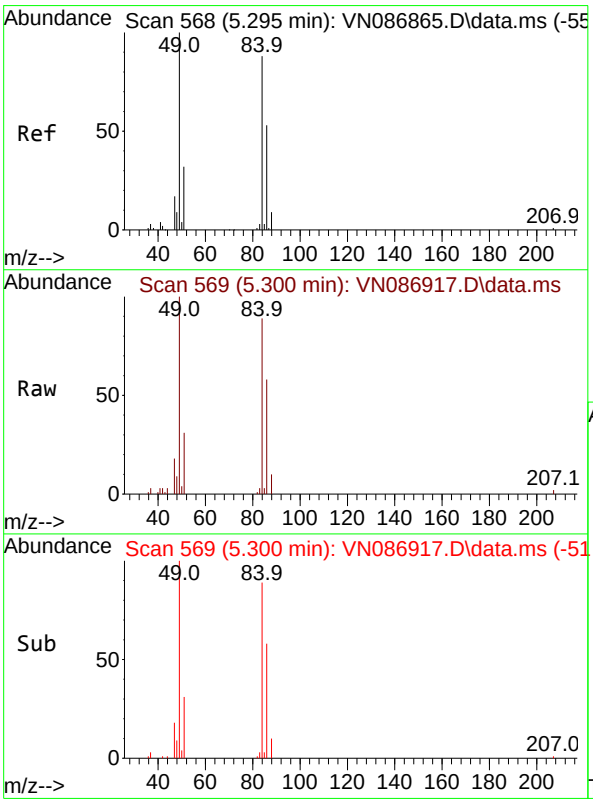
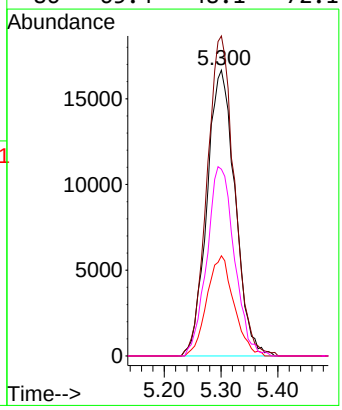
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

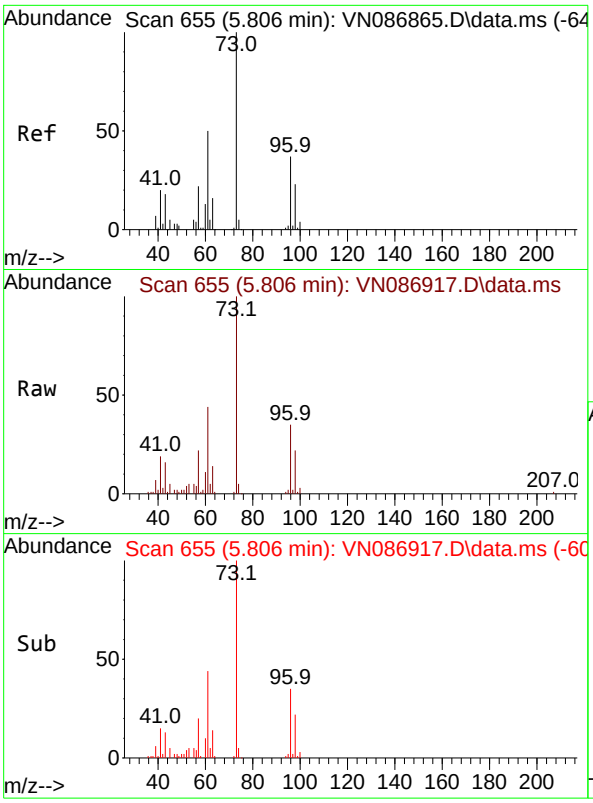


#20
Methylene Chloride
Concen: 18.637 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 84 Resp: 57241

Ion	Ratio	Lower	Upper
84	100		
49	112.0	90.5	135.7
51	35.1	28.5	42.7
86	65.4	48.1	72.1

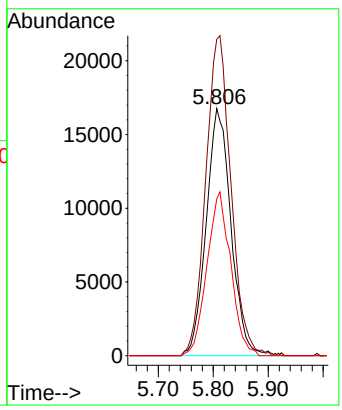




#21
trans-1,2-Dichloroethene
Concen: 18.343 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 96 Resp: 5248

Ion	Ratio	Lower	Upper
96	100		
61	128.1	109.2	163.8
98	63.5	49.8	74.8



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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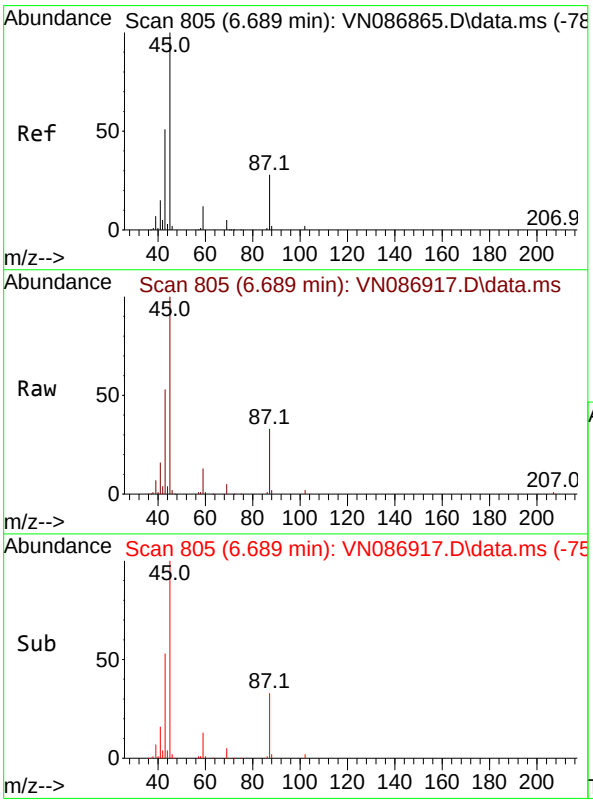
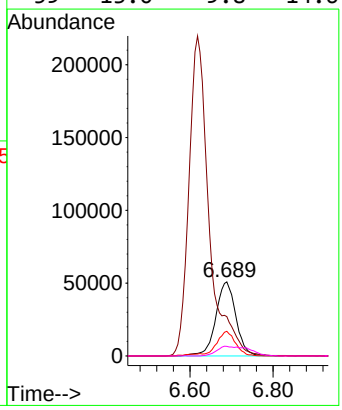
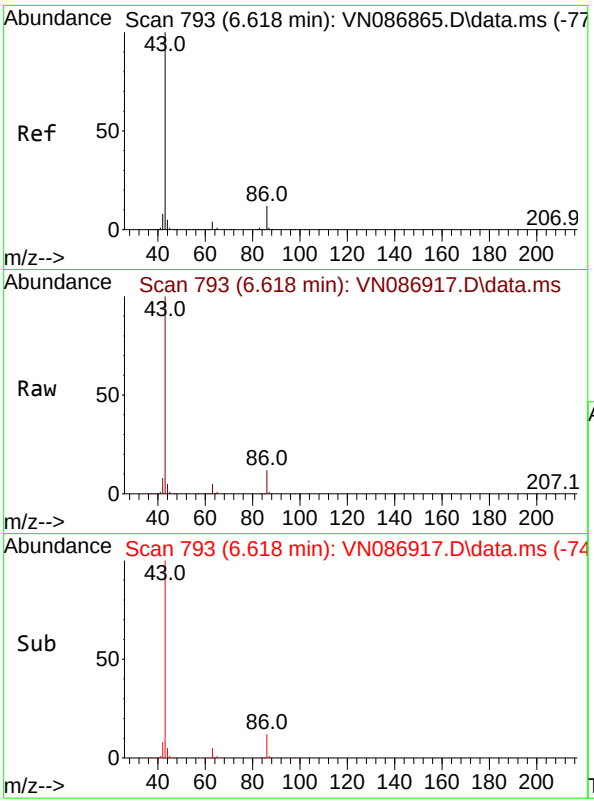


#22
Diisopropyl ether
Concen: 19.010 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 45 Resp: 170908

Ion	Ratio	Lower	Upper
45	100		
43	52.4	41.9	62.9
87	33.2	22.4	33.6
59	13.0	9.8	14.6

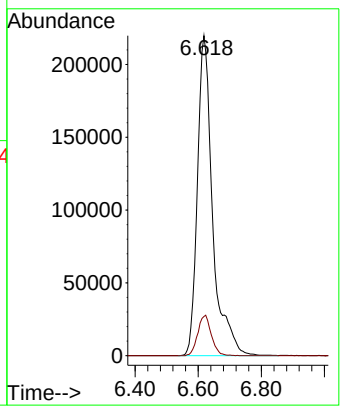




#23
Vinyl Acetate
Concen: 96.927 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 73623

Ion	Ratio	Lower	Upper
43	100		
86	12.3	9.5	14.3



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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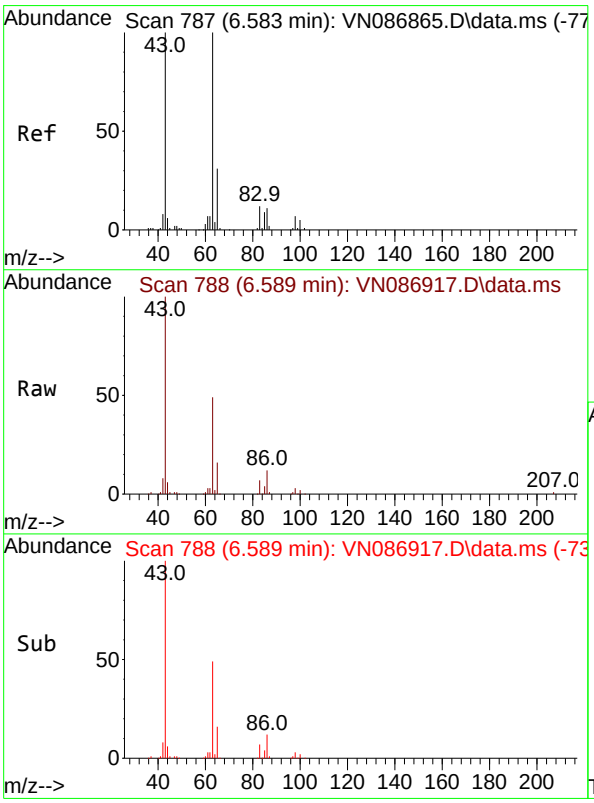
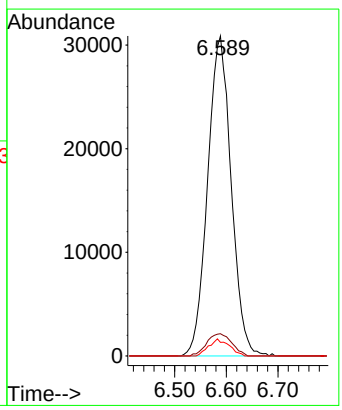
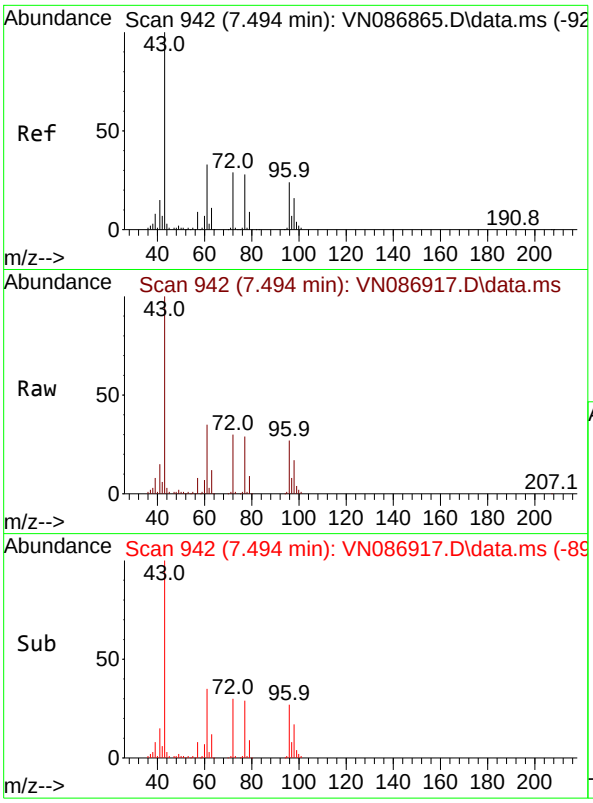


#24
1,1-Dichloroethane
Concen: 18.898 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 63 Resp: 97772

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	4.3	2.6	7.8





#25
2-Butanone
Concen: 90.793 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 24211

Ion	Ratio	Lower	Upper
43	100		
72	30.3	23.0	34.6

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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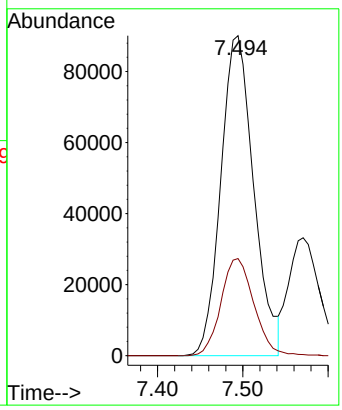
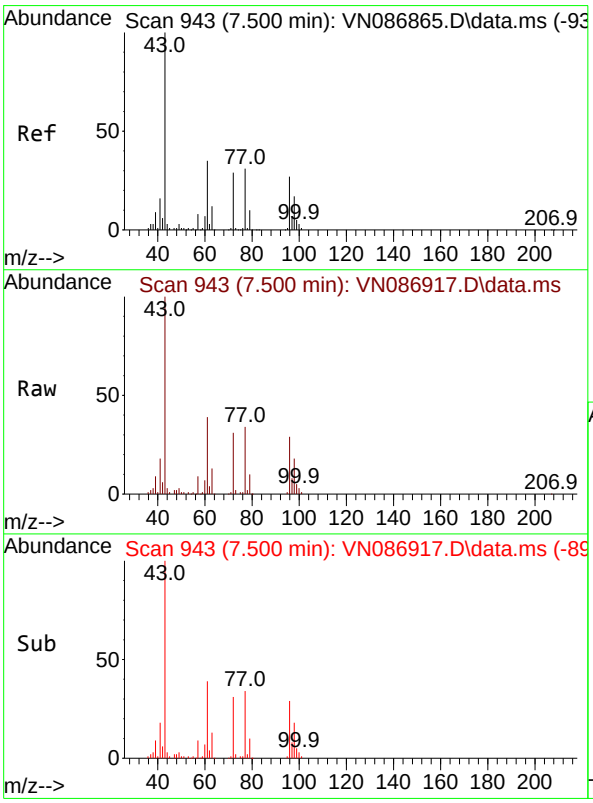
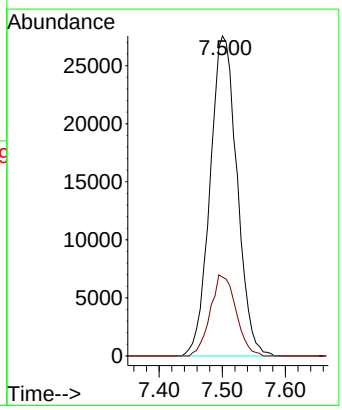


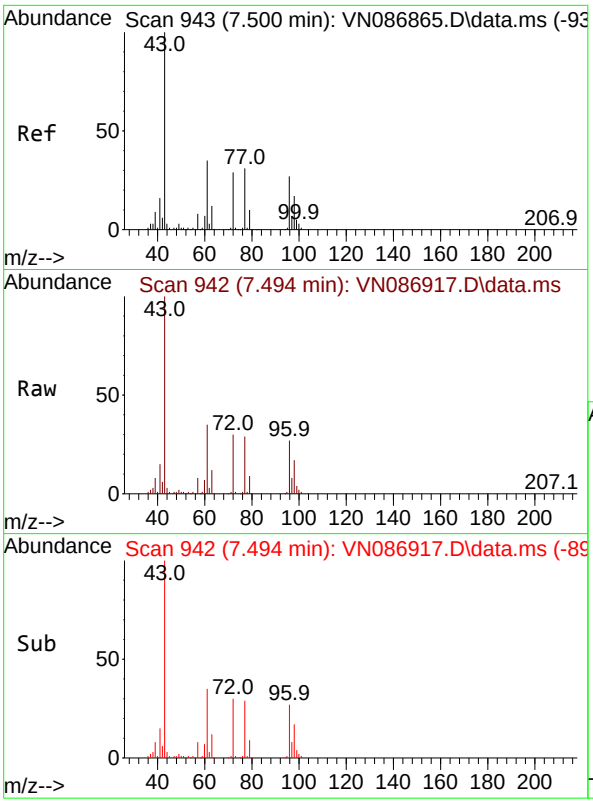


#26
2,2-Dichloropropane
Concen: 20.310 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 77 Resp: 81738

Ion	Ratio	Lower	Upper
77	100		
97	24.2	11.6	34.7





#27
cis-1,2-Dichloroethene
Concen: 19.234 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 96 Resp: 6581

Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	278.0
98	63.3	0.0	128.2

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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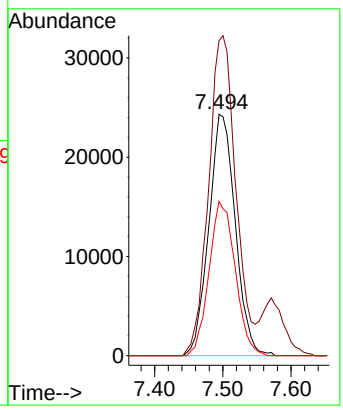
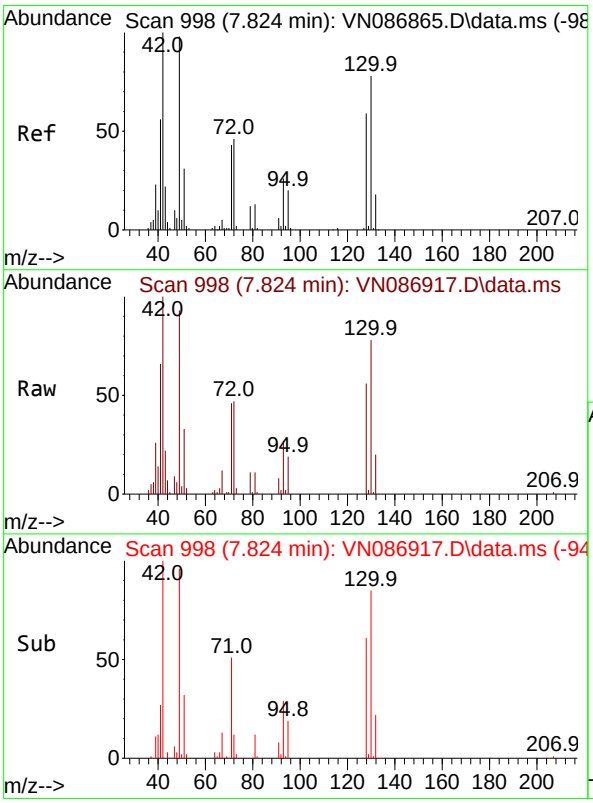
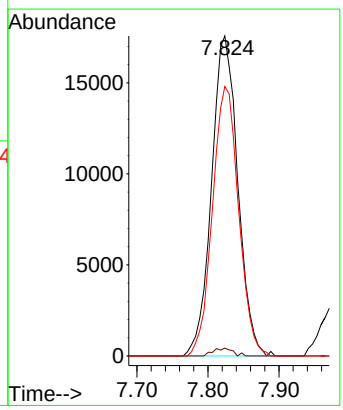


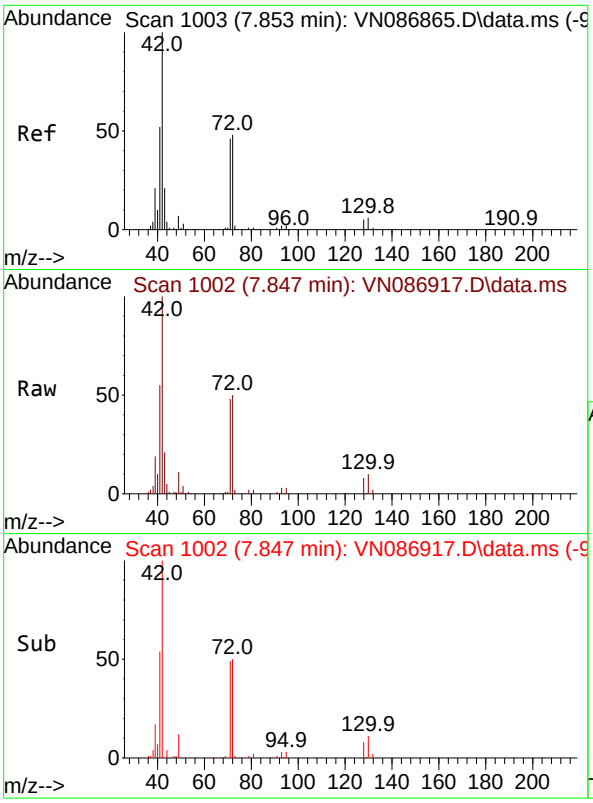


#28
Bromochloromethane
Concen: 17.749 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 49 Resp: 45149

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	83.7	62.2	93.2





#29
Tetrahydrofuran
Concen: 92.453 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 42 Resp: 16060

Ion	Ratio	Lower	Upper
42	100		
72	50.0	37.8	56.6
71	46.0	35.6	53.4

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Manual Integrations
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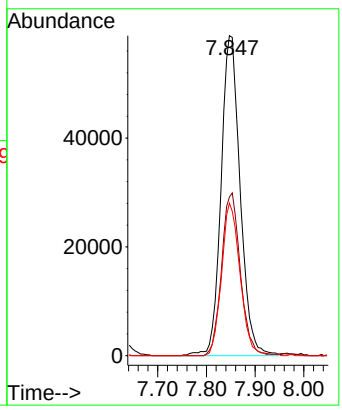
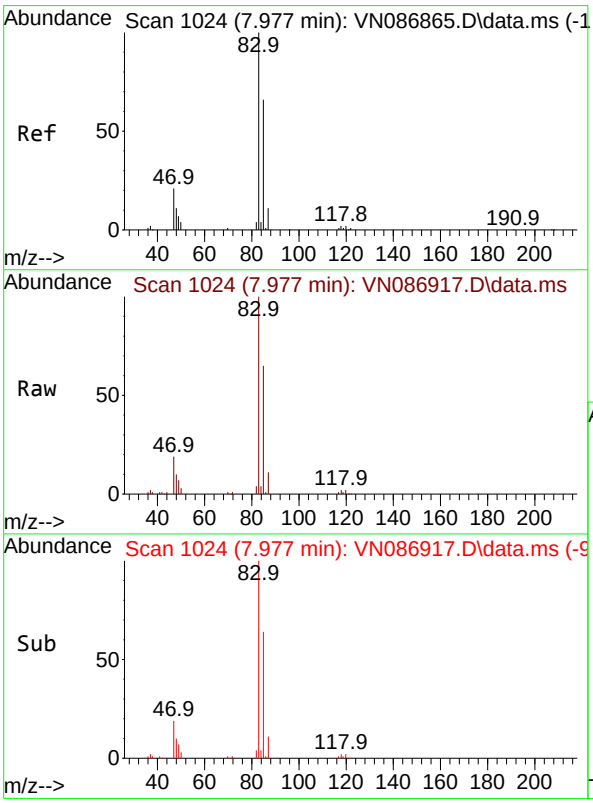
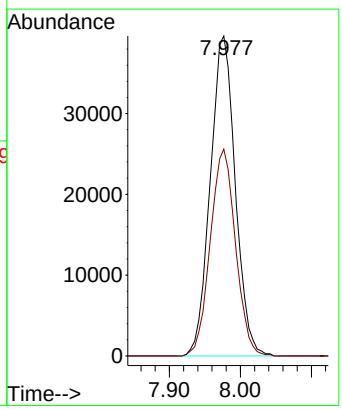


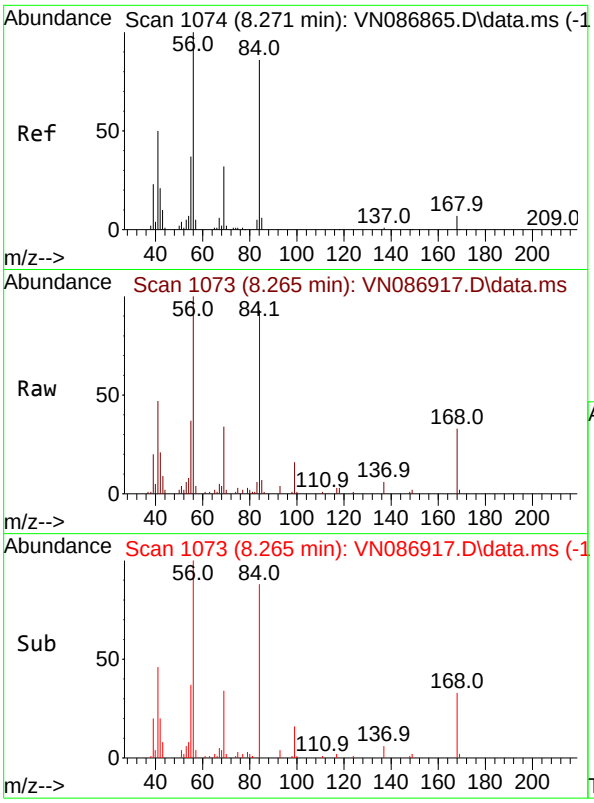


#30
Chloroform
Concen: 18.745 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 83 Resp: 96850

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.9	79.3

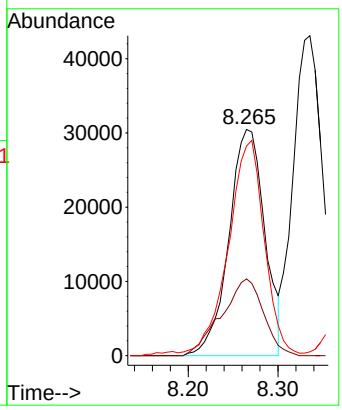




#31
Cyclohexane
Concen: 16.883 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 56 Resp: 8471

Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.4	38.0
84	91.3	68.8	103.2



Instrument :
MSVOA_N
ClientSampleId :
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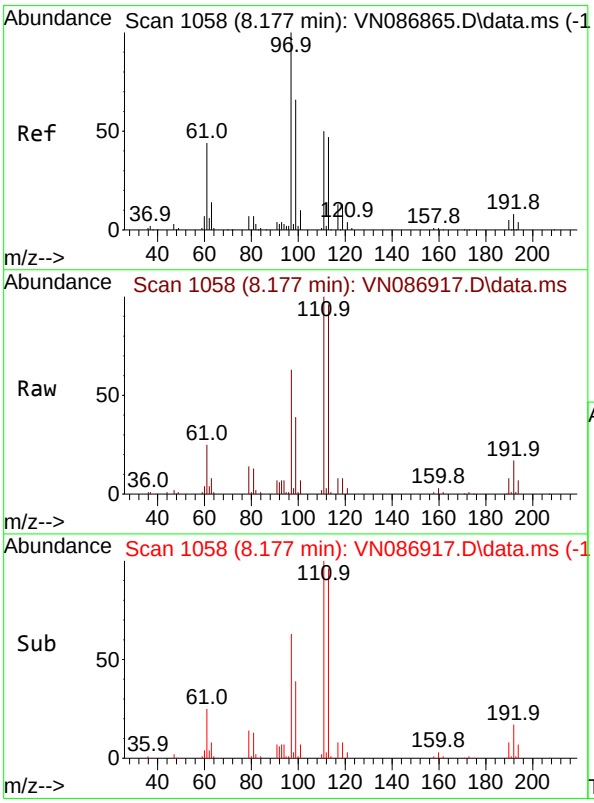
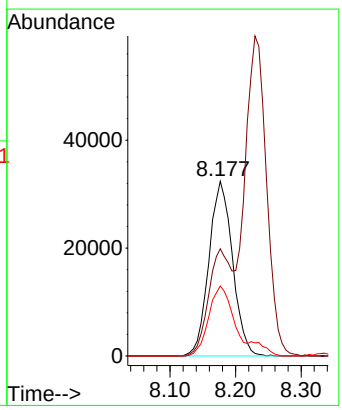
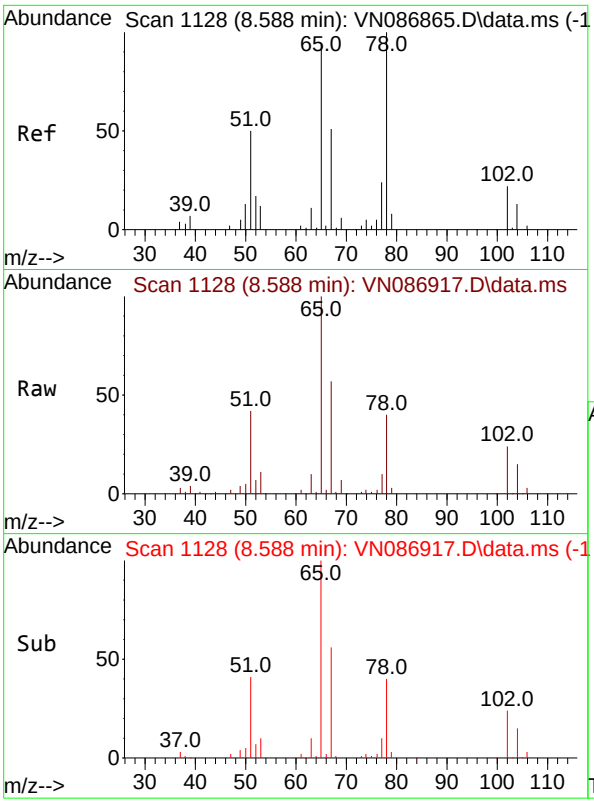


#32
1,1,1-Trichloroethane
Concen: 18.422 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 97 Resp: 80954

Ion	Ratio	Lower	Upper
97	100		
99	57.3	52.0	78.0
61	41.6	35.9	53.9

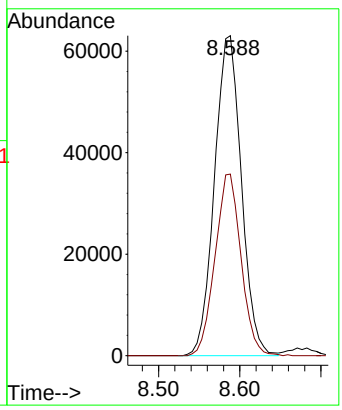




#33
1,2-Dichloroethane-d4
Concen: 46.947 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 65 Resp: 14523

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	105.6



Instrument :
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ClientSampleId :
VN0610WBSD01

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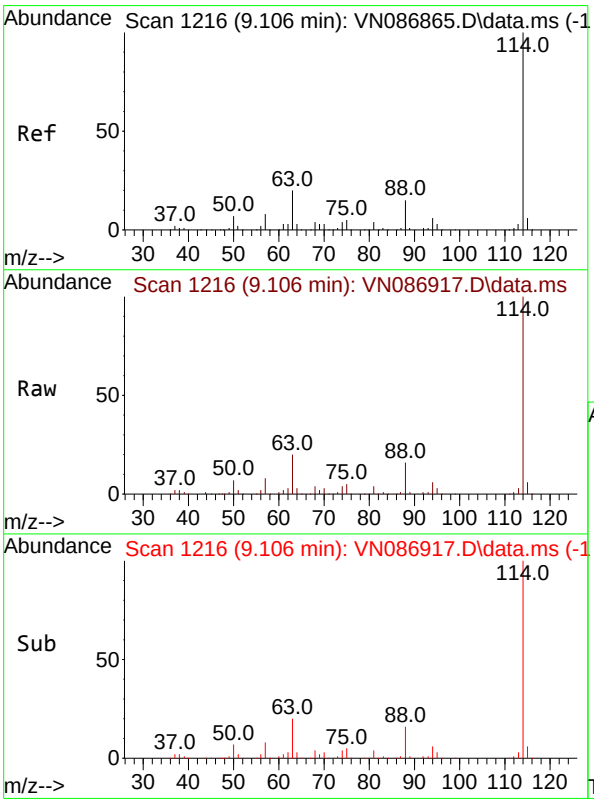
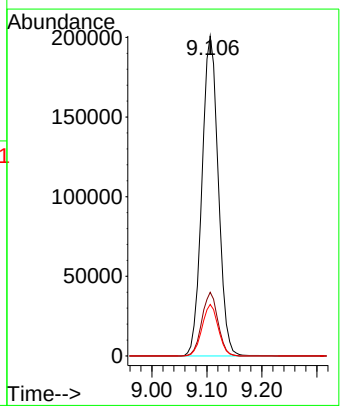
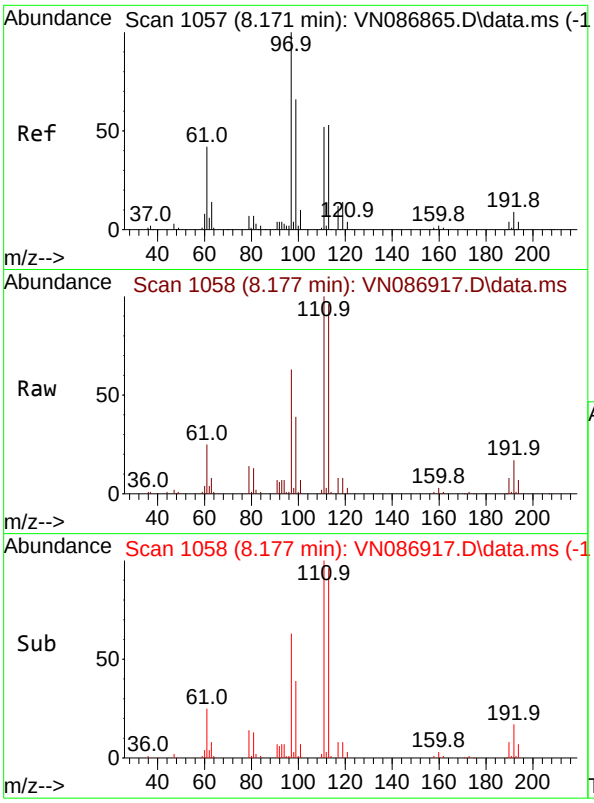


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:114 Resp: 413772

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	16.1	0.0	30.2

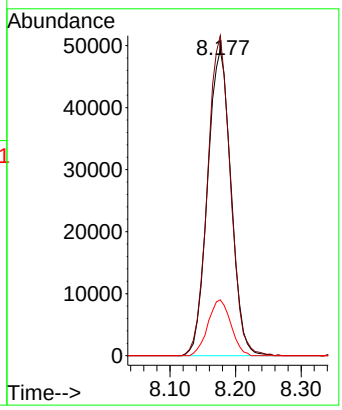




#35
Dibromofluoromethane
Concen: 49.752 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:113 Resp: 12199

Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.2	126.2
192	17.9	14.2	21.4



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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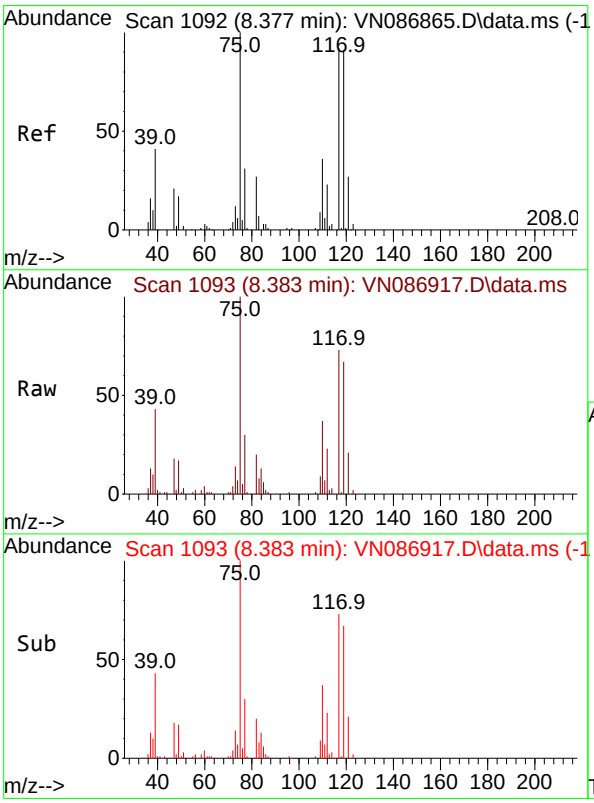
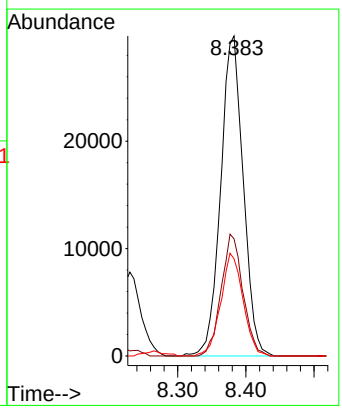
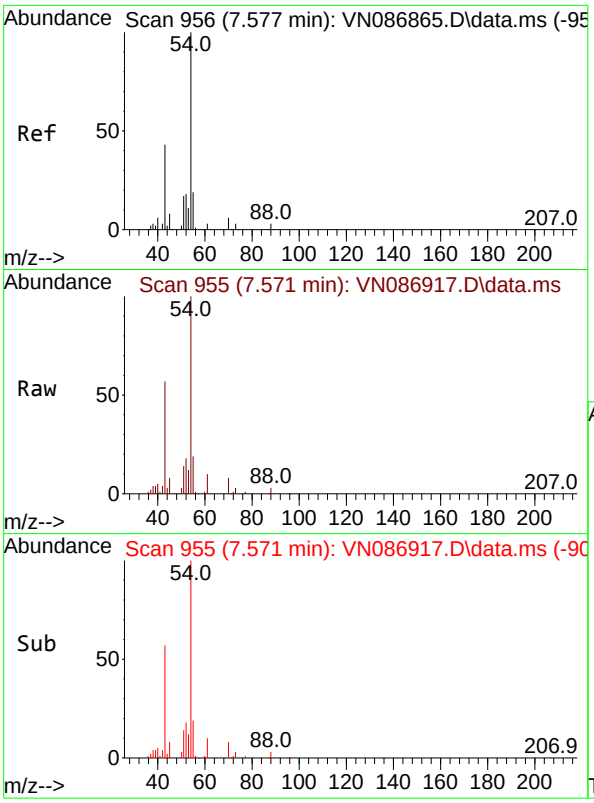


#36
1,1-Dichloropropene
Concen: 18.806 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 75 Resp: 68715

Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.6	52.9
77	31.6	25.3	37.9





#37
Ethyl Acetate
Concen: 18.986 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 8831

Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	12.8	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Manual Integrations
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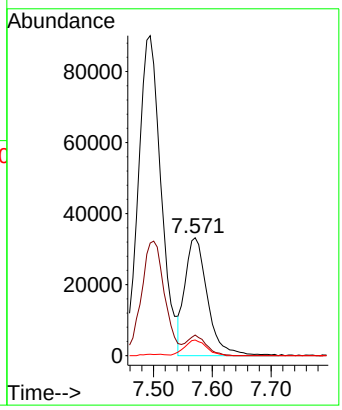
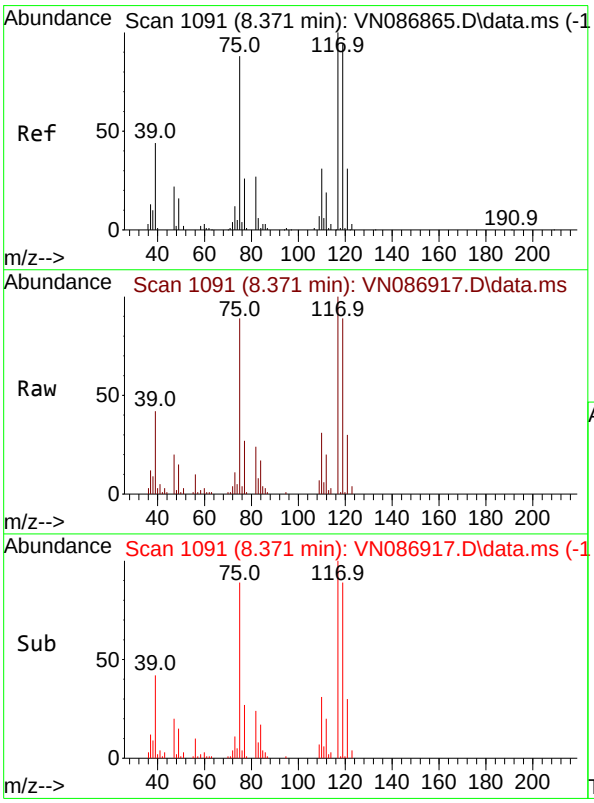
Supervised By :Mahesh Dadoda 06/11/2025

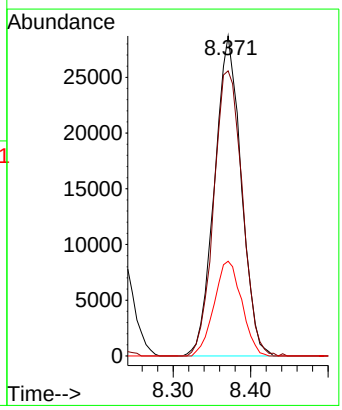


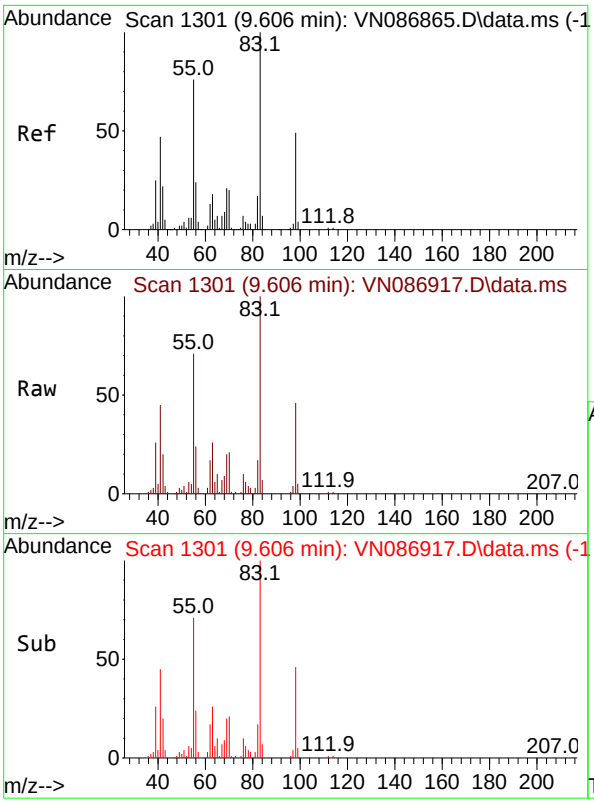


#38
Carbon Tetrachloride
Concen: 19.166 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:117 Resp: 68754

Ion	Ratio	Lower	Upper
117	100		
119	89.1	75.0	112.6
121	29.6	24.9	37.3





#39
Methylcyclohexane
Concen: 16.281 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 83 Resp: 8150

Ion	Ratio	Lower	Upper
83	100		
55	71.2	61.0	91.6
98	46.2	38.9	58.3

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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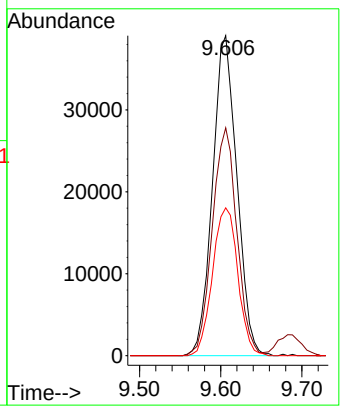
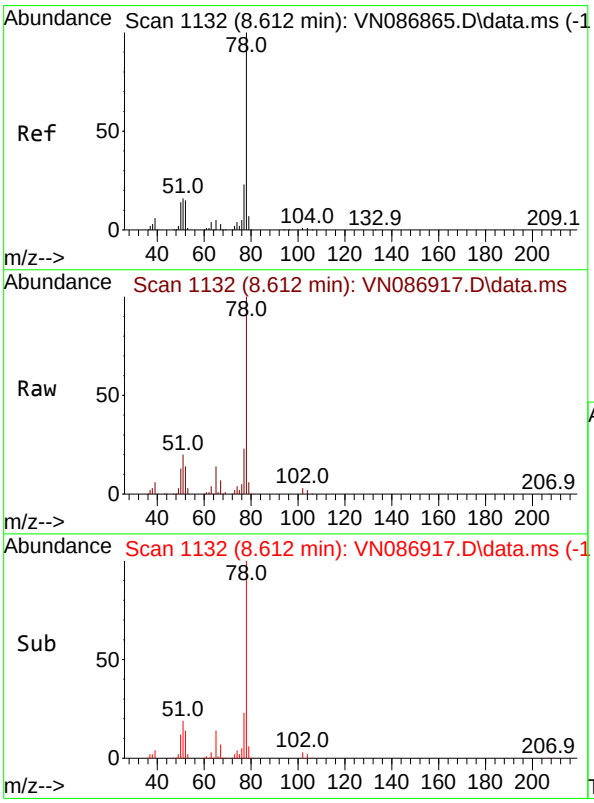
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

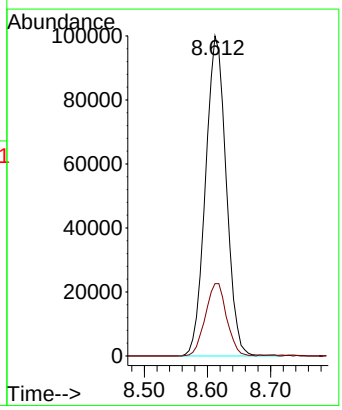


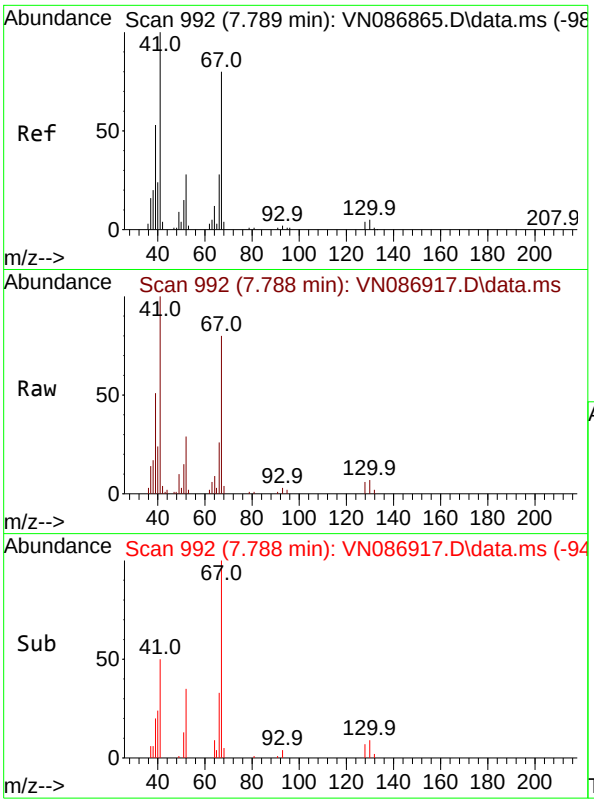


#40
Benzene
Concen: 19.031 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 78 Resp: 227384

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.7	28.1

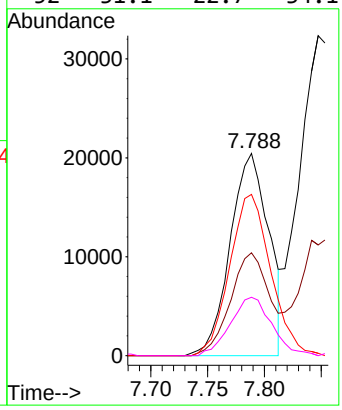




#41
Methacrylonitrile
Concen: 18.474 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 41 Resp: 4825

Ion	Ratio	Lower	Upper
41	100		
39	50.6	41.2	61.8
67	85.0	61.4	92.2
52	31.1	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
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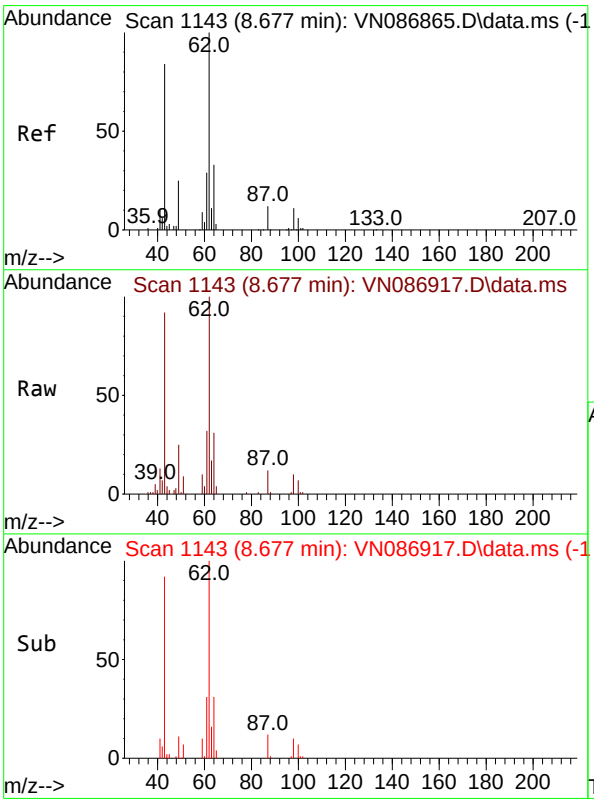
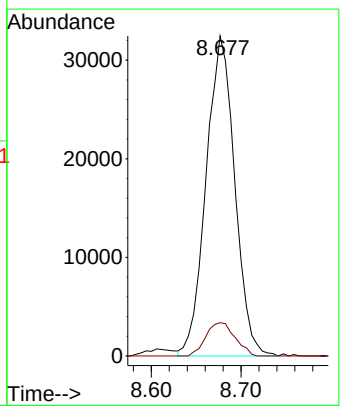
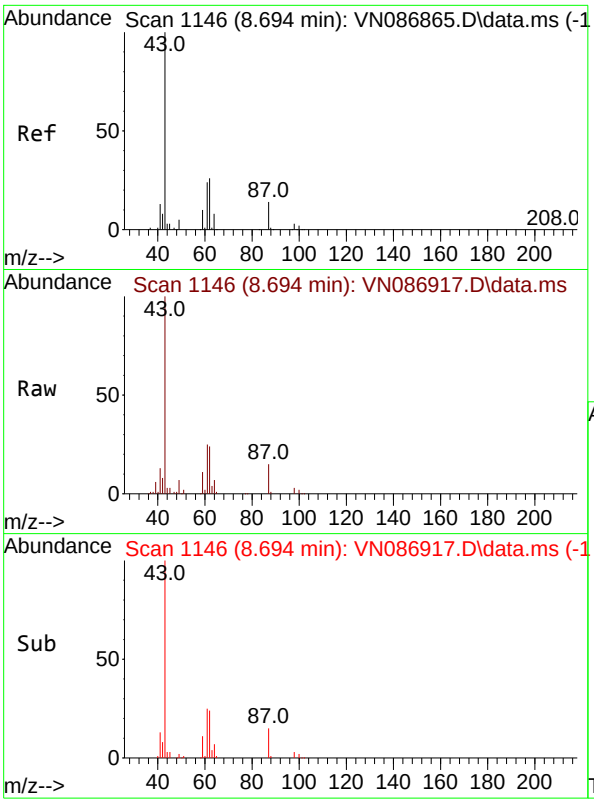


#42
1,2-Dichloroethane
Concen: 19.875 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 62 Resp: 72029

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2





#43
Isopropyl Acetate
Concen: 19.126 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 14278

Ion	Ratio	Lower	Upper
43	100		
61	28.7	22.1	33.1
87	15.3	11.8	17.6

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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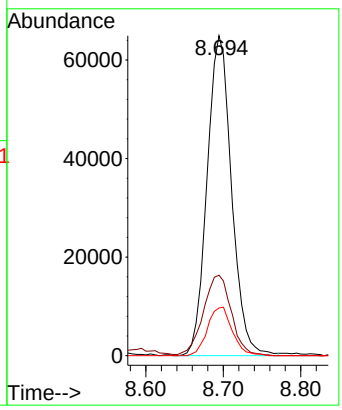
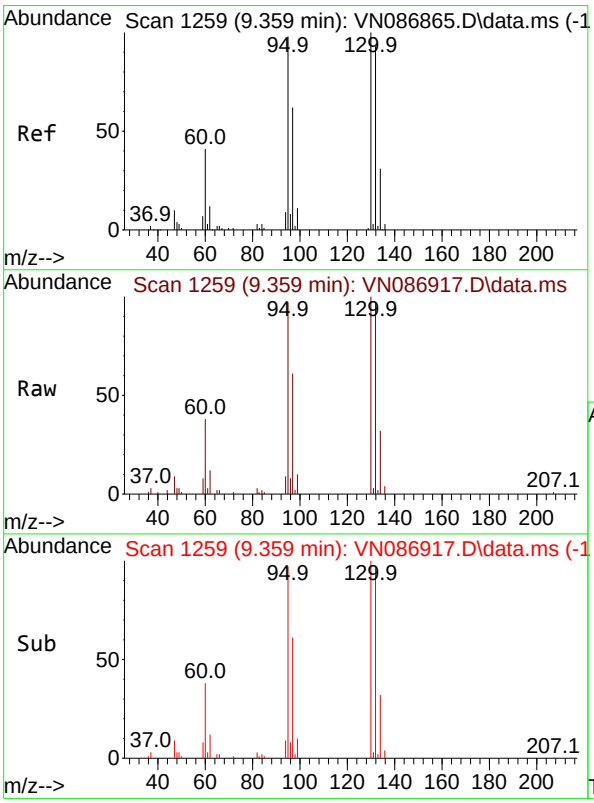
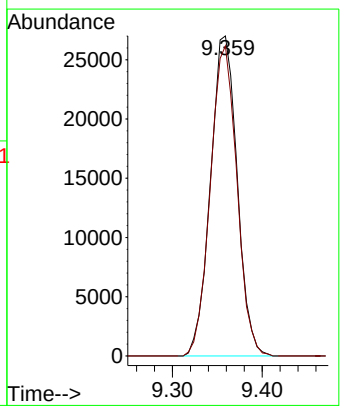


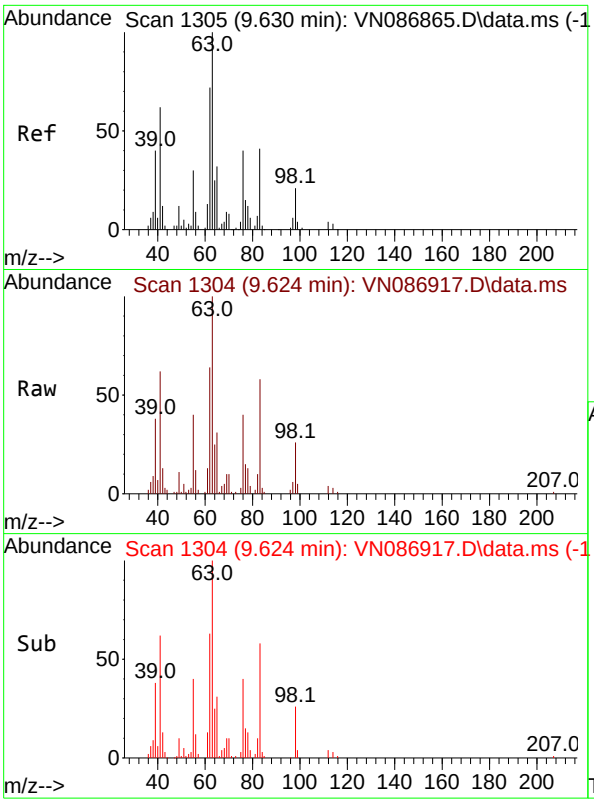


#44
Trichloroethene
Concen: 19.670 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:130 Resp: 55729

Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	196.2

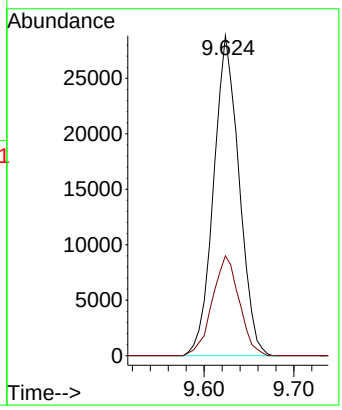




#45
1,2-Dichloropropane
Concen: 19.547 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 63 Resp: 5682

Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.5	38.3



Instrument :
MSVOA_N
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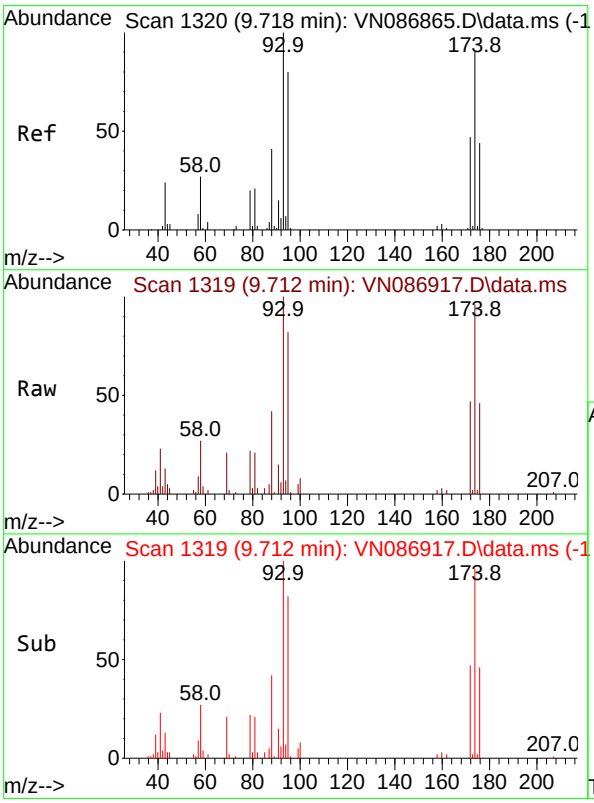
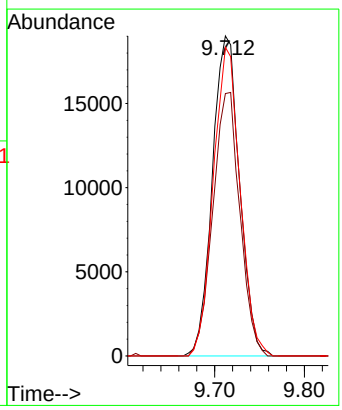
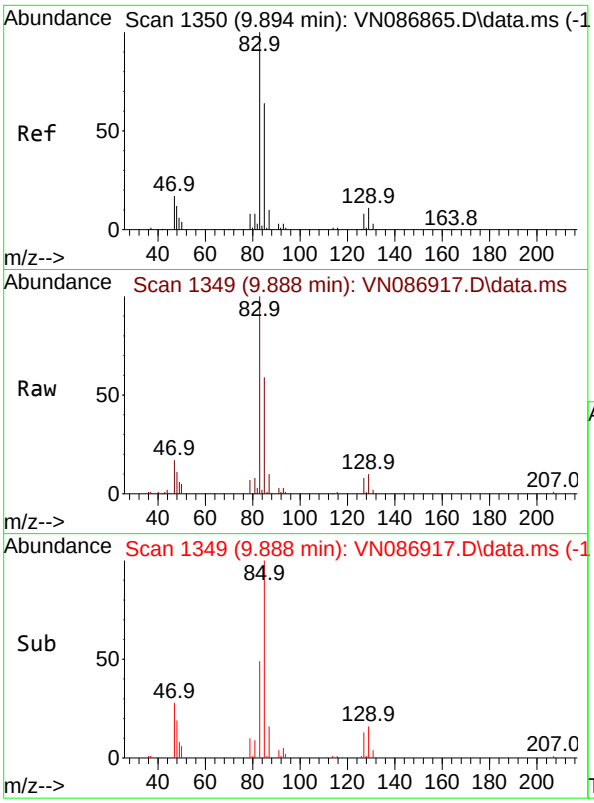


#46
Dibromomethane
Concen: 20.706 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 93 Resp: 39978

Ion	Ratio	Lower	Upper
93	100		
95	82.0	67.1	100.7
174	95.1	74.2	111.4

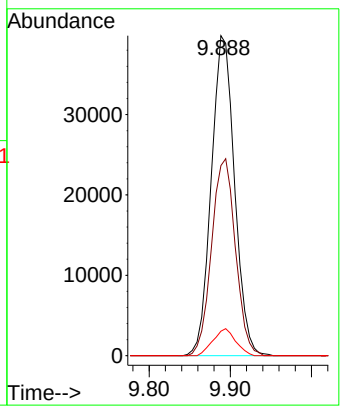




#47
Bromodichloromethane
Concen: 19.966 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 83 Resp: 7931

Ion	Ratio	Lower	Upper
83	100		
85	59.4	50.9	76.3
127	7.7	6.6	10.0



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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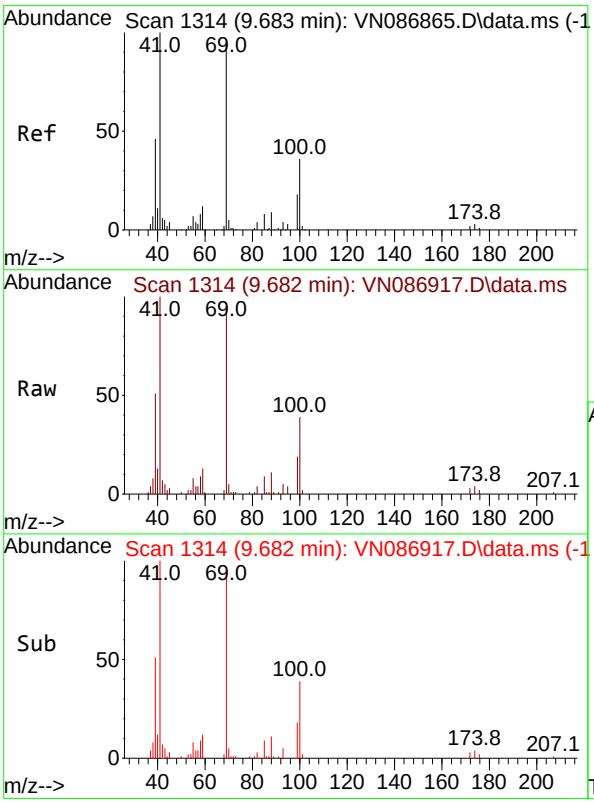
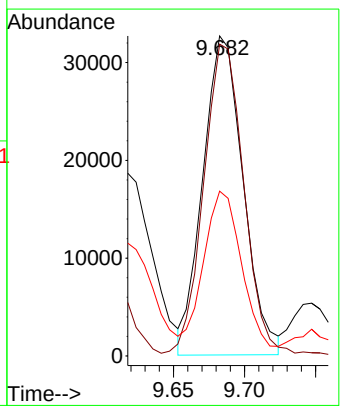
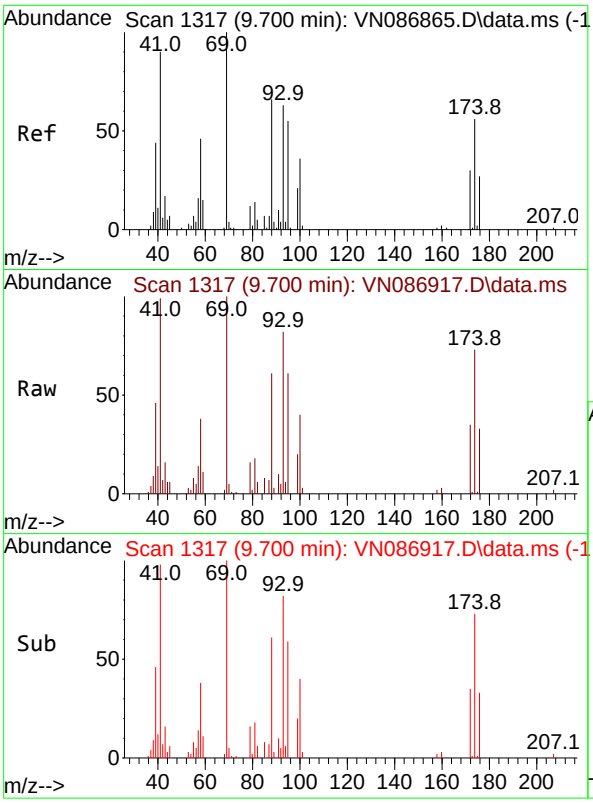


#48
Methyl methacrylate
Concen: 18.727 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 41 Resp: 64349

Ion	Ratio	Lower	Upper
41	100		
69	97.1	74.6	112.0
39	50.8	40.2	60.4





#49
1,4-Dioxane
Concen: 373.296 ug/l
RT: 9.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 88 Resp: 2333

Ion	Ratio	Lower	Upper
88	100		
43	22.2	0.0	0.0
58	69.5	57.7	86.5

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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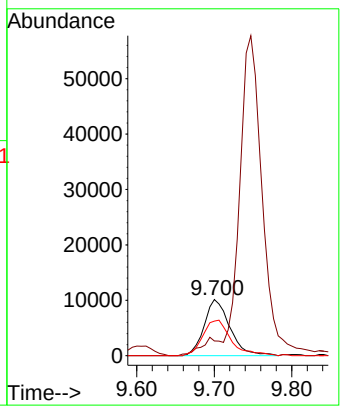
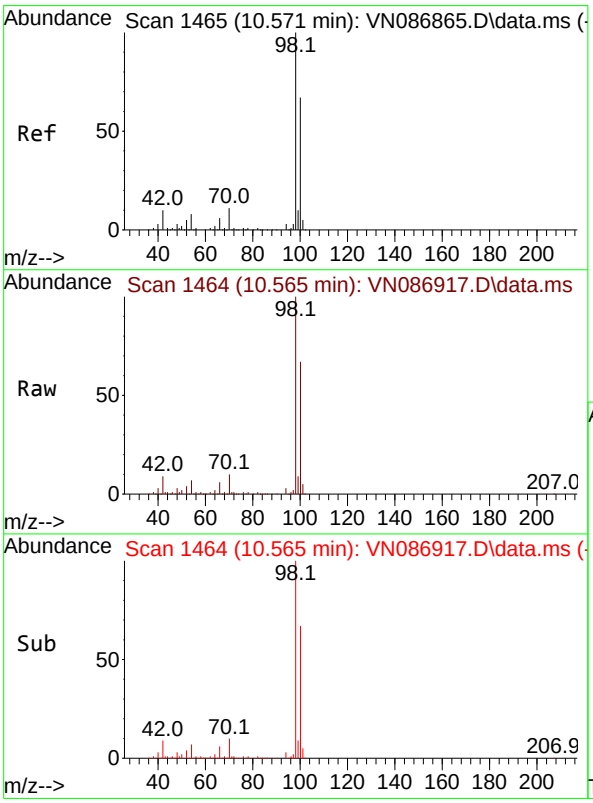
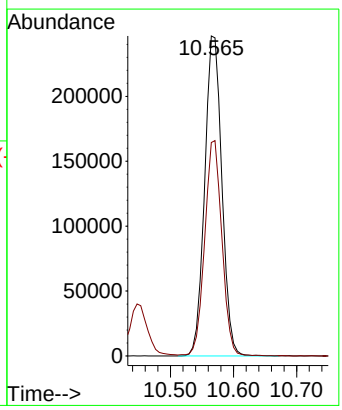


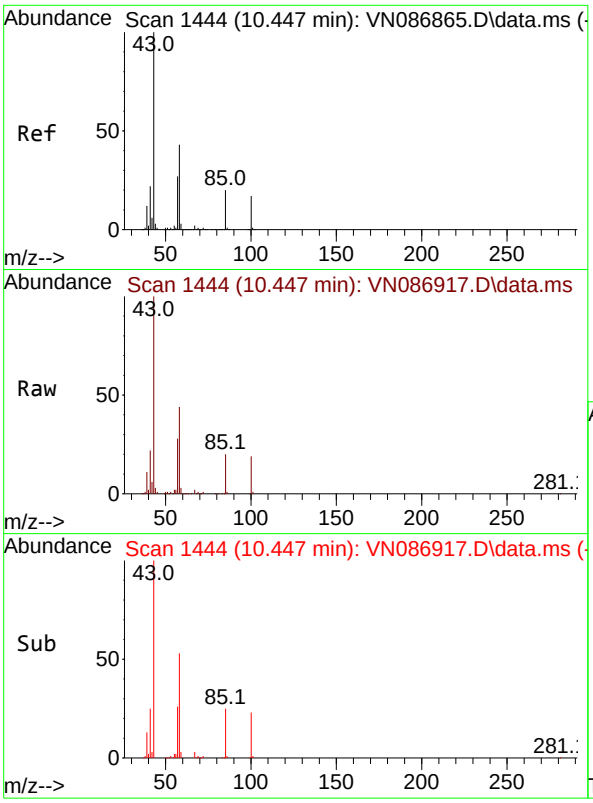


#50
Toluene-d8
Concen: 48.056 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 98 Resp: 466490

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.0

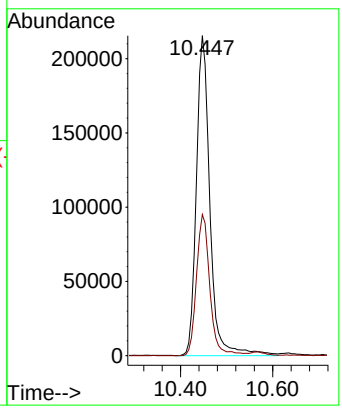




#51
4-Methyl-2-Pentanone
Concen: 98.299 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 44178

Ion	Ratio	Lower	Upper
43	100		
58	43.4	34.2	51.4



Instrument :
MSVOA_N
ClientSampleId :
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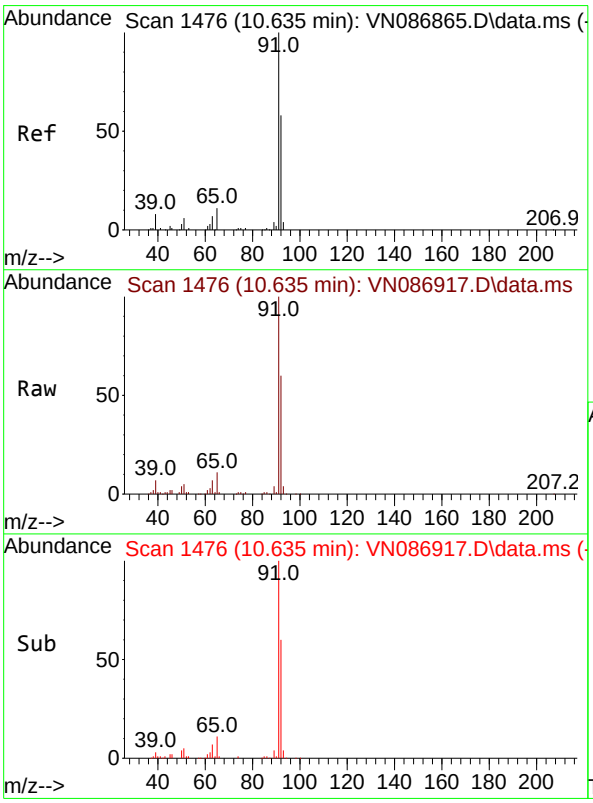
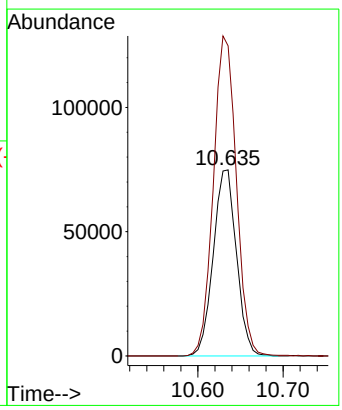
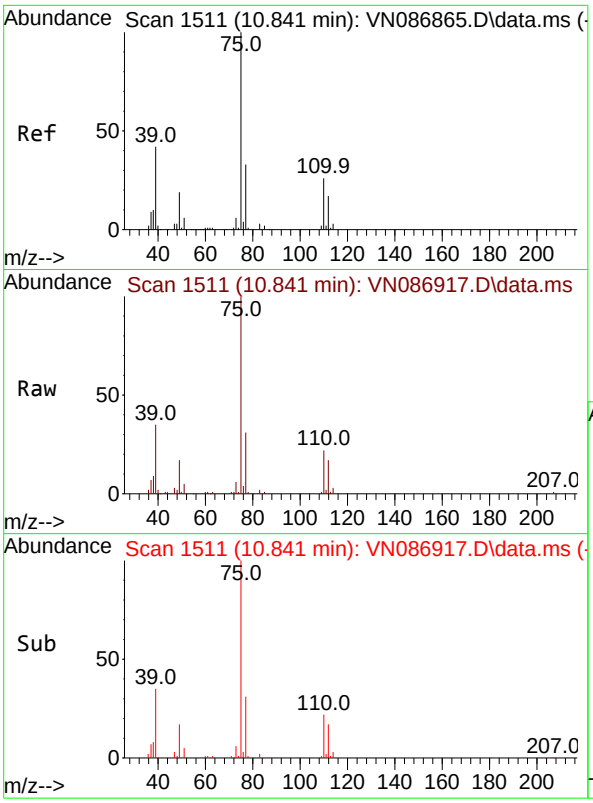


#52
Toluene
Concen: 19.407 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 92 Resp: 141711

Ion	Ratio	Lower	Upper
92	100		
91	170.5	136.5	204.7

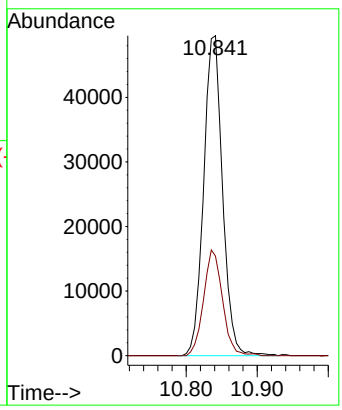




#53
t-1,3-Dichloropropene
Concen: 20.640 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 75 Resp: 9168

Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
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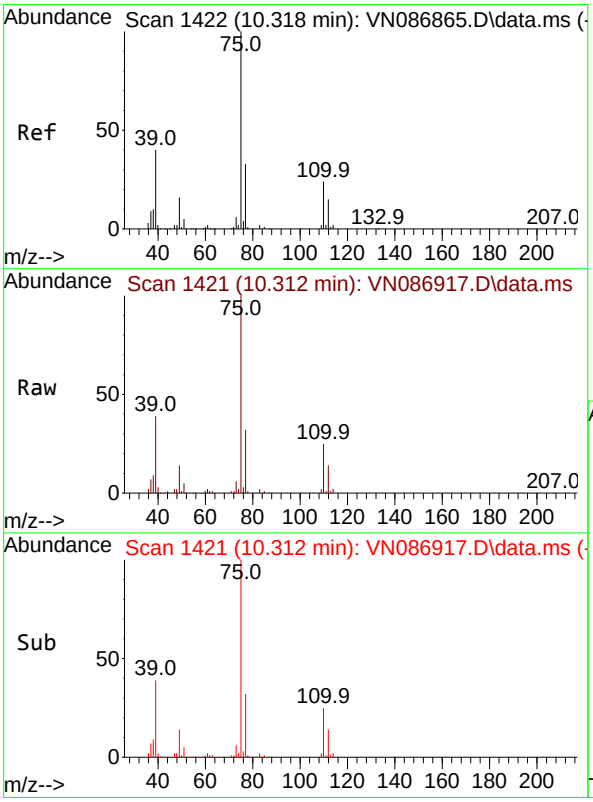
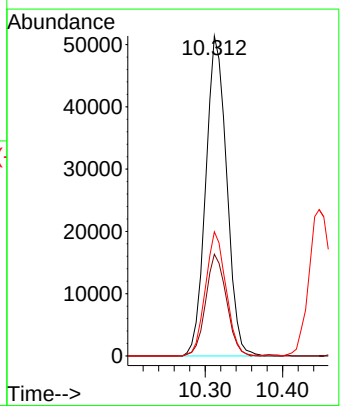
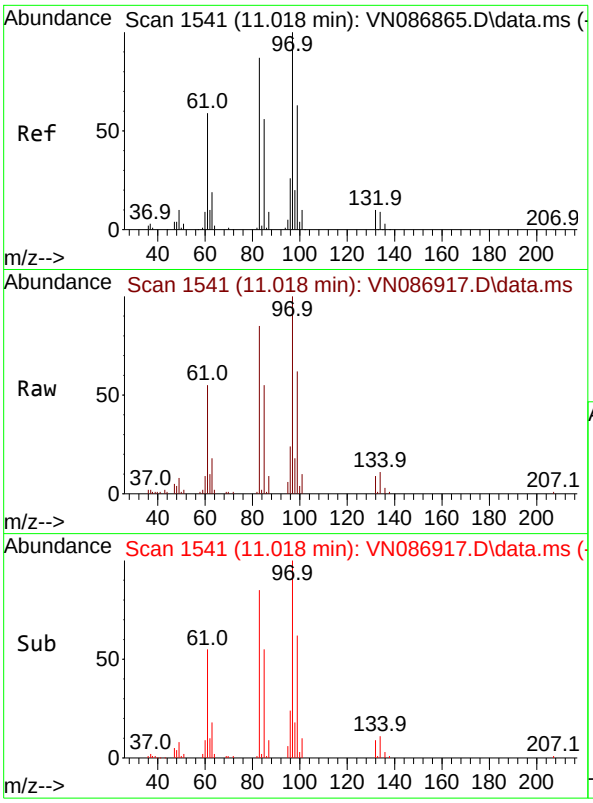


#54
cis-1,3-Dichloropropene
Concen: 20.283 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 75 Resp: 96403

Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.2	39.4
39	38.5	32.3	48.5

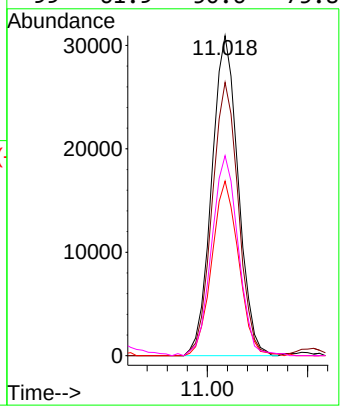




#55
1,1,2-Trichloroethane
Concen: 20.180 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 97 Resp: 5669

Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.7	104.5
85	54.6	45.1	67.7
99	61.9	50.6	75.8



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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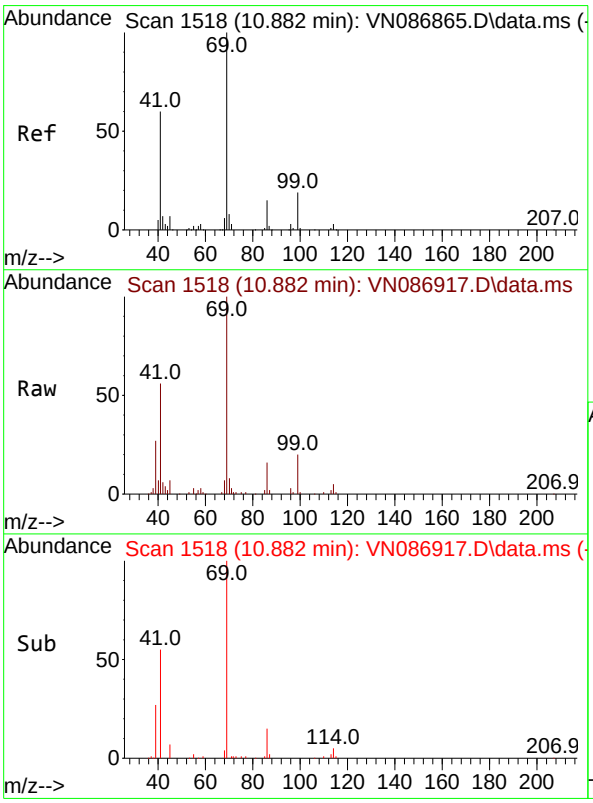
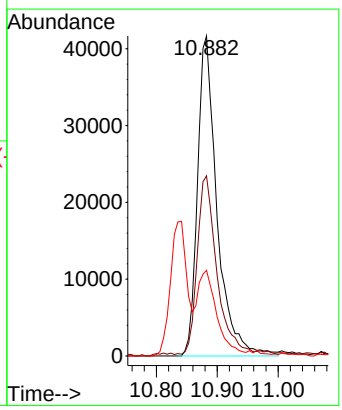
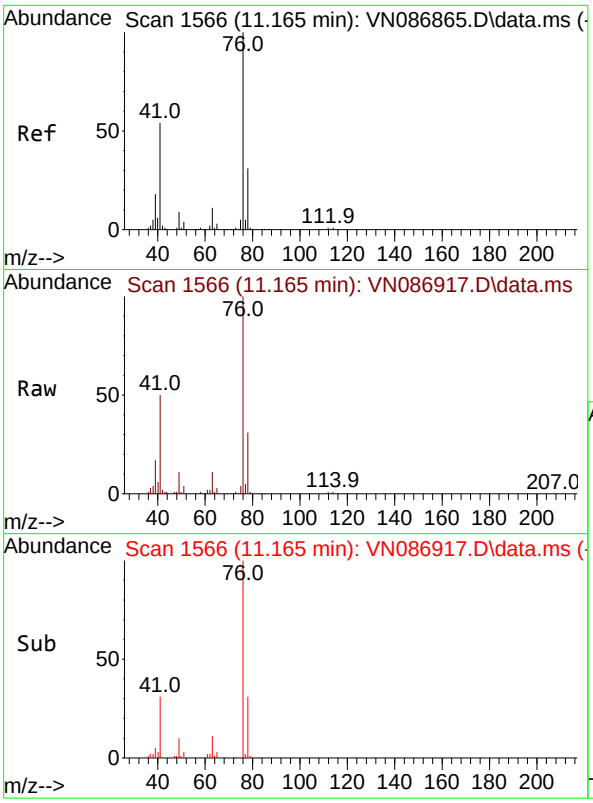


#56
Ethyl methacrylate
Concen: 20.688 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 69 Resp: 92581

Ion	Ratio	Lower	Upper
69	100		
41	56.1	47.2	70.8
39	25.2	23.0	34.6





#57
1,3-Dichloropropane
Concen: 20.022 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 76 Resp: 9758

Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.3	37.9

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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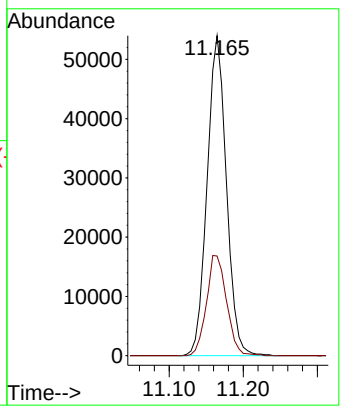
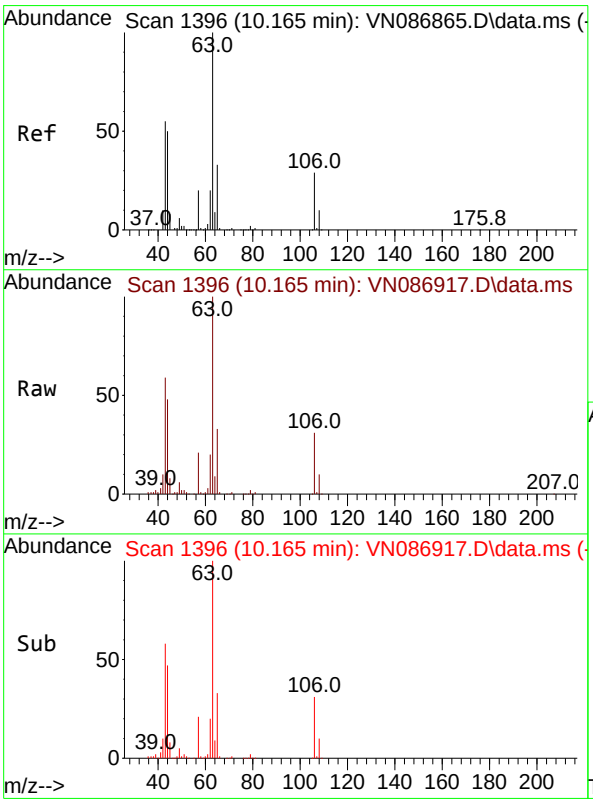
Supervised By :Mahesh Dadoda 06/11/2025

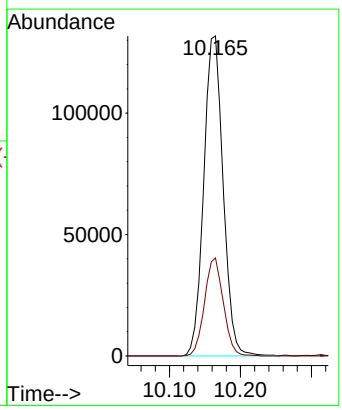


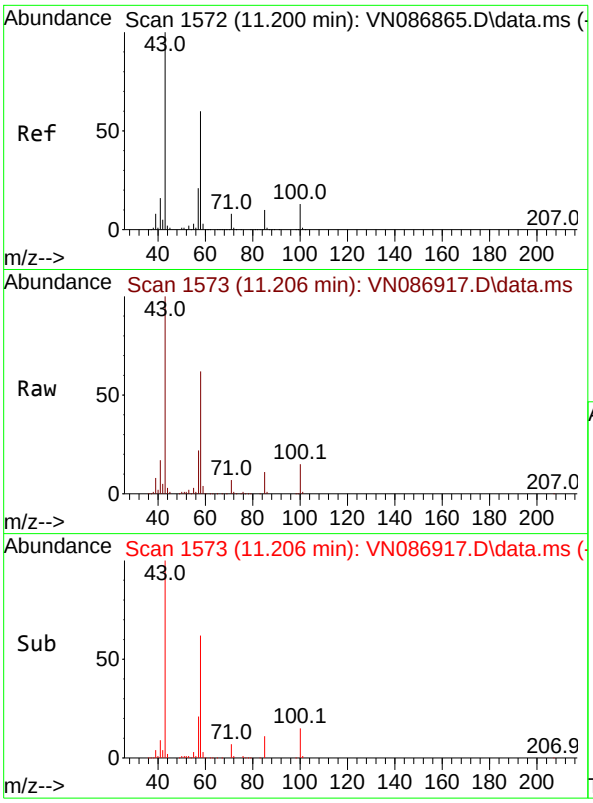


#58
2-Chloroethyl Vinyl ether
Concen: 93.704 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 63 Resp: 250113

Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.0	34.6





#59
2-Hexanone
Concen: 94.857 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 27460

Ion	Ratio	Lower	Upper
43	100		
58	62.8	30.4	91.3

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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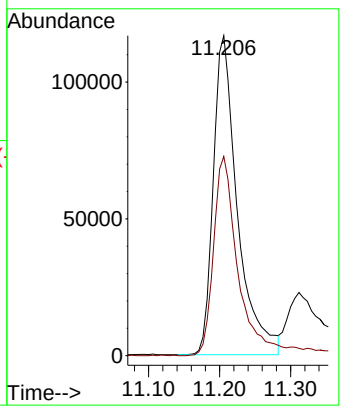
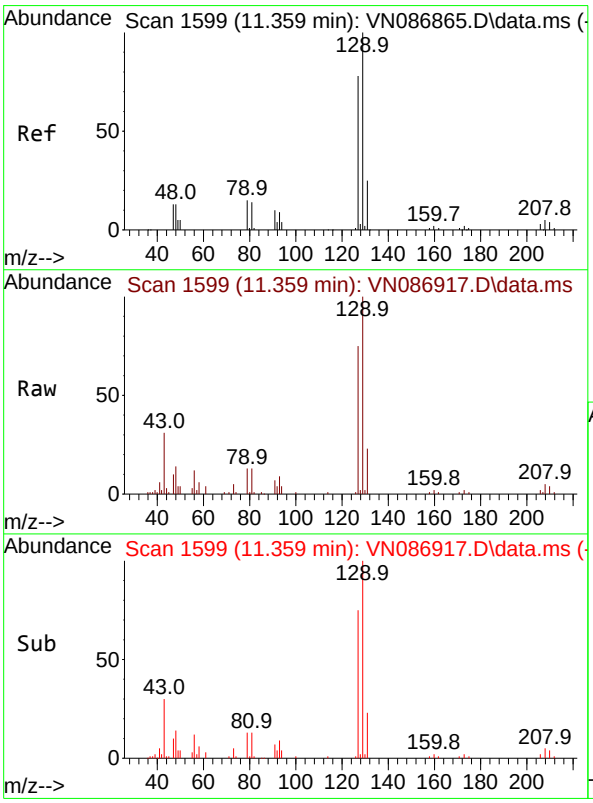
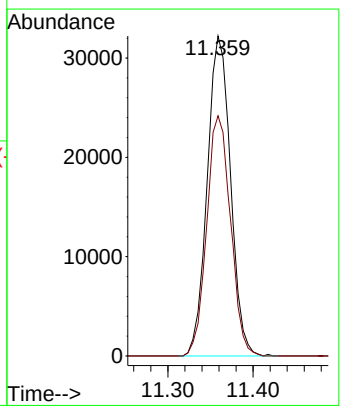


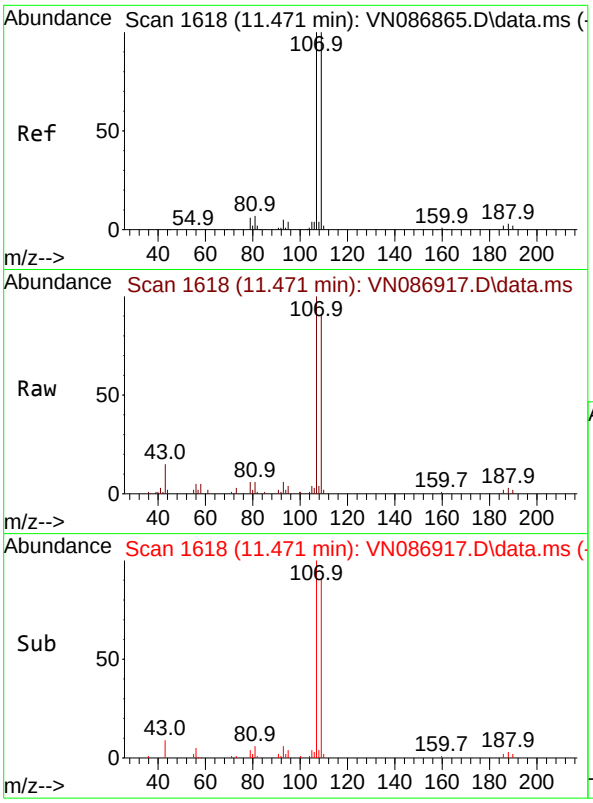


#60
Dibromochloromethane
Concen: 20.915 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:129 Resp: 61225

Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.6	115.8

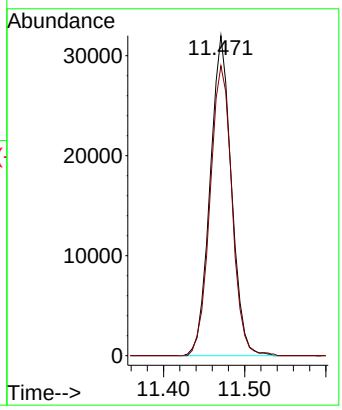




#61
1,2-Dibromoethane
Concen: 20.276 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:107 Resp: 5839

Ion	Ratio	Lower	Upper
107	100		
109	93.0	76.3	114.5



Instrument :
MSVOA_N
ClientSampleId :
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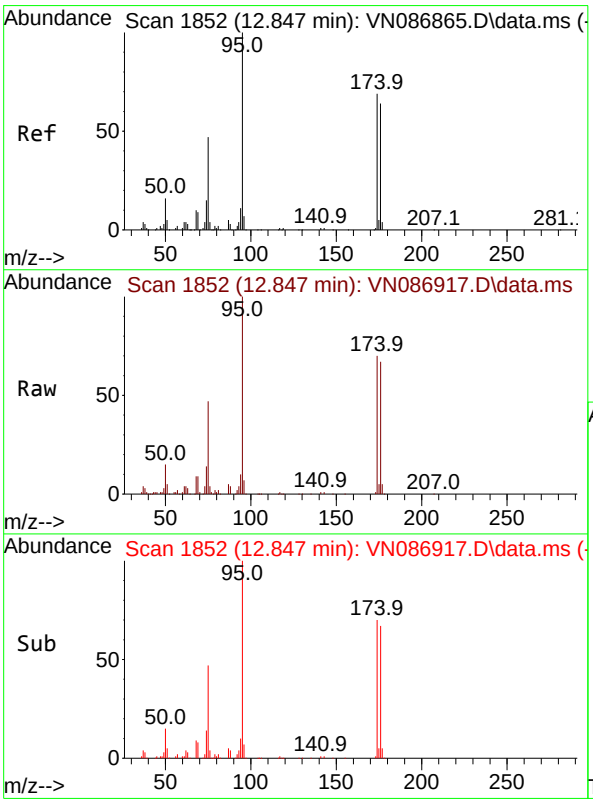
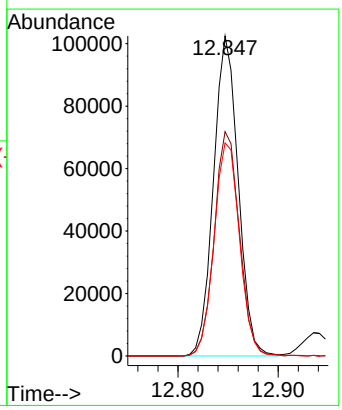
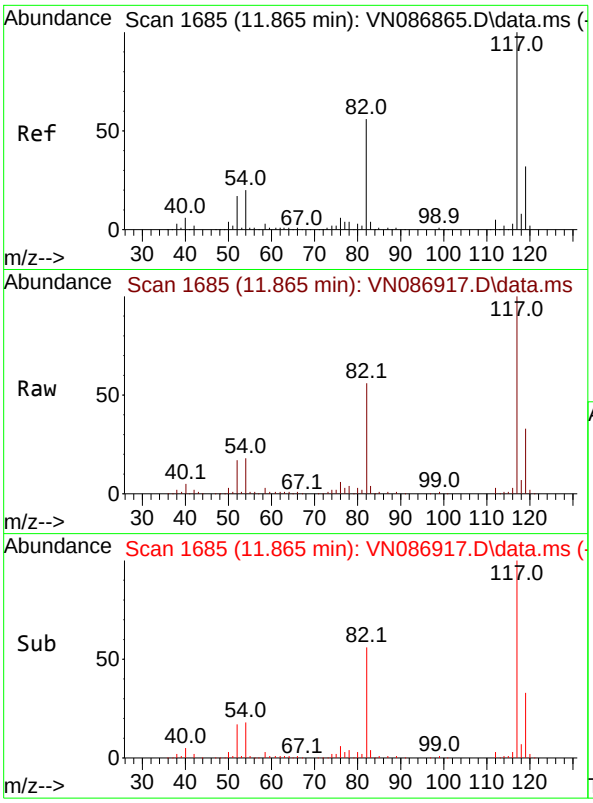


#62
4-Bromofluorobenzene
Concen: 48.568 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 95 Resp: 175162

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	141.8
176	68.9	0.0	132.6

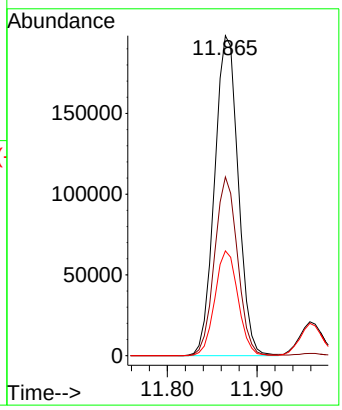




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:117 Resp: 36225

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.6	67.0
119	32.7	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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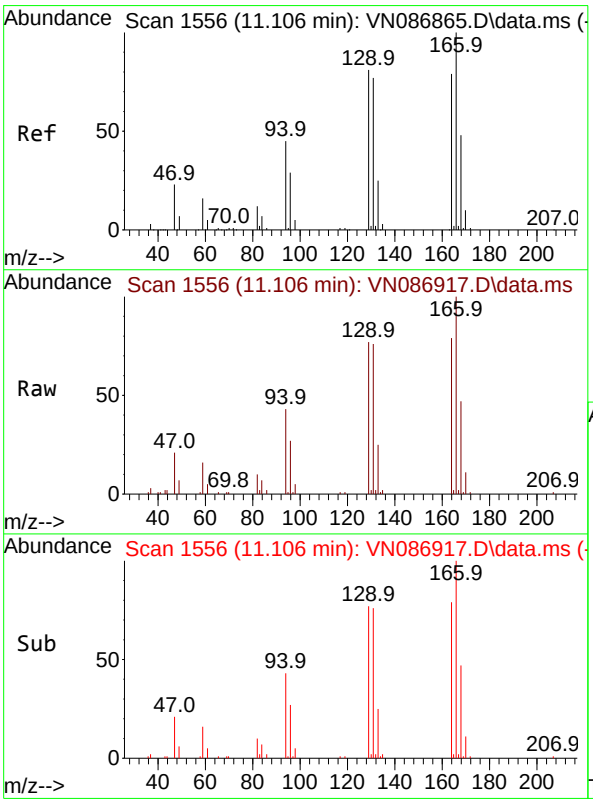
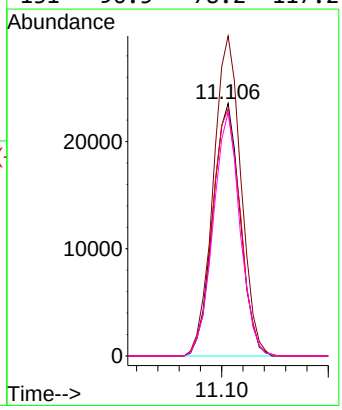
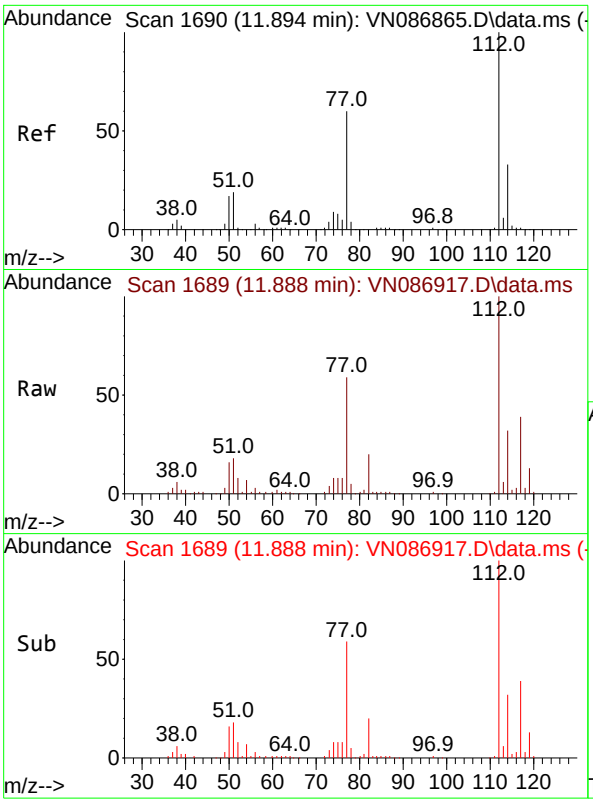


#64
Tetrachloroethene
Concen: 18.394 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:164 Resp: 42169

Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.8	152.8
129	97.8	83.0	124.4
131	96.5	78.2	117.2

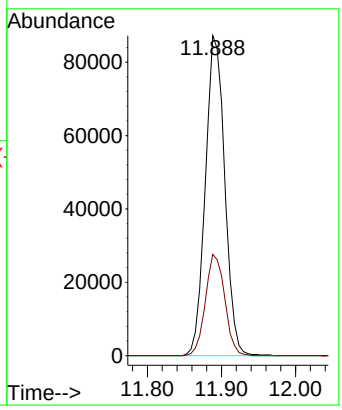




#65
Chlorobenzene
Concen: 19.817 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:112 Resp: 15832

Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.2	39.2



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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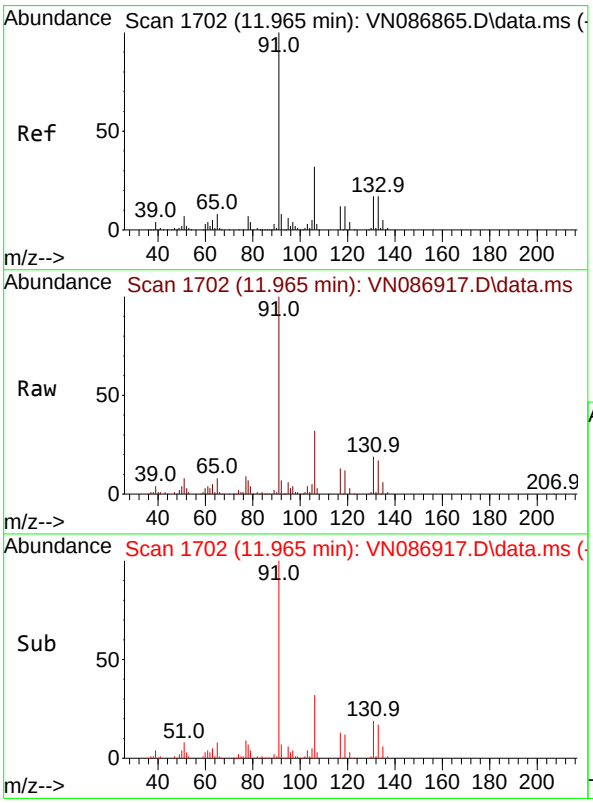
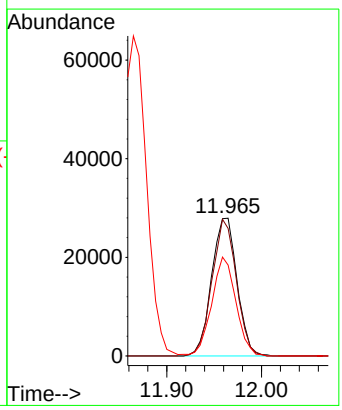
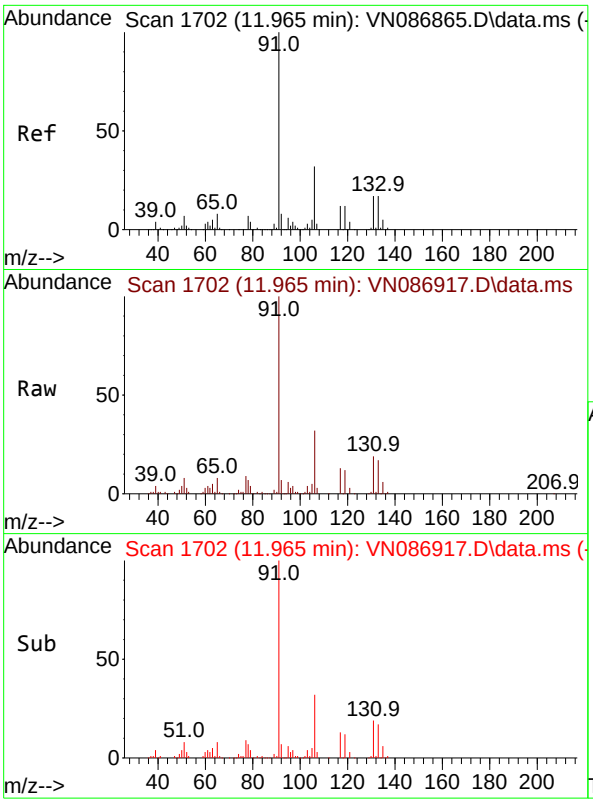


#66
1,1,1,2-Tetrachloroethane
Concen: 20.282 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:131 Resp: 52090

Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.3	144.8
119	68.0	34.0	101.8

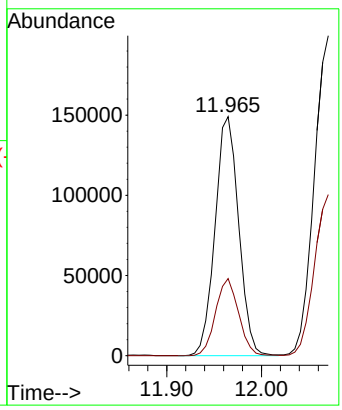




#67
Ethyl Benzene
Concen: 18.785 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 91 Resp: 25852

Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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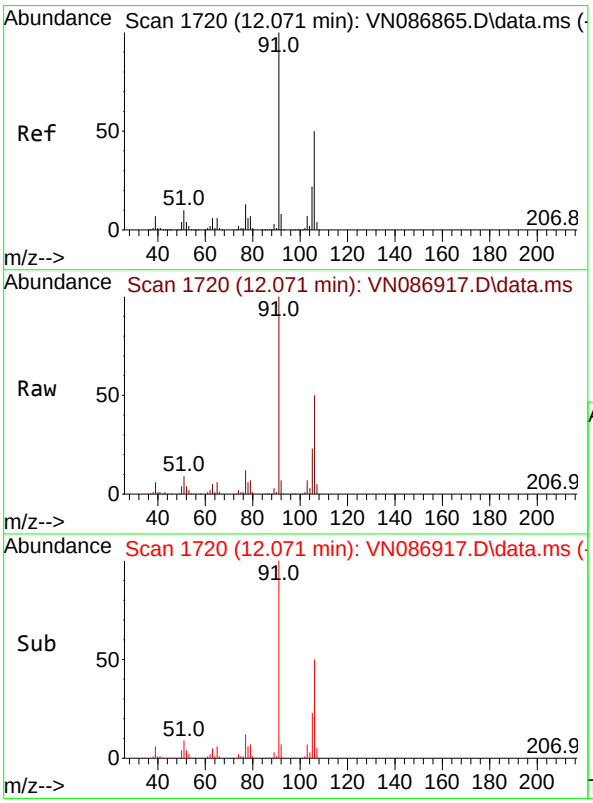
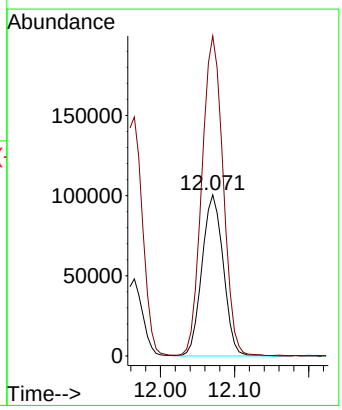
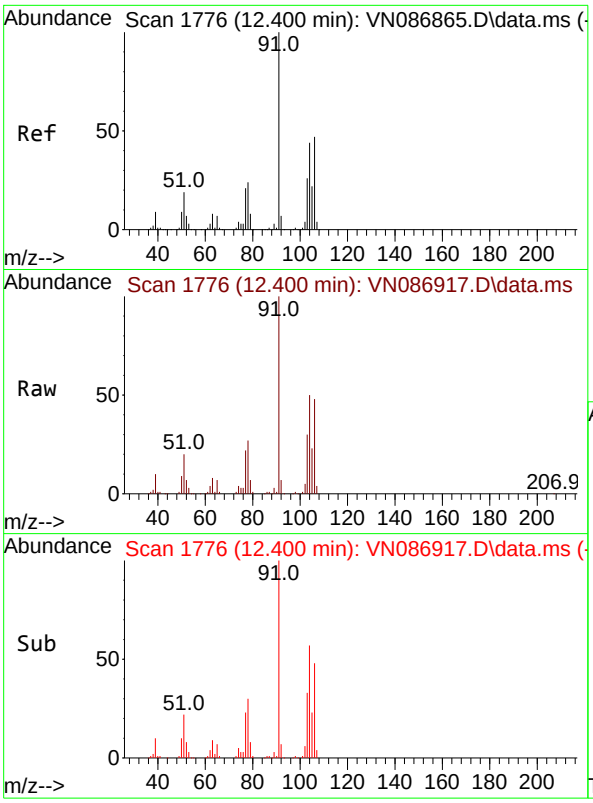


#68
m/p-Xylenes
Concen: 38.028 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:106 Resp: 200337

Ion	Ratio	Lower	Upper
106	100		
91	198.0	159.4	239.0





#69
o-Xylene
Concen: 19.710 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:106 Resp: 9944

Ion	Ratio	Lower	Upper
106	100		
91	209.0	106.1	318.1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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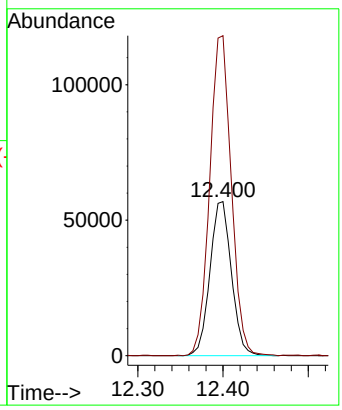
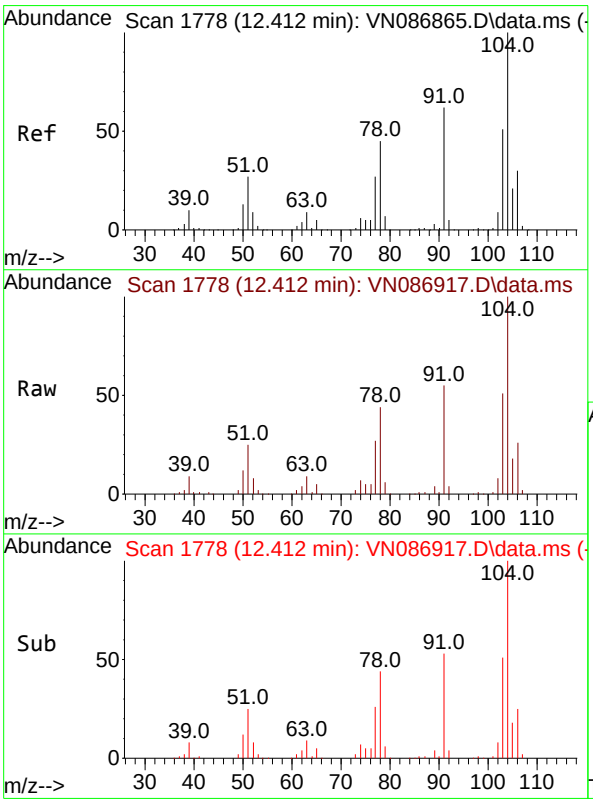
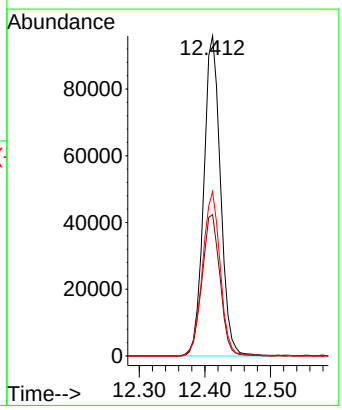


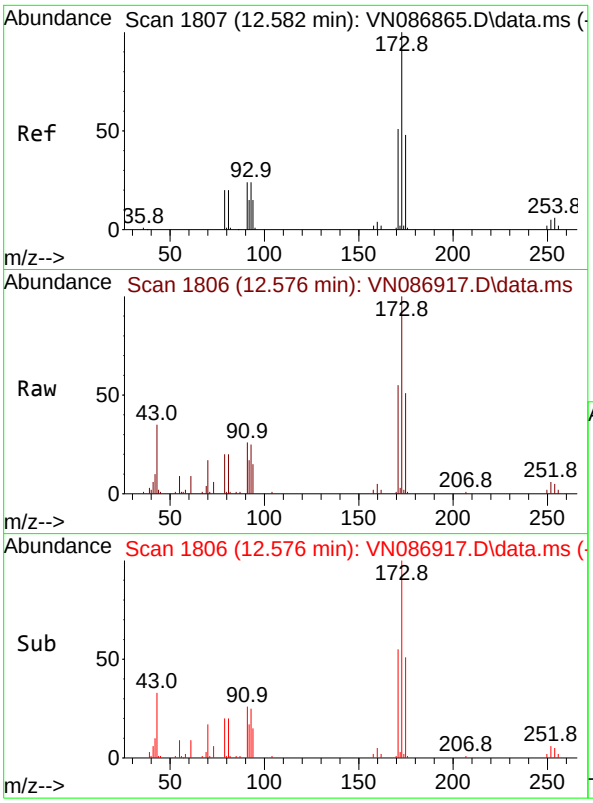


#70
Styrene
Concen: 19.797 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:104 Resp: 170919

Ion	Ratio	Lower	Upper
104	100		
78	47.7	38.5	57.7
103	54.1	43.1	64.7

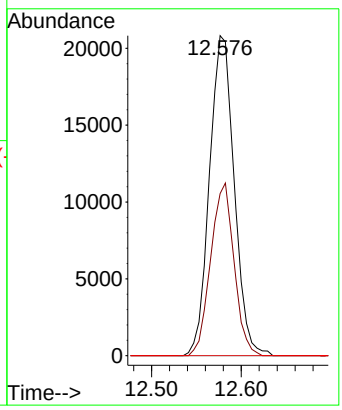




#71
Bromoform
Concen: 20.953 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:173 Resp: 3987

Ion	Ratio	Lower	Upper
173	100		
175	50.9	24.1	72.4
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
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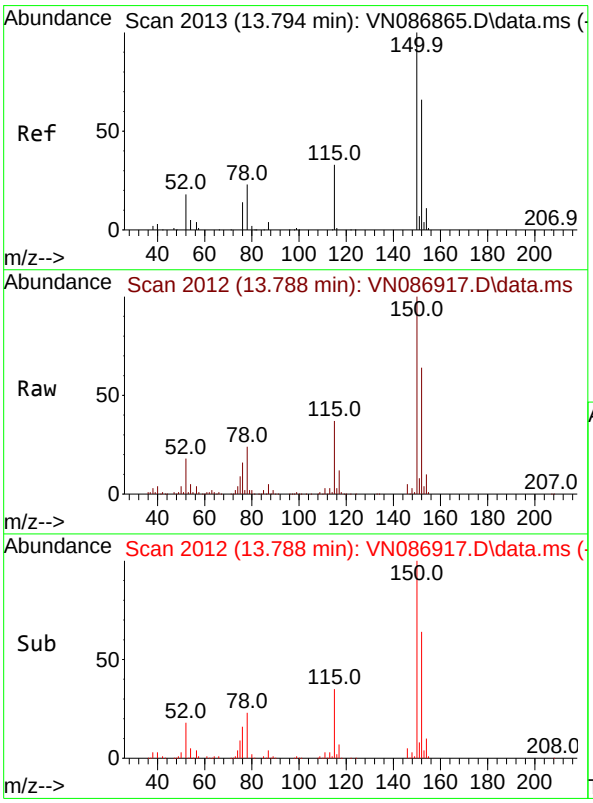
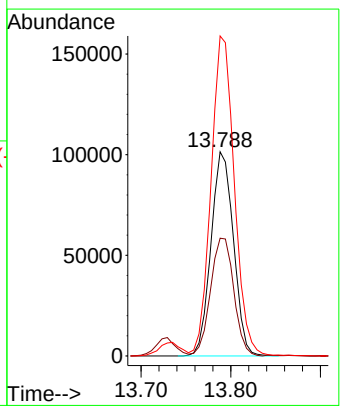
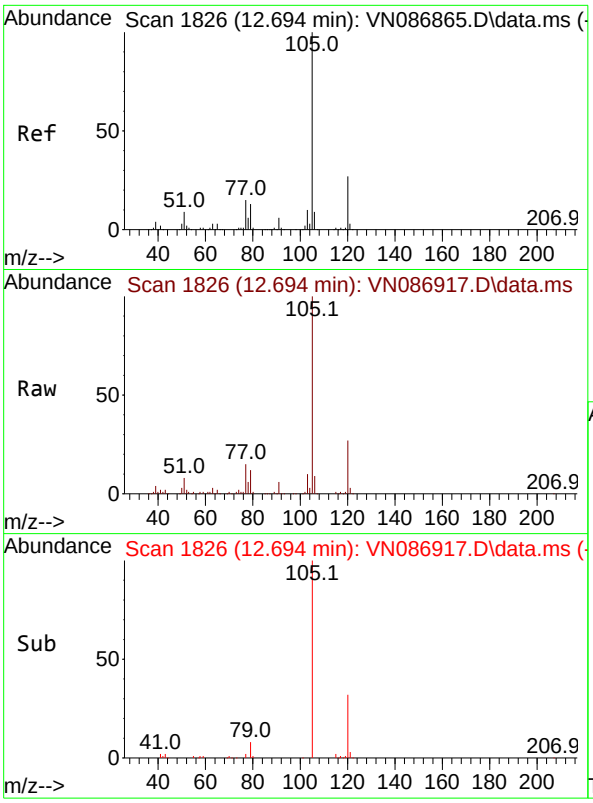


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:152 Resp: 176612

Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.1	90.5
150	162.6	0.0	345.0

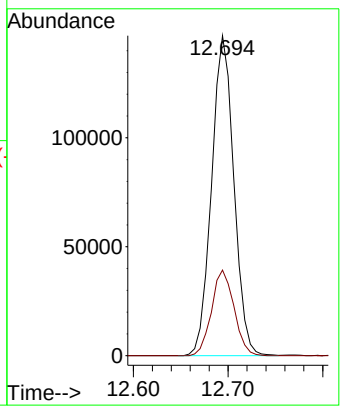




#73
Isopropylbenzene
Concen: 18.637 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:105 Resp: 23978

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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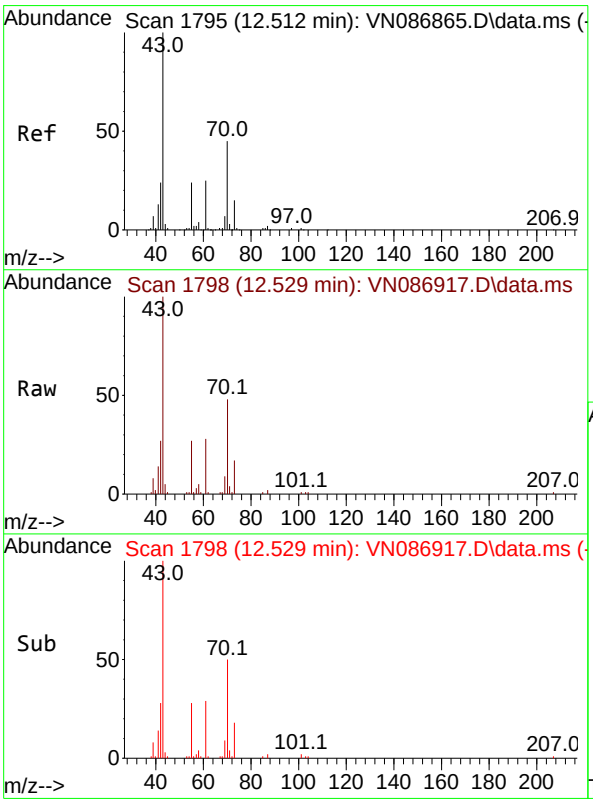
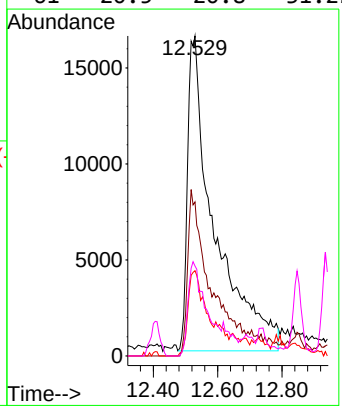
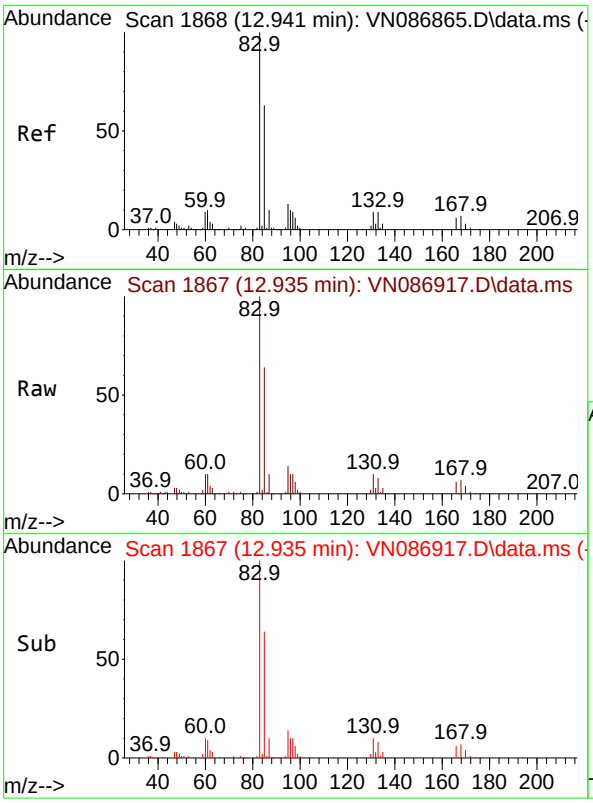


#74
N-amyl acetate
Concen: 21.121 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.018 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 94962

Ion	Ratio	Lower	Upper
43	100		
70	44.7	37.6	56.4
55	17.2	19.0	28.6#
61	20.5	20.8	31.2#

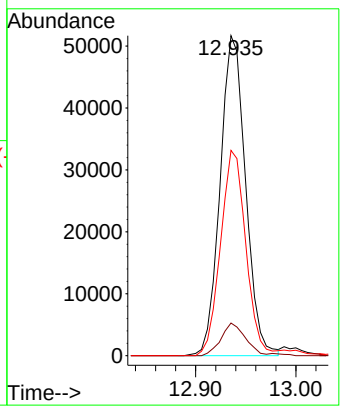




#75
1,1,2,2-Tetrachloroethane
Concen: 20.917 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 83 Resp: 9117

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	63.8	32.0	96.0



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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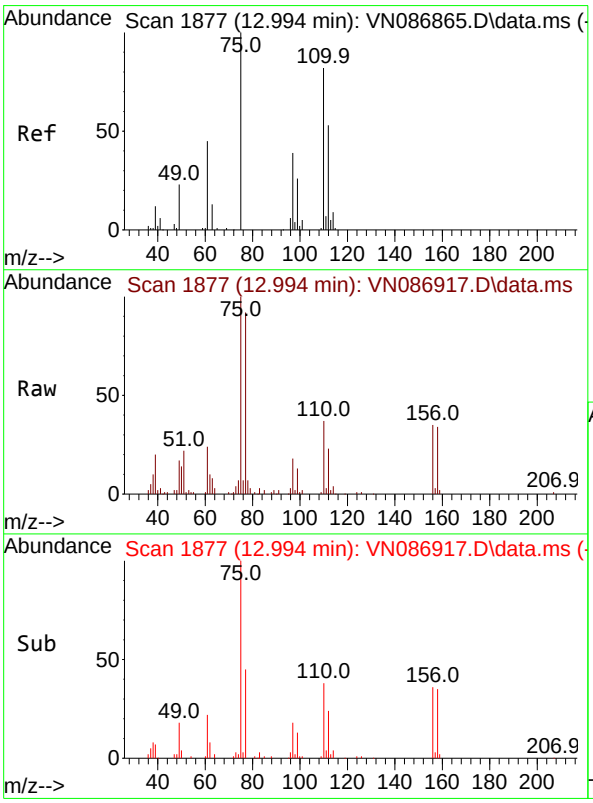
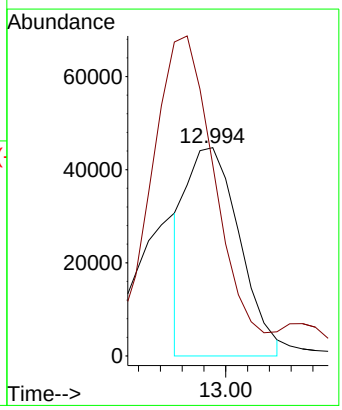
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

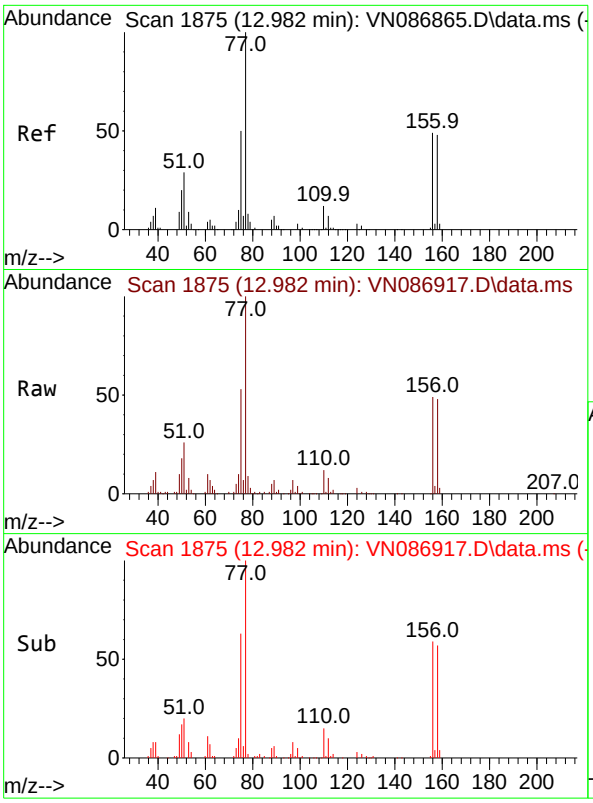


#76
1,2,3-Trichloropropane
Concen: 18.125 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 75 Resp: 76089

Ion	Ratio	Lower	Upper
75	100		
77	186.4	79.3	237.9

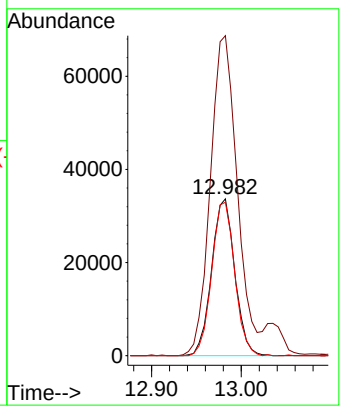




#77
Bromobenzene
Concen: 20.455 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:156 Resp: 6035

Ion	Ratio	Lower	Upper
156	100		
77	235.0	117.7	353.1
158	96.8	48.1	144.4



Instrument :
MSVOA_N
ClientSampleId :
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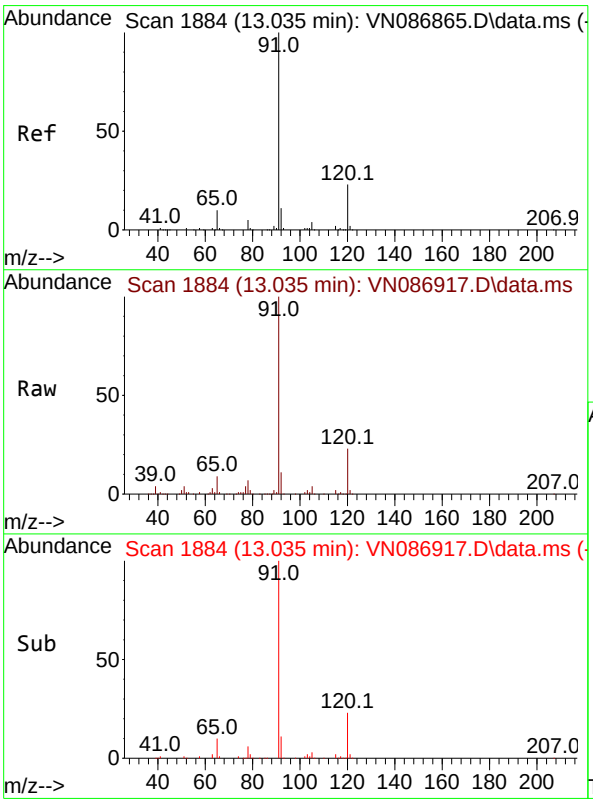
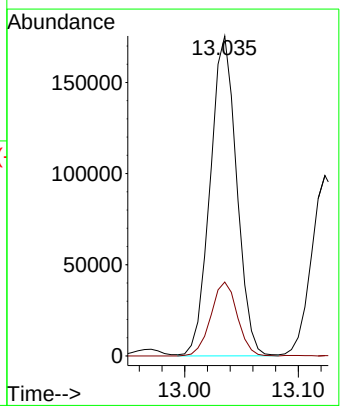
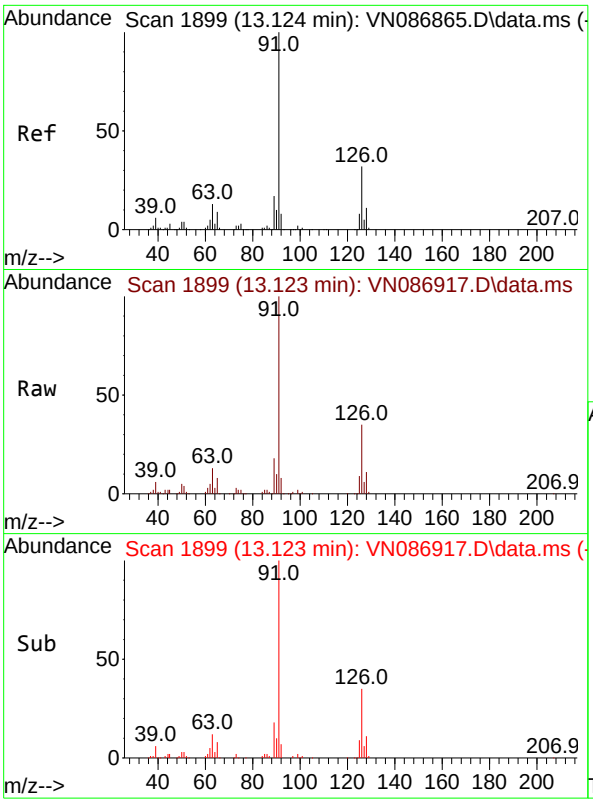


#78
n-propylbenzene
Concen: 18.176 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 91 Resp: 284206

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.4	34.2

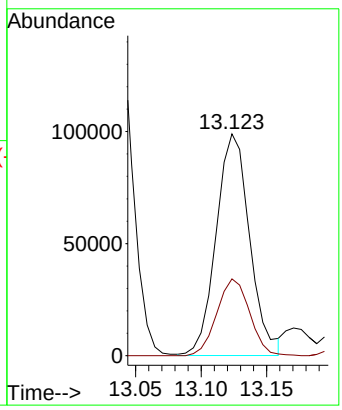




#79
2-Chlorotoluene
Concen: 18.760 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 91 Resp: 17591

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.2	48.5



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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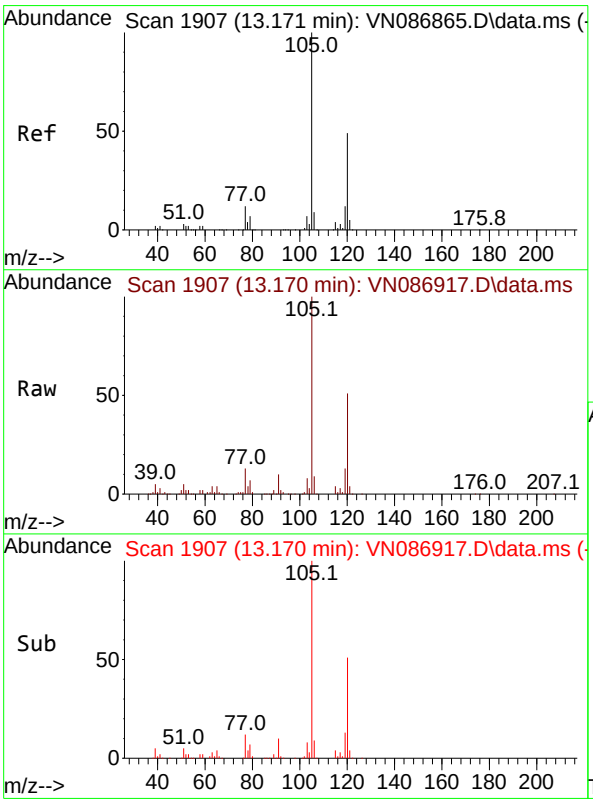
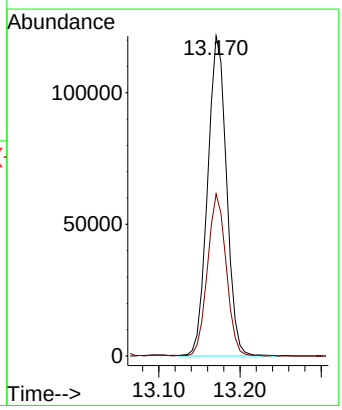
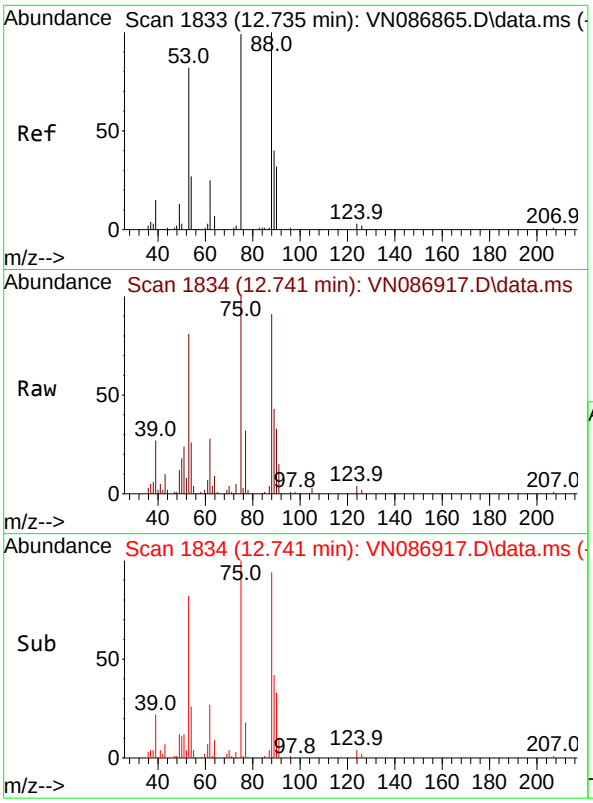


#80
1,3,5-Trimethylbenzene
Concen: 18.447 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:105 Resp: 195958

Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.9	74.6

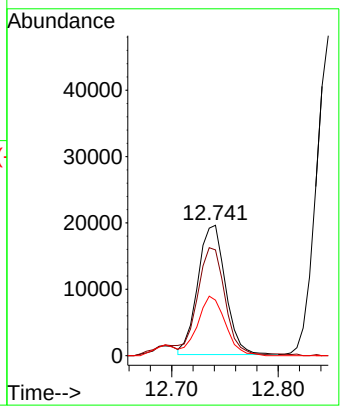




#81
trans-1,4-Dichloro-2-butene
Concen: 19.275 ug/l
RT: 12.741 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 75 Resp: 3515

Ion	Ratio	Lower	Upper
75	100		
53	91.5	66.6	99.8
89	46.4	36.7	55.1



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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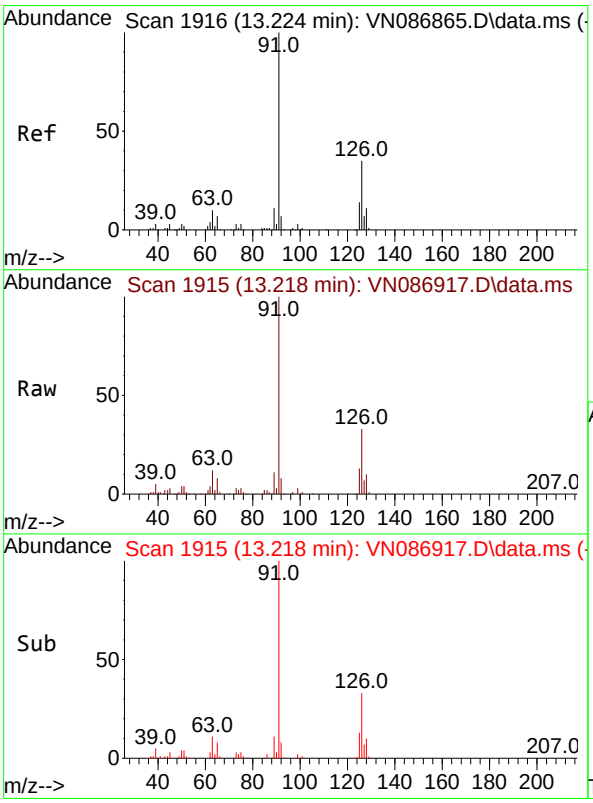
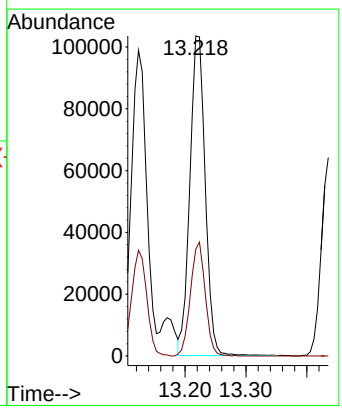
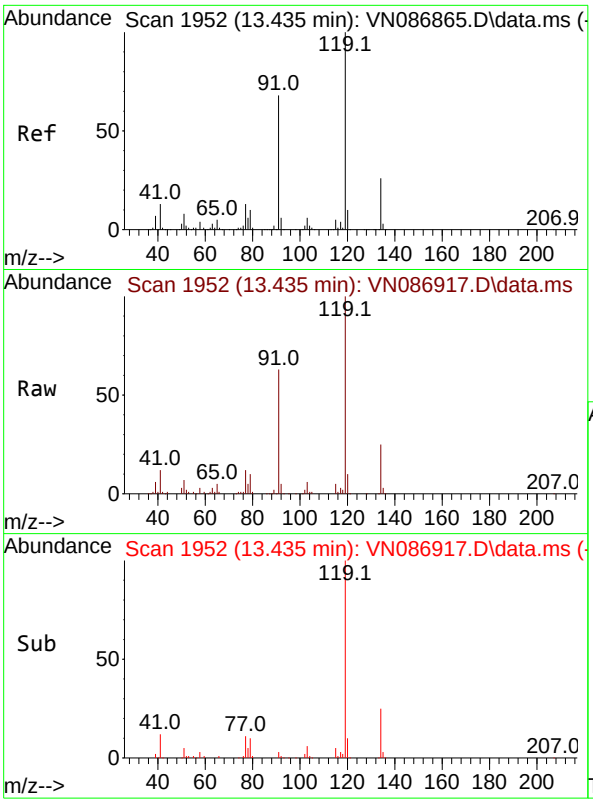


#82
4-Chlorotoluene
Concen: 19.051 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 91 Resp: 180752

Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.7	50.1





#83
tert-Butylbenzene
Concen: 18.256 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:119 Resp: 17751

Ion	Ratio	Lower	Upper
119	100		
91	61.1	32.1	96.5
134	26.4	13.4	40.1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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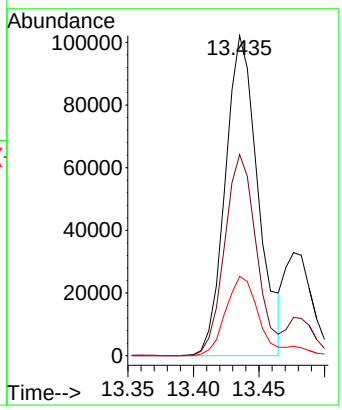
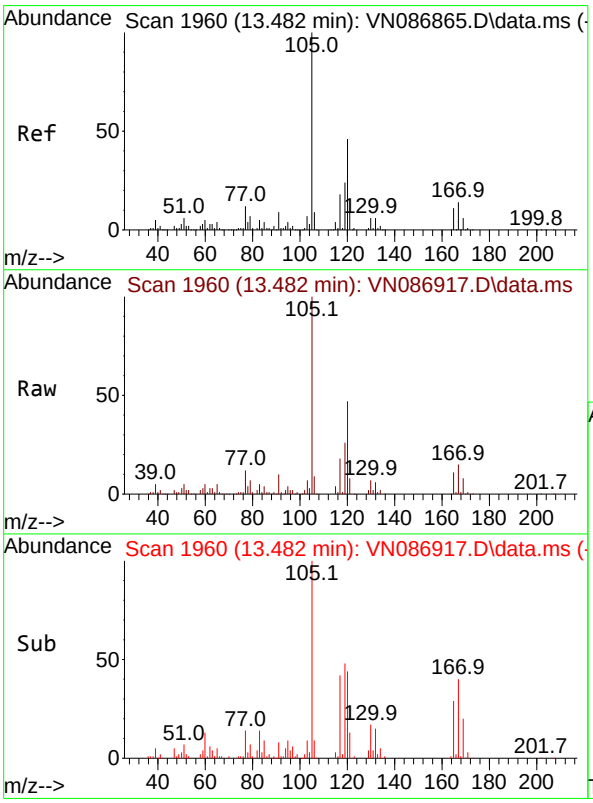
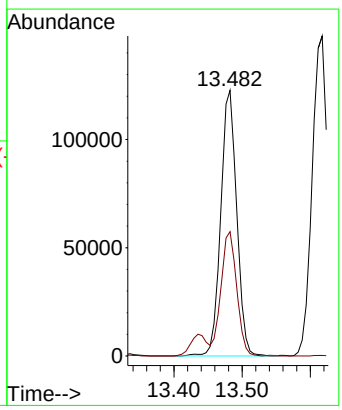


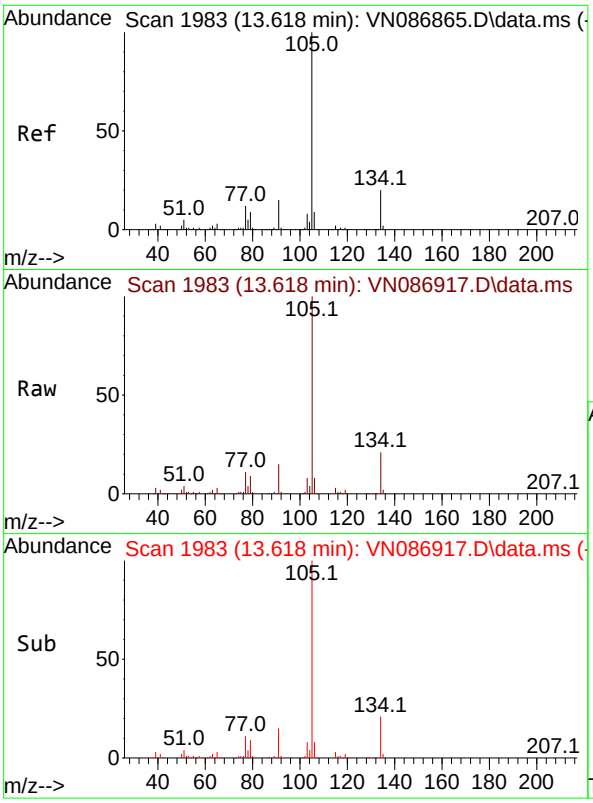


#84
1,2,4-Trimethylbenzene
Concen: 18.797 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:105 Resp: 200229

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.2	69.6

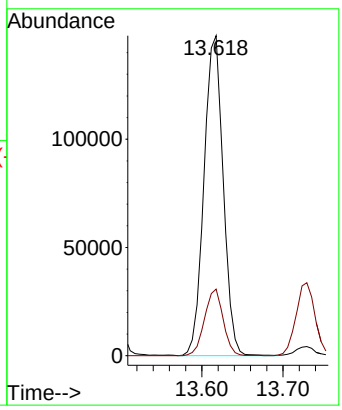




#85
sec-Butylbenzene
Concen: 17.198 ug/l
RT: 13.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:105 Resp: 24284

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0



Instrument :
MSVOA_N
ClientSampleId :
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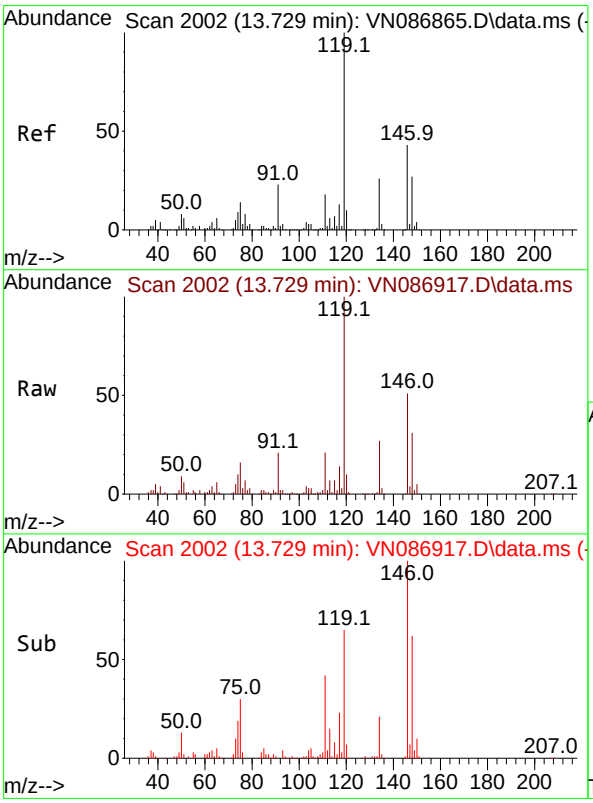
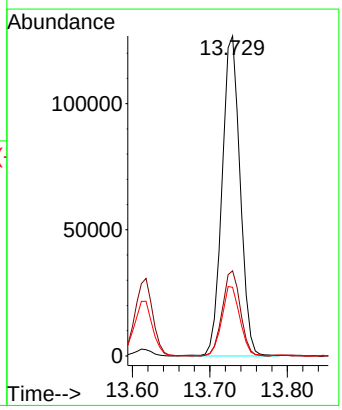
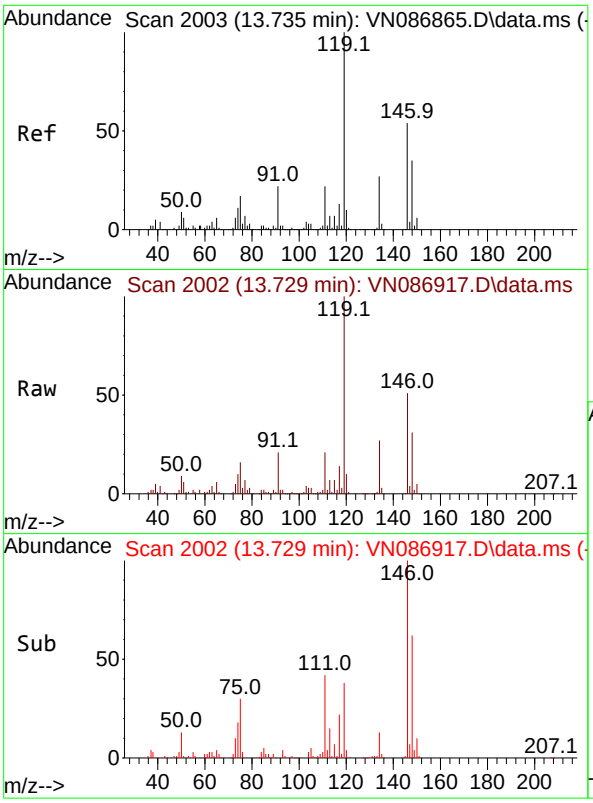


#86
p-Isopropyltoluene
Concen: 17.598 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:119 Resp: 205414

Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.5	40.4
91	21.8	11.5	34.4

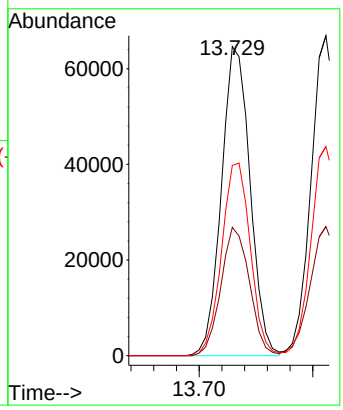




#87
1,3-Dichlorobenzene
Concen: 19.526 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:146 Resp: 11335

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.8
148	62.5	32.0	96.2



Instrument :
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ClientSampleId :
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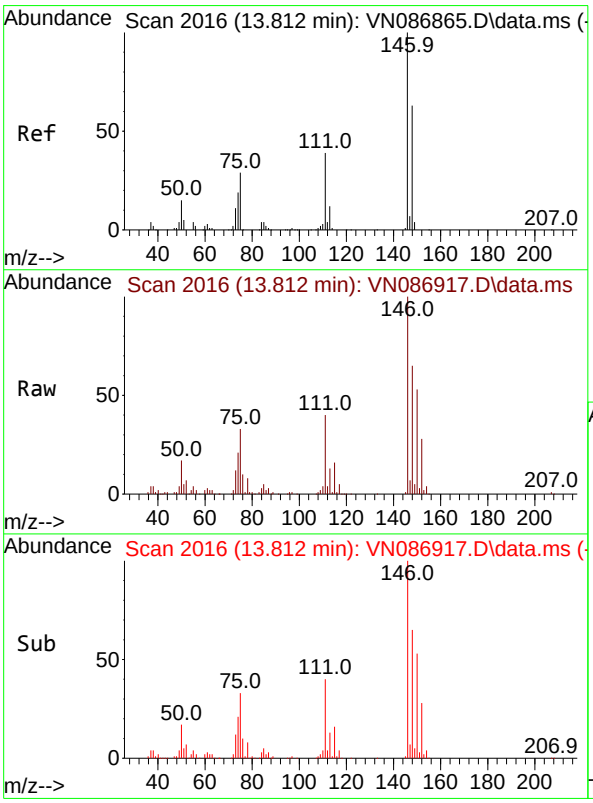
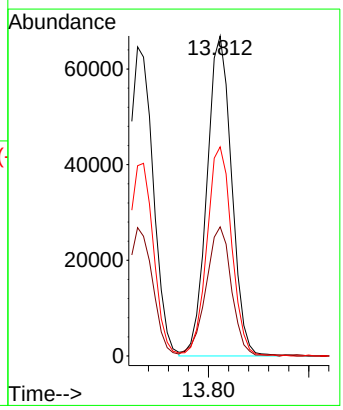
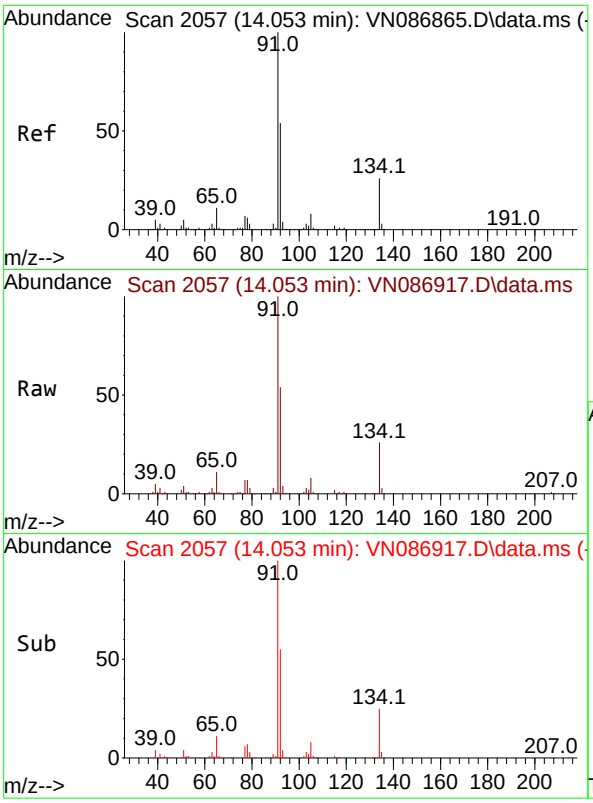


#88
1,4-Dichlorobenzene
Concen: 19.327 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:146 Resp: 114393

Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.9	59.7
148	65.8	31.8	95.4





#89
n-Butylbenzene
Concen: 16.619 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 91 Resp: 18790

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.5	82.4
134	26.0	13.0	39.0

Instrument :
MSVOA_N
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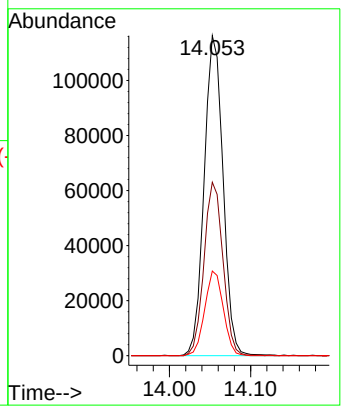
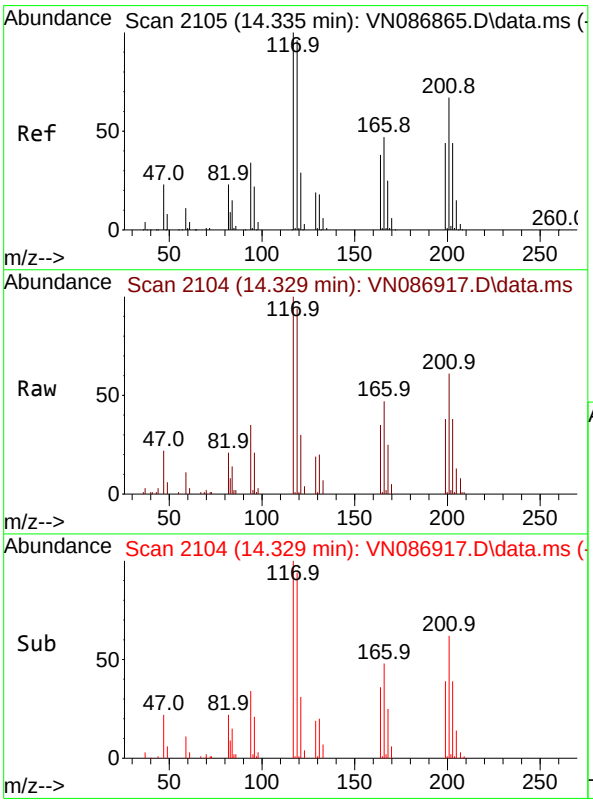
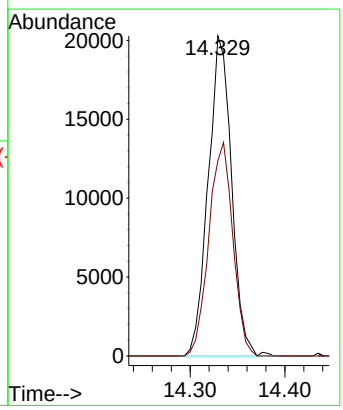


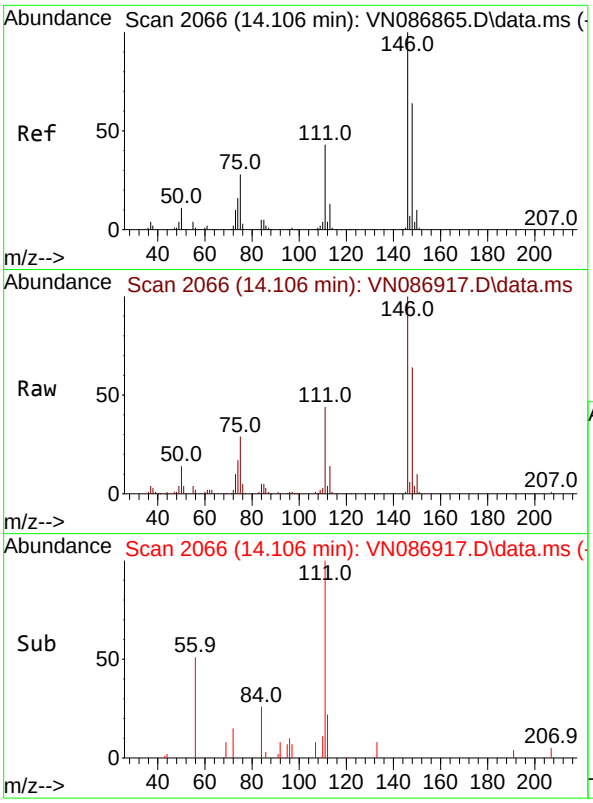


#90
Hexachloroethane
Concen: 17.510 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:117 Resp: 34646

Ion	Ratio	Lower	Upper
117	100		
201	68.6	33.2	99.6

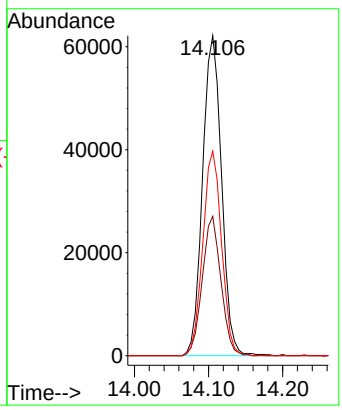




#91
1,2-Dichlorobenzene
Concen: 19.781 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:146 Resp: 11033

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.6	64.6
148	63.3	31.7	95.1



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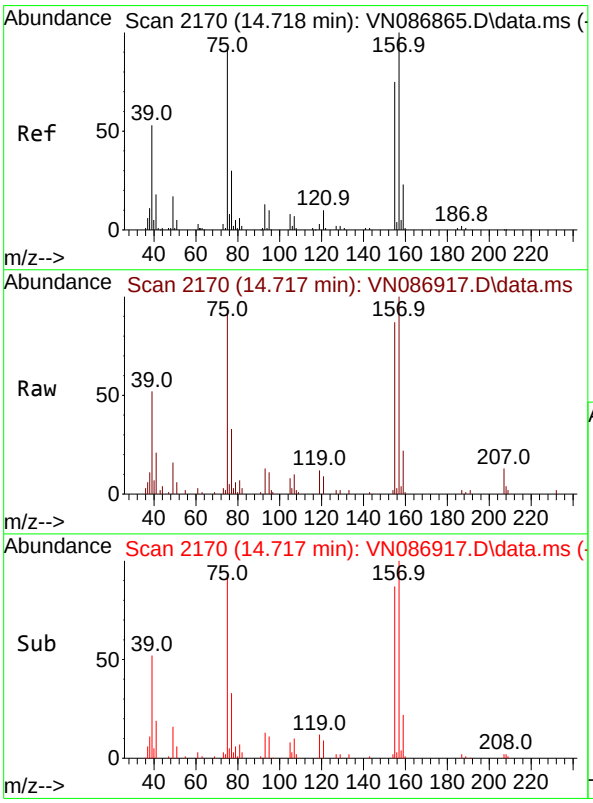
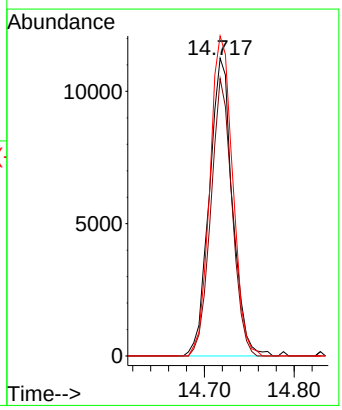
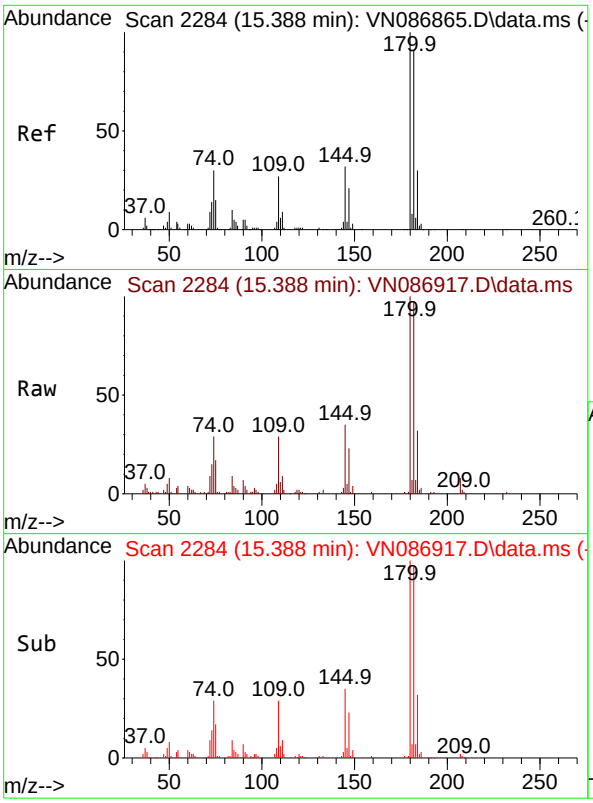


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.345 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 75 Resp: 20166

Ion	Ratio	Lower	Upper
75	100		
155	85.1	41.1	123.4
157	105.7	52.7	158.1

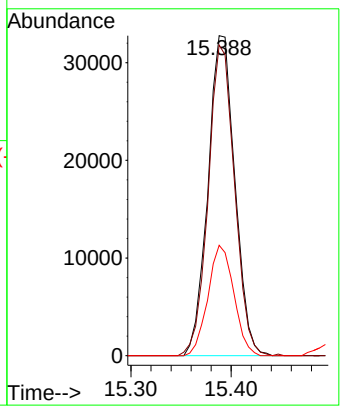




#93
1,2,4-Trichlorobenzene
Concen: 17.191 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:180 Resp: 6122

Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.9	140.7
145	33.1	16.0	47.9



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

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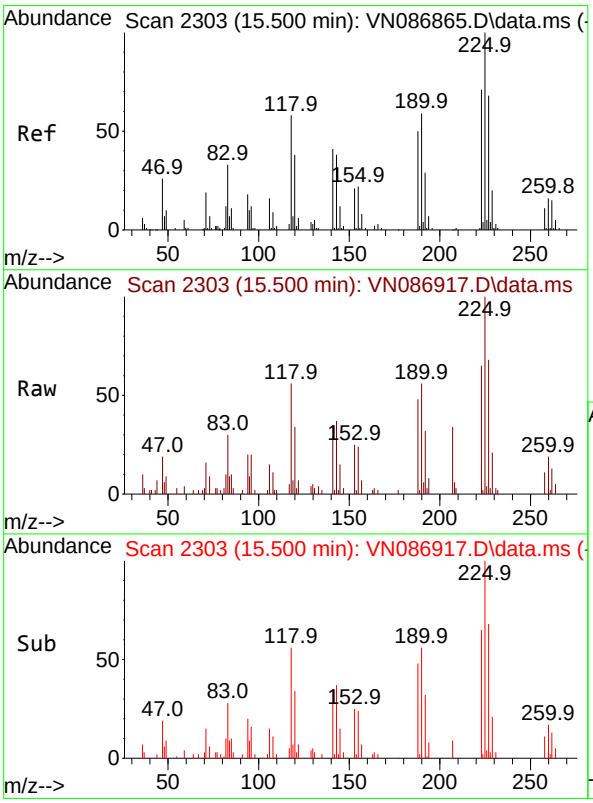
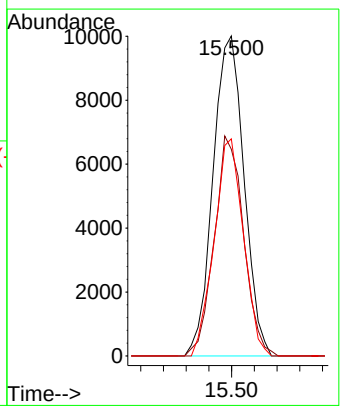
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

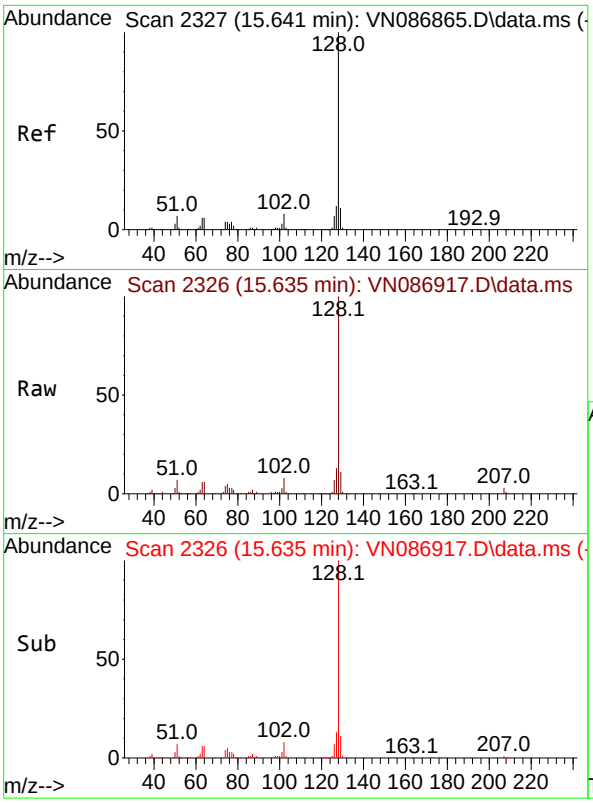


#94
Hexachlorobutadiene
Concen: 14.304 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:225 Resp: 18980

Ion	Ratio	Lower	Upper
225	100		
223	65.1	33.5	100.4
227	63.8	31.1	93.5

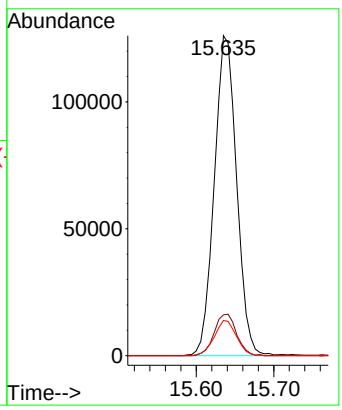




#95
Naphthalene
Concen: 19.039 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:128 Resp: 25239

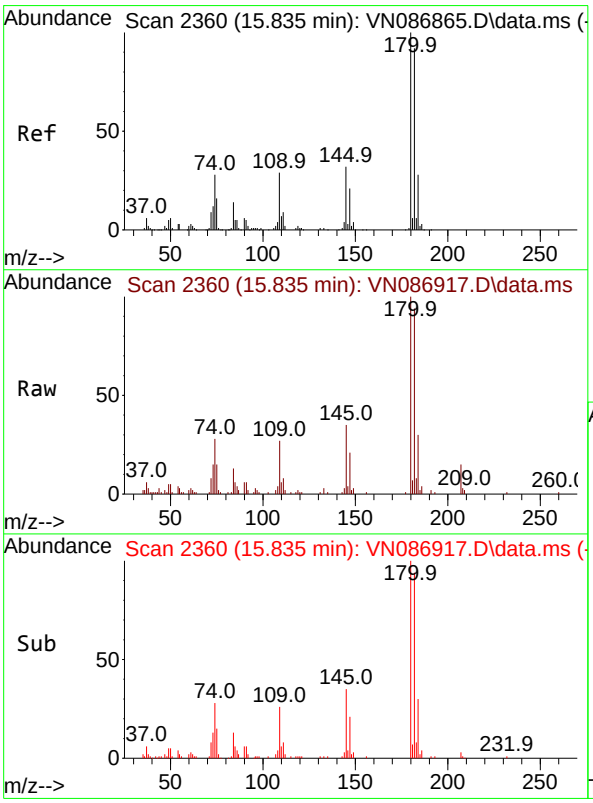
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Manual Integrations
APPROVED

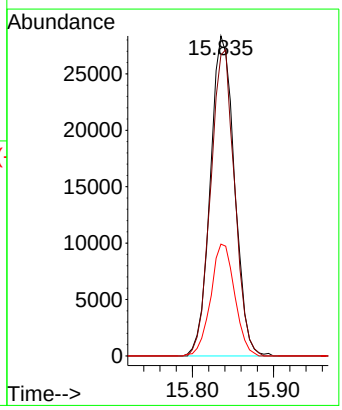
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.566 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:180 Resp: 58621

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.0	141.0
145	34.7	16.6	49.8



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY0611SBSD01	SDG No.:	Q2251
Lab Sample ID:	VY0611SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022655.D	1		06/11/25 11:23	VY061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	18.7		1.10	2.50	5.00	ug/Kg
75-01-4	Vinyl Chloride	23.3		0.79	2.50	5.00	ug/Kg
74-83-9	Bromomethane	22.5		1.10	4.00	5.00	ug/Kg
75-00-3	Chloroethane	24.0		1.30	2.50	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	25.0		1.20	4.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.3		1.10	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.8		1.00	2.50	5.00	ug/Kg
67-64-1	Acetone	150		4.70	20.0	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.3		1.10	4.00	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.4		0.73	2.50	5.00	ug/Kg
75-09-2	Methylene Chloride	23.0		3.50	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.8		0.86	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.6		0.80	2.50	5.00	ug/Kg
78-93-3	2-Butanone	120		6.50	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.4		0.97	2.50	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.6		0.75	2.50	5.00	ug/Kg
67-66-3	Chloroform	22.4		0.84	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.1		0.93	2.50	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.0		0.91	2.50	5.00	ug/Kg
71-43-2	Benzene	21.9		0.79	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.7		0.79	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	21.8		0.81	2.50	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.7		0.91	2.50	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.1		0.78	2.50	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	98.1		3.60	12.5	25.0	ug/Kg
108-88-3	Toluene	21.5		0.78	2.50	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	20.6		0.65	2.50	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.8		0.62	2.50	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.8		0.92	2.50	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	12.5	25.0	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY0611SBSD01	SDG No.:	Q2251
Lab Sample ID:	VY0611SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022655.D	1		06/11/25 11:23	VY061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
124-48-1	Dibromochloromethane	21.4		0.87	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	24.6		1.10	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	21.9		0.91	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.7		0.67	2.50	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.8		1.20	5.00	10.0	ug/Kg
95-47-6	o-Xylene	20.7		0.82	2.50	5.00	ug/Kg
100-42-5	Styrene	20.8		0.71	2.50	5.00	ug/Kg
75-25-2	Bromoform	20.3		0.86	2.50	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.9		0.78	2.50	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.5		1.20	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.3		1.70	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.8		1.60	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.4		1.50	2.50	5.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.5		71 - 136		101%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	52.0		85 - 116		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		79 - 119		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	154000	7.707				
540-36-3	1,4-Difluorobenzene	261000	8.616				
3114-55-4	Chlorobenzene-d5	216000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	102000	13.347				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022655.D
Acq On : 11 Jun 2025 11:23
Operator : SY/MD
Sample : VY0611SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 12 05:04:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	154293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	261377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	216375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	102308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	87123	50.486	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.980%			
35) Dibromofluoromethane	7.634	113	80454	51.570	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.140%			
50) Toluene-d8	10.109	98	328033	52.037	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.402	95	91618	48.779	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	30403	22.009	ug/l	98
3) Chloromethane	2.068	50	76247	18.684	ug/l	99
4) Vinyl Chloride	2.202	62	110194	23.276	ug/l	97
5) Bromomethane	2.586	94	101895	22.456	ug/l	98
6) Chloroethane	2.733	64	77966	23.993	ug/l	91
7) Trichlorofluoromethane	3.050	101	100530	25.013	ug/l	98
8) Diethyl Ether	3.452	74	19482	21.525	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	37758	22.306	ug/l	99
10) Methyl Iodide	4.001	142	35808	19.548	ug/l	99
11) Tert butyl alcohol	4.866	59	13088	106.187	ug/l #	90
12) 1,1-Dichloroethene	3.787	96	33677	20.814	ug/l	96
13) Acrolein	3.653	56	11169	72.712	ug/l	85
14) Allyl chloride	4.379	41	51189	20.153	ug/l	98
15) Acrylonitrile	5.055	53	39623	103.367	ug/l	99
16) Acetone	3.867	43	51236	146.196	ug/l	97
17) Carbon Disulfide	4.104	76	105015	20.273	ug/l	98
18) Methyl Acetate	4.385	43	20954	20.191	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	92788	20.360	ug/l	100
20) Methylene Chloride	4.616	84	45698	22.955	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	39459	21.790	ug/l	84
22) Diisopropyl ether	6.019	45	116281	20.566	ug/l	98
23) Vinyl Acetate	5.958	43	332344	99.313	ug/l	97
24) 1,1-Dichloroethane	5.915	63	71877	21.579	ug/l	99
25) 2-Butanone	6.896	43	59713	118.122	ug/l	98
26) 2,2-Dichloropropane	6.884	77	61544	20.912	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	45141	21.567	ug/l	98
28) Bromochloromethane	7.244	49	30556	21.045	ug/l	100
29) Tetrahydrofuran	7.262	42	32926	100.986	ug/l	99
30) Chloroform	7.421	83	73770	22.360	ug/l	96
31) Cyclohexane	7.701	56	64272	19.382	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	64586	22.053	ug/l	99
36) 1,1-Dichloropropene	7.835	75	53788	21.243	ug/l	99
37) Ethyl Acetate	6.988	43	24204m	21.435	ug/l	
38) Carbon Tetrachloride	7.817	117	55462	21.352	ug/l	92
39) Methylcyclohexane	9.110	83	68129	20.022	ug/l	99
40) Benzene	8.079	78	163413	21.851	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022655.D
Acq On : 11 Jun 2025 11:23
Operator : SY/MD
Sample : VY0611SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 12 05:04:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11060	16.769 ug/l #	88
42) 1,2-Dichloroethane	8.158	62	44229	21.660 ug/l	98
43) Isopropyl Acetate	8.195	43	48754	19.992 ug/l	96
44) Trichloroethene	8.866	130	39874	21.815 ug/l	97
45) 1,2-Dichloropropane	9.140	63	38405	21.729 ug/l	96
46) Dibromomethane	9.231	93	21044	21.164 ug/l	97
47) Bromodichloromethane	9.427	83	55680	22.084 ug/l	97
48) Methyl methacrylate	9.225	41	22107m	19.315 ug/l	
49) 1,4-Dioxane	9.238	88	4781	405.855 ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	119284	98.107 ug/l	96
52) Toluene	10.170	92	101252	21.544 ug/l	98
53) t-1,3-Dichloropropene	10.396	75	48733	20.629 ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	57255	20.820 ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	27620	21.784 ug/l	96
56) Ethyl methacrylate	10.439	69	35231	19.225 ug/l	99
57) 1,3-Dichloropropane	10.719	76	48083	21.396 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	84651	101.741 ug/l	99
59) 2-Hexanone	10.762	43	88514	108.852 ug/l	99
60) Dibromochloromethane	10.914	129	34405	21.352 ug/l	98
61) 1,2-Dibromoethane	11.012	107	24433	21.142 ug/l	98
64) Tetrachloroethene	10.646	164	45809	24.611 ug/l	97
65) Chlorobenzene	11.438	112	104686	21.864 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	33988	21.071 ug/l	97
67) Ethyl Benzene	11.518	91	184235	20.745 ug/l	98
68) m/p-Xylenes	11.627	106	140858	41.839 ug/l	100
69) o-Xylene	11.950	106	65306	20.690 ug/l	100
70) Styrene	11.969	104	108428	20.781 ug/l	98
71) Bromoform	12.133	173	17443	20.322 ug/l #	97
73) Isopropylbenzene	12.255	105	175327	20.874 ug/l	100
74) N-amyl acetate	12.066	43	40443	19.083 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	26860	19.484 ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	20540m	17.549 ug/l	
77) Bromobenzene	12.530	156	37003	20.876 ug/l	99
78) n-propylbenzene	12.591	91	215673	21.023 ug/l	99
79) 2-Chlorotoluene	12.676	91	111836	20.568 ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	136959	20.769 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	8836	18.231 ug/l	94
82) 4-Chlorotoluene	12.774	91	114316	20.380 ug/l	96
83) tert-Butylbenzene	12.993	119	122545	20.705 ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	135799	20.590 ug/l	99
85) sec-Butylbenzene	13.170	105	191535	21.130 ug/l	100
86) p-Isopropyltoluene	13.292	119	155151	20.765 ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	76368	21.265 ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	75907	21.792 ug/l	100
89) n-Butylbenzene	13.615	91	148942	21.011 ug/l	99
90) Hexachloroethane	13.877	117	31366	21.563 ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	65316	21.421 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4000	19.929 ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	34227	20.582 ug/l	98
94) Hexachlorobutadiene	15.023	225	20570	22.411 ug/l	98
95) Naphthalene	15.139	128	65657	20.574 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	29376	20.612 ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022655.D
Acq On : 11 Jun 2025 11:23
Operator : SY/MD
Sample : VY0611SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 12 05:04:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

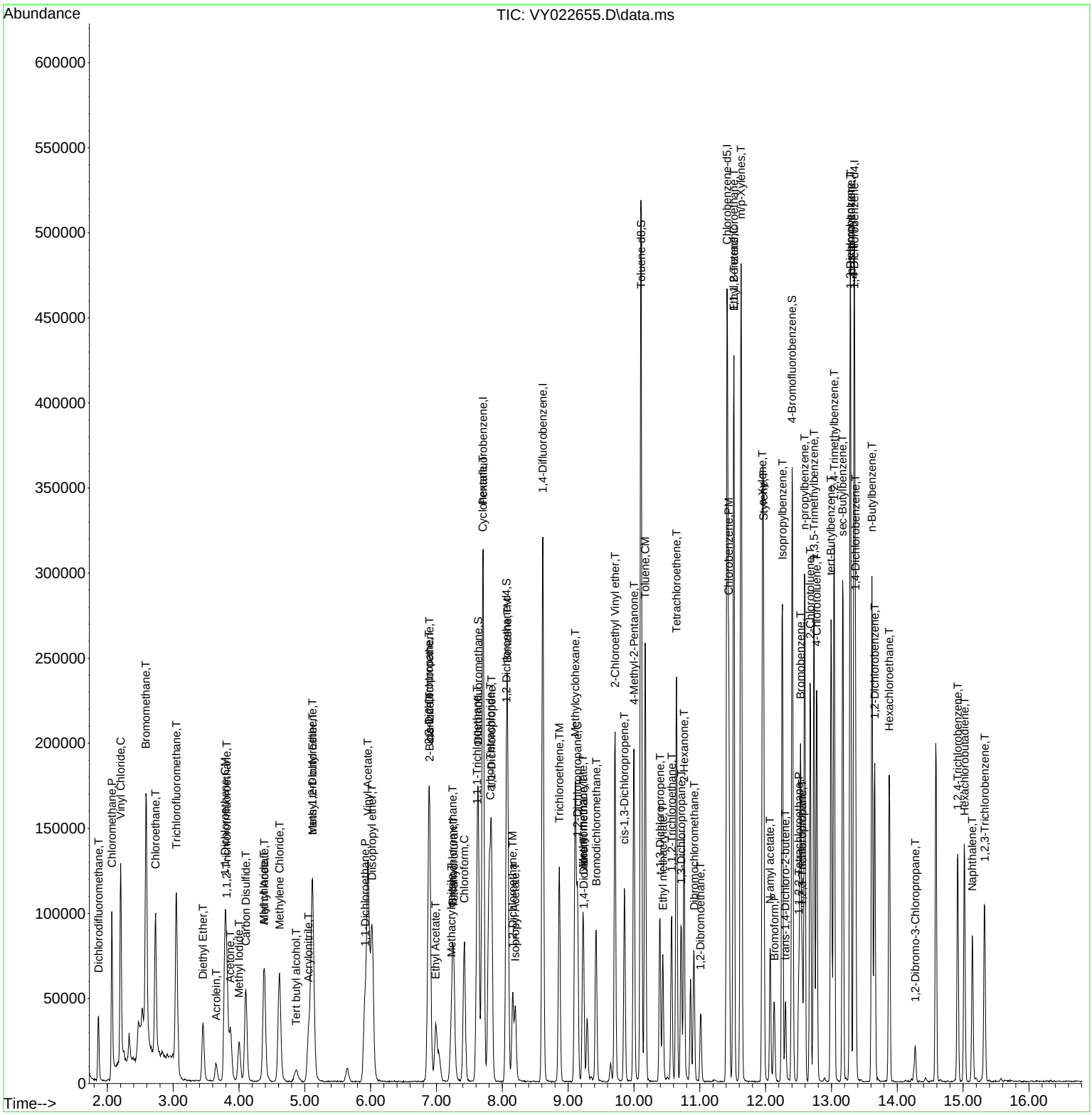
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022655.D
Acq On : 11 Jun 2025 11:23
Operator : SY/MD
Sample : VY0611SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

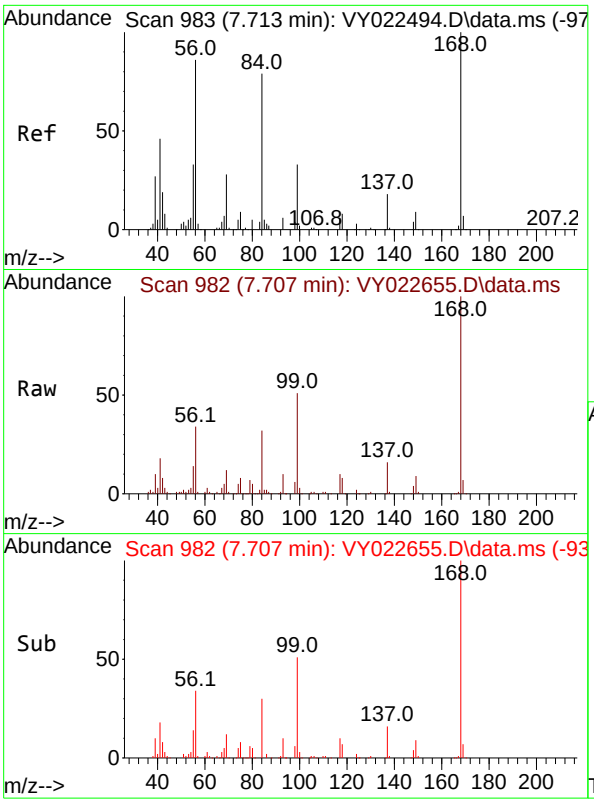
Quant Time: Jun 12 05:04:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:168 Resp: 15429

Ion	Ratio	Lower	Upper
168	100		
99	50.9	44.3	66.5

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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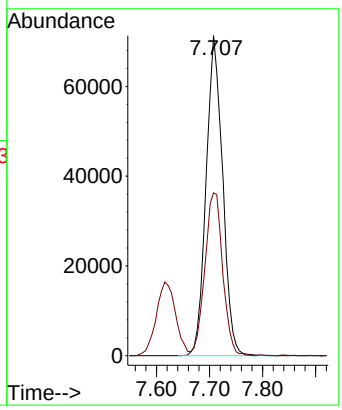
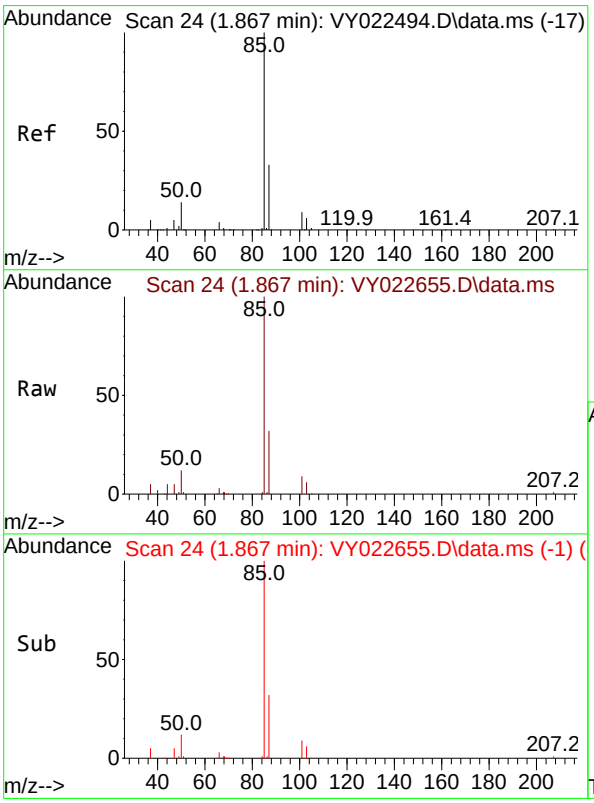
Supervised By :Semsettin Yesilyurt 06/12/2025

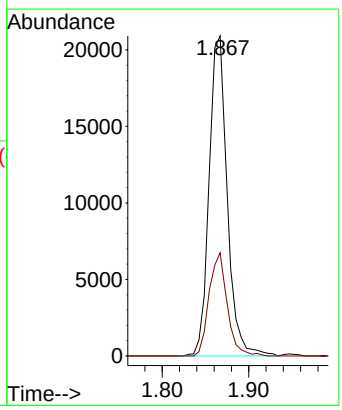


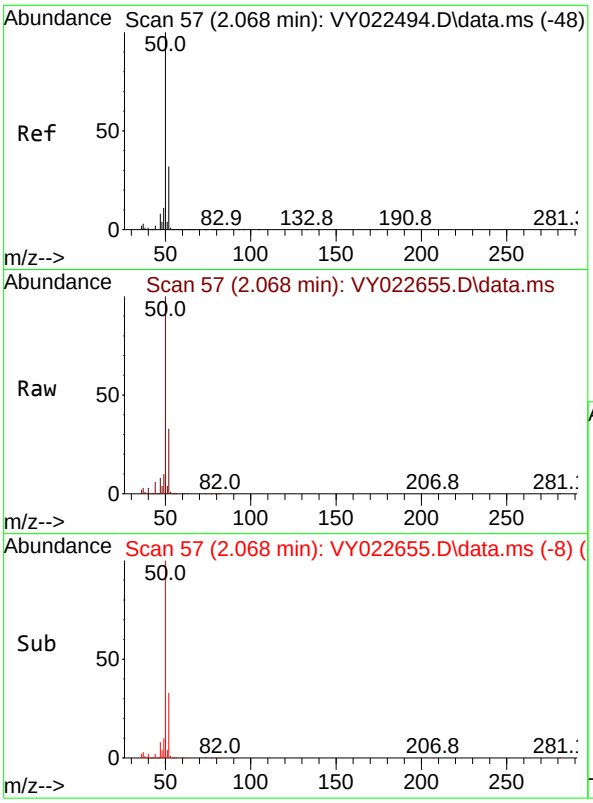


#2
Dichlorodifluoromethane
Concen: 22.009 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 85 Resp: 30403

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.7	50.0





#3
Chloromethane
Concen: 18.684 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 50 Resp: 7624

Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.0	39.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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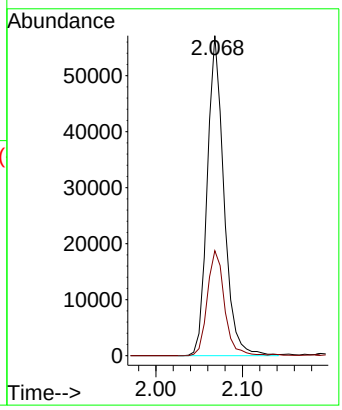
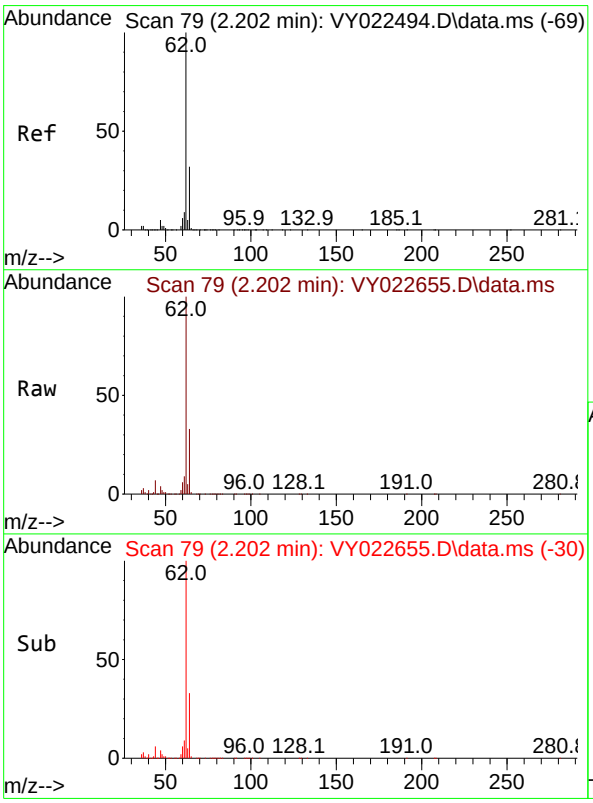
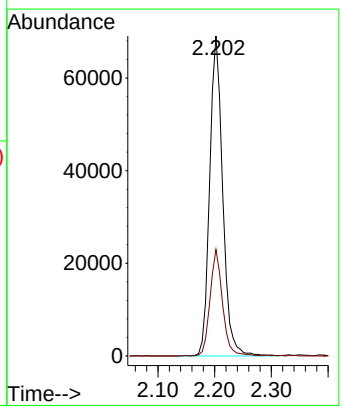


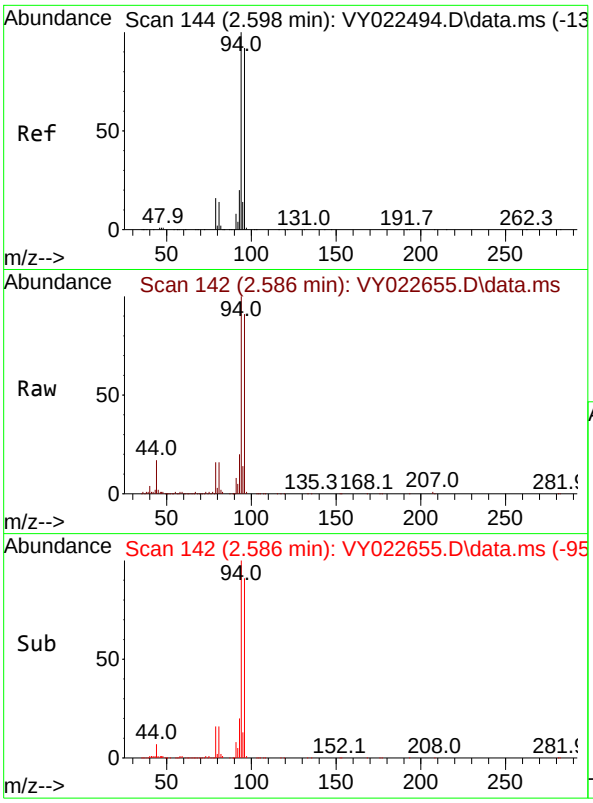


#4
Vinyl Chloride
Concen: 23.276 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 62 Resp: 110194

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.3	37.9

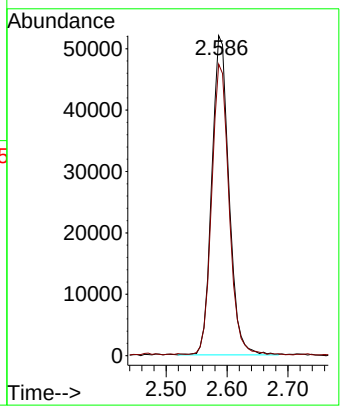




#5
Bromomethane
Concen: 22.456 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 94 Resp: 10189

Ion	Ratio	Lower	Upper
94	100		
96	90.7	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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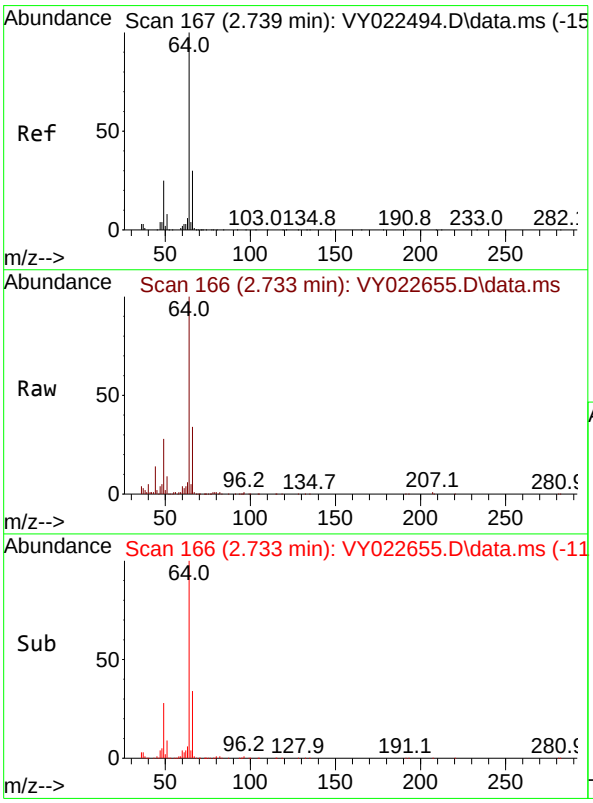
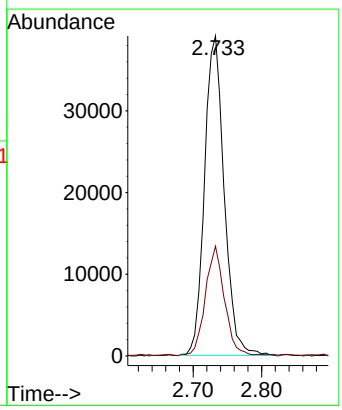
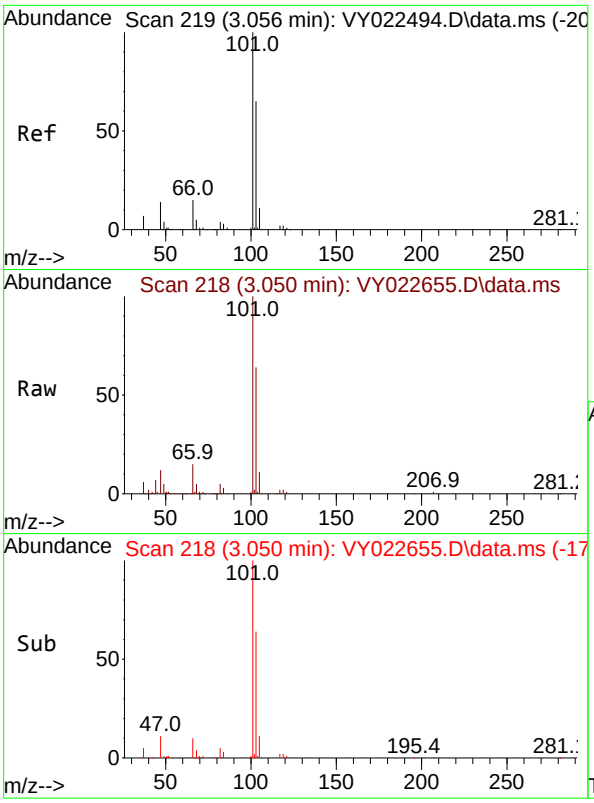


#6
Chloroethane
Concen: 23.993 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 64 Resp: 77966

Ion	Ratio	Lower	Upper
64	100		
66	34.4	23.8	35.6





#7
Trichlorofluoromethane
Concen: 25.013 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:101 Resp: 10053

Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.2	78.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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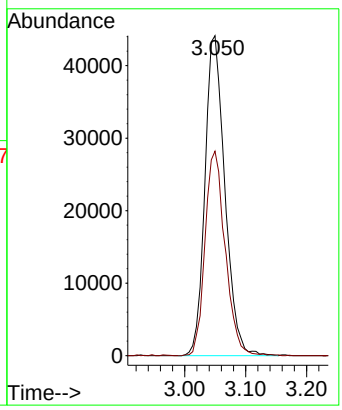
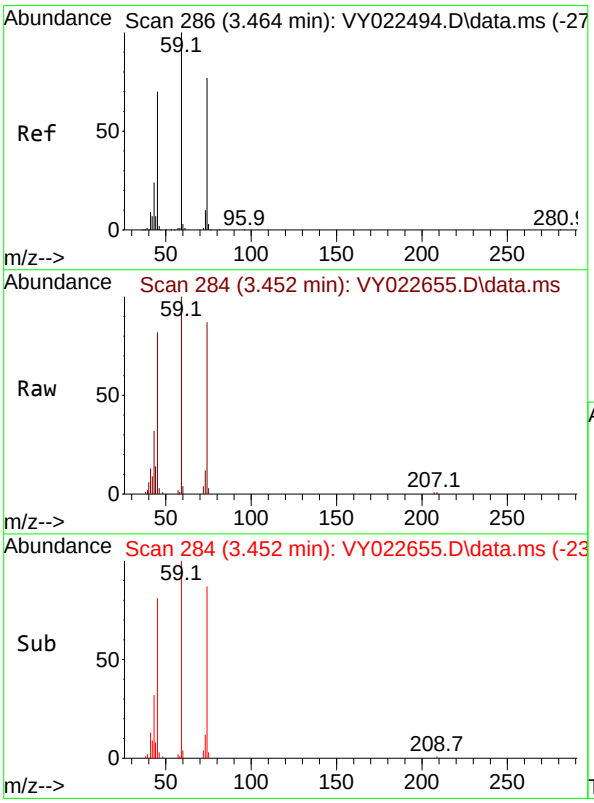
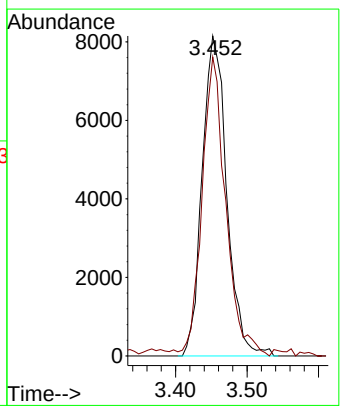


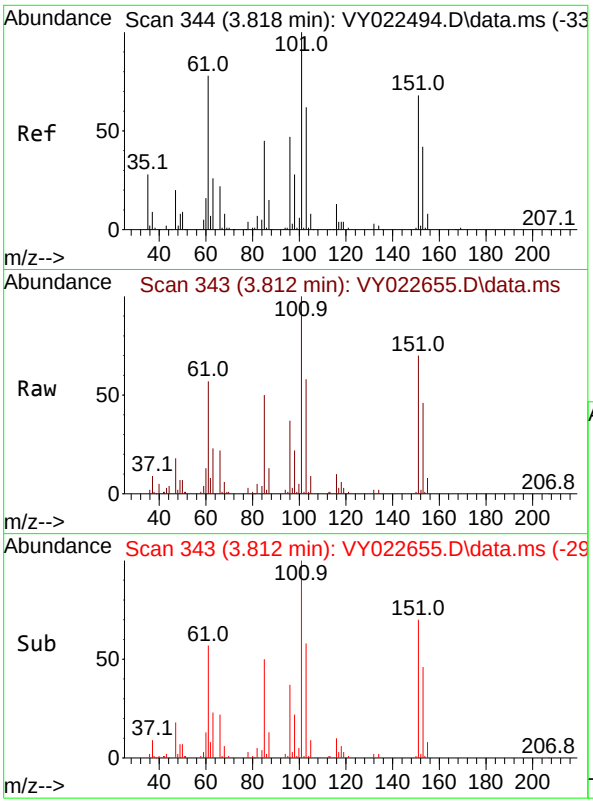


#8
Diethyl Ether
Concen: 21.525 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 74 Resp: 19482

Ion	Ratio	Lower	Upper
74	100		
45	89.9	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.306 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:101 Resp: 3775

Ion	Ratio	Lower	Upper
101	100		
85	48.6	39.3	58.9
151	71.3	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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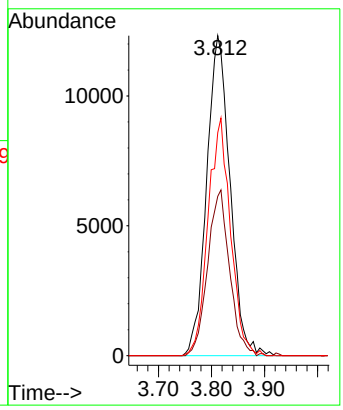
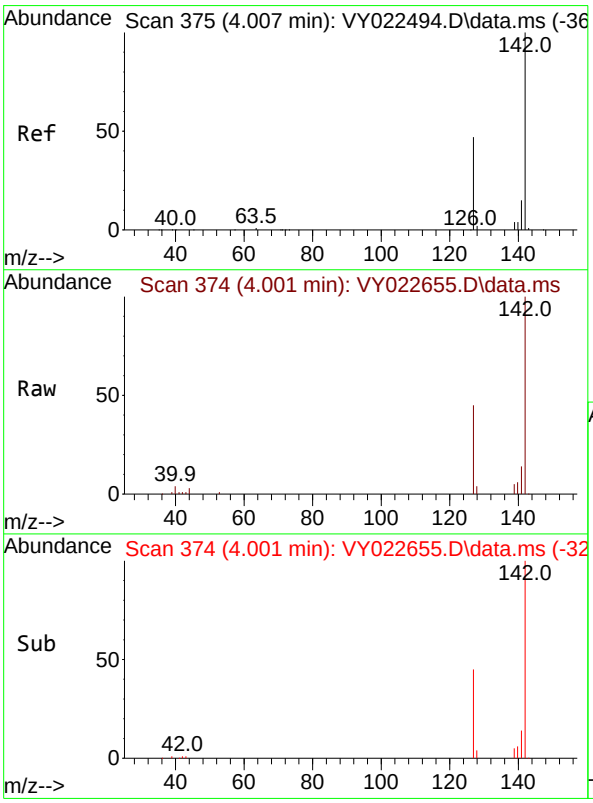
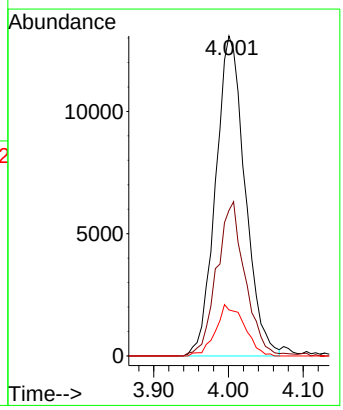


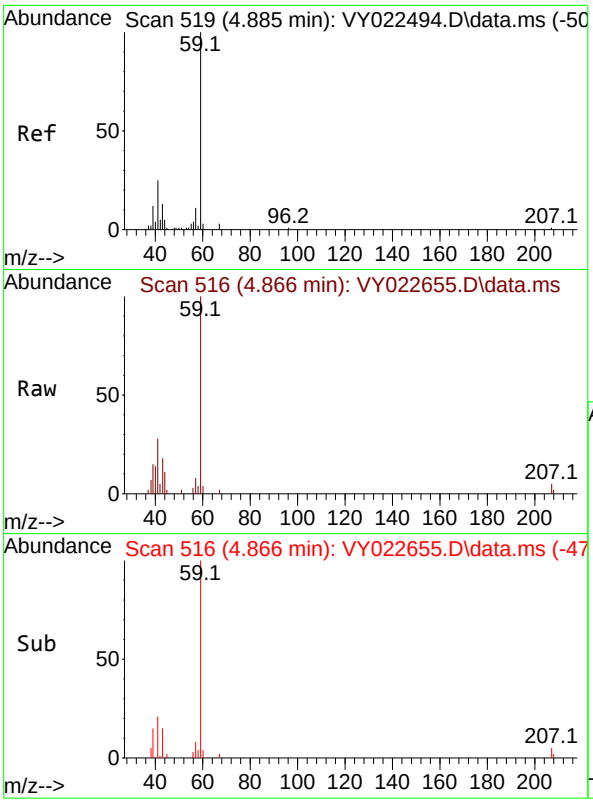


#10
Methyl Iodide
Concen: 19.548 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:142 Resp: 35808

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.1	55.7
141	15.7	11.4	17.2

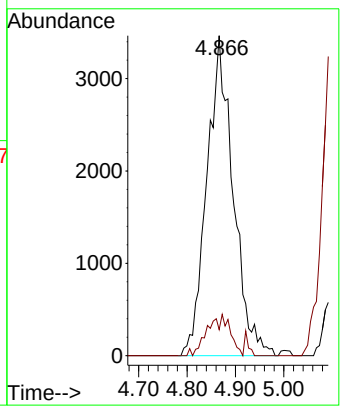




#11
Tert butyl alcohol
Concen: 106.187 ug/l
RT: 4.866 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 59 Resp: 1308

Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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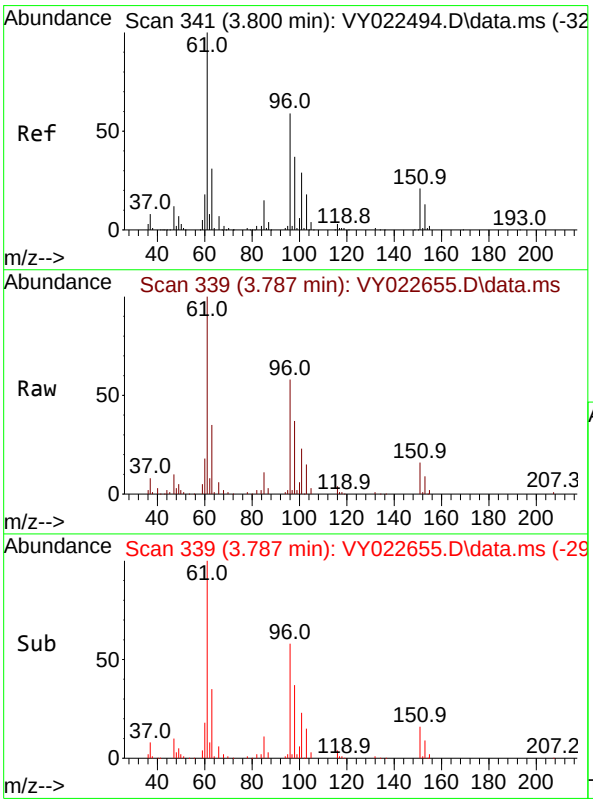
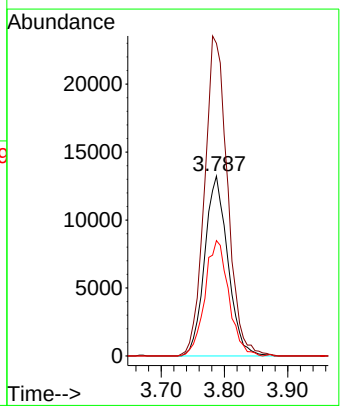
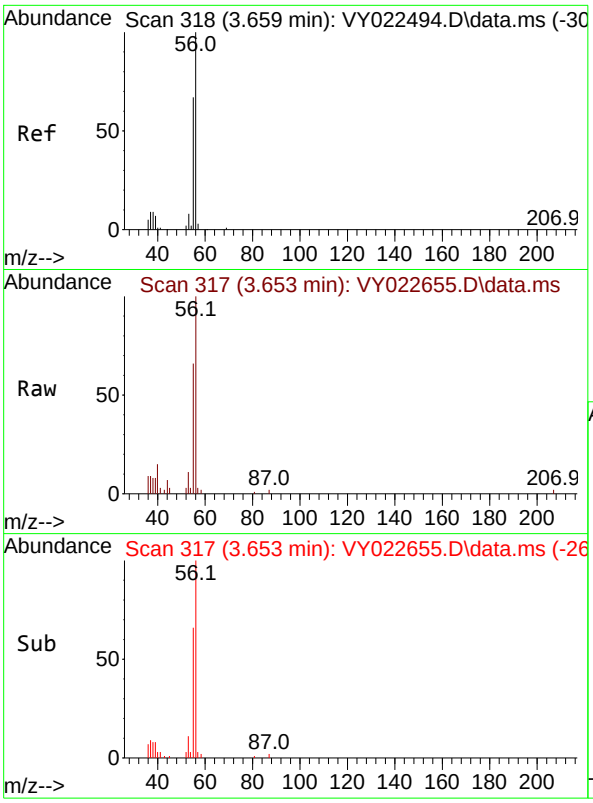


#12
1,1-Dichloroethene
Concen: 20.814 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 96 Resp: 33677

Ion	Ratio	Lower	Upper
96	100		
61	173.9	134.6	201.8
98	64.2	50.2	75.4

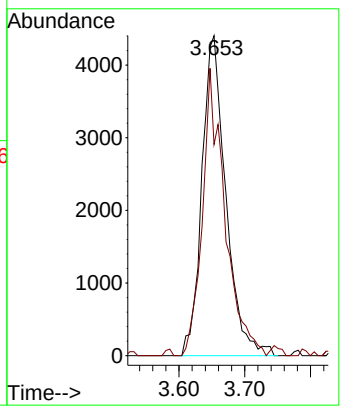




#13
Acrolein
Concen: 72.712 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 56 Resp: 1116

Ion	Ratio	Lower	Upper
56	100		
55	83.9	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
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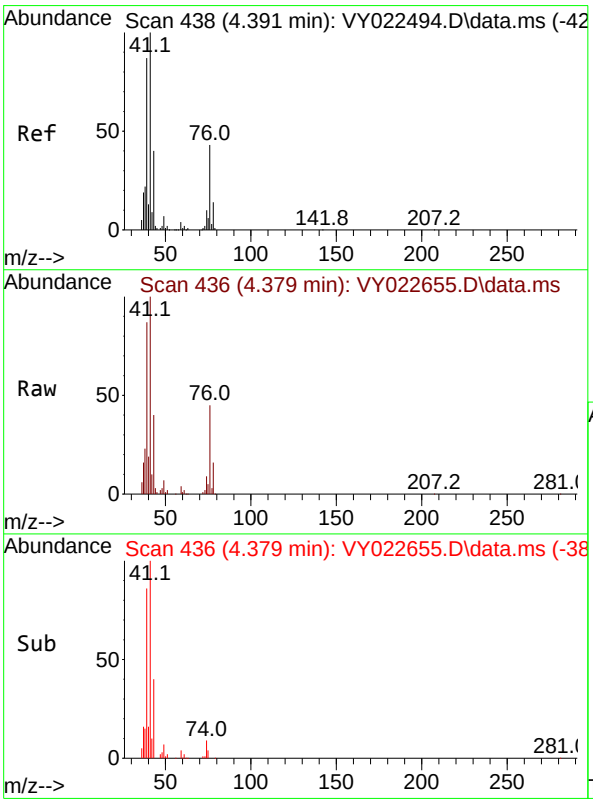
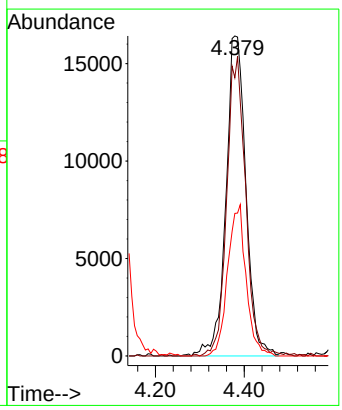
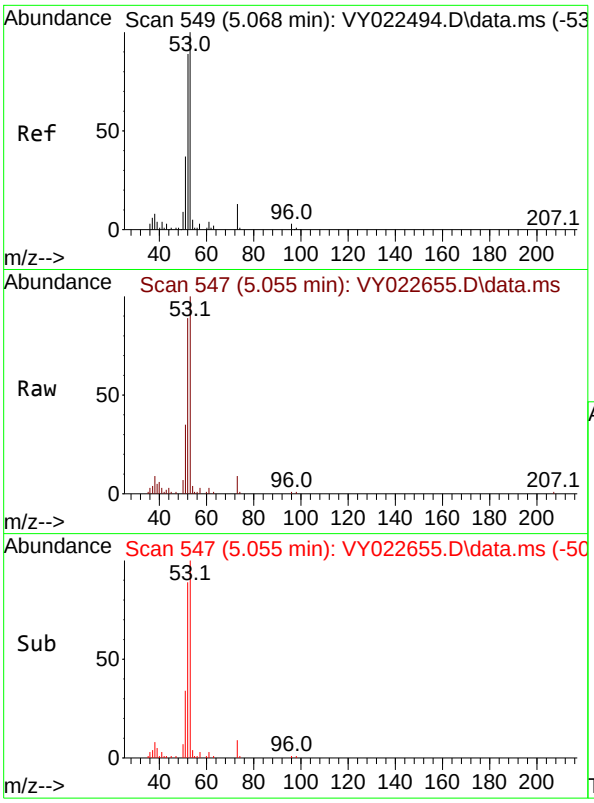


#14
Allyl chloride
Concen: 20.153 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 41 Resp: 51189

Ion	Ratio	Lower	Upper
41	100		
39	88.2	69.1	103.7
76	43.7	33.5	50.3

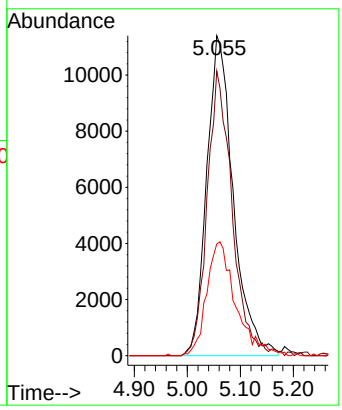




#15
Acrylonitrile
Concen: 103.367 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 53 Resp: 3962

Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.7	98.5
51	39.0	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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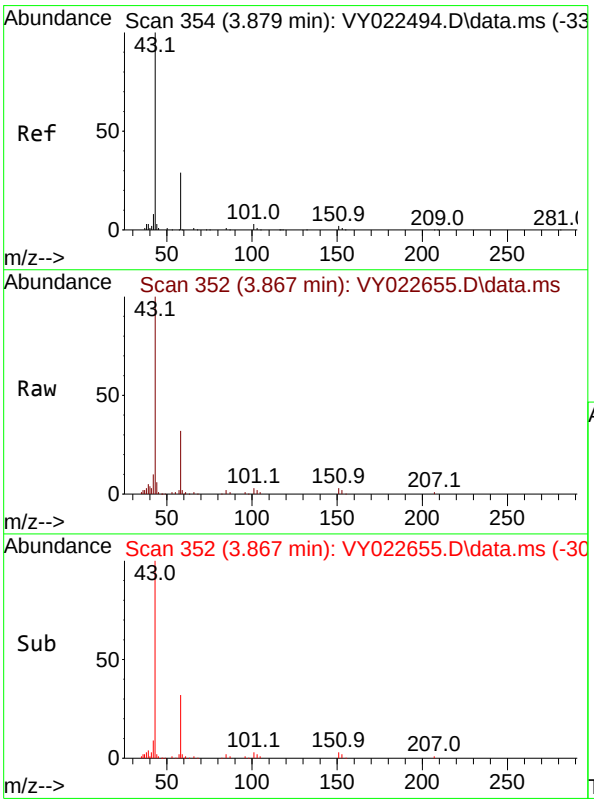
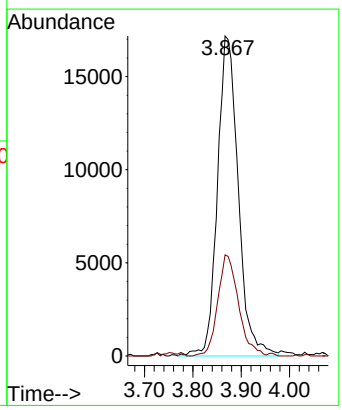
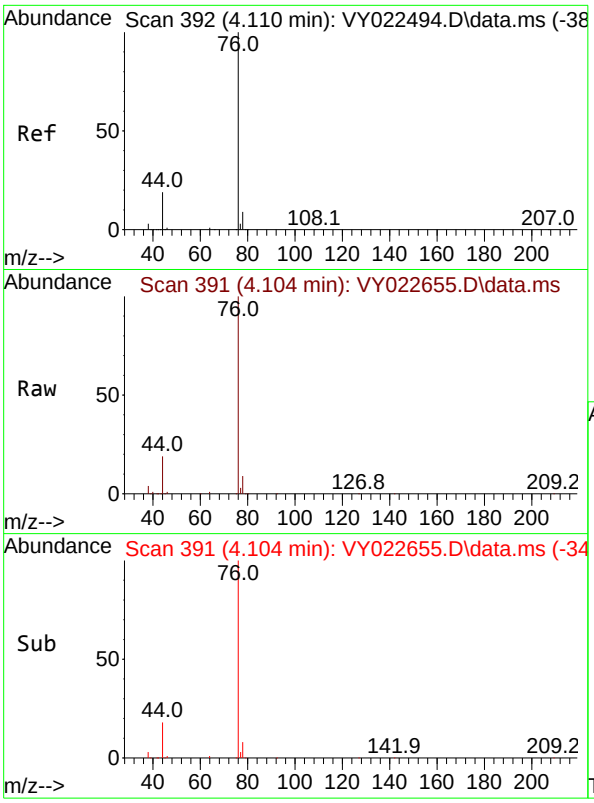


#16
Acetone
Concen: 146.196 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 51236

Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.0	36.0





#17
Carbon Disulfide
Concen: 20.273 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 76 Resp: 10501

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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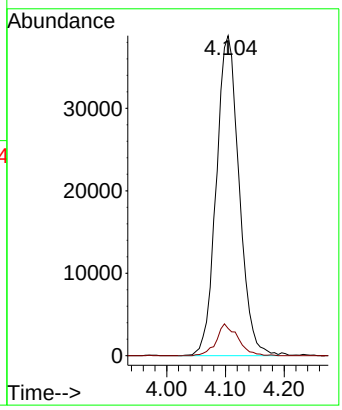
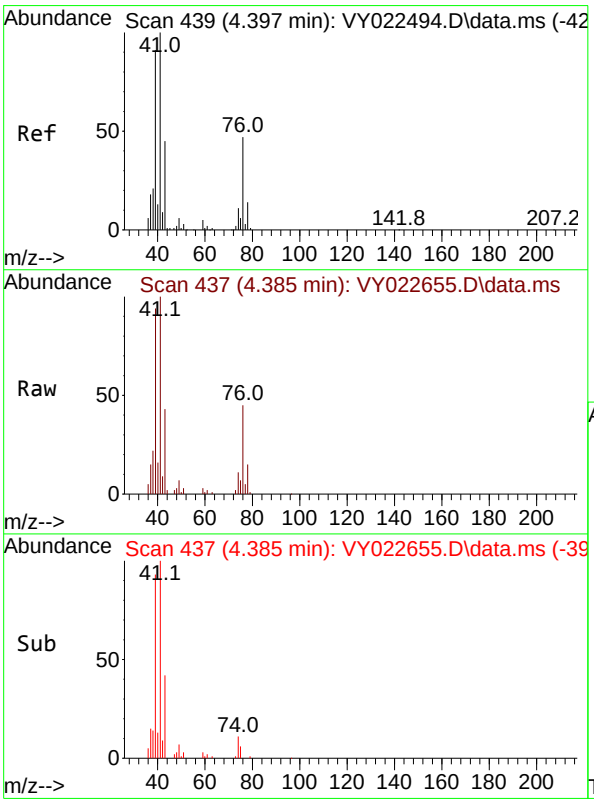
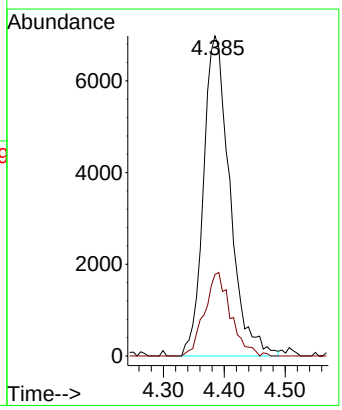


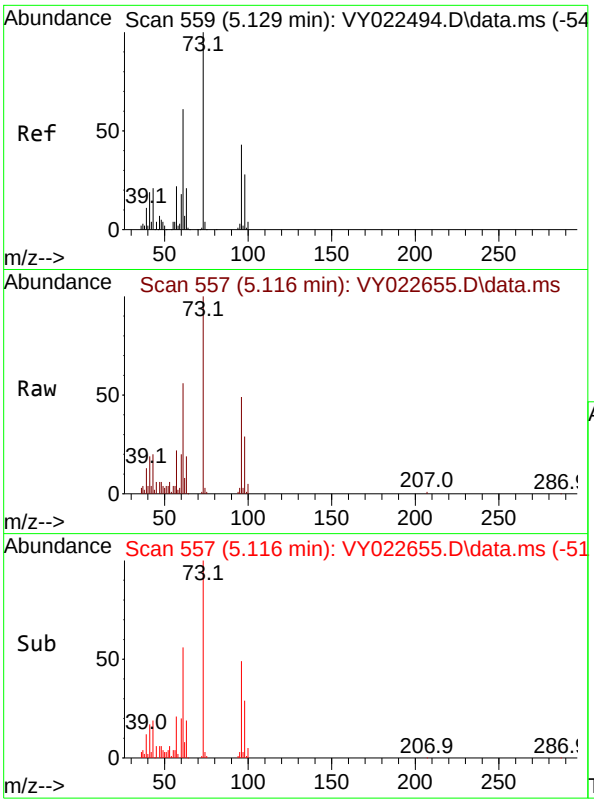


#18
Methyl Acetate
Concen: 20.191 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 20954

Ion	Ratio	Lower	Upper
43	100		
74	25.8	19.8	29.6

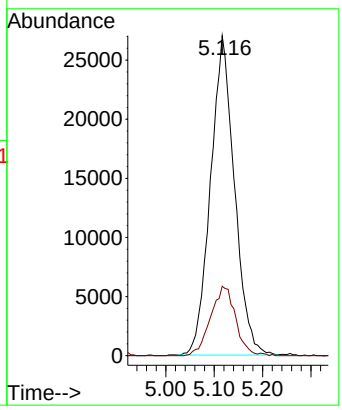




#19
Methyl tert-butyl Ether
Concen: 20.360 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 73 Resp: 9278

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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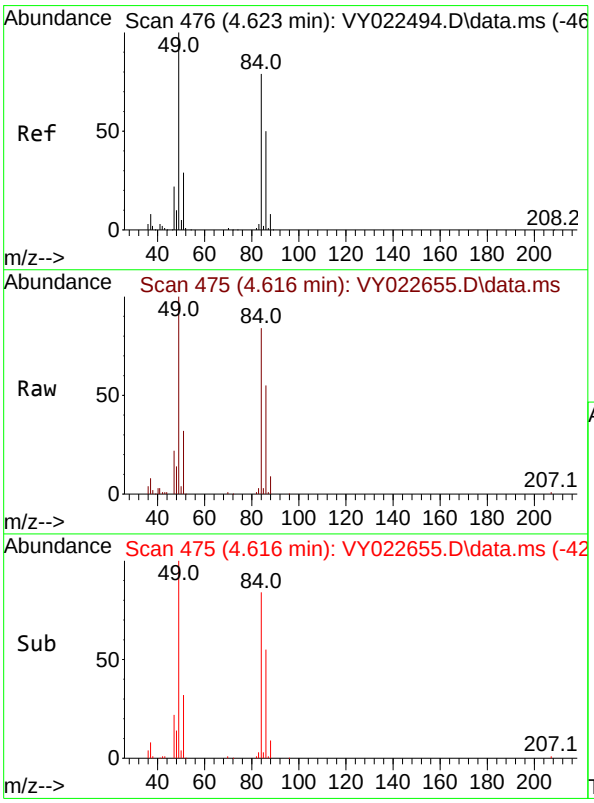
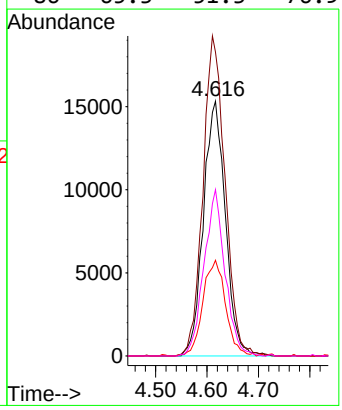
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

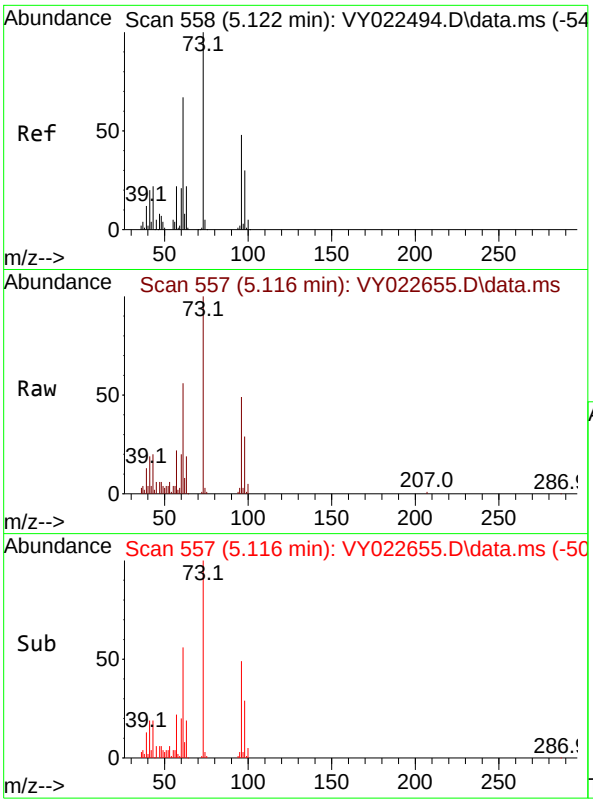


#20
Methylene Chloride
Concen: 22.955 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 84 Resp: 45698

Ion	Ratio	Lower	Upper
84	100		
49	119.3	101.9	152.9
51	37.6	29.8	44.8
86	65.3	51.3	76.9

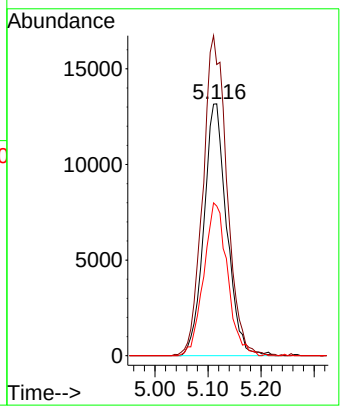




#21
trans-1,2-Dichloroethene
Concen: 21.790 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 96 Resp: 3945

Ion	Ratio	Lower	Upper
96	100		
61	115.6	112.6	169.0
98	59.4	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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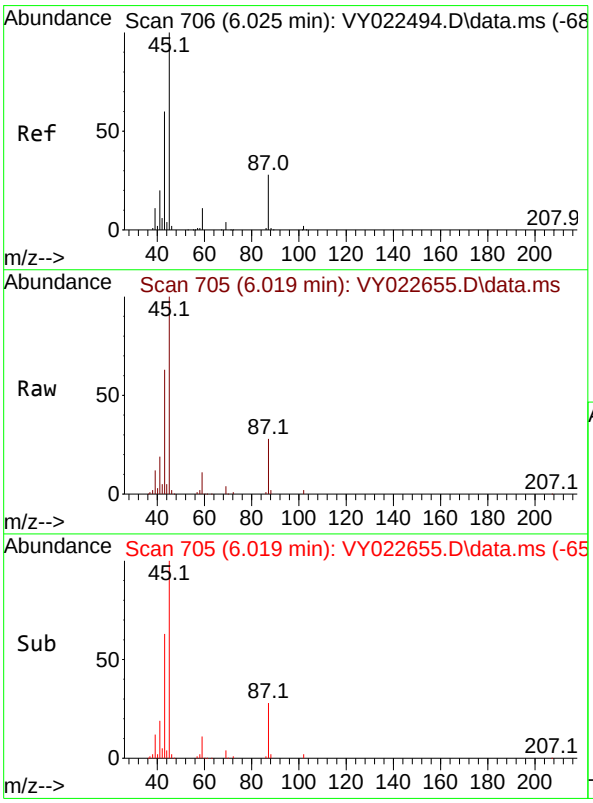
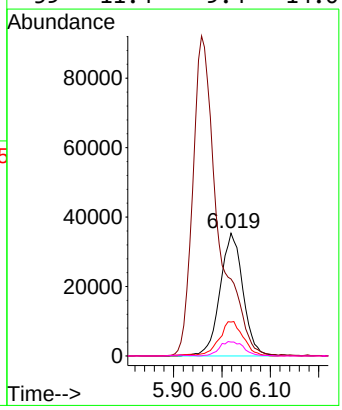
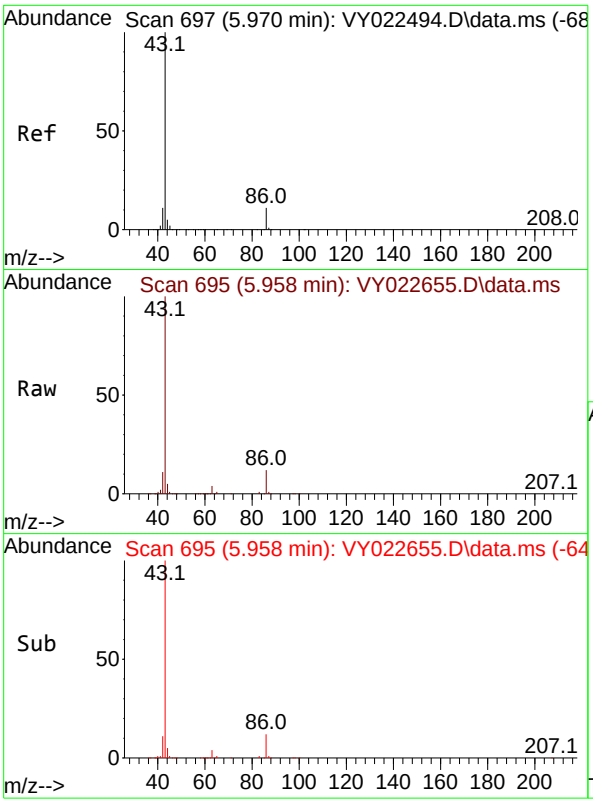


#22
Diisopropyl ether
Concen: 20.566 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 45 Resp: 116281

Ion	Ratio	Lower	Upper
45	100		
43	62.0	48.3	72.5
87	27.6	23.0	34.6
59	11.4	9.4	14.0





#23
Vinyl Acetate
Concen: 99.313 ug/l
RT: 5.958 min Scan# 6
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 33234

Ion	Ratio	Lower	Upper
43	100		
86	11.9	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
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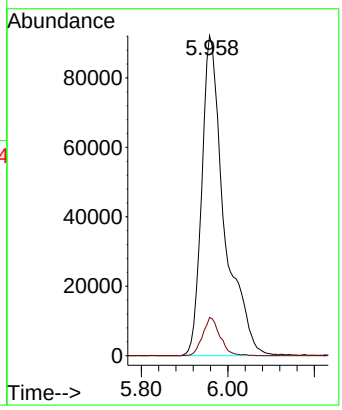
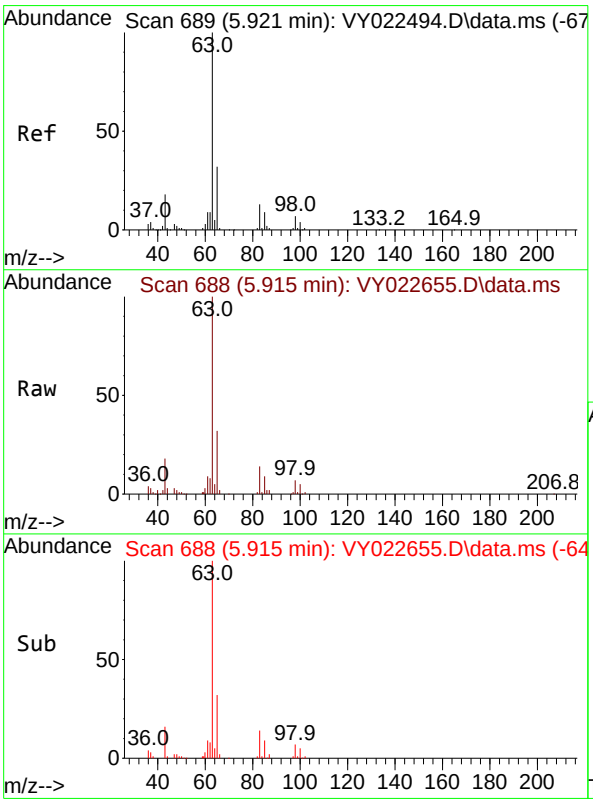
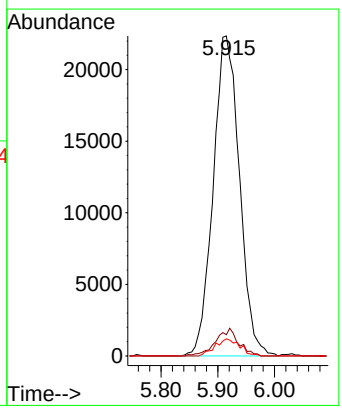


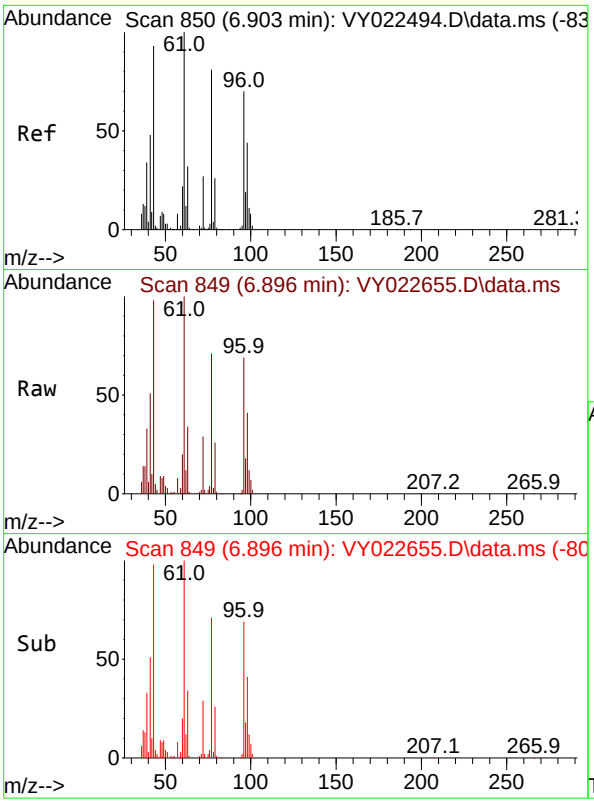


#24
1,1-Dichloroethane
Concen: 21.579 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 63 Resp: 71877

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.1
100	5.4	2.1	6.3





#25
2-Butanone
Concen: 118.122 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 5971

Ion	Ratio	Lower	Upper
43	100		
72	29.7	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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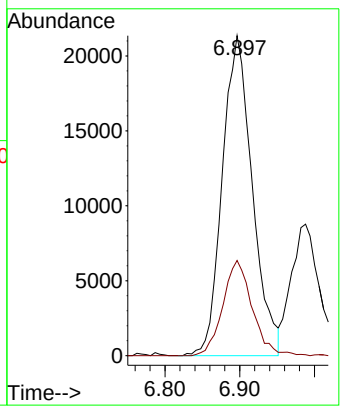
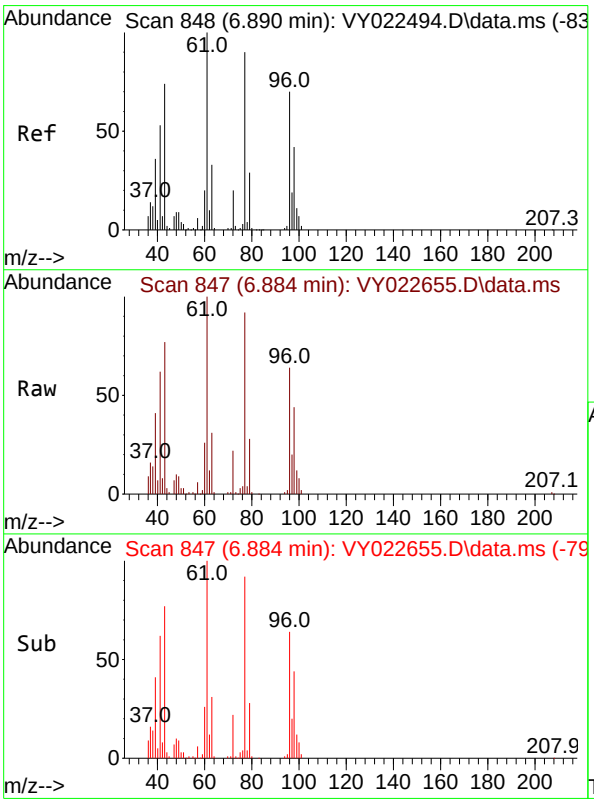
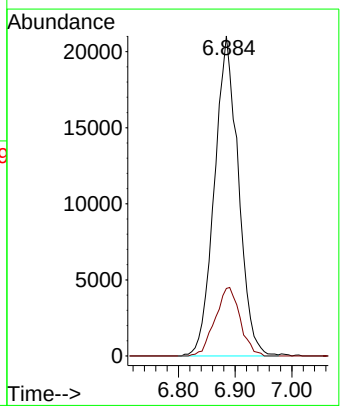


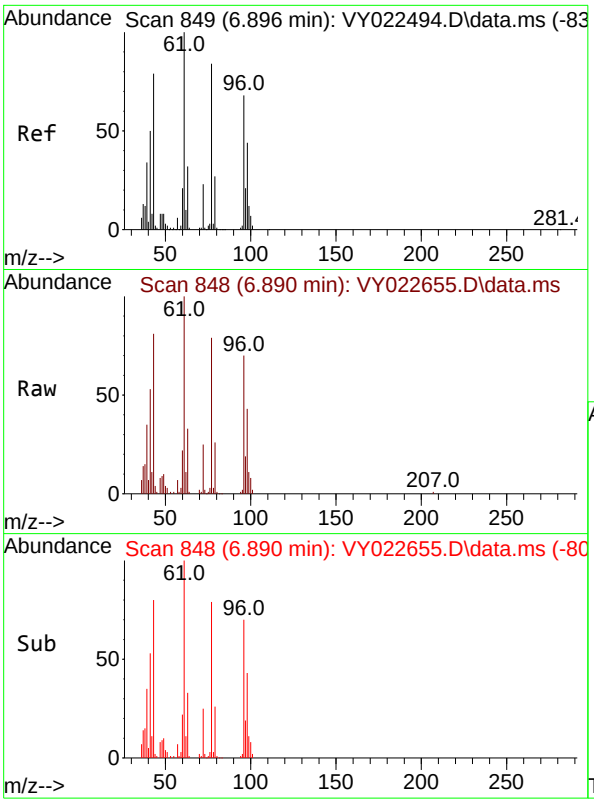


#26
2,2-Dichloropropane
Concen: 20.912 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 77 Resp: 61544

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.2

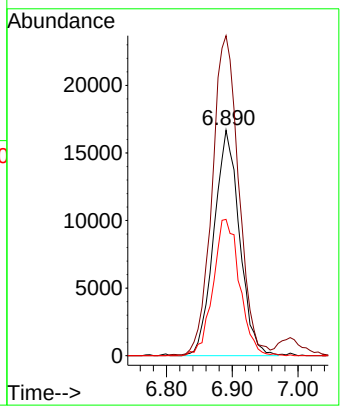




#27
cis-1,2-Dichloroethene
Concen: 21.567 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 96 Resp: 4514

Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	290.0
98	62.7	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
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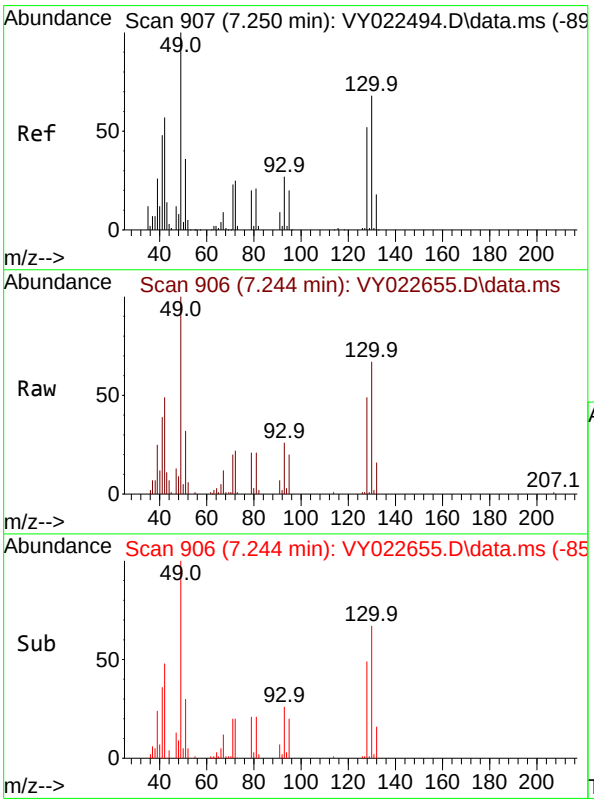
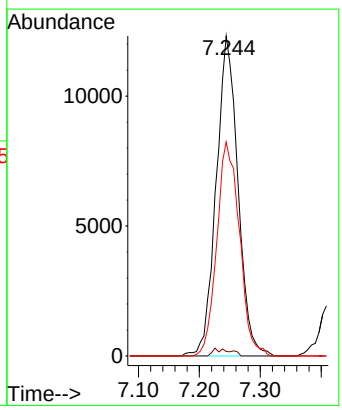
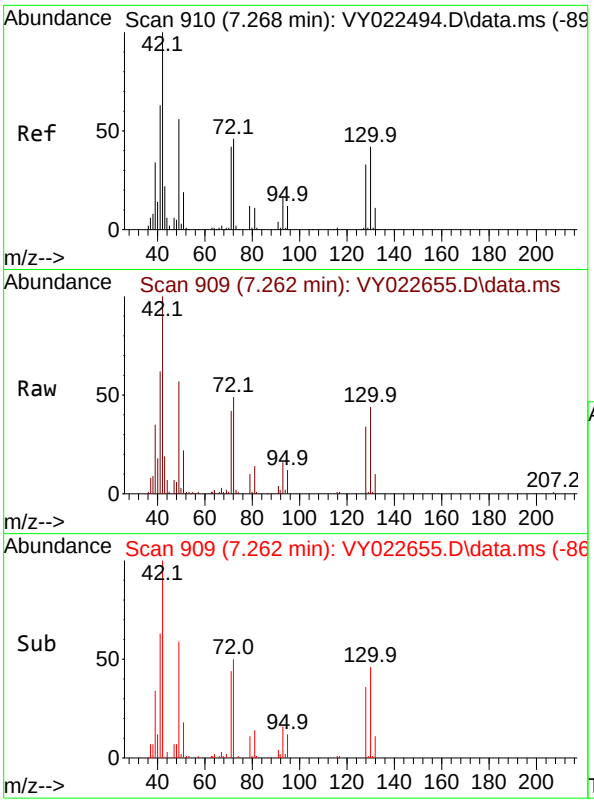


#28
Bromochloromethane
Concen: 21.045 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 49 Resp: 30556

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.6	55.7	83.5

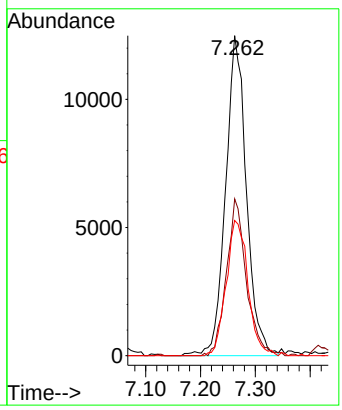




#29
Tetrahydrofuran
Concen: 100.986 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 42 Resp: 3292(

Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.4	56.2
71	44.2	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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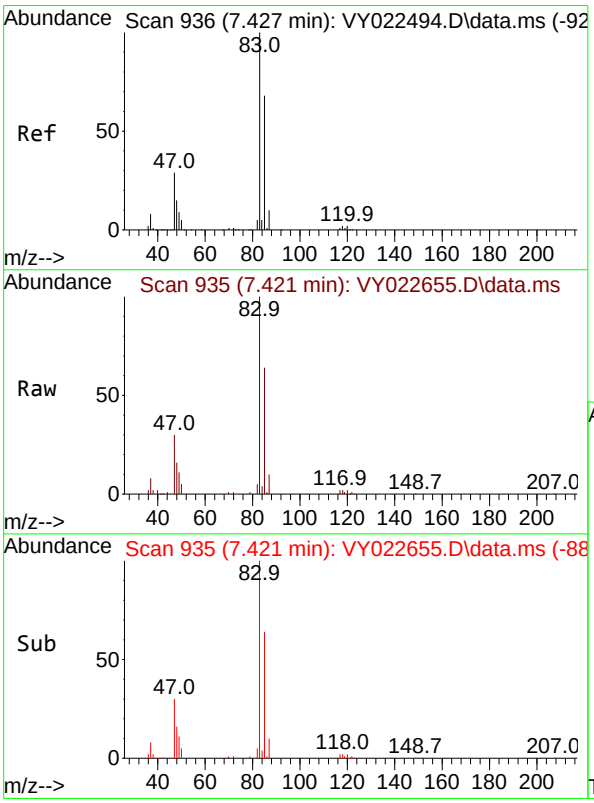
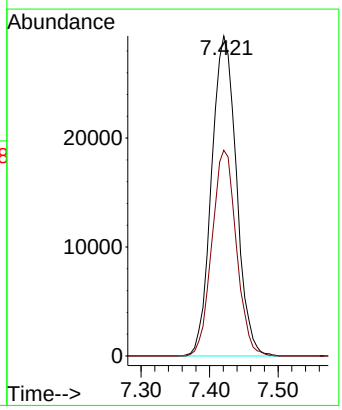
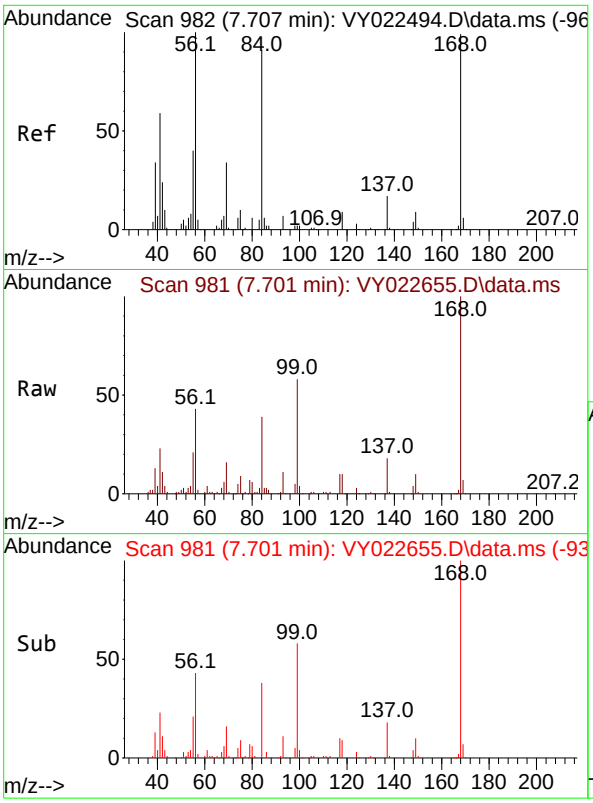


#30
Chloroform
Concen: 22.360 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 83 Resp: 73770

Ion	Ratio	Lower	Upper
83	100		
85	64.3	54.2	81.4





#31
Cyclohexane
Concen: 19.382 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 56 Resp: 6427

Ion	Ratio	Lower	Upper
56	100		
69	37.6	27.0	40.6
84	90.9	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
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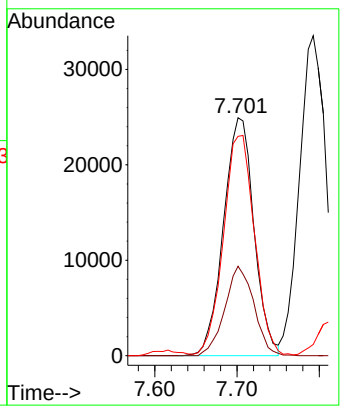
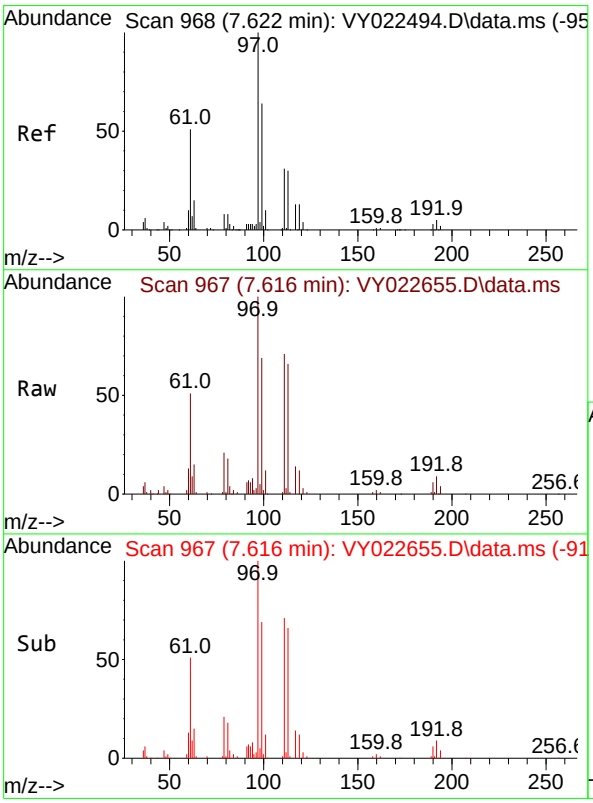
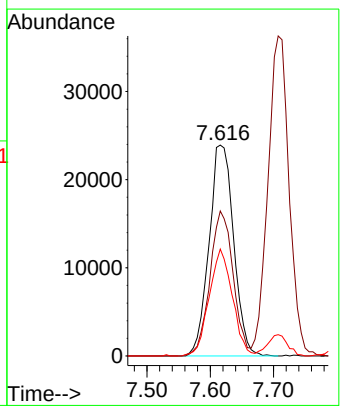


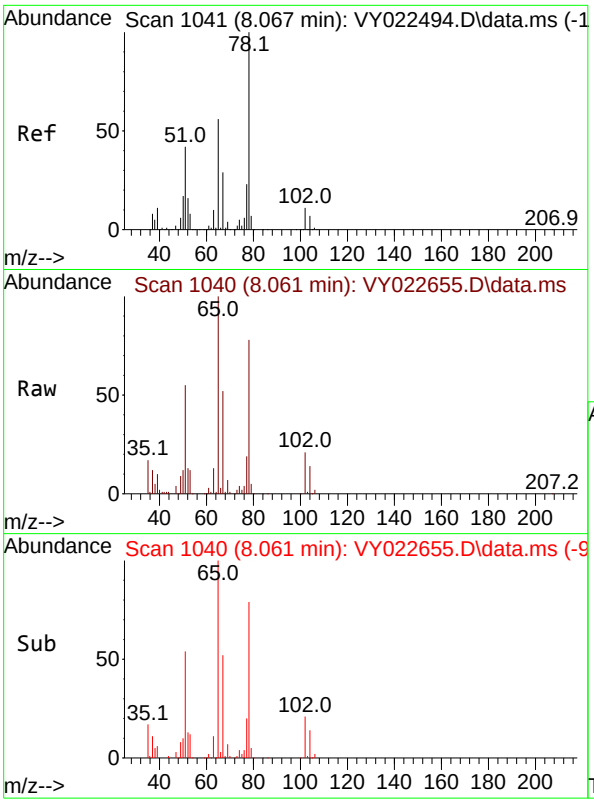


#32
1,1,1-Trichloroethane
Concen: 22.053 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 97 Resp: 64586

Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.9	76.3
61	47.9	38.5	57.7

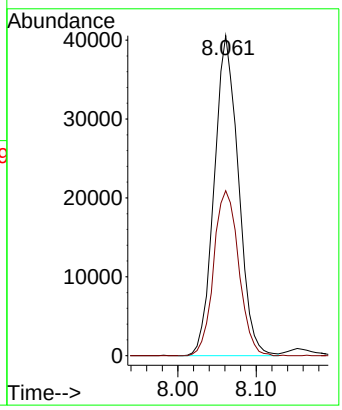




#33
1,2-Dichloroethane-d4
Concen: 50.486 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 65 Resp: 8712

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	103.4



Instrument :
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ClientSampleId :
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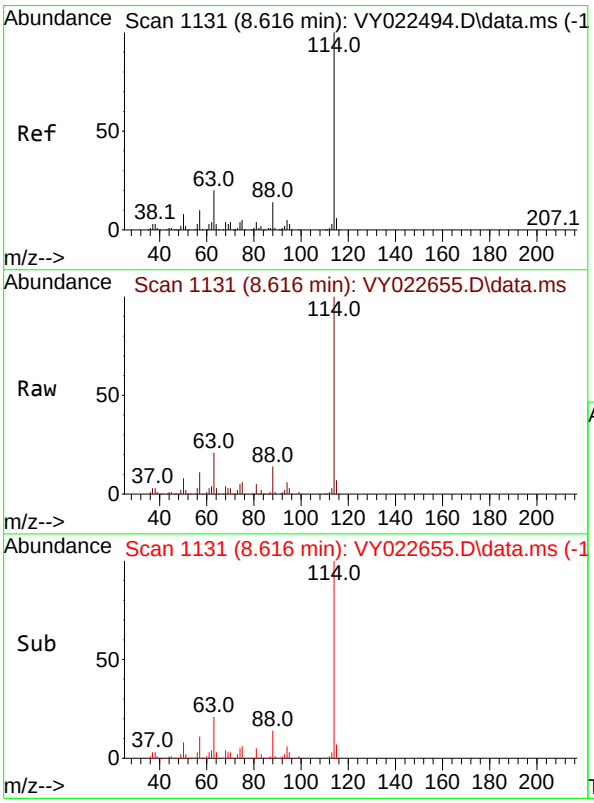
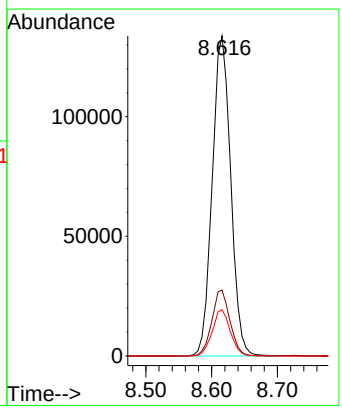
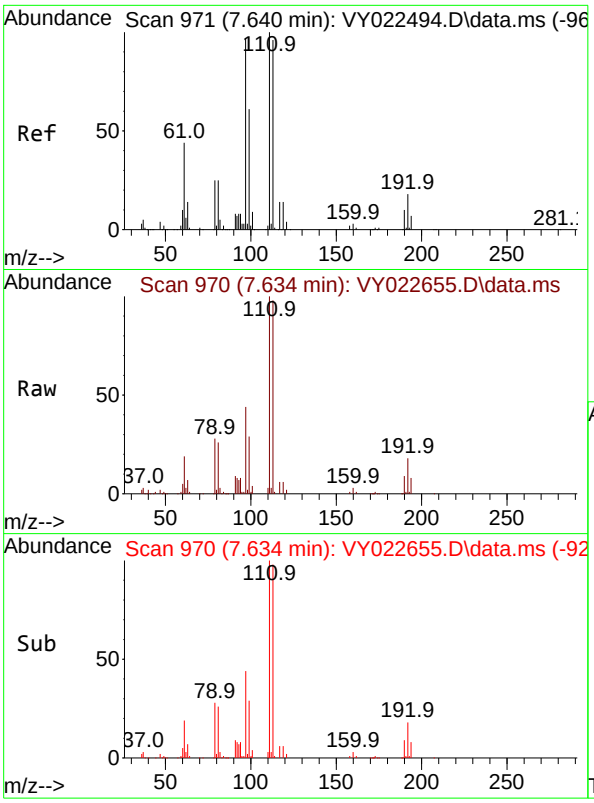


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:114 Resp: 261377

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	14.4	0.0	27.8

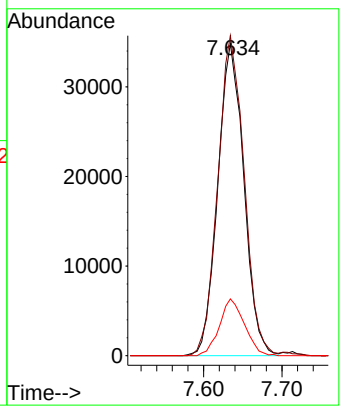




#35
Dibromofluoromethane
Concen: 51.570 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:113 Resp: 8045

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.1	121.7
192	17.5	14.2	21.2



Instrument :
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ClientSampleId :
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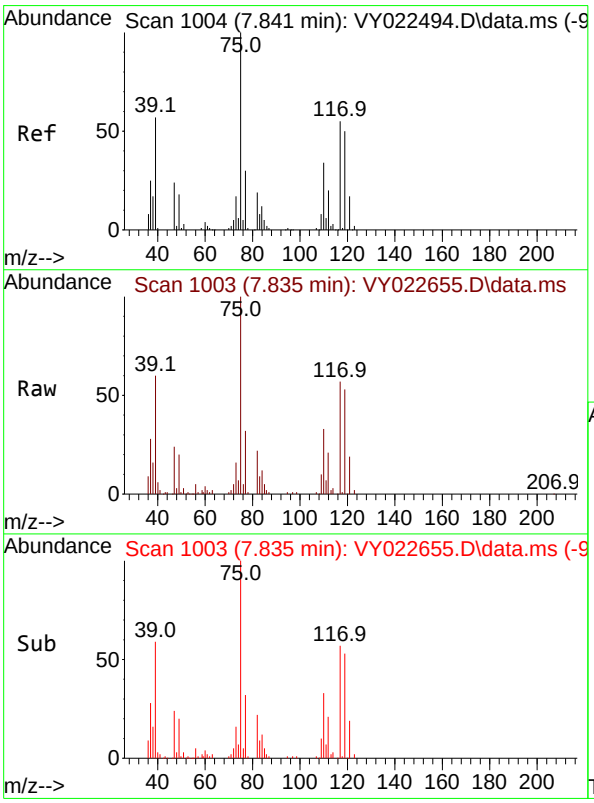
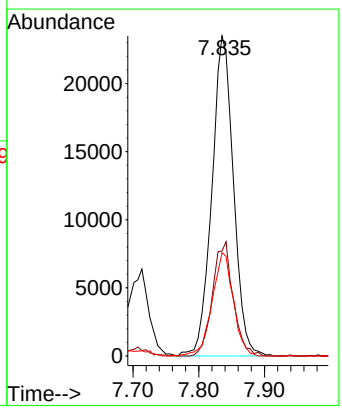
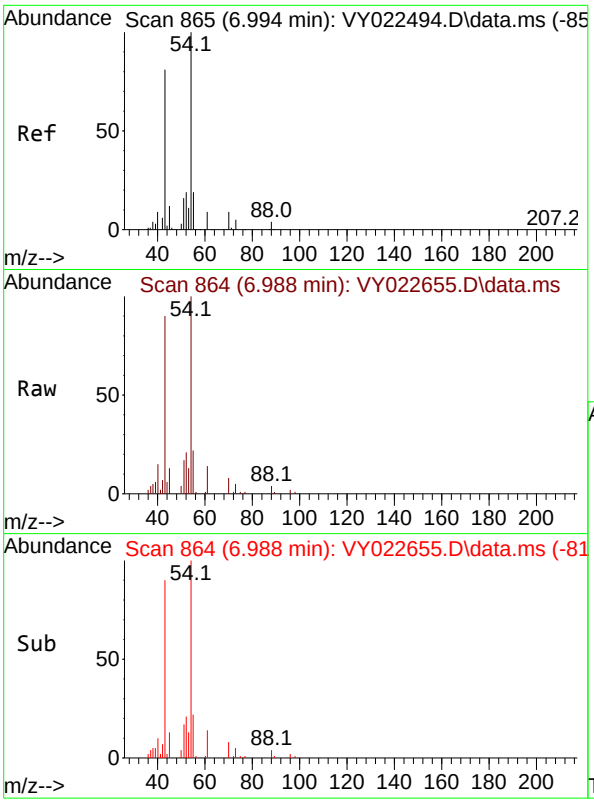


#36
1,1-Dichloropropene
Concen: 21.243 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 53788

Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.9	50.7
77	31.6	24.8	37.2





#37
Ethyl Acetate
Concen: 21.435 ug/l m
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 2420

Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	8.7	7.2	10.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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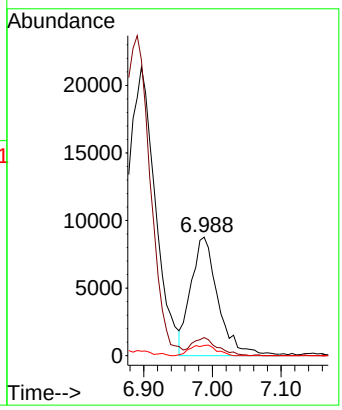
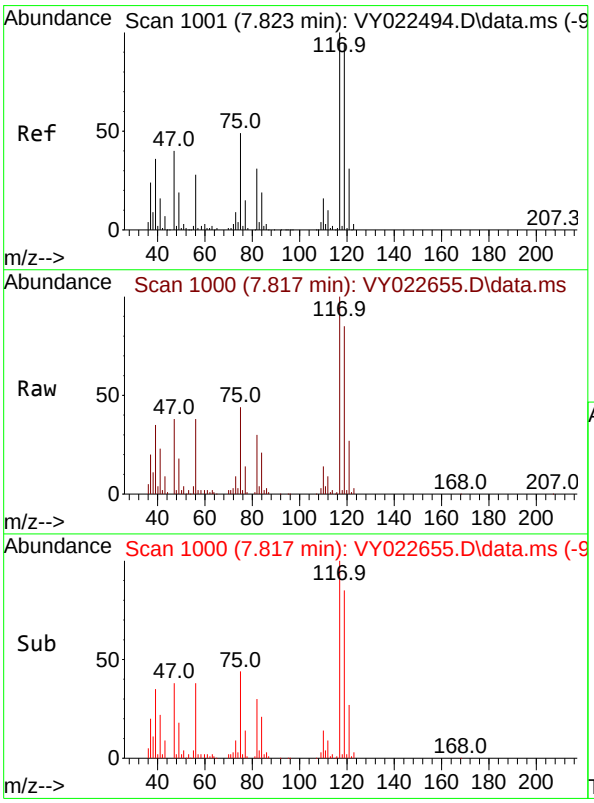
Supervised By :Semsettin Yesilyurt 06/12/2025

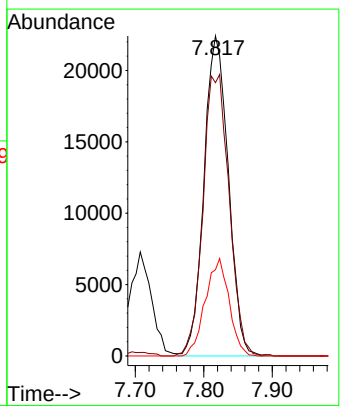


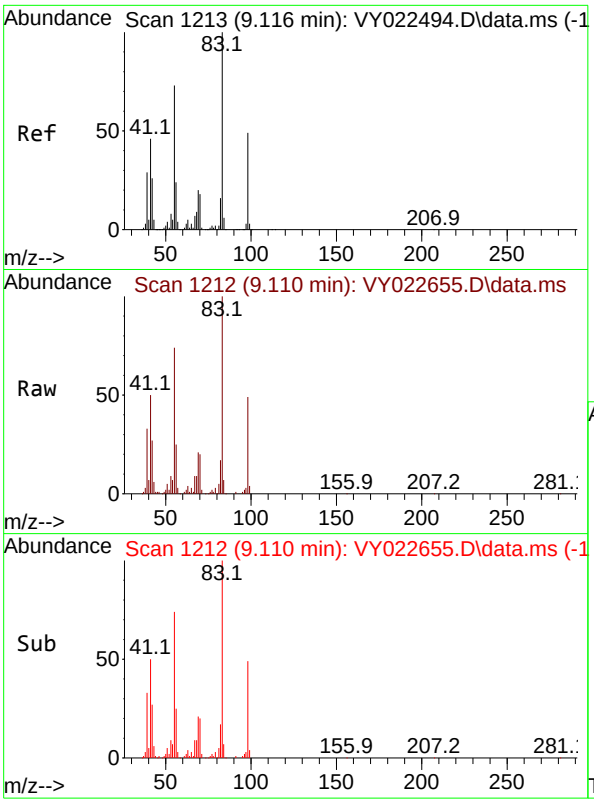


#38
Carbon Tetrachloride
Concen: 21.352 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:117 Resp: 55462

Ion	Ratio	Lower	Upper
117	100		
119	85.4	75.0	112.6
121	26.9	25.0	37.4





#39
Methylcyclohexane
Concen: 20.022 ug/l
RT: 9.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 83 Resp: 6812

Ion	Ratio	Lower	Upper
83	100		
55	74.0	58.1	87.1
98	48.5	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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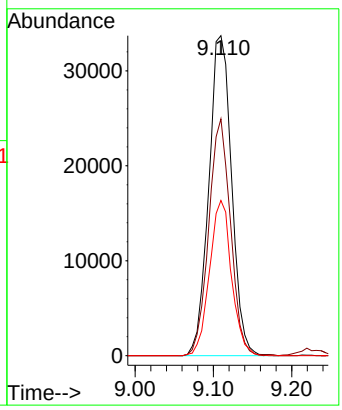
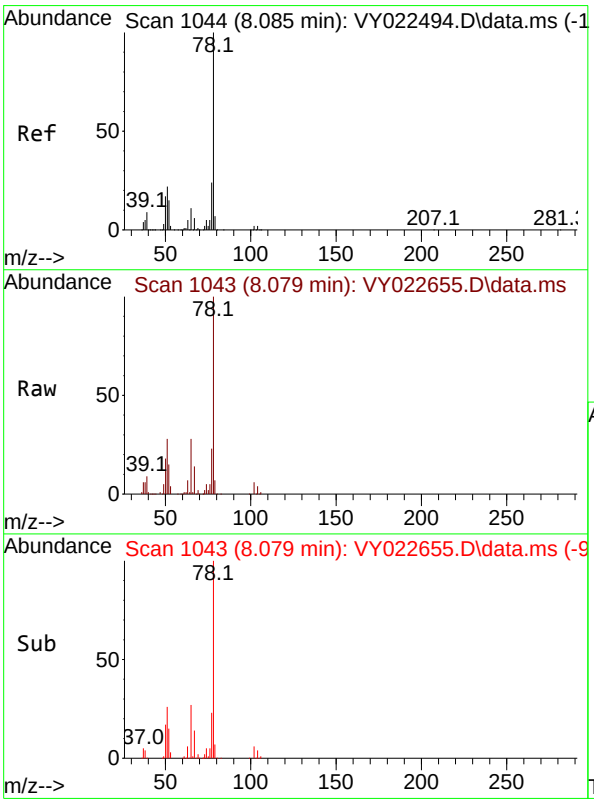
Supervised By :Semsettin Yesilyurt 06/12/2025

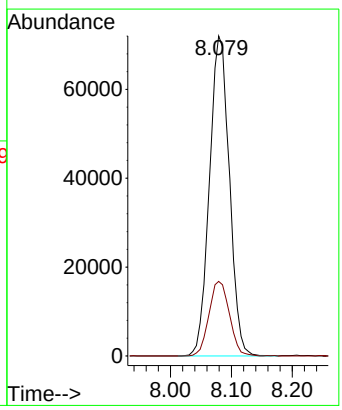


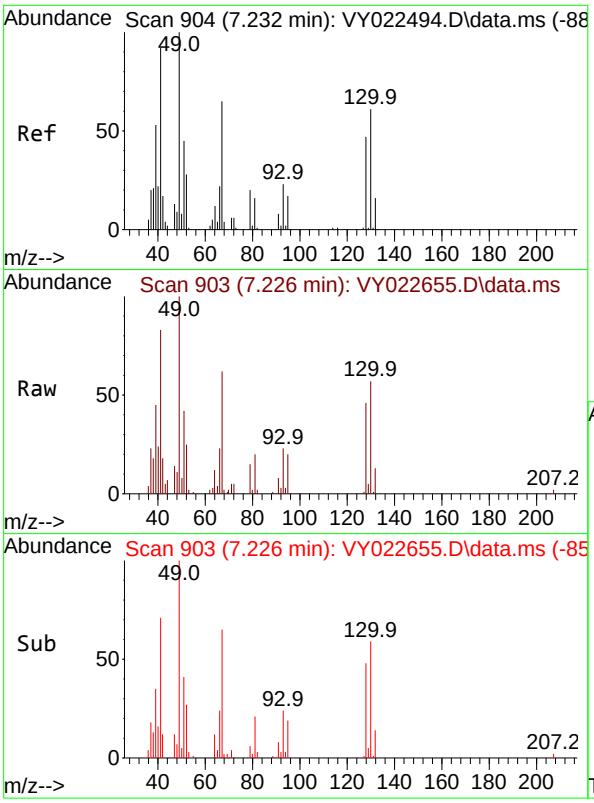


#40
Benzene
Concen: 21.851 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 78 Resp: 163413

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9

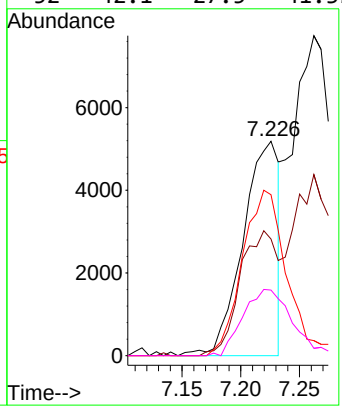




#41
Methacrylonitrile
Concen: 16.769 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 41 Resp: 1106

Ion	Ratio	Lower	Upper
41	100		
39	59.8	46.6	69.8
67	95.1	63.3	94.9#
52	42.1	27.5	41.3#



Instrument :
MSVOA_Y
ClientSampleId :
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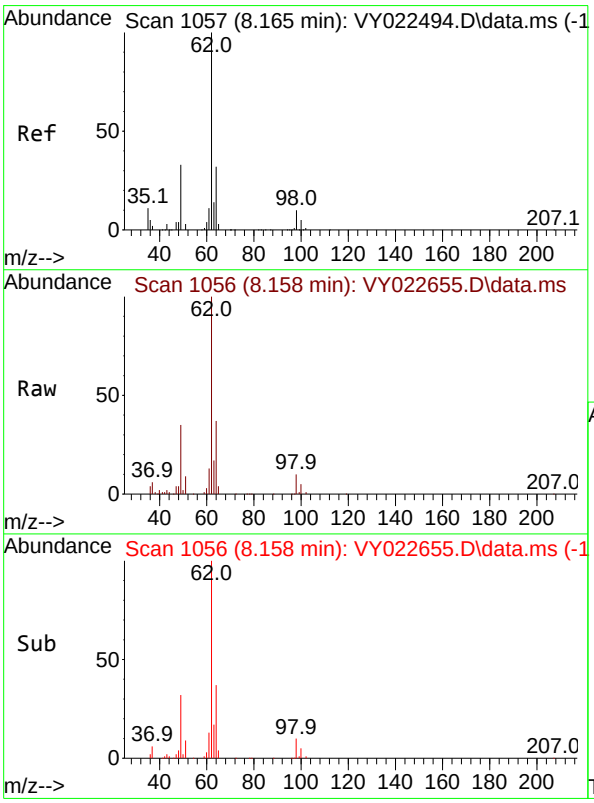
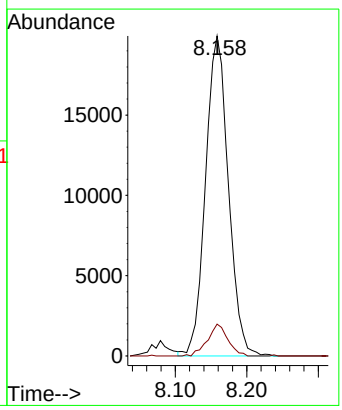
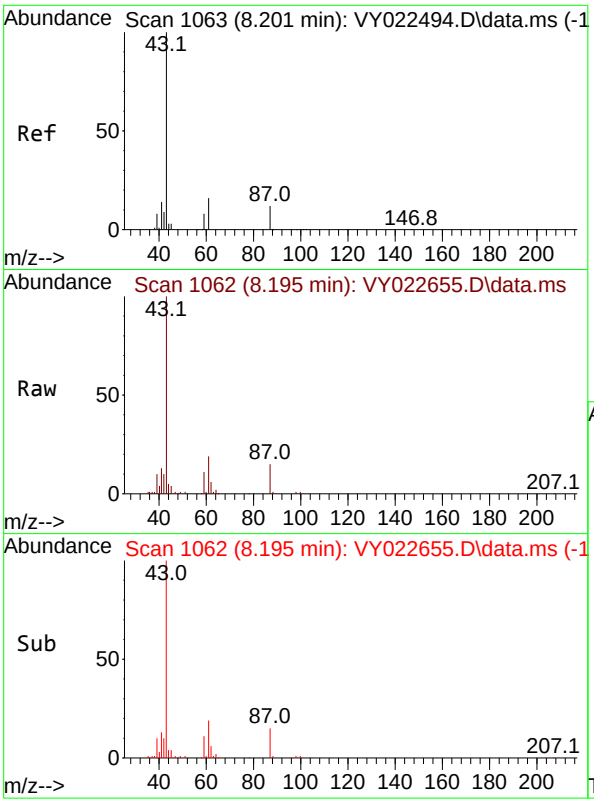


#42
1,2-Dichloroethane
Concen: 21.660 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 62 Resp: 44229

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2





#43
Isopropyl Acetate
Concen: 19.992 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 4875

Ion	Ratio	Lower	Upper
43	100		
61	16.7	15.6	23.4
87	13.2	10.2	15.4

Instrument :
MSVOA_Y
ClientSampleId :
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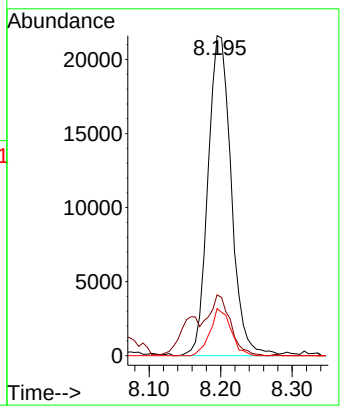
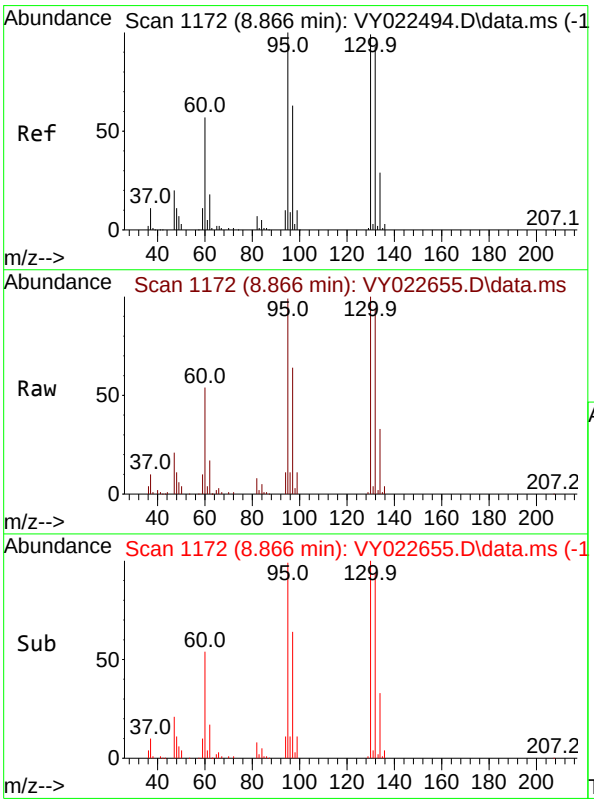
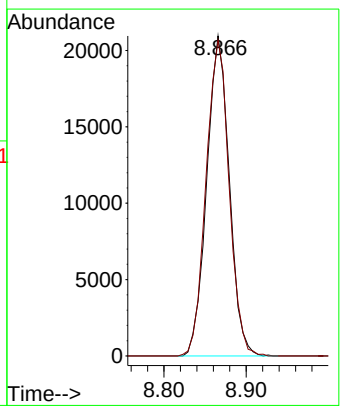


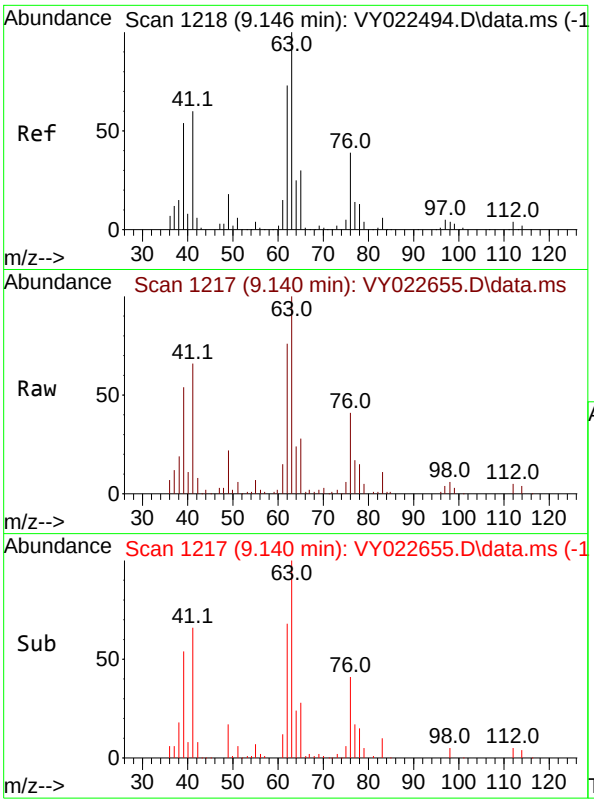


#44
Trichloroethene
Concen: 21.815 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:130 Resp: 39874

Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	203.0

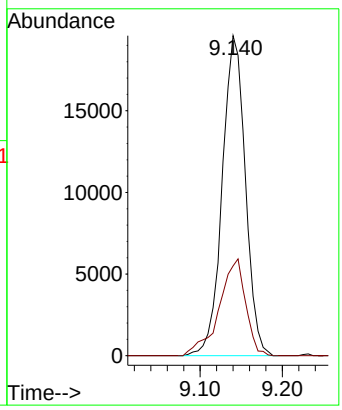




#45
1,2-Dichloropropane
Concen: 21.729 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 63 Resp: 3840

Ion	Ratio	Lower	Upper
63	100		
65	28.0	24.0	36.0



Instrument :
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ClientSampleId :
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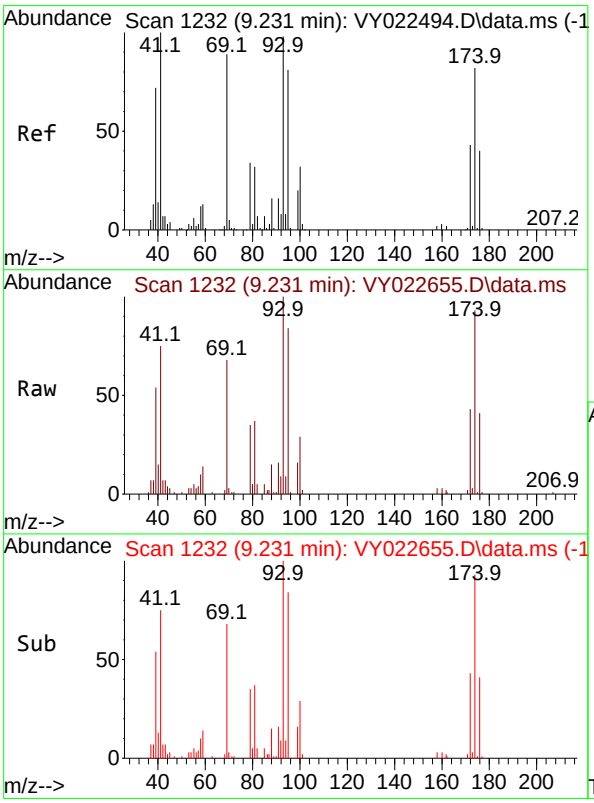
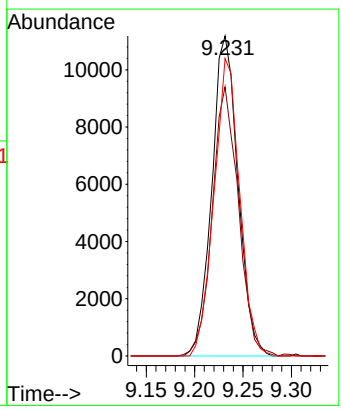
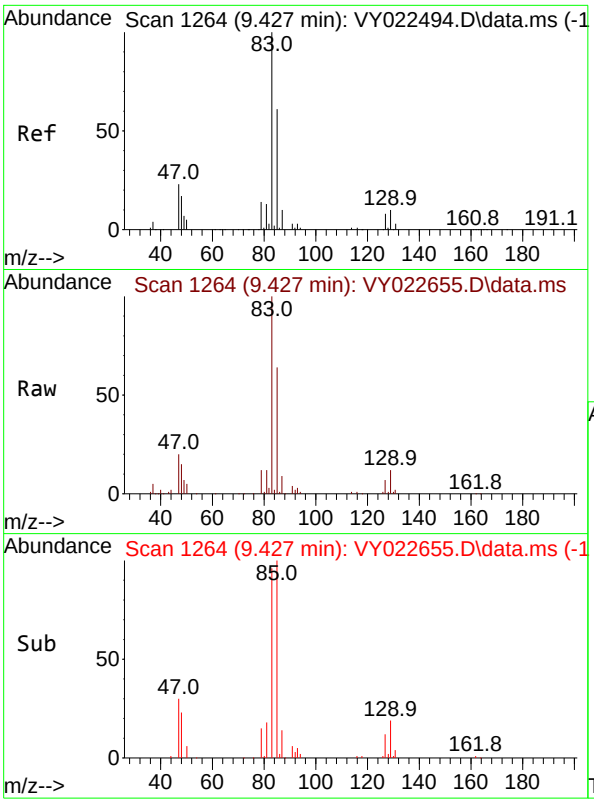


#46
Dibromomethane
Concen: 21.164 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 93 Resp: 21044

Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.6	98.4
174	91.3	70.4	105.6

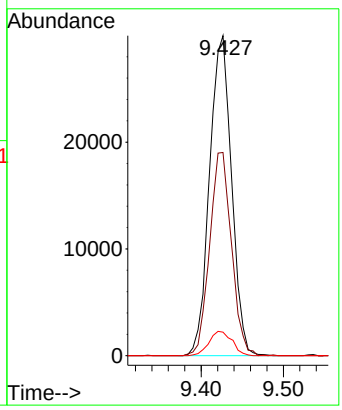




#47
Bromodichloromethane
Concen: 22.084 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 83 Resp: 5568

Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.1	73.7
127	7.3	6.2	9.4



Instrument :
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ClientSampleId :
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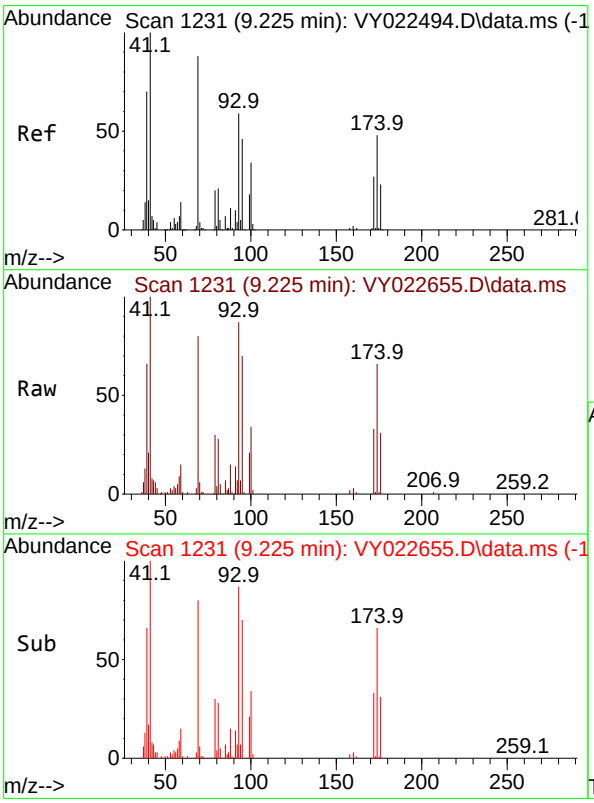
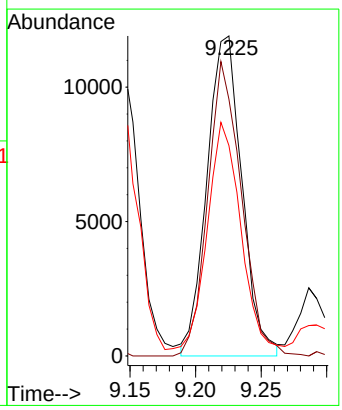
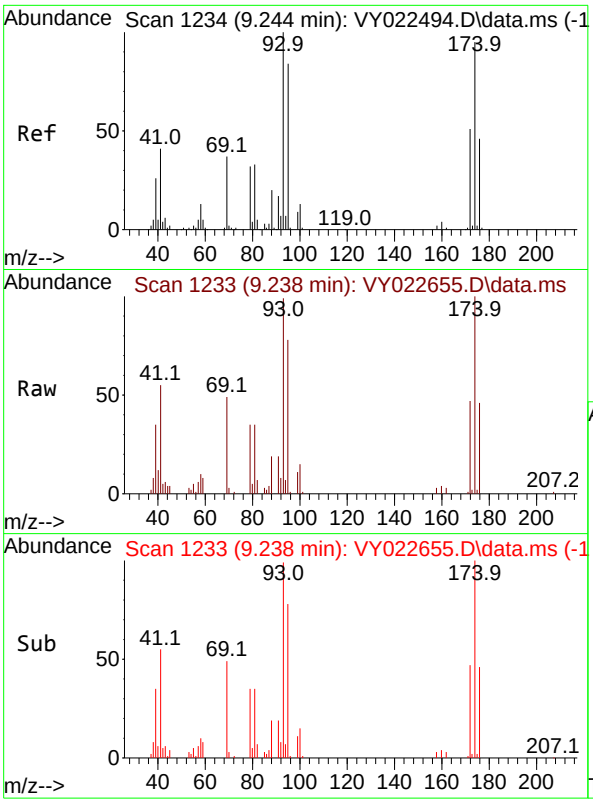


#48
Methyl methacrylate
Concen: 19.315 ug/l m
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 41 Resp: 22107

Ion	Ratio	Lower	Upper
41	100		
69	88.6	67.8	101.8
39	67.1	55.0	82.4

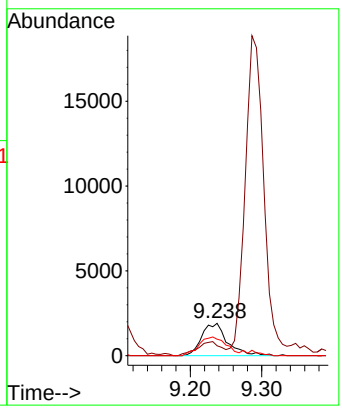




#49
1,4-Dioxane
Concen: 405.855 ug/l
RT: 9.238 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 88 Resp: 478

Ion	Ratio	Lower	Upper
88	100		
43	39.7	25.4	38.2
58	61.4	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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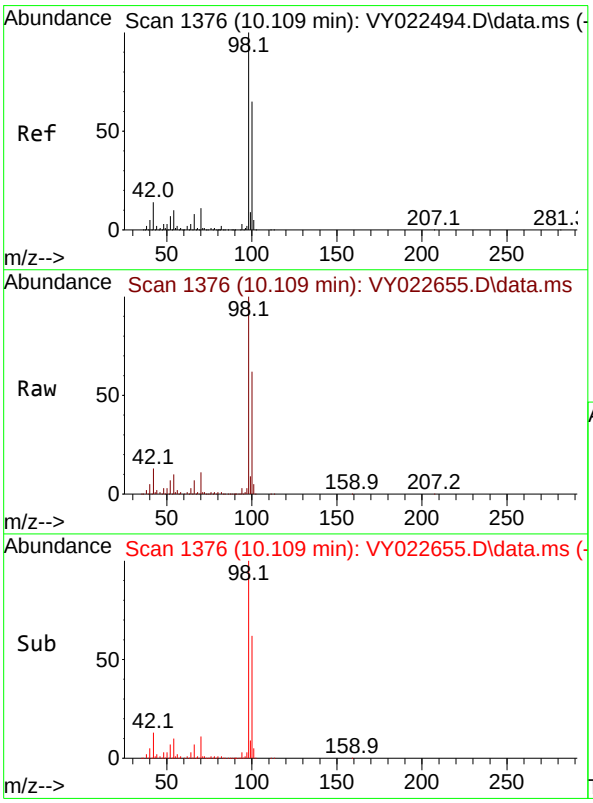
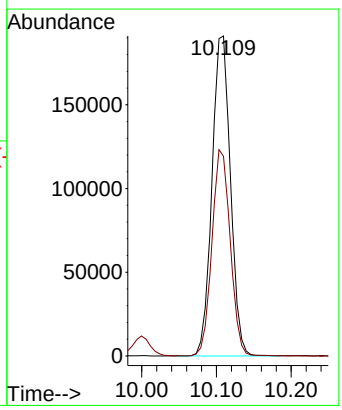
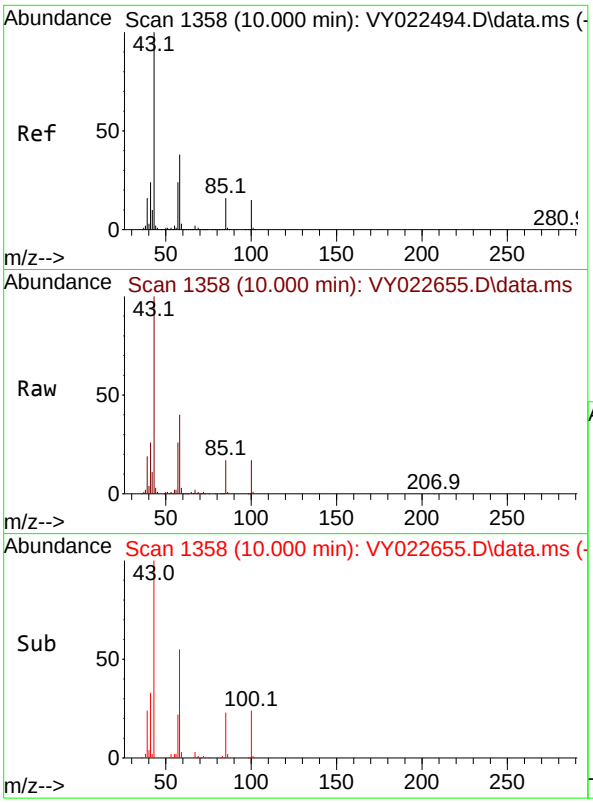


#50
Toluene-d8
Concen: 52.037 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 98 Resp: 328033

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0

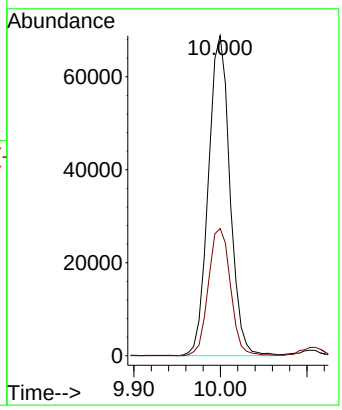




#51
4-Methyl-2-Pentanone
Concen: 98.107 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 11928

Ion	Ratio	Lower	Upper
43	100		
58	40.7	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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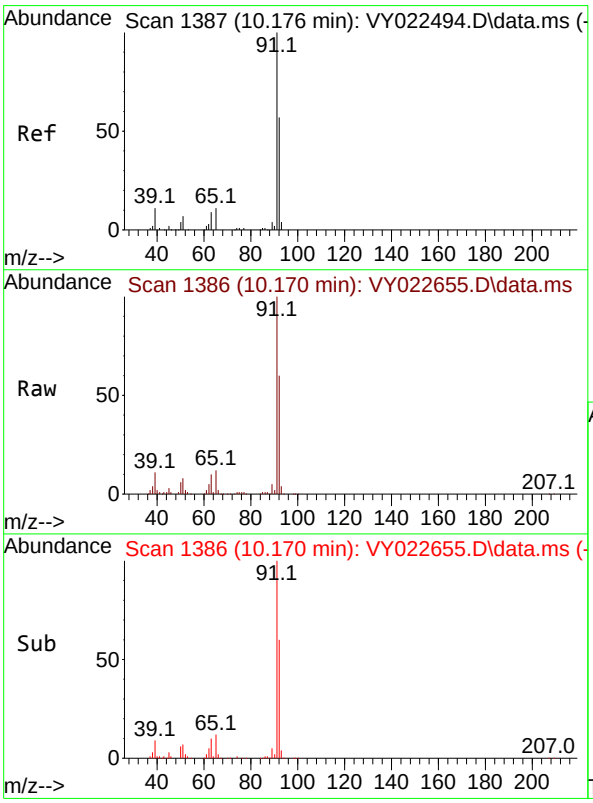
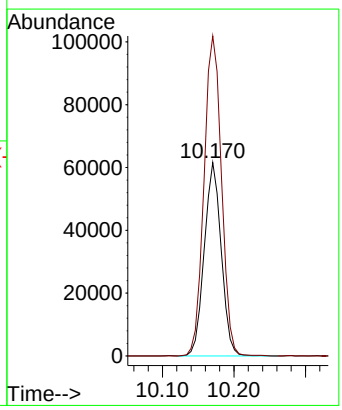
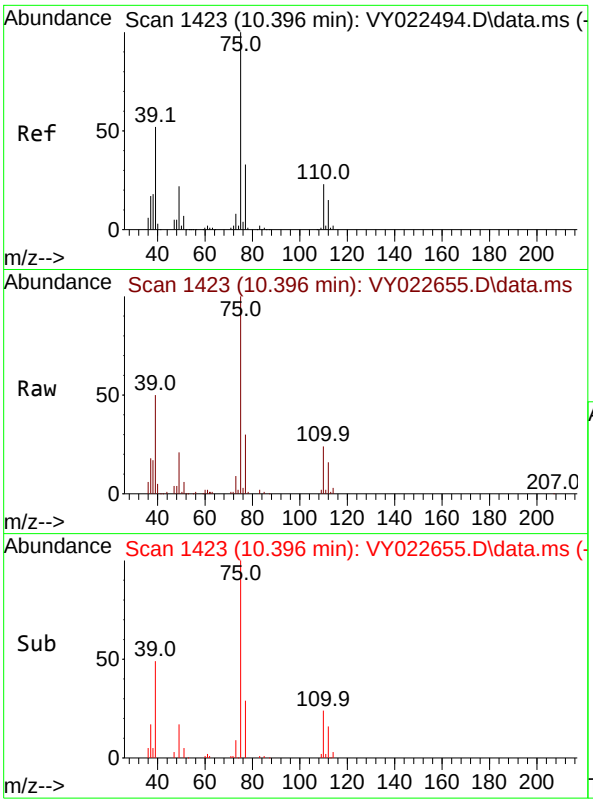


#52
Toluene
Concen: 21.544 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 92 Resp: 101252

Ion	Ratio	Lower	Upper
92	100		
91	171.1	139.0	208.4

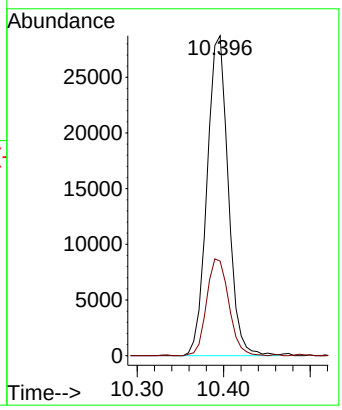




#53
t-1,3-Dichloropropene
Concen: 20.629 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 4873

Ion	Ratio	Lower	Upper
75	100		
77	29.5	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
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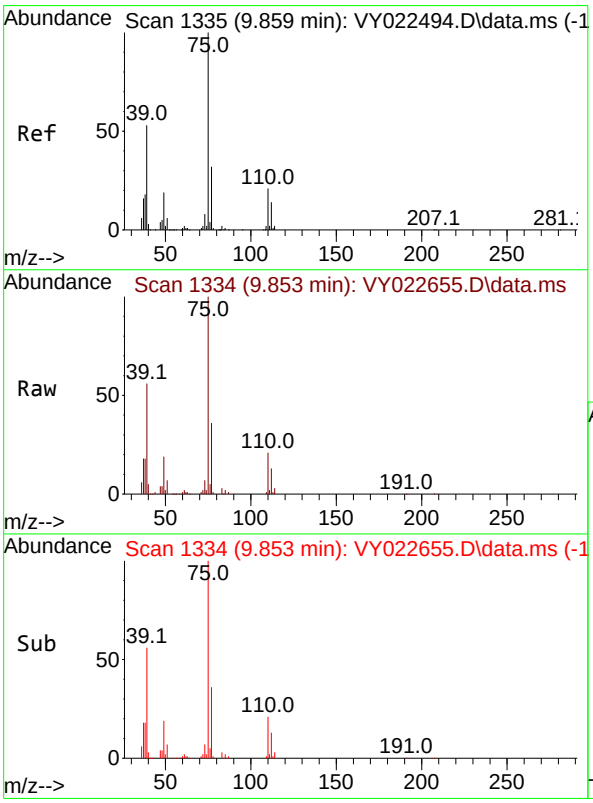
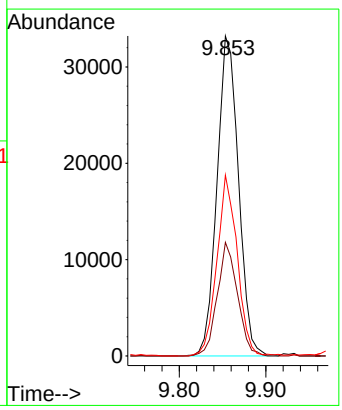
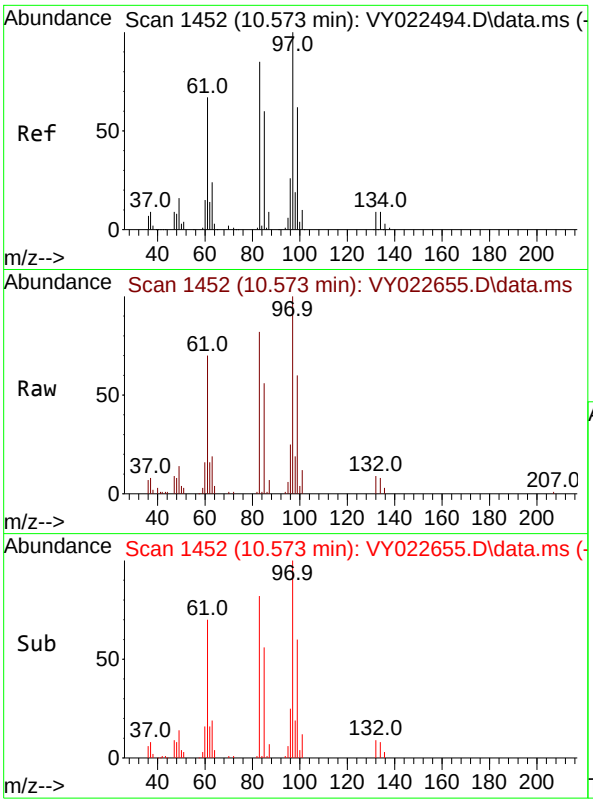


#54
cis-1,3-Dichloropropene
Concen: 20.820 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 57255

Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.3	37.9
39	56.5	42.7	64.1

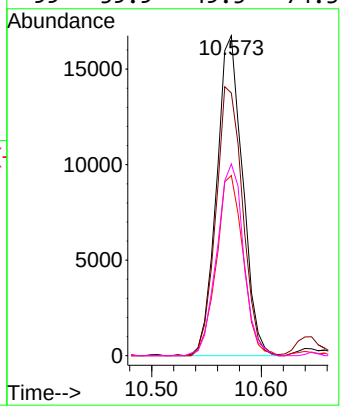




#55
1,1,2-Trichloroethane
Concen: 21.784 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 97 Resp: 2762

Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.1	102.1
85	56.3	48.2	72.2
99	59.9	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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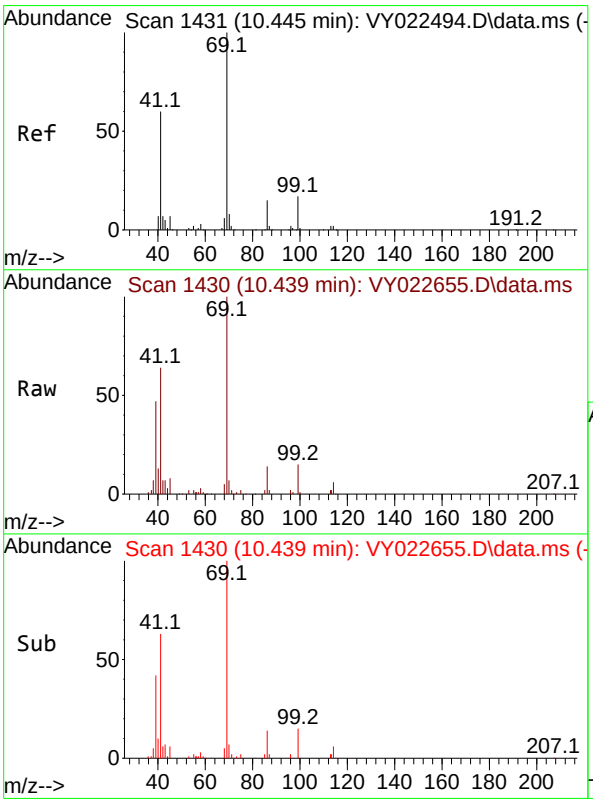
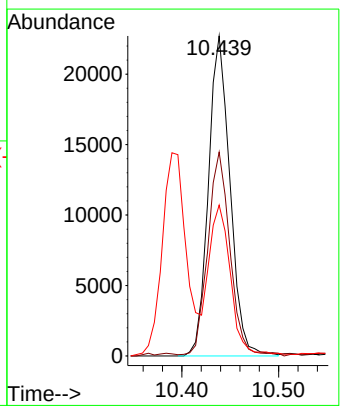
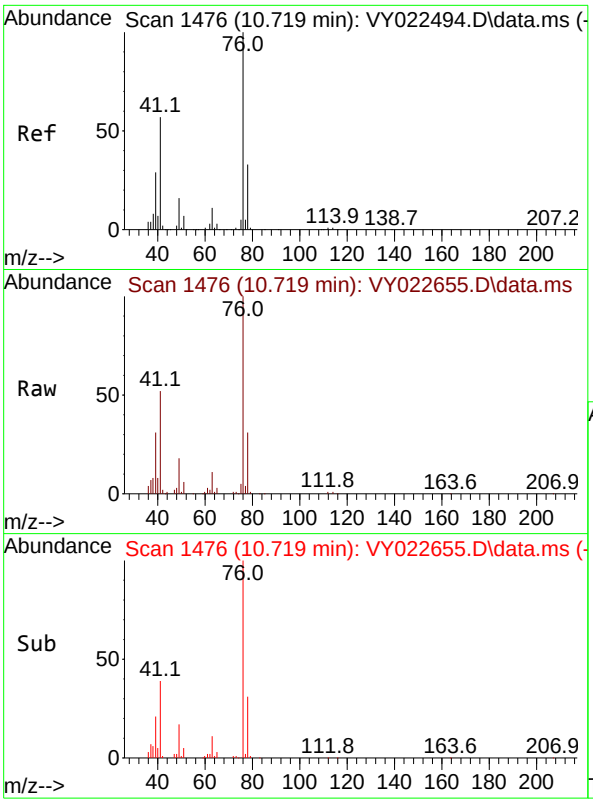


#56
Ethyl methacrylate
Concen: 19.225 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 69 Resp: 35231

Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	47.2	36.7	55.1

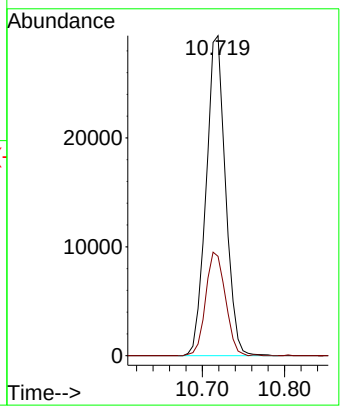




#57
1,3-Dichloropropane
Concen: 21.396 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 76 Resp: 4808

Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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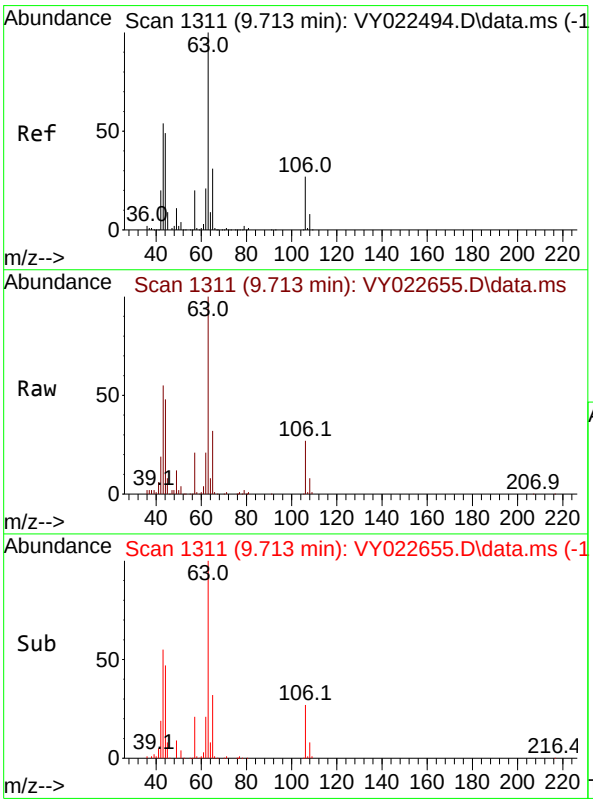
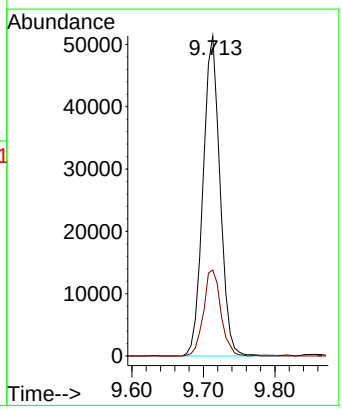
Supervised By :Semsettin Yesilyurt 06/12/2025

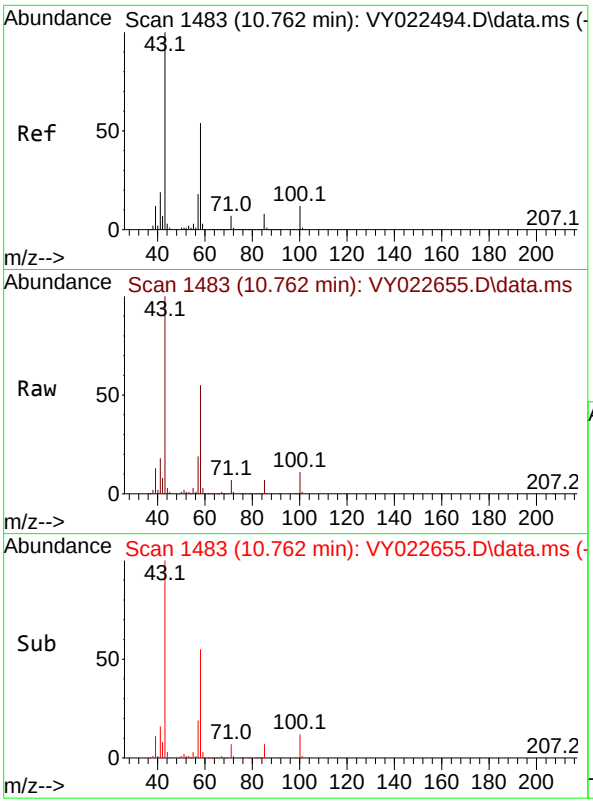


#58
2-Chloroethyl Vinyl ether
Concen: 101.741 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 63 Resp: 84651

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.6	32.4





#59
2-Hexanone
Concen: 108.852 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 8851

Ion	Ratio	Lower	Upper
43	100		
58	54.0	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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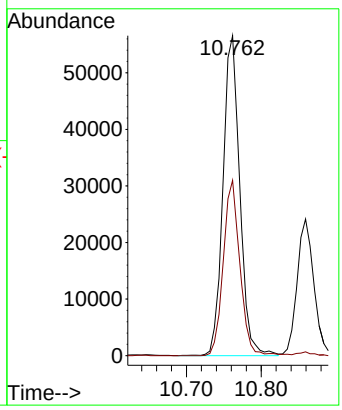
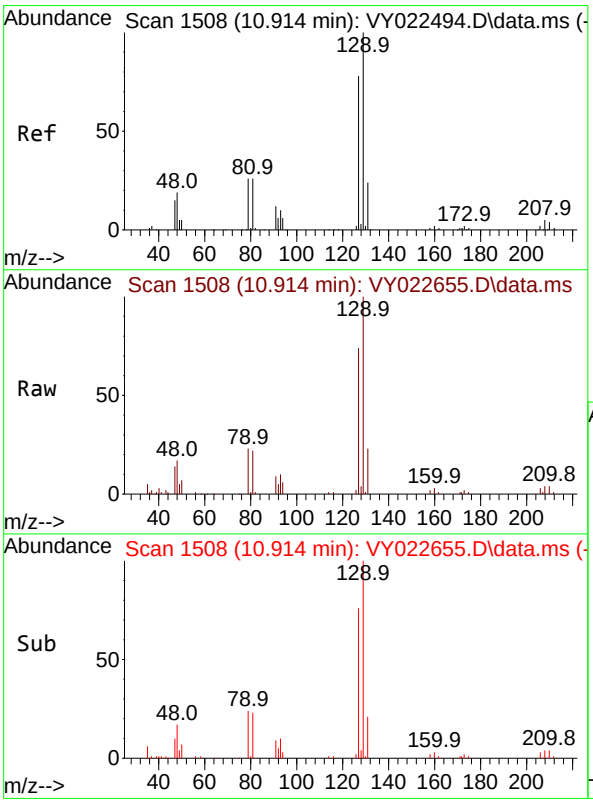
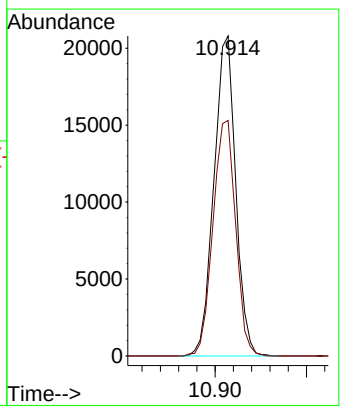


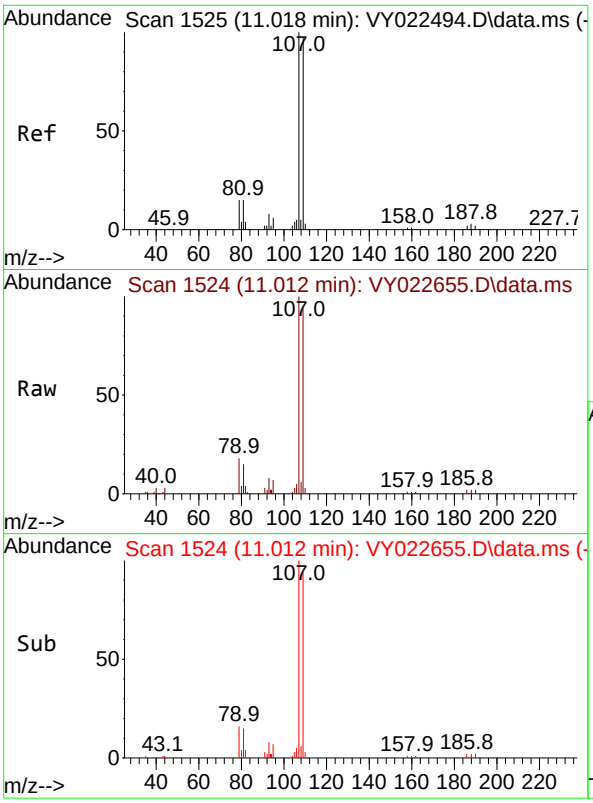


#60
Dibromochloromethane
Concen: 21.352 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:129 Resp: 34405

Ion	Ratio	Lower	Upper
129	100		
127	76.7	39.1	117.2

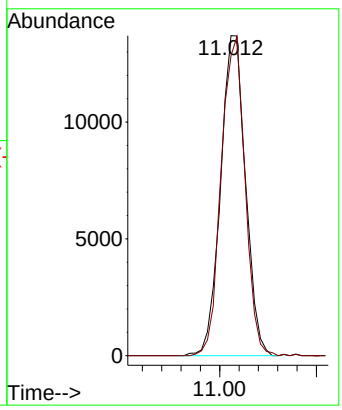




#61
1,2-Dibromoethane
Concen: 21.142 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:107 Resp: 2443

Ion	Ratio	Lower	Upper
107	100		
109	95.5	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
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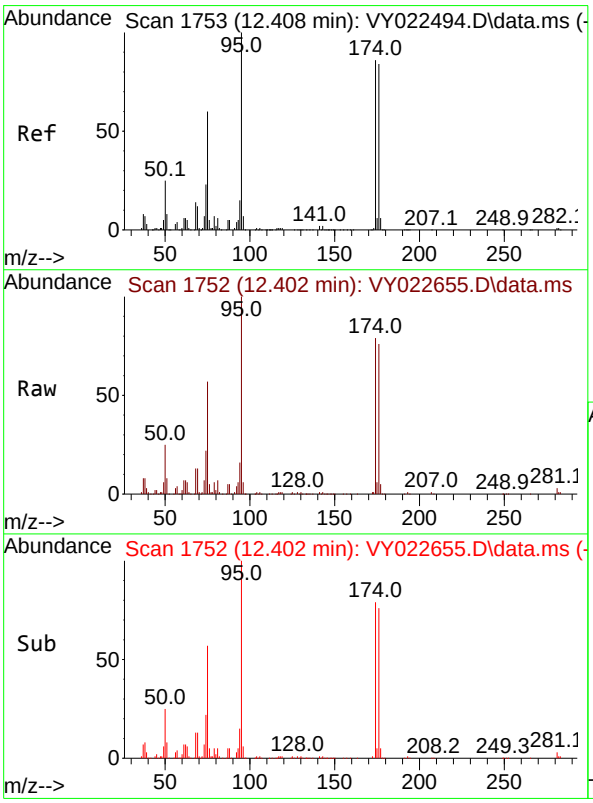
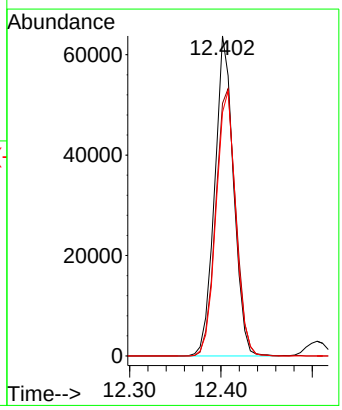
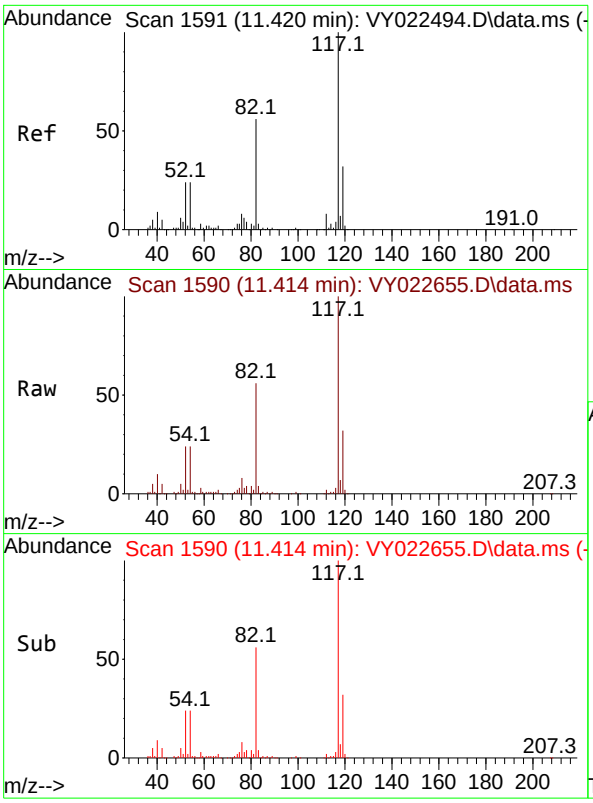


#62
4-Bromofluorobenzene
Concen: 48.779 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 95 Resp: 91618

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	170.0
176	86.0	0.0	166.2

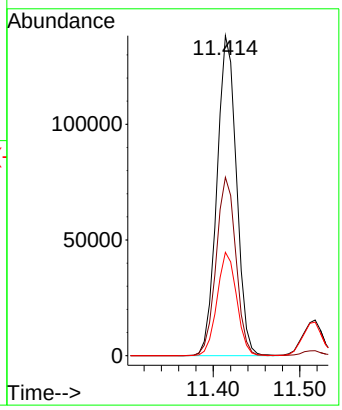




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:117 Resp: 21637

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	32.3	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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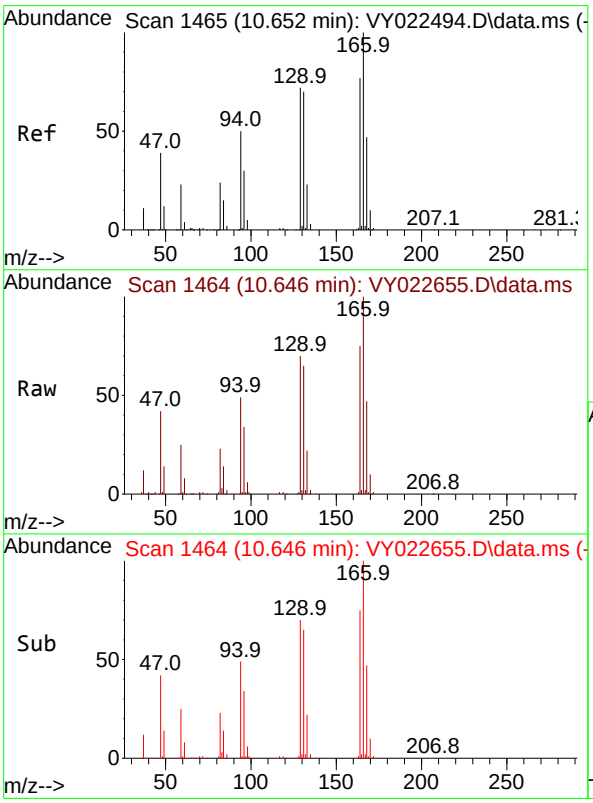
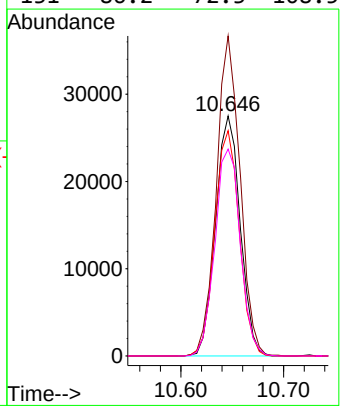
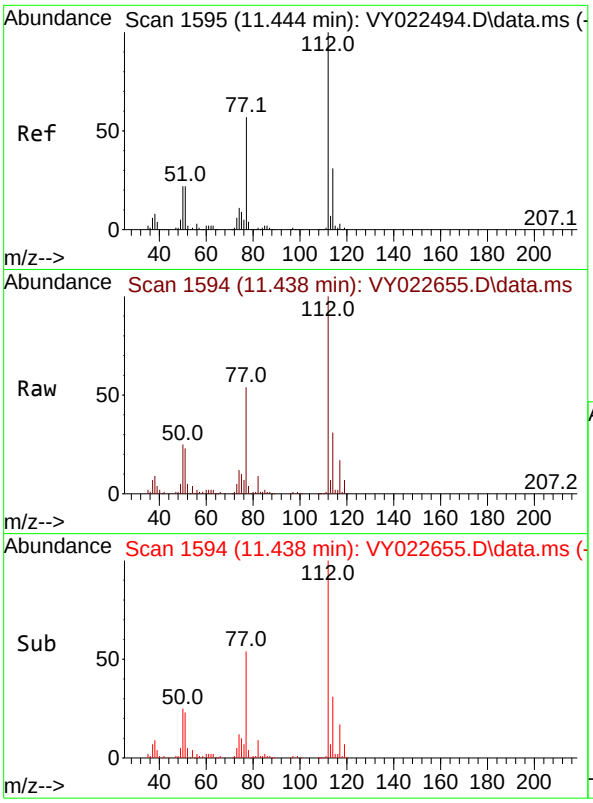


#64
Tetrachloroethene
Concen: 24.611 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:164 Resp: 45809

Ion	Ratio	Lower	Upper
164	100		
166	133.4	104.0	156.0
129	93.9	74.5	111.7
131	86.2	72.3	108.5

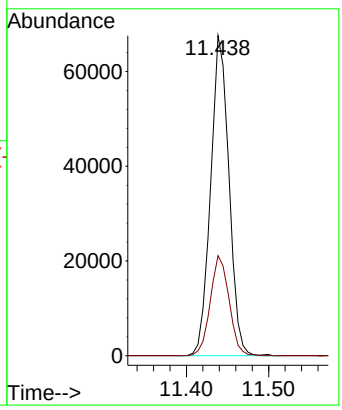




#65
Chlorobenzene
Concen: 21.864 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:112 Resp: 10468

Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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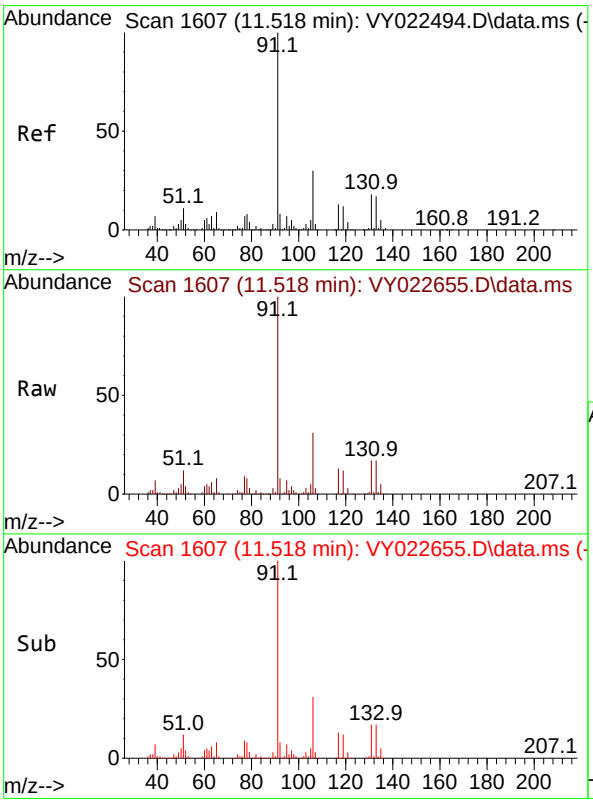
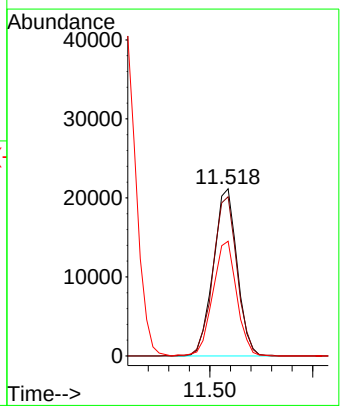
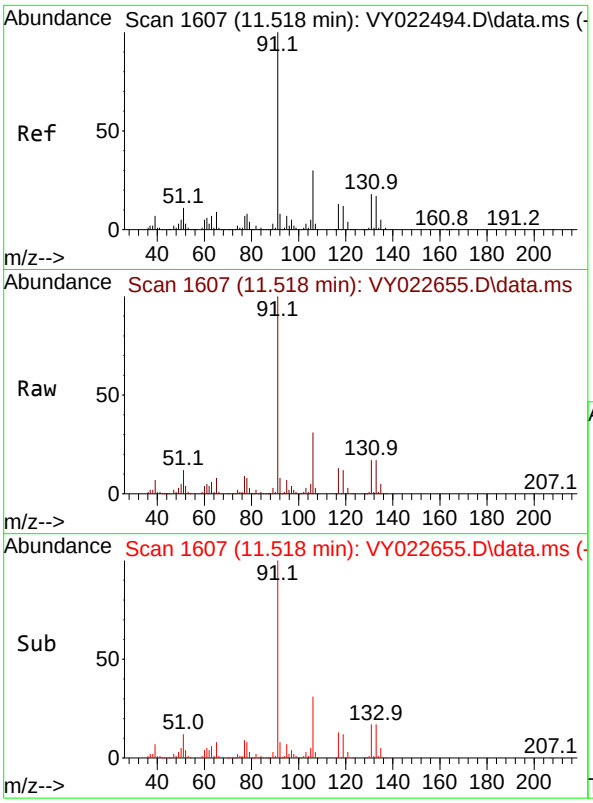


#66
1,1,1,2-Tetrachloroethane
Concen: 21.071 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:131 Resp: 33988

Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	141.8
119	68.8	33.1	99.3

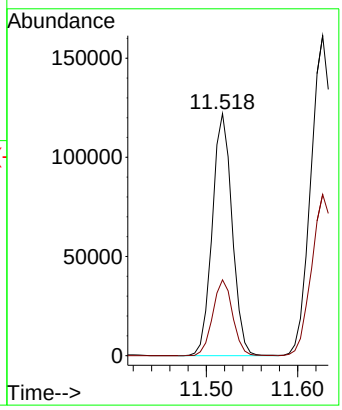




#67
Ethyl Benzene
Concen: 20.745 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 91 Resp: 18423

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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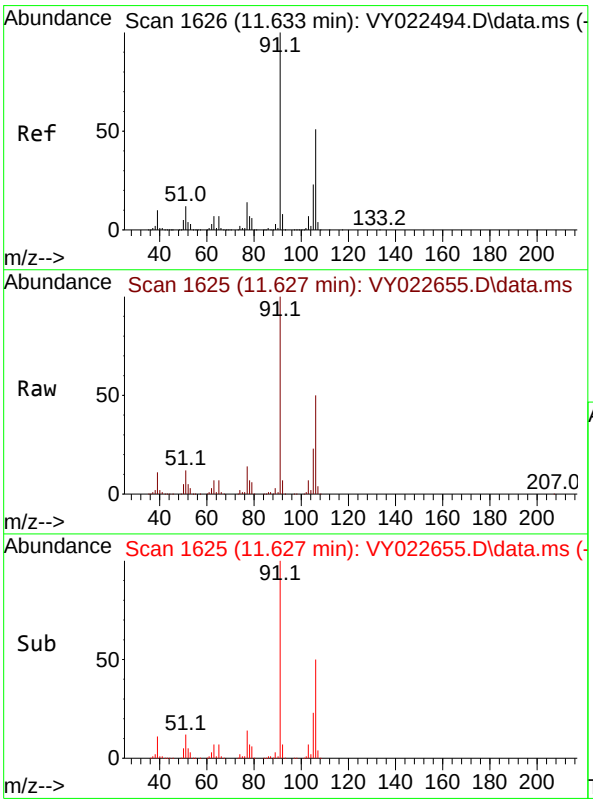
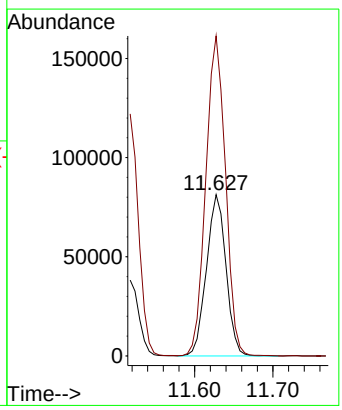
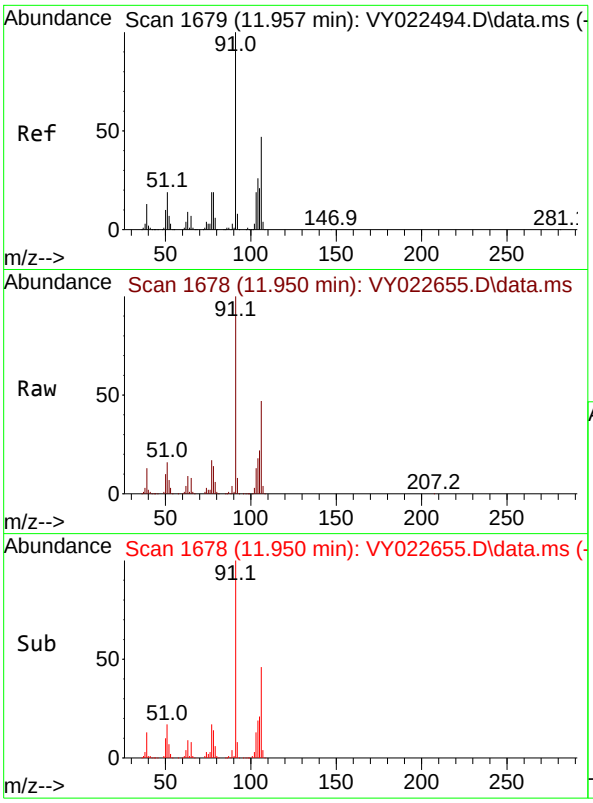


#68
m/p-Xylenes
Concen: 41.839 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:106 Resp: 140858

Ion	Ratio	Lower	Upper
106	100		
91	199.7	159.4	239.0





#69
o-Xylene
Concen: 20.690 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:106 Resp: 6530

Ion	Ratio	Lower	Upper
106	100		
91	210.9	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
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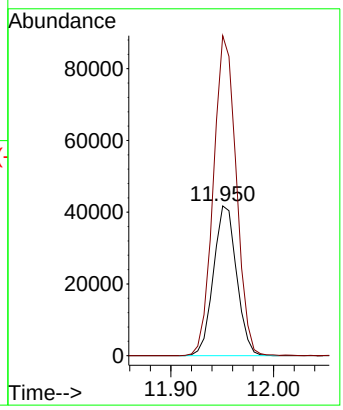
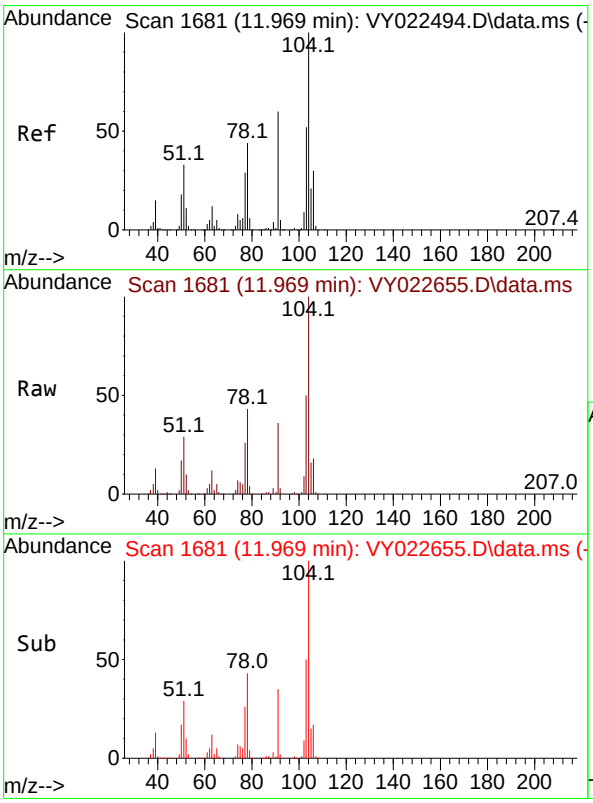
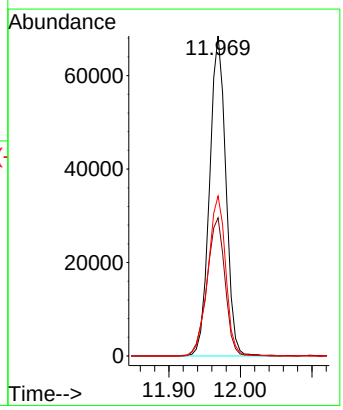


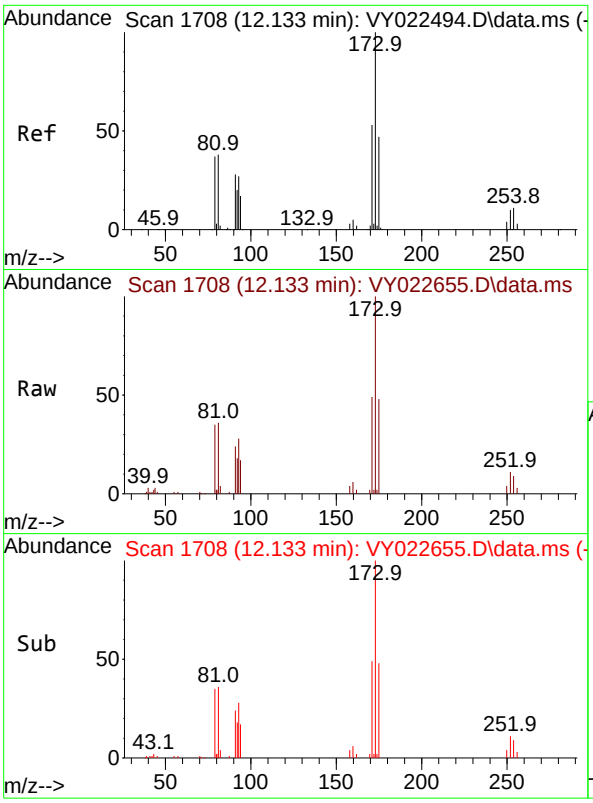


#70
Styrene
Concen: 20.781 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:104 Resp: 108428

Ion	Ratio	Lower	Upper
104	100		
78	47.9	39.5	59.3
103	54.2	44.1	66.1

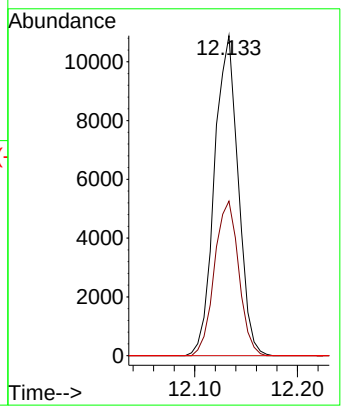




#71
Bromoform
Concen: 20.322 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:173 Resp: 1744

Ion	Ratio	Lower	Upper
173	100		
175	49.4	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
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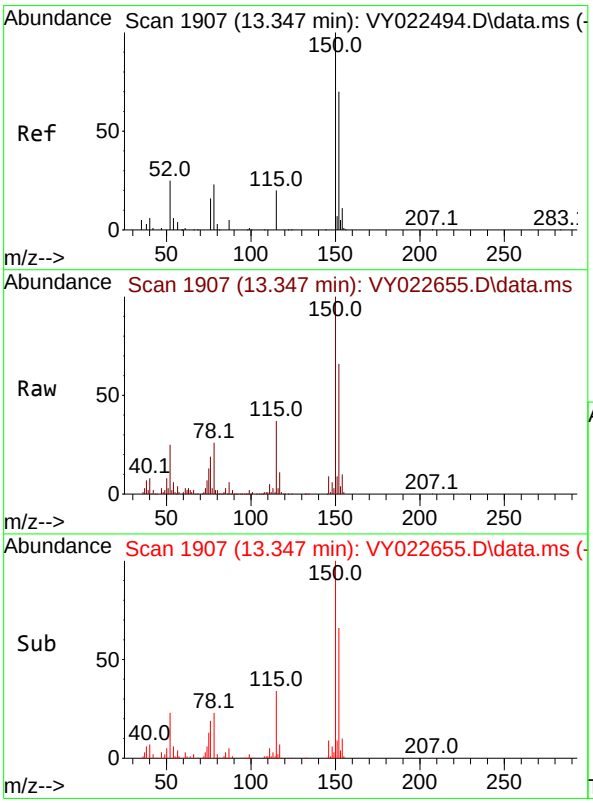
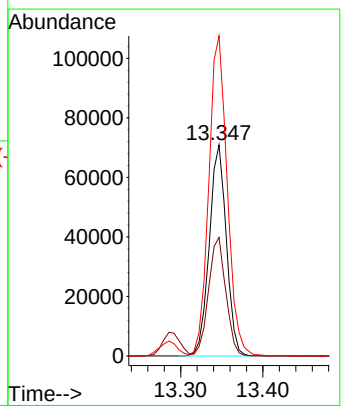
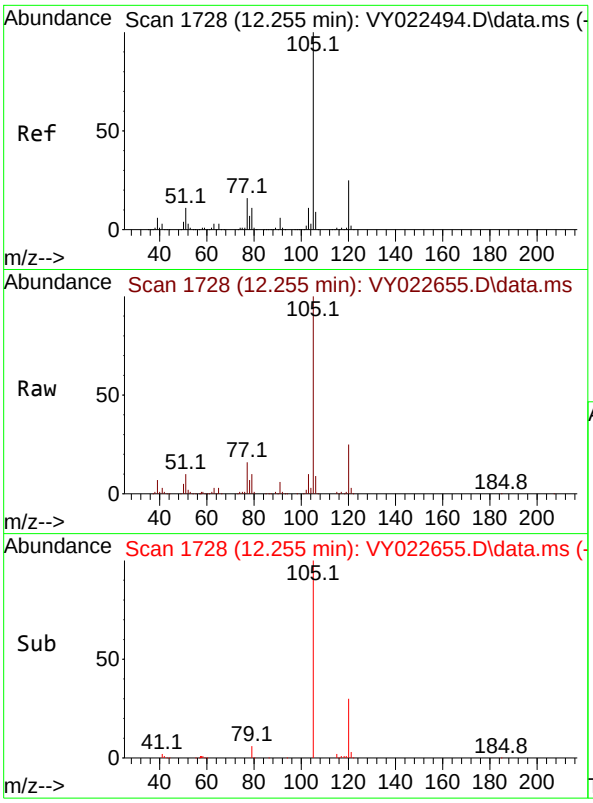


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:152 Resp: 102308

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.9	86.7
150	163.6	0.0	349.6





#73
Isopropylbenzene
Concen: 20.874 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:105 Resp: 17532

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.0	38.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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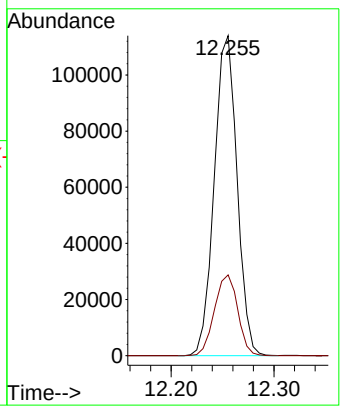
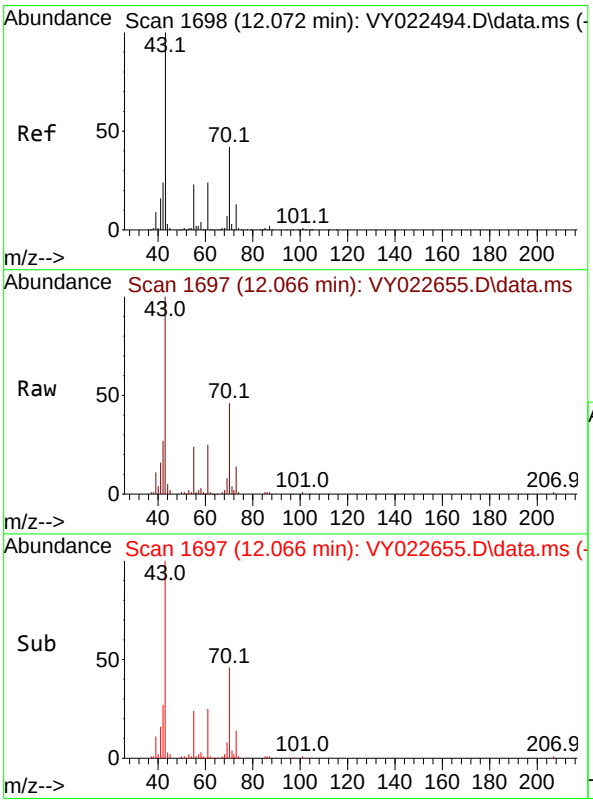
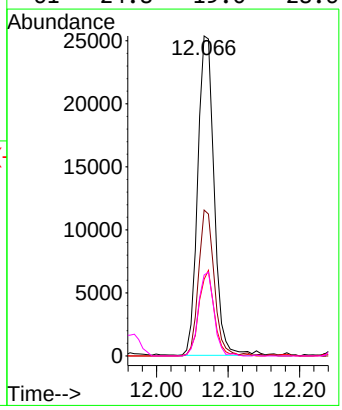


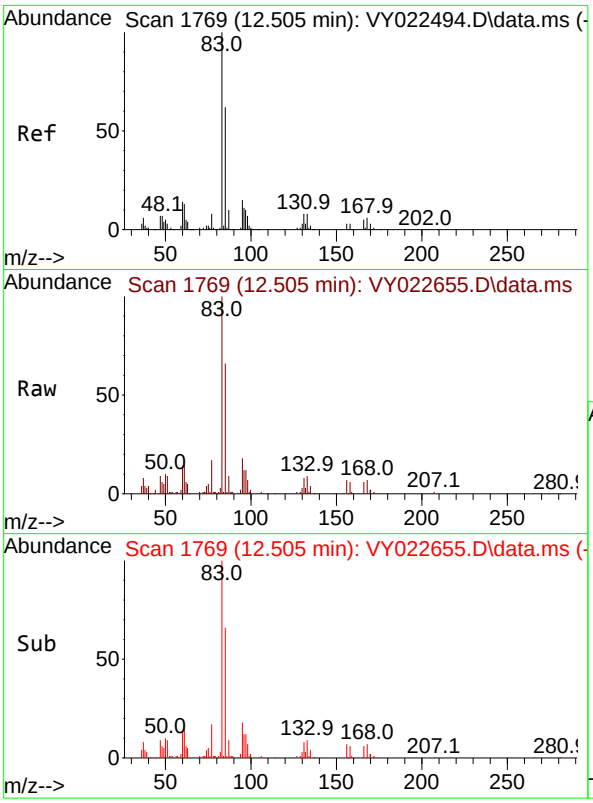


#74
N-amyl acetate
Concen: 19.083 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 40443

Ion	Ratio	Lower	Upper
43	100		
70	43.3	34.2	51.2
55	25.2	18.2	27.4
61	24.8	19.0	28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 19.484 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 83 Resp: 2686

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.9	14.7
85	64.8	32.6	97.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Manual Integrations
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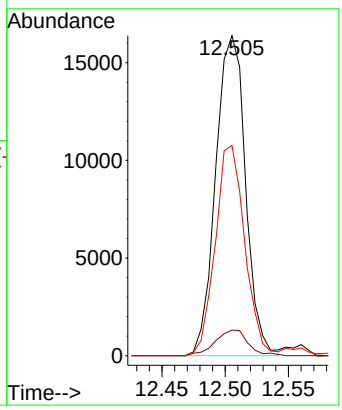
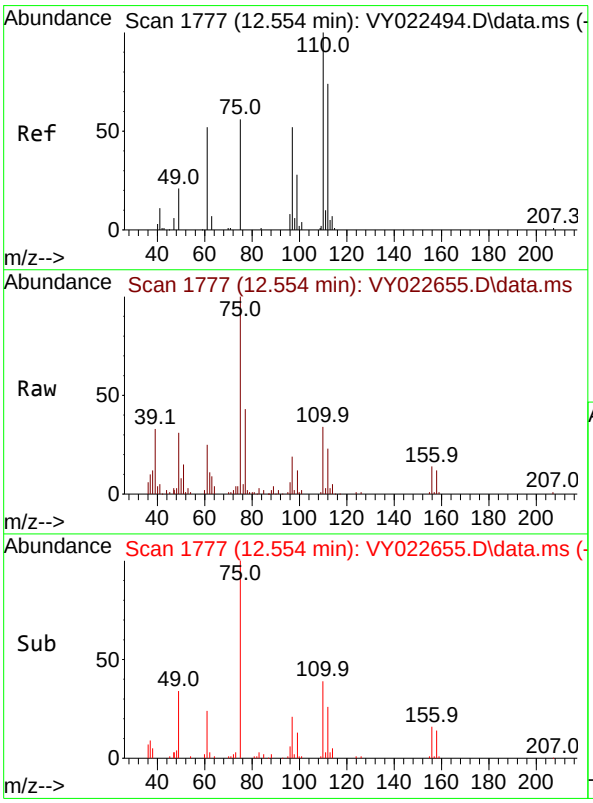
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

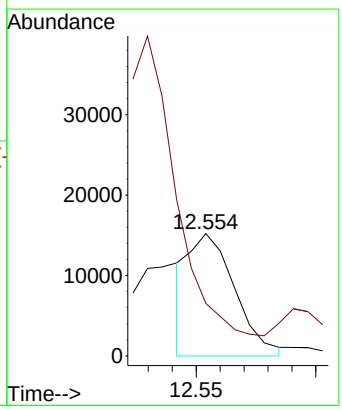


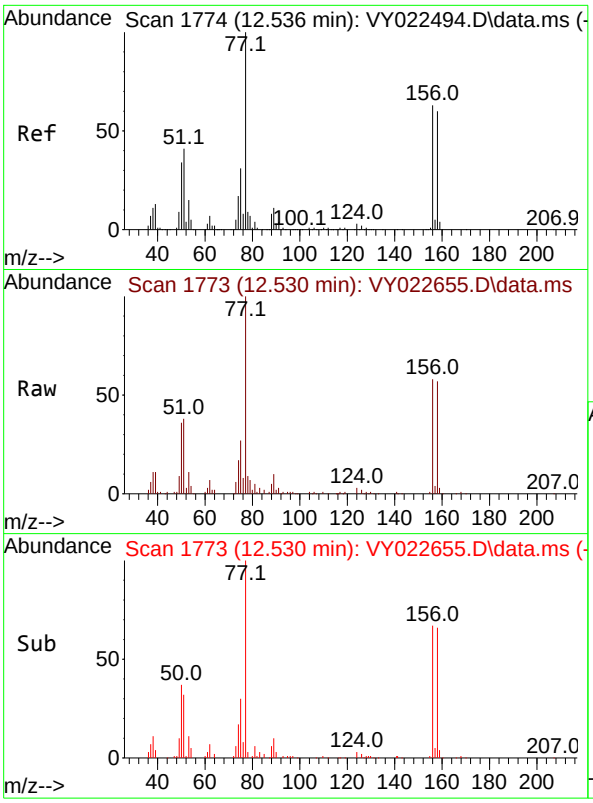


#76
1,2,3-Trichloropropane
Concen: 17.549 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 20540

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

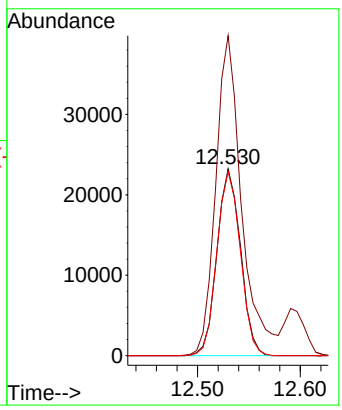




#77
Bromobenzene
Concen: 20.876 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:156 Resp: 3700

Ion	Ratio	Lower	Upper
156	100		
77	188.5	94.0	282.1
158	98.3	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
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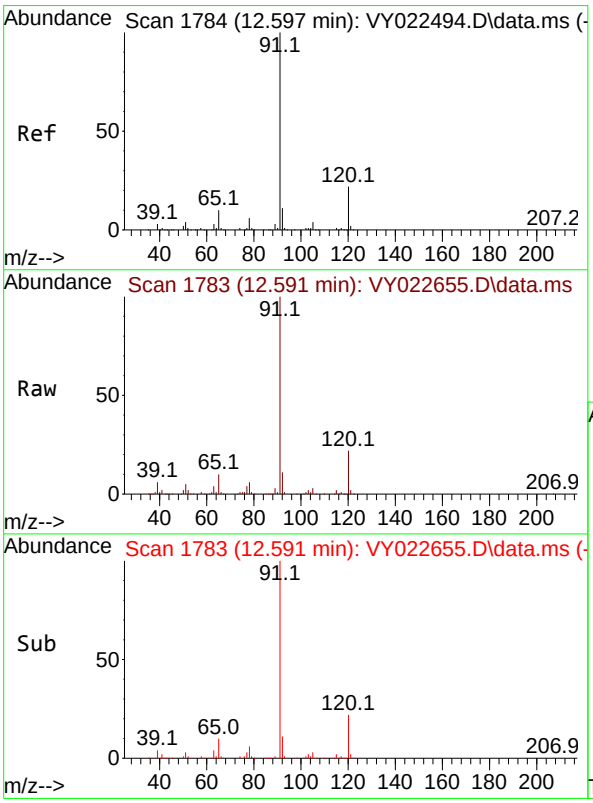
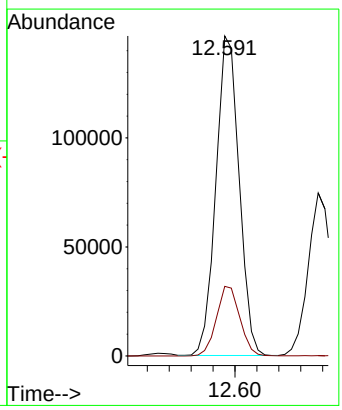
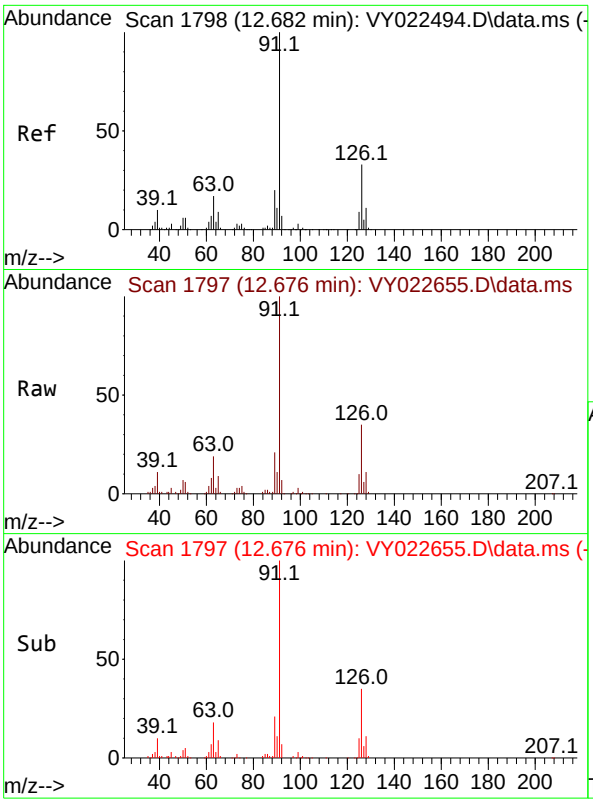


#78
n-propylbenzene
Concen: 21.023 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 91 Resp: 215673

Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.8	32.4

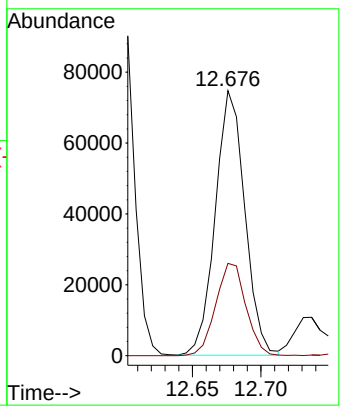




#79
2-Chlorotoluene
Concen: 20.568 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 91 Resp: 11183

Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.0	51.0



Instrument :
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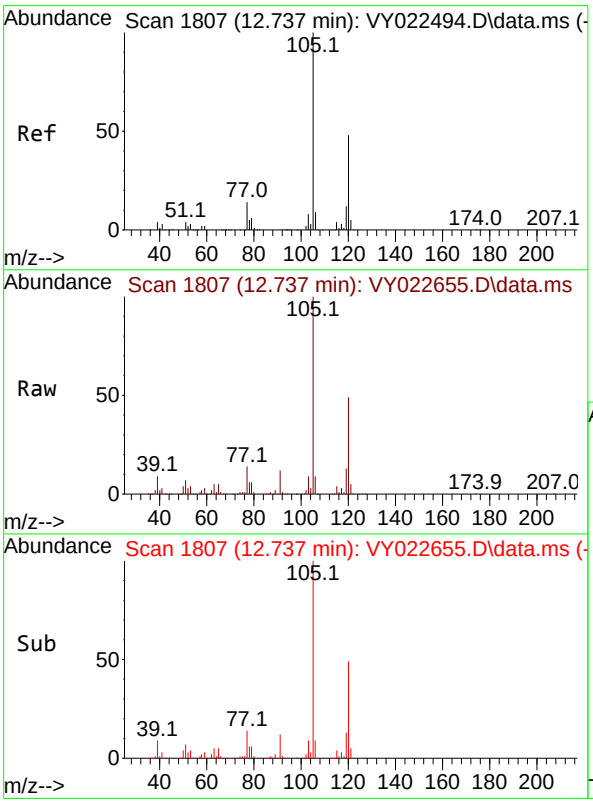
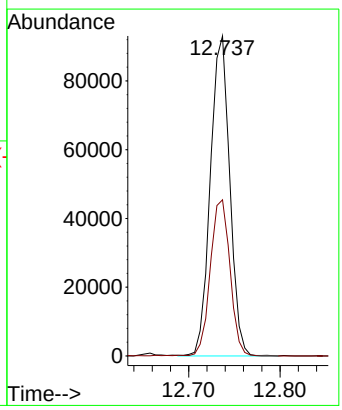
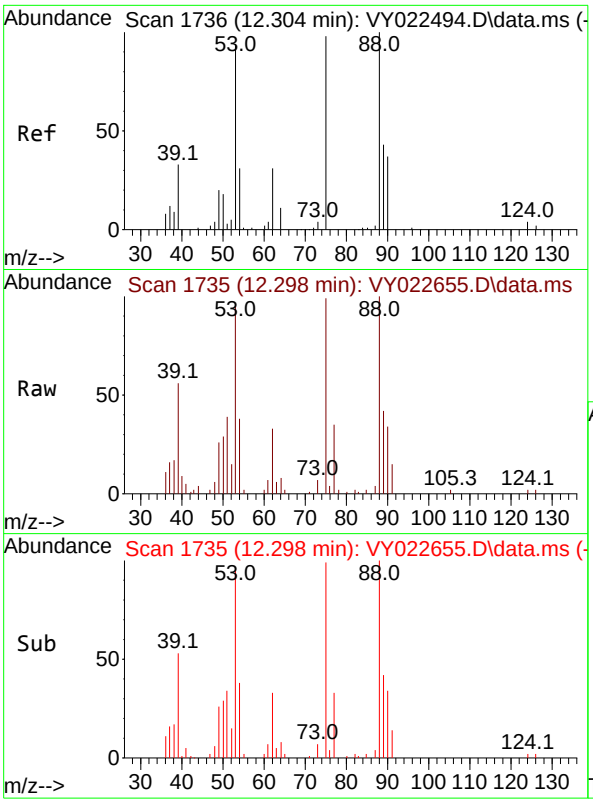


#80
1,3,5-Trimethylbenzene
Concen: 20.769 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:105 Resp: 136959

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.1	72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.231 ug/l
RT: 12.298 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 883

Ion	Ratio	Lower	Upper
75	100		
53	105.8	78.5	117.7
89	45.6	35.7	53.5

Instrument :
MSVOA_Y
ClientSampleId :
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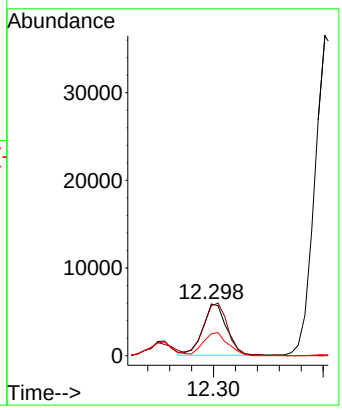
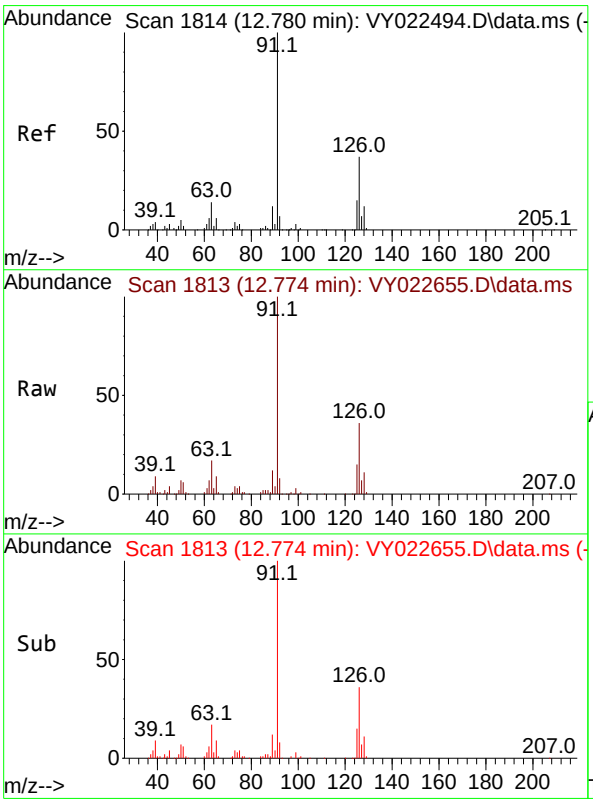
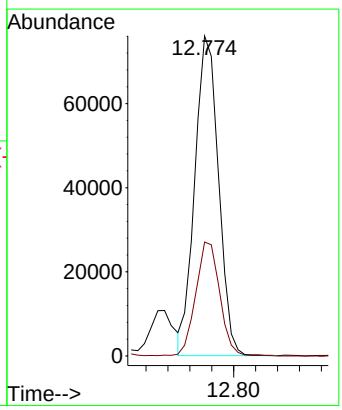


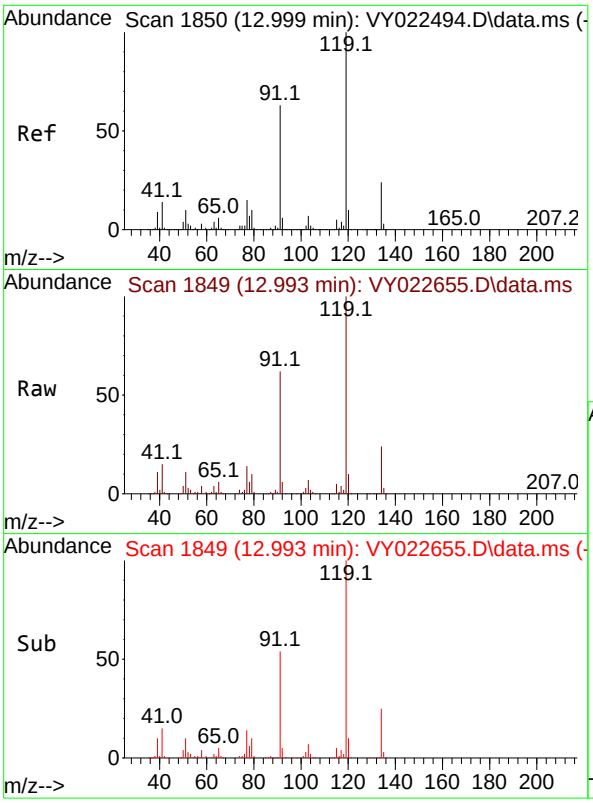


#82
4-Chlorotoluene
Concen: 20.380 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 91 Resp: 114316

Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.0	50.9

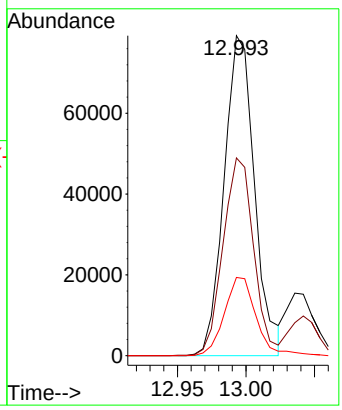




#83
tert-Butylbenzene
Concen: 20.705 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:119 Resp: 12254

Ion	Ratio	Lower	Upper
119	100		
91	62.2	32.1	96.3
134	25.6	13.0	38.9



Instrument :
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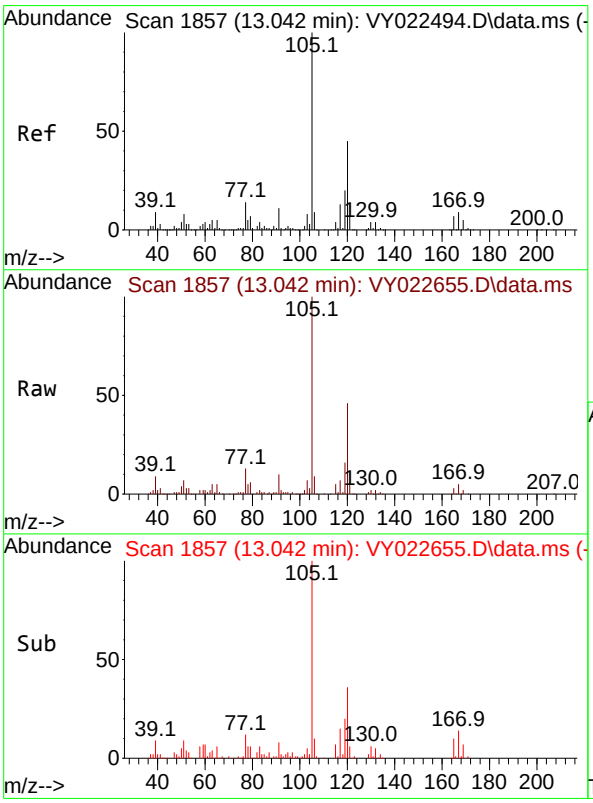
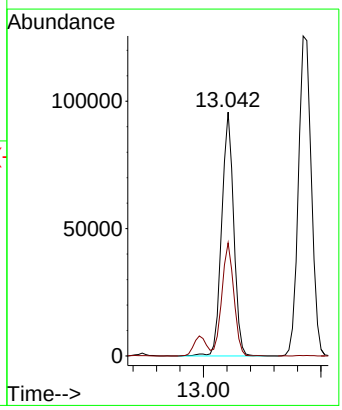
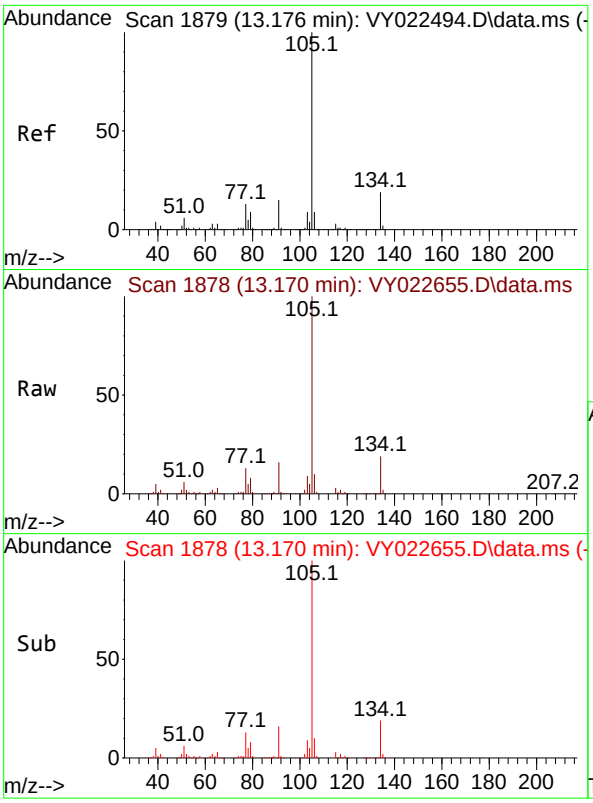


#84
1,2,4-Trimethylbenzene
Concen: 20.590 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:105 Resp: 135799

Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.7	68.1

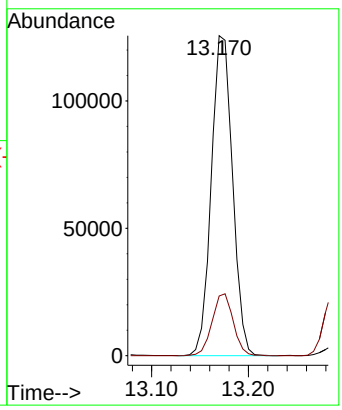




#85
sec-Butylbenzene
Concen: 21.130 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:105 Resp: 19153

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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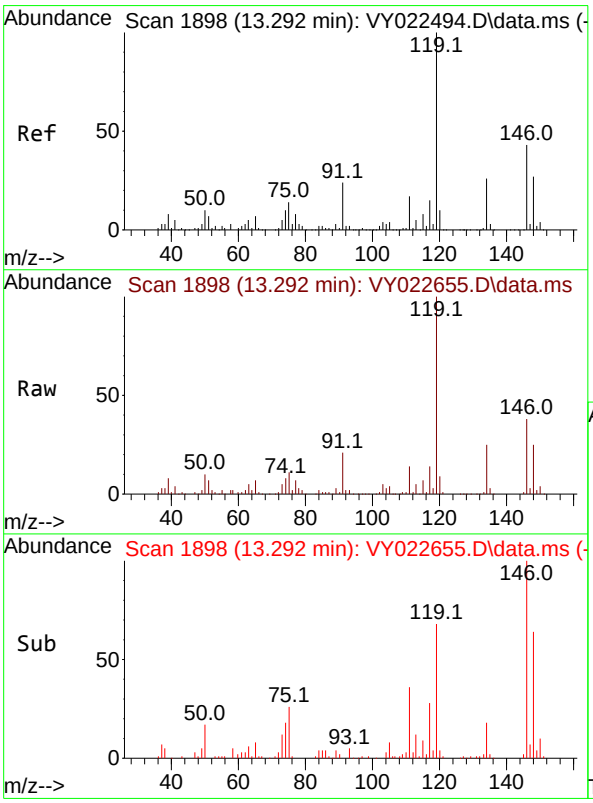
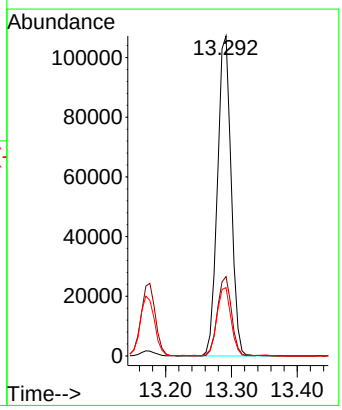
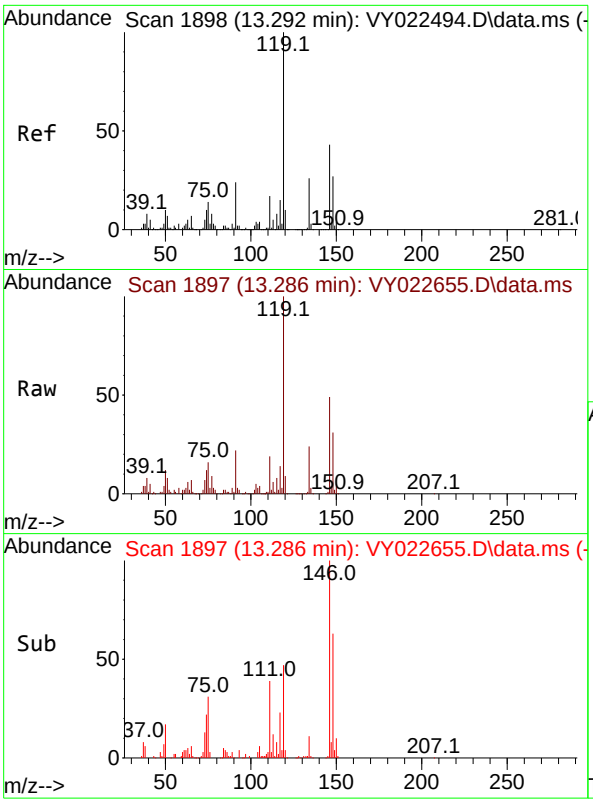


#86
p-Isopropyltoluene
Concen: 20.765 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:119 Resp: 155151

Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.1	39.1
91	22.0	11.6	34.8

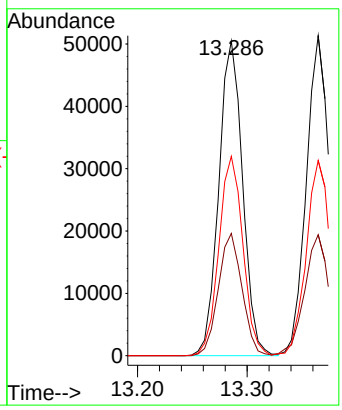




#87
1,3-Dichlorobenzene
Concen: 21.265 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:146 Resp: 7636

Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	63.9	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

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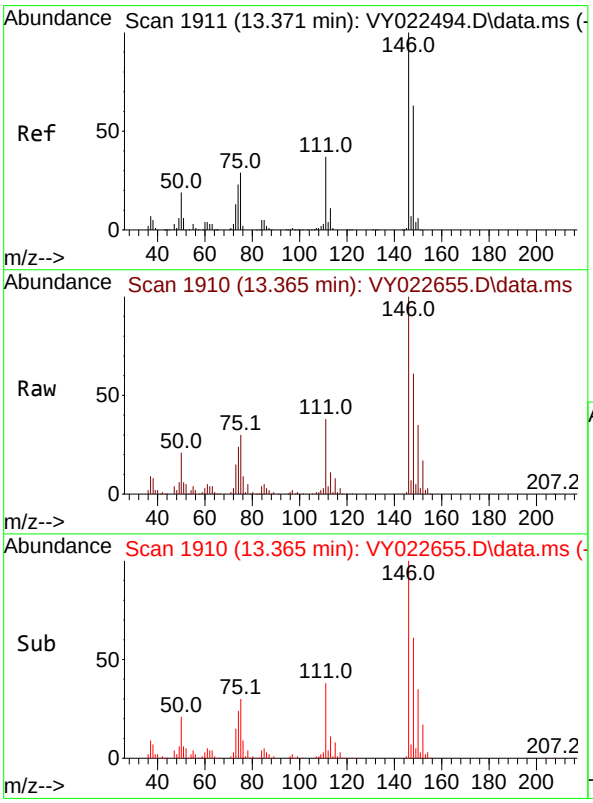
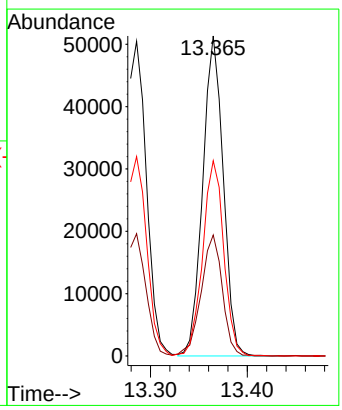
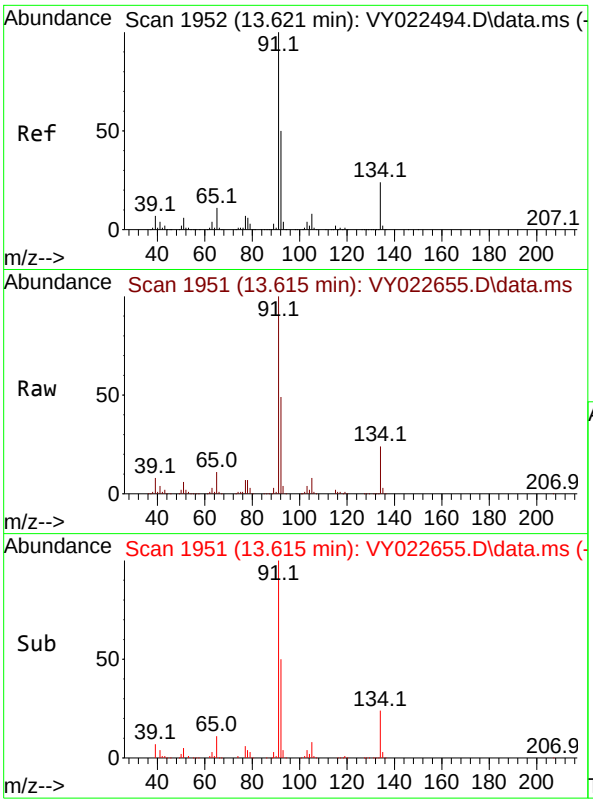


#88
1,4-Dichlorobenzene
Concen: 21.792 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:146 Resp: 75907

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	62.8	31.6	94.8

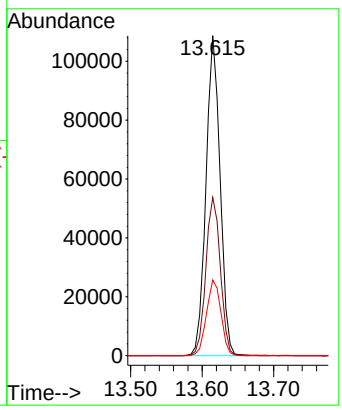




#89
n-Butylbenzene
Concen: 21.011 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 91 Resp: 14894

Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.9	77.8
134	24.2	12.0	36.1



Instrument :
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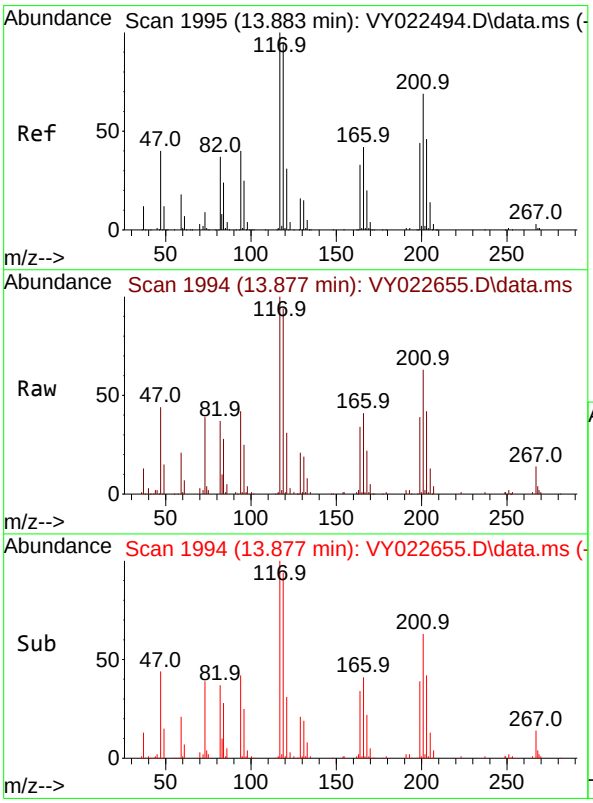
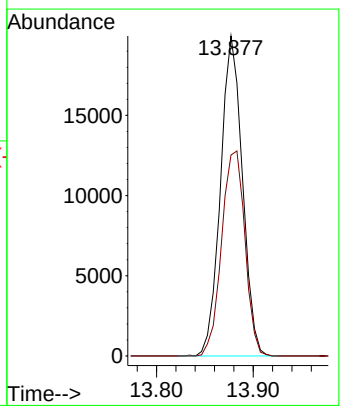
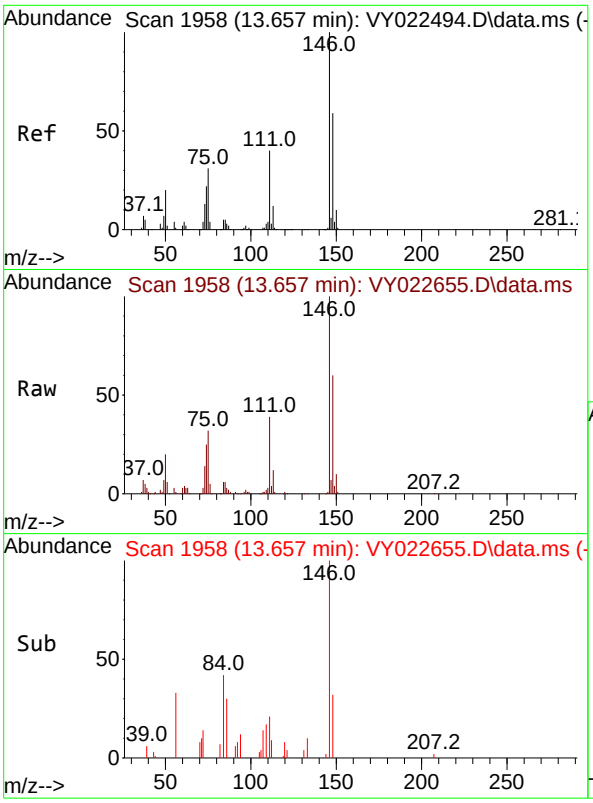


#90
Hexachloroethane
Concen: 21.563 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:117 Resp: 31366

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.0	102.0

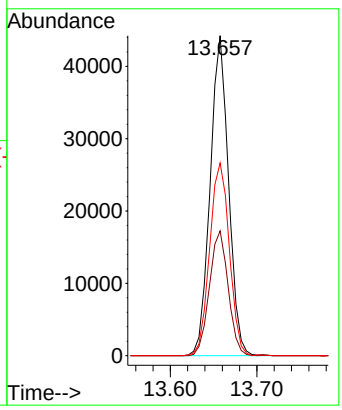




#91
1,2-Dichlorobenzene
Concen: 21.421 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:146 Resp: 6531

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.6
148	64.4	31.4	94.0



Instrument :
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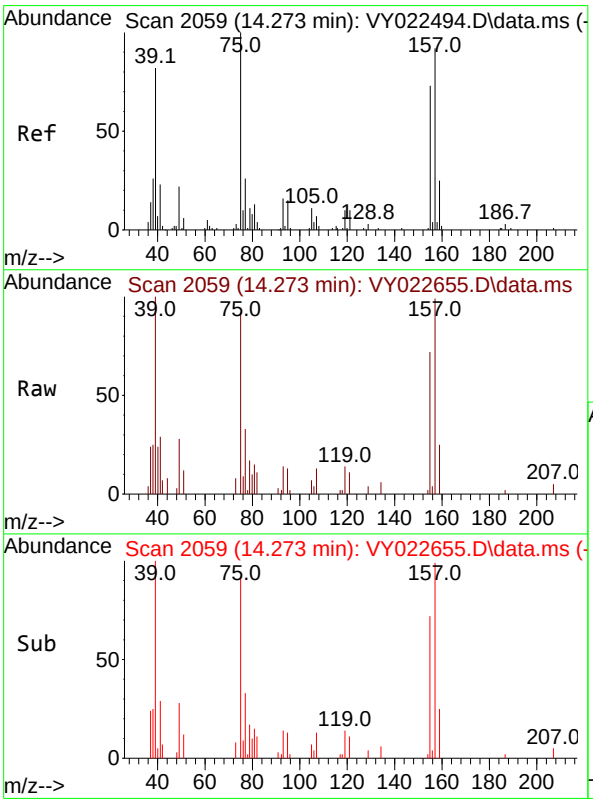
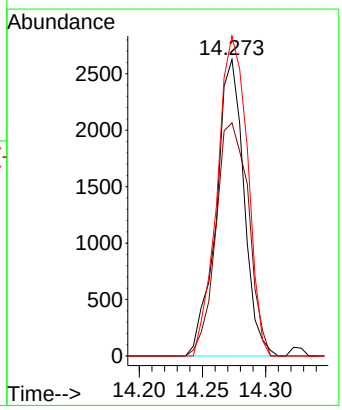
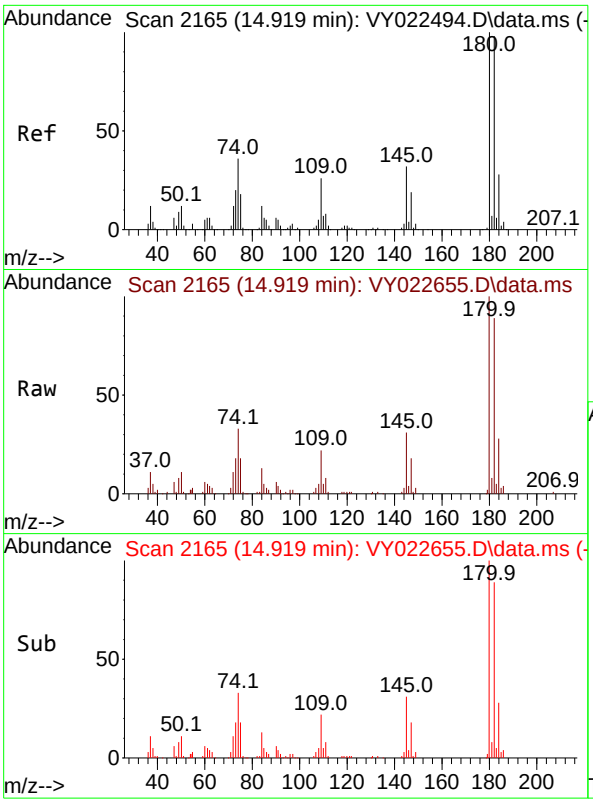


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.929 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 4000

Ion	Ratio	Lower	Upper
75	100		
155	92.6	39.9	119.6
157	117.7	54.0	162.0

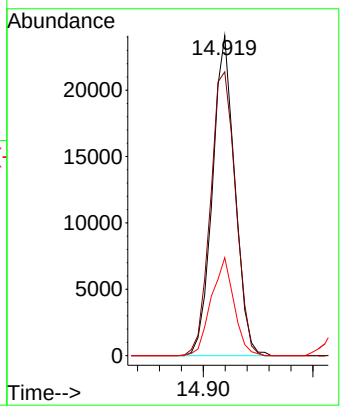




#93
1,2,4-Trichlorobenzene
Concen: 20.582 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:180 Resp: 3422

Ion	Ratio	Lower	Upper
180	100		
182	99.6	48.4	145.3
145	31.2	15.5	46.5



Instrument :
MSVOA_Y
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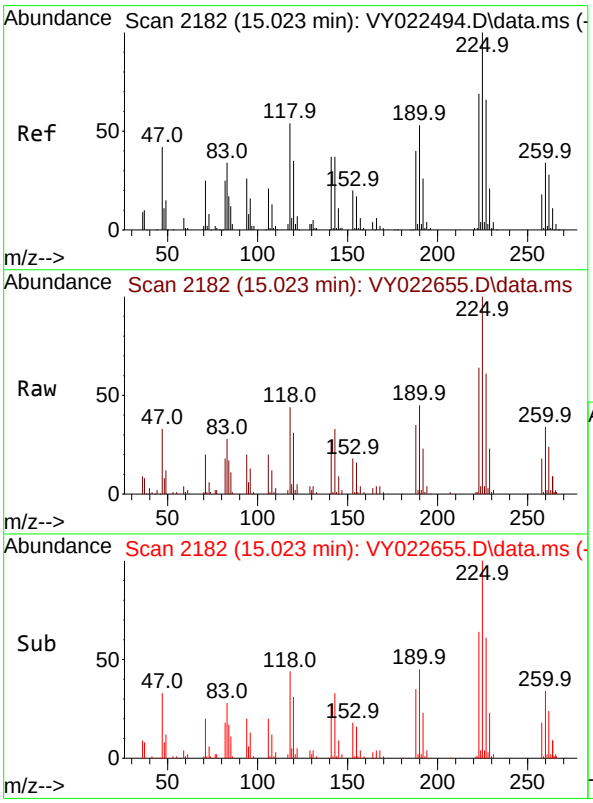
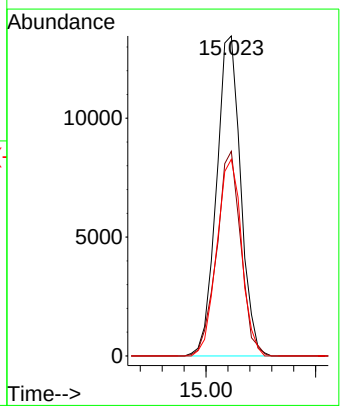
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

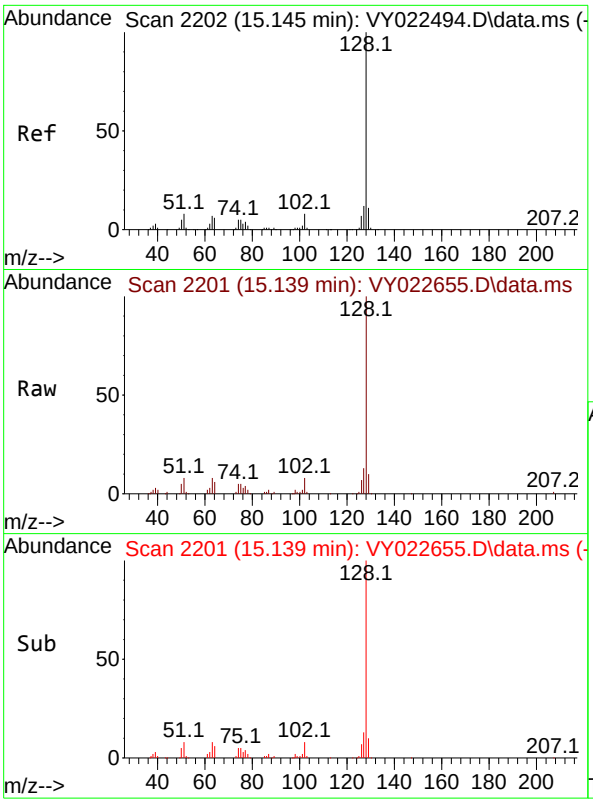


#94
Hexachlorobutadiene
Concen: 22.411 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:225 Resp: 20570

Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.5	97.4
227	63.2	32.3	96.9

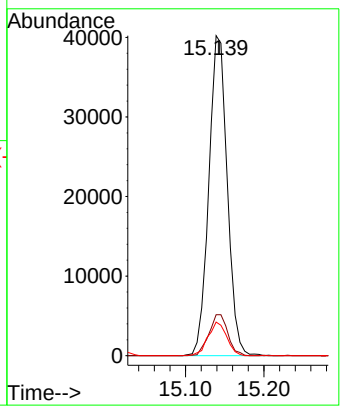




#95
Naphthalene
Concen: 20.574 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:128 Resp: 6565

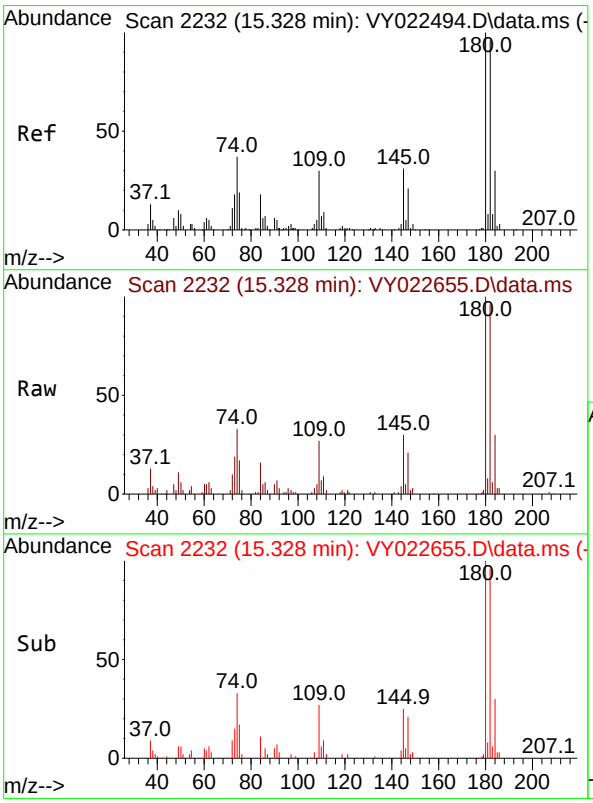
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.6	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Manual Integrations
APPROVED

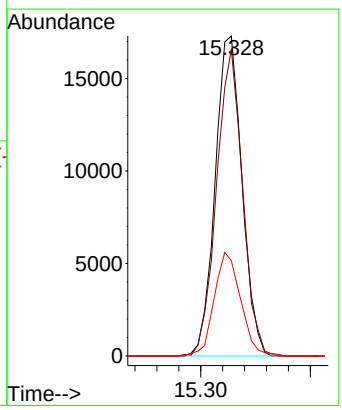
Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.612 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:180 Resp: 29376

Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.1	141.3
145	31.8	15.2	45.6



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN086862.D	1,1,2-Trichlorotrifluoroethane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,4-Dichlorobenzene	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	2-Hexanone	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	N-amyl acetate	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	N-amyl acetate	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC020	VN086864.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:19 AM	MMDadoda	6/9/2025 1:13:21 PM	Peak Integrated by Software
VSTDICCC050	VN086865.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:25 AM	MMDadoda	6/9/2025 1:13:23 PM	Peak Integrated by Software
VSTDICC100	VN086866.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:29 AM	MMDadoda	6/9/2025 1:13:28 PM	Peak Integrated by Software
VSTDICC150	VN086867.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:34 AM	MMDadoda	6/9/2025 1:13:30 PM	Peak Integrated by Software
VSTDICV050	VN086869.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:38 AM	MMDadoda	6/9/2025 1:13:34 PM	Peak Integrated by Software
VSTDCCC050	VN086886.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:55 AM	MMDadoda	6/9/2025 1:13:44 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	VN061025	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN086913.D	1,2,3-Trichloropropane	JOHN	6/11/2025 9:51:44 AM	MMDadoda	6/11/2025 11:12:24 AM	Peak Integrated by Software
VSTDCCC050	VN086913.D	trans-1,4-Dichloro-2-but ene	JOHN	6/11/2025 9:51:44 AM	MMDadoda	6/11/2025 11:12:24 AM	Peak Integrated by Software
VN0610WBS01	VN086916.D	1,2,3-Trichloropropane	JOHN	6/11/2025 9:51:48 AM	MMDadoda	6/11/2025 11:12:38 AM	Peak Integrated by Software
VN0610WBS01	VN086916.D	N-amyl acetate	JOHN	6/11/2025 9:51:48 AM	MMDadoda	6/11/2025 11:12:38 AM	Peak Integrated by Software
VN0610WBSD0 1	VN086917.D	1,2,3-Trichloropropane	JOHN	6/11/2025 9:51:52 AM	MMDadoda	6/11/2025 11:12:40 AM	Peak Integrated by Software
VN0610WBSD0 1	VN086917.D	Allyl chloride	JOHN	6/11/2025 9:51:52 AM	MMDadoda	6/11/2025 11:12:40 AM	Peak Integrated by Software
VSTDCCC050	VN086938.D	1,2,3-Trichloropropane	JOHN	6/11/2025 9:52:32 AM	MMDadoda	6/11/2025 11:12:50 AM	Peak Integrated by Software
VSTDCCC050	VN086938.D	trans-1,4-Dichloro-2-but ene	JOHN	6/11/2025 9:52:32 AM	MMDadoda	6/11/2025 11:12:50 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn061125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN086940.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:47:09 AM	Sam	6/12/2025 3:54:50 PM	Peak Integrated by Software
VN0611WBS02	VN086944.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:47:21 AM	Sam	6/12/2025 3:54:50 PM	Peak Integrated by Software
VSTDCCC050	VN086965.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:53:57 AM	Sam	6/12/2025 3:54:56 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy060225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY022491.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC005	VY022491.D	1,4-Dioxane	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC005	VY022491.D	Ethyl Acetate	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	Dibromomethane	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	Methacrylonitrile	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC020	VY022493.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:00 AM	MMDadoda	6/3/2025 2:38:17 PM	Peak Integrated by Software
VSTDICCC050	VY022494.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:05 AM	MMDadoda	6/3/2025 2:38:19 PM	Peak Integrated by Software
VSTDICC100	VY022495.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:35 AM	MMDadoda	6/3/2025 2:38:20 PM	Peak Integrated by Software
VSTDICC100	VY022495.D	Methacrylonitrile	SAM	6/3/2025 8:26:35 AM	MMDadoda	6/3/2025 2:38:20 PM	Peak Integrated by Software
VSTDICC150	VY022496.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:09 AM	MMDadoda	6/3/2025 2:38:22 PM	Peak Integrated by Software
VSTDICV050	VY022498.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:42 AM	MMDadoda	6/3/2025 2:38:25 PM	Peak Integrated by Software
VSTDCCC050	VY022509.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:27:00 AM	MMDadoda	6/3/2025 2:38:29 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy060225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	vy061125	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022652.D	1,2,3-Trichloropropane	MMDadoda	6/12/2025 3:54:13 PM	Sam	6/12/2025 3:55:17 PM	Peak Integrated by Software
VSTDCCC050	VY022652.D	Ethyl Acetate	MMDadoda	6/12/2025 3:54:13 PM	Sam	6/12/2025 3:55:17 PM	Peak Integrated by Software
VY0611SBS01	VY022654.D	1,2,3-Trichloropropane	MMDadoda	6/12/2025 3:51:57 PM	Sam	6/12/2025 3:55:18 PM	Peak Integrated by Software
VY0611SBS01	VY022654.D	Ethyl Acetate	MMDadoda	6/12/2025 3:51:57 PM	Sam	6/12/2025 3:55:18 PM	Peak Integrated by Software
VY0611SBSD01	VY022655.D	1,2,3-Trichloropropane	MMDadoda	6/12/2025 3:51:59 PM	Sam	6/12/2025 3:55:20 PM	Peak Integrated by Software
VY0611SBSD01	VY022655.D	Ethyl Acetate	MMDadoda	6/12/2025 3:51:59 PM	Sam	6/12/2025 3:55:20 PM	Peak Integrated by Software
VY0611SBSD01	VY022655.D	Methyl methacrylate	MMDadoda	6/12/2025 3:51:59 PM	Sam	6/12/2025 3:55:20 PM	Peak Integrated by Software
VSTDCCC050	VY022664.D	1,2,3-Trichloropropane	MMDadoda	6/12/2025 3:52:00 PM	Sam	6/12/2025 3:55:22 PM	Peak Integrated by Software
VSTDCCC050	VY022664.D	Methacrylonitrile	MMDadoda	6/12/2025 3:52:00 PM	Sam	6/12/2025 3:55:22 PM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086861.D	06 Jun 2025 07:59	JC\MD	Ok
2	VSTDICC001	VN086862.D	06 Jun 2025 12:44	JC\MD	Ok,M
3	VSTDICC005	VN086863.D	06 Jun 2025 13:17	JC\MD	Ok,M
4	VSTDICC020	VN086864.D	06 Jun 2025 13:40	JC\MD	Ok,M
5	VSTDICCC050	VN086865.D	06 Jun 2025 14:03	JC\MD	Ok,M
6	VSTDICC100	VN086866.D	06 Jun 2025 14:26	JC\MD	Ok,M
7	VSTDICC150	VN086867.D	06 Jun 2025 14:49	JC\MD	Ok,M
8	IBLK	VN086868.D	06 Jun 2025 15:12	JC\MD	Ok
9	VSTDICV050	VN086869.D	06 Jun 2025 15:54	JC\MD	Ok,M
10	VN0606WBL01	VN086870.D	06 Jun 2025 16:47	JC\MD	Ok
11	VN0606WBL02	VN086871.D	06 Jun 2025 17:10	JC\MD	Ok
12	VN0606WBS01	VN086872.D	06 Jun 2025 17:33	JC\MD	Ok,M
13	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56	JC\MD	Ok,M
14	Q2254-01	VN086874.D	06 Jun 2025 18:19	JC\MD	Not Ok
15	Q2237-02	VN086875.D	06 Jun 2025 18:42	JC\MD	Ok
16	Q2216-02	VN086876.D	06 Jun 2025 19:05	JC\MD	Ok
17	Q2216-03	VN086877.D	06 Jun 2025 19:28	JC\MD	Ok
18	Q2216-04	VN086878.D	06 Jun 2025 19:51	JC\MD	Ok
19	Q2216-05	VN086879.D	06 Jun 2025 20:13	JC\MD	Not Ok
20	Q2216-06	VN086880.D	06 Jun 2025 20:36	JC\MD	Not Ok
21	Q2206-04	VN086881.D	06 Jun 2025 20:59	JC\MD	Not Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2242-04	VN086882.D	06 Jun 2025 21:21	JC\MD	Not Ok
23	Q2192-01	VN086883.D	06 Jun 2025 21:44	JC\MD	Not Ok
24	Q2198-02	VN086884.D	06 Jun 2025 22:07	JC\MD	Not Ok
25	Q2198-04	VN086885.D	06 Jun 2025 22:29	JC\MD	Not Ok
26	VSTDCCC050	VN086886.D	06 Jun 2025 22:52	JC\MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061025

Review By	John Carlone	Review On	6/11/2025 9:59:27 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:28 AM		
SubDirectory	VN061025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134203
Initial Calibration Stds	
CCC	VP134204,VP134205
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086912.D	10 Jun 2025 08:39	JC\MD	Ok
2	VSTDCCC050	VN086913.D	10 Jun 2025 09:13	JC\MD	Ok,M
3	VN0610MBL01	VN086914.D	10 Jun 2025 09:47	JC\MD	Ok
4	VN0610WBL01	VN086915.D	10 Jun 2025 10:09	JC\MD	Ok
5	VN0610WBS01	VN086916.D	10 Jun 2025 10:30	JC\MD	Ok,M
6	VN0610WBSD01	VN086917.D	10 Jun 2025 11:04	JC\MD	Ok,M
7	IBLK	VN086918.D	10 Jun 2025 11:25	JC\MD	Ok
8	Q2250-05	VN086919.D	10 Jun 2025 11:47	JC\MD	Ok
9	Q2250-06	VN086920.D	10 Jun 2025 12:08	JC\MD	Ok
10	Q2250-01	VN086921.D	10 Jun 2025 12:30	JC\MD	Dilution
11	Q2250-02MS	VN086922.D	10 Jun 2025 12:51	JC\MD	Ok,M
12	Q2250-03MSD	VN086923.D	10 Jun 2025 13:12	JC\MD	Ok,M
13	IBLK	VN086924.D	10 Jun 2025 13:34	JC\MD	Ok
14	Q2251-01	VN086925.D	10 Jun 2025 13:55	JC\MD	Not Ok
15	Q2251-06	VN086926.D	10 Jun 2025 14:17	JC\MD	Not Ok
16	Q2251-05	VN086927.D	10 Jun 2025 14:38	JC\MD	ReRun
17	Q2251-02	VN086928.D	10 Jun 2025 15:00	JC\MD	Ok
18	Q2251-03	VN086929.D	10 Jun 2025 15:22	JC\MD	Ok
19	IBLK	VN086930.D	10 Jun 2025 15:43	JC\MD	Ok
20	IBLK	VN086931.D	10 Jun 2025 16:05	JC\MD	Ok
21	Q2251-01	VN086932.D	10 Jun 2025 16:26	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061025

Review By	John Carlone	Review On	6/11/2025 9:59:27 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:28 AM		
SubDirectory	VN061025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134203
Initial Calibration Stds	
CCC	VP134204,VP134205
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2251-05	VN086933.D	10 Jun 2025 16:48	JC\MD	Ok
23	Q2202-01	VN086934.D	10 Jun 2025 17:09	JC\MD	Ok
24	Q2202-02	VN086935.D	10 Jun 2025 17:31	JC\MD	Ok
25	Q2202-03	VN086936.D	10 Jun 2025 17:52	JC\MD	Dilution
26	Q2279-01	VN086937.D	10 Jun 2025 18:14	JC\MD	Ok
27	VSTDCCC050	VN086938.D	10 Jun 2025 18:57	JC\MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086939.D	11 Jun 2025 10:22	JC\MD	Ok
2	VSTDCCC050	VN086940.D	11 Jun 2025 11:32	JC\MD	Ok,M
3	VN0611MBL01	VN086941.D	11 Jun 2025 12:06	JC\MD	Ok
4	VN0611WBL01	VN086942.D	11 Jun 2025 12:28	JC\MD	Ok
5	VN0611WBS01	VN086943.D	11 Jun 2025 12:50	JC\MD	Not Ok
6	VN0611WBS02	VN086944.D	11 Jun 2025 13:27	JC\MD	Ok,M
7	VN0611WBSD02	VN086945.D	11 Jun 2025 14:01	JC\MD	Ok,M
8	Q2251-06	VN086946.D	11 Jun 2025 14:22	JC\MD	Ok
9	Q2202-03DL	VN086947.D	11 Jun 2025 14:44	JC\MD	Ok,M
10	Q2250-01DL	VN086948.D	11 Jun 2025 15:06	JC\MD	Ok
11	Q2202-06	VN086949.D	11 Jun 2025 15:28	JC\MD	Ok
12	Q2189-01	VN086950.D	11 Jun 2025 15:50	JC\MD	Ok
13	Q2202-05	VN086951.D	11 Jun 2025 16:12	JC\MD	Ok
14	Q2202-04	VN086952.D	11 Jun 2025 16:35	JC\MD	Ok
15	Q2231-01	VN086953.D	11 Jun 2025 16:57	JC\MD	Ok
16	Q2231-02	VN086954.D	11 Jun 2025 17:19	JC\MD	Ok,M
17	Q2231-03	VN086955.D	11 Jun 2025 17:41	JC\MD	Ok
18	Q2231-04	VN086956.D	11 Jun 2025 18:04	JC\MD	Ok
19	Q2231-05	VN086957.D	11 Jun 2025 18:26	JC\MD	Ok
20	Q2231-06	VN086958.D	11 Jun 2025 18:48	JC\MD	Ok
21	Q2210-01	VN086959.D	11 Jun 2025 19:10	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2209-01	VN086960.D	11 Jun 2025 19:33	JC\MD	Ok
23	IBLK	VN086961.D	11 Jun 2025 19:55	JC\MD	Ok
24	IBLK	VN086962.D	11 Jun 2025 20:17	JC\MD	Ok
25	Q2263-01	VN086963.D	11 Jun 2025 20:39	JC\MD	Ok
26	Q2263-02	VN086964.D	11 Jun 2025 21:01	JC\MD	Ok
27	VSTDCCC050	VN086965.D	11 Jun 2025 21:23	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM				
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M		

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022488.D	02 Jun 2025 08:31	SY/MD	Ok
2	VSTDCCC050	VY022489.D	02 Jun 2025 09:08	SY/MD	Not Ok
3	VY0602SBL01	VY022490.D	02 Jun 2025 10:38	SY/MD	Not Ok
4	VSTDICC005	VY022491.D	02 Jun 2025 11:46	SY/MD	Ok,M
5	VSTDICC010	VY022492.D	02 Jun 2025 12:09	SY/MD	Ok,M
6	VSTDICC020	VY022493.D	02 Jun 2025 12:32	SY/MD	Ok,M
7	VSTDICCC050	VY022494.D	02 Jun 2025 12:54	SY/MD	Ok,M
8	VSTDICC100	VY022495.D	02 Jun 2025 13:17	SY/MD	Ok,M
9	VSTDICC150	VY022496.D	02 Jun 2025 13:39	SY/MD	Ok,M
10	VIBLK	VY022497.D	02 Jun 2025 14:03	SY/MD	Ok
11	VSTDICV050	VY022498.D	02 Jun 2025 14:59	SY/MD	Ok,M
12	VY0602SBL02	VY022499.D	02 Jun 2025 16:00	SY/MD	Ok
13	VY0602SBS01	VY022500.D	02 Jun 2025 16:24	SY/MD	Ok,M
14	VY0602SBSD01	VY022501.D	02 Jun 2025 16:47	SY/MD	Ok,M
15	Q2160-02	VY022502.D	02 Jun 2025 17:10	SY/MD	Ok
16	Q2152-01	VY022503.D	02 Jun 2025 17:34	SY/MD	Not Ok
17	Q2153-01RE	VY022504.D	02 Jun 2025 17:57	SY/MD	Confirms
18	Q2147-02	VY022505.D	02 Jun 2025 18:21	SY/MD	Not Ok
19	Q2150-02	VY022506.D	02 Jun 2025 18:44	SY/MD	Ok
20	Q2150-05RE	VY022507.D	02 Jun 2025 19:08	SY/MD	Confirms
21	Q2161-01	VY022508.D	02 Jun 2025 19:31	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM				
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M		

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VY022509.D	02 Jun 2025 19:54	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY061125

Review By	Mahesh Dadoda	Review On	6/12/2025 3:52:04 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:23 PM				
SubDirectory	VY061125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y060225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134249
Initial Calibration Stds	
CCC	VP134250,VP134251
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022651.D	11 Jun 2025 09:22	SY/MD	Ok
2	VSTDCCC050	VY022652.D	11 Jun 2025 09:59	SY/MD	Ok,M
3	VY0611SBL01	VY022653.D	11 Jun 2025 10:30	SY/MD	Ok
4	VY0611SBS01	VY022654.D	11 Jun 2025 11:01	SY/MD	Ok,M
5	VY0611SBSD01	VY022655.D	11 Jun 2025 11:23	SY/MD	Ok,M
6	Q2259-03	VY022656.D	11 Jun 2025 12:01	SY/MD	Ok
7	Q2259-01	VY022657.D	11 Jun 2025 12:24	SY/MD	Ok
8	Q2251-07	VY022658.D	11 Jun 2025 12:48	SY/MD	Ok
9	Q2280-01	VY022659.D	11 Jun 2025 13:11	SY/MD	Ok
10	Q2280-03	VY022660.D	11 Jun 2025 13:34	SY/MD	Ok
11	Q2283-01	VY022661.D	11 Jun 2025 13:58	SY/MD	Ok
12	Q2286-01	VY022662.D	11 Jun 2025 14:21	SY/MD	Dilution
13	VIBLK	VY022663.D	11 Jun 2025 14:45	SY/MD	Ok
14	VSTDCCC050	VY022664.D	11 Jun 2025 15:07	SY/MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086861.D	06 Jun 2025 07:59		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN086862.D	06 Jun 2025 12:44	Method failed for com.#13	JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN086863.D	06 Jun 2025 13:17		JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN086864.D	06 Jun 2025 13:40		JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN086865.D	06 Jun 2025 14:03		JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN086866.D	06 Jun 2025 14:26		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN086867.D	06 Jun 2025 14:49		JC\MD	Ok,M
8	IBLK	IBLK	VN086868.D	06 Jun 2025 15:12		JC\MD	Ok
9	VSTDICV050	ICVVN060625	VN086869.D	06 Jun 2025 15:54		JC\MD	Ok,M
10	VN0606WBL01	VN0606WBL01	VN086870.D	06 Jun 2025 16:47		JC\MD	Ok
11	VN0606WBL02	VN0606WBL02	VN086871.D	06 Jun 2025 17:10		JC\MD	Ok
12	VN0606WBS01	VN0606WBS01	VN086872.D	06 Jun 2025 17:33		JC\MD	Ok,M
13	VN0606WBSD01	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56		JC\MD	Ok,M
14	Q2254-01	BP-VPB-182-GW-810-8	VN086874.D	06 Jun 2025 18:19	vial A pH<2 endccc out of tune	JC\MD	Not Ok
15	Q2237-02	TW-WTS-10	VN086875.D	06 Jun 2025 18:42	vial A pH<2	JC\MD	Ok
16	Q2216-02	3887	VN086876.D	06 Jun 2025 19:05	vial A pH<2	JC\MD	Ok
17	Q2216-03	3888	VN086877.D	06 Jun 2025 19:28	vial A pH<2	JC\MD	Ok
18	Q2216-04	3864	VN086878.D	06 Jun 2025 19:51	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2216-05	3865	VN086879.D	06 Jun 2025 20:13	vial A pH<2 Out of Tune	JC\MD	Not Ok
20	Q2216-06	3851	VN086880.D	06 Jun 2025 20:36	vial A pH<2 Out of Tune	JC\MD	Not Ok
21	Q2206-04	TP-1	VN086881.D	06 Jun 2025 20:59	vial A pH<2 Out of Tune	JC\MD	Not Ok
22	Q2242-04	TP09-MHJ	VN086882.D	06 Jun 2025 21:21	vial A pH<2 Out of Tune	JC\MD	Not Ok
23	Q2192-01	SB-1	VN086883.D	06 Jun 2025 21:44	vial A pH<2 Out of Tune	JC\MD	Not Ok
24	Q2198-02	B-202-SB02	VN086884.D	06 Jun 2025 22:07	vial A pH<2 Out of Tune	JC\MD	Not Ok
25	Q2198-04	B-207-SB02	VN086885.D	06 Jun 2025 22:29	vial A pH<2 Out of Tune	JC\MD	Not Ok
26	VSTDCCC050	VSTDCCC050EC	VN086886.D	06 Jun 2025 22:52	Out of Tune	JC\MD	Not Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061025

Review By	John Carlone	Review On	6/11/2025 9:59:27 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:28 AM		
SubDirectory	VN061025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134203
Initial Calibration Stds	
CCC	VP134204,VP134205
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086912.D	10 Jun 2025 08:39		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN086913.D	10 Jun 2025 09:13	pH#Lot#V12668	JC\MD	Ok,M
3	VN0610MBL01	VN0610MBL01	VN086914.D	10 Jun 2025 09:47		JC\MD	Ok
4	VN0610WBL01	VN0610WBL01	VN086915.D	10 Jun 2025 10:09		JC\MD	Ok
5	VN0610WBS01	VN0610WBS01	VN086916.D	10 Jun 2025 10:30		JC\MD	Ok,M
6	VN0610WBSD01	VN0610WBSD01	VN086917.D	10 Jun 2025 11:04		JC\MD	Ok,M
7	IBLK	IBLK	VN086918.D	10 Jun 2025 11:25		JC\MD	Ok
8	Q2250-05	EB02-060525	VN086919.D	10 Jun 2025 11:47	vial A pH<2 EB	JC\MD	Ok
9	Q2250-06	TB-01-060525	VN086920.D	10 Jun 2025 12:08	vial A pH<2 TB	JC\MD	Ok
10	Q2250-01	MW-11A-13.5-060525	VN086921.D	10 Jun 2025 12:30	vial A pH<2 Need 20X	JC\MD	Dilution
11	Q2250-02MS	MW-11A-13.5-060525M	VN086922.D	10 Jun 2025 12:51	vial A pH<2	JC\MD	Ok,M
12	Q2250-03MSD	MW-11A-13.5-060525M	VN086923.D	10 Jun 2025 13:12	vial A pH<2	JC\MD	Ok,M
13	IBLK	IBLK	VN086924.D	10 Jun 2025 13:34		JC\MD	Ok
14	Q2251-01	BP-VPB-182-TB-20250	VN086925.D	10 Jun 2025 13:55	Confirm concentration	JC\MD	Not Ok
15	Q2251-06	VPB182-HYD-2025060	VN086926.D	10 Jun 2025 14:17	Confirm concentration	JC\MD	Not Ok
16	Q2251-05	BP-VPB-182-EB-20250	VN086927.D	10 Jun 2025 14:38	vial A pH<2 EB;Hit of comp.#16,25	JC\MD	ReRun
17	Q2251-02	BP-VPB-182-GW-740-7	VN086928.D	10 Jun 2025 15:00	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061025

Review By	John Carlone	Review On	6/11/2025 9:59:27 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:28 AM		
SubDirectory	VN061025	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134203
Initial Calibration Stds	
CCC	VP134204,VP134205
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2251-03	BP-VPB-182-GW-760-7	VN086929.D	10 Jun 2025 15:22	vial A pH<2	JC\MD	Ok
19	IBLK	IBLK	VN086930.D	10 Jun 2025 15:43		JC\MD	Ok
20	IBLK	IBLK	VN086931.D	10 Jun 2025 16:05		JC\MD	Ok
21	Q2251-01	BP-VPB-182-TB-20250	VN086932.D	10 Jun 2025 16:26	vial A pH<2 TB	JC\MD	Ok
22	Q2251-05	BP-VPB-182-EB-20250	VN086933.D	10 Jun 2025 16:48	vial B pH<2 EB	JC\MD	Ok
23	Q2202-01	MW-9-20250603	VN086934.D	10 Jun 2025 17:09	vial A pH<2	JC\MD	Ok
24	Q2202-02	MW-11-20250603	VN086935.D	10 Jun 2025 17:31	vial A pH<2	JC\MD	Ok
25	Q2202-03	MW-12-20250603	VN086936.D	10 Jun 2025 17:52	vial A pH<2 Need 5X	JC\MD	Dilution
26	Q2279-01	301-469-5TH-AVE	VN086937.D	10 Jun 2025 18:14	vial A pH<2	JC\MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VN086938.D	10 Jun 2025 18:57		JC\MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086939.D	11 Jun 2025 10:22		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN086940.D	11 Jun 2025 11:32	pH#Lot#V12668	JC\MD	Ok,M
3	VN0611MBL01	VN0611MBL01	VN086941.D	11 Jun 2025 12:06		JC\MD	Ok
4	VN0611WBL01	VN0611WBL01	VN086942.D	11 Jun 2025 12:28		JC\MD	Ok
5	VN0611WBS01	VN0611WBS01	VN086943.D	11 Jun 2025 12:50	Recovery fail	JC\MD	Not Ok
6	VN0611WBS02	VN0611WBS02	VN086944.D	11 Jun 2025 13:27		JC\MD	Ok,M
7	VN0611WBSD02	VN0611WBSD02	VN086945.D	11 Jun 2025 14:01		JC\MD	Ok,M
8	Q2251-06	VPB182-HYD-2025060	VN086946.D	11 Jun 2025 14:22	vial A pH<2	JC\MD	Ok
9	Q2202-03DL	MW-12-20250603DL	VN086947.D	11 Jun 2025 14:44	vial B pH<2	JC\MD	Ok,M
10	Q2250-01DL	MW-11A-13.5-060525D	VN086948.D	11 Jun 2025 15:06	vial B pH<2	JC\MD	Ok
11	Q2202-06	TB-20250603	VN086949.D	11 Jun 2025 15:28	vial A pH<2 TB	JC\MD	Ok
12	Q2189-01	MW-7-20250602	VN086950.D	11 Jun 2025 15:50	vial B pH<2	JC\MD	Ok
13	Q2202-05	MW-1A-20250603	VN086951.D	11 Jun 2025 16:12	vial A pH<2	JC\MD	Ok
14	Q2202-04	MW-130-20250603	VN086952.D	11 Jun 2025 16:35	vial A pH<2	JC\MD	Ok
15	Q2231-01	MW-10D-20250604	VN086953.D	11 Jun 2025 16:57	vial A pH<2	JC\MD	Ok
16	Q2231-02	MW-14-20250604	VN086954.D	11 Jun 2025 17:19	vial A pH<2	JC\MD	Ok,M
17	Q2231-03	MW-15-20250604	VN086955.D	11 Jun 2025 17:41	vial A pH<2	JC\MD	Ok
18	Q2231-04	MW-16D-20250604	VN086956.D	11 Jun 2025 18:04	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2231-05	MW-17-20250604	VN086957.D	11 Jun 2025 18:26	vial A pH<2	JC\MD	Ok
20	Q2231-06	TB-20250604	VN086958.D	11 Jun 2025 18:48	vial A pH<2 TB	JC\MD	Ok
21	Q2210-01	TW1	VN086959.D	11 Jun 2025 19:10	vial A pH<2	JC\MD	Ok
22	Q2209-01	P01W	VN086960.D	11 Jun 2025 19:33	vial A pH<2	JC\MD	Ok
23	IBLK	IBLK	VN086961.D	11 Jun 2025 19:55		JC\MD	Ok
24	IBLK	IBLK	VN086962.D	11 Jun 2025 20:17		JC\MD	Ok
25	Q2263-01	RW9-MW01D3-202506	VN086963.D	11 Jun 2025 20:39	vial A pH<2	JC\MD	Ok
26	Q2263-02	RW9-MW01S-2025060	VN086964.D	11 Jun 2025 21:01	vial A pH<2	JC\MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VN086965.D	11 Jun 2025 21:23		JC\MD	Ok,M

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM		
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022488.D	02 Jun 2025 08:31		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022489.D	02 Jun 2025 09:08	Need ICAL	SY/MD	Not Ok
3	VY0602SBL01	VY0602SBL01	VY022490.D	02 Jun 2025 10:38		SY/MD	Not Ok
4	VSTDICC005	VSTDICC005	VY022491.D	02 Jun 2025 11:46		SY/MD	Ok,M
5	VSTDICC010	VSTDICC010	VY022492.D	02 Jun 2025 12:09		SY/MD	Ok,M
6	VSTDICC020	VSTDICC020	VY022493.D	02 Jun 2025 12:32		SY/MD	Ok,M
7	VSTDICCC050	VSTDICCC050	VY022494.D	02 Jun 2025 12:54		SY/MD	Ok,M
8	VSTDICC100	VSTDICC100	VY022495.D	02 Jun 2025 13:17		SY/MD	Ok,M
9	VSTDICC150	VSTDICC150	VY022496.D	02 Jun 2025 13:39		SY/MD	Ok,M
10	VIBLK	VIBLK	VY022497.D	02 Jun 2025 14:03		SY/MD	Ok
11	VSTDICV050	ICVVY060225	VY022498.D	02 Jun 2025 14:59	Icv Fail For DOD For Com.# 18	SY/MD	Ok,M
12	VY0602SBL02	VY0602SBL02	VY022499.D	02 Jun 2025 16:00		SY/MD	Ok
13	VY0602SBS01	VY0602SBS01	VY022500.D	02 Jun 2025 16:24		SY/MD	Ok,M
14	VY0602SBSD01	VY0602SBSD01	VY022501.D	02 Jun 2025 16:47		SY/MD	Ok,M
15	Q2160-02	TP04-MHG-VOC	VY022502.D	02 Jun 2025 17:10	vial A	SY/MD	Ok
16	Q2152-01	OK-02-05292025	VY022503.D	02 Jun 2025 17:34	Not Purged,vial B	SY/MD	Not Ok
17	Q2153-01RE	TR-04-0592025RE	VY022504.D	02 Jun 2025 17:57	Surrogate Fail;Internal Standard Fail, vial B	SY/MD	Confirms

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM		
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2147-02	VOC	VY022505.D	02 Jun 2025 18:21	Not purge,vial B	SY/MD	Not Ok
19	Q2150-02	TP-42	VY022506.D	02 Jun 2025 18:44	vial B	SY/MD	Ok
20	Q2150-05RE	TP-47RE	VY022507.D	02 Jun 2025 19:08	Internal Standard Fail,vial B	SY/MD	Confirms
21	Q2161-01	B27-SOIL-SAMPLE	VY022508.D	02 Jun 2025 19:31	vial-B,Internal Standard Fail; Surrogate Fail	SY/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VY022509.D	02 Jun 2025 19:54		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY061125

Review By	Mahesh Dadoda	Review On	6/12/2025 3:52:04 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:23 PM		
SubDirectory	VY061125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y060225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134249
Initial Calibration Stds	
CCC	VP134250,VP134251
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022651.D	11 Jun 2025 09:22		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022652.D	11 Jun 2025 09:59		SY/MD	Ok,M
3	VY0611SBL01	VY0611SBL01	VY022653.D	11 Jun 2025 10:30		SY/MD	Ok
4	VY0611SBS01	VY0611SBS01	VY022654.D	11 Jun 2025 11:01		SY/MD	Ok,M
5	VY0611SBSD01	VY0611SBSD01	VY022655.D	11 Jun 2025 11:23		SY/MD	Ok,M
6	Q2259-03	OU4-PCS-TC-37-06052	VY022656.D	11 Jun 2025 12:01	vial-B	SY/MD	Ok
7	Q2259-01	OU4-PCS-TC-36-06052	VY022657.D	11 Jun 2025 12:24	vial-B Surrogate Fail	SY/MD	Ok
8	Q2251-07	BP-VPB-182-GW-780-7	VY022658.D	11 Jun 2025 12:48	vial-B	SY/MD	Ok
9	Q2280-01	VNJ-210	VY022659.D	11 Jun 2025 13:11	vial-B	SY/MD	Ok
10	Q2280-03	RT-4643	VY022660.D	11 Jun 2025 13:34	vial-B	SY/MD	Ok
11	Q2283-01	MOO-25-0166-MOO-25	VY022661.D	11 Jun 2025 13:58	vial-B	SY/MD	Ok
12	Q2286-01	LAW-25-0082-LAW-250	VY022662.D	11 Jun 2025 14:21	vial-A Internal Standard Fail; Need MEOH	SY/MD	Dilution
13	VIBLK	VIBLK	VY022663.D	11 Jun 2025 14:45		SY/MD	Ok
14	VSTDCCC050	VSTDCCC050EC	VY022664.D	11 Jun 2025 15:07		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/9/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:25
In Date: 06/06/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 06/07/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB136040

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2246-01	BU-03-060525	1	1.15	10.12	11.27	11.17	99.0	
Q2246-02	BU-03-060525	2	1.19	10.04	11.23	11.1	98.7	
Q2247-01	GAS-PIPE-1	3	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2247-02	GAS-PIPE-2	4	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2248-01	TR-05-060525	5	1.18	10.36	11.54	10.88	93.6	
Q2248-02	TR-05-060525-E2	6	1.13	10.59	11.72	10.74	90.7	
Q2251-07	BP-VPB-182-GW-780-782	7	1.12	10.70	11.82	2.46	12.5	sludge sample
Q2258-05	SVOC-GPC-BLANK	8	1.00	1.00	2.00	2.00	100.0	
Q2258-06	PEST-GPC-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q2258-07	PEST-GPC-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q2258-08	PCB-GPC-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q2258-09	PCB-GPC-BLANK-SPIKE	12	1.00	1.00	2.00	2.00	100.0	
Q2258-10	SVOC-GPC2-BLANK	13	1.00	1.00	2.00	2.00	100.0	
Q2258-11	PEST-GPC2-BLANK	14	1.00	1.00	2.00	2.00	100.0	
Q2258-12	PEST-GPC2-BLANK-SPIKE	15	1.00	1.00	2.00	2.00	100.0	
Q2258-13	PCB-GPC2-BLANK	16	1.00	1.00	2.00	2.00	100.0	
Q2258-14	PCB-GCP2-BLANK-SPIKE	17	1.00	1.00	2.00	2.00	100.0	
Q2259-01	OU4-PCS-TC-36-060525	18	1.14	10.79	11.93	11.31	94.3	
Q2259-03	OU4-PCS-TC-37-060525	19	1.14	10.14	11.28	10.7	94.3	
Q2259-05	OU4-TS-29-060525	20	1.18	10.17	11.35	8.87	75.6	
Q2259-06	OU4-TS-30-060525	21	1.14	10.73	11.87	9.62	79.0	
Q2260-01	TP10-MHG-WC	22	1.13	10.84	11.97	10.95	90.6	
Q2260-02	TP10-MHG-VOC	23	1.16	10.66	11.82	10.84	90.8	
Q2260-03	TP10-MHG-EPH	24	1.13	10.75	11.88	10.68	88.8	
Q2262-01	ARS20-0032	25	1.14	11.40	12.54	12.22	97.2	
Q2262-03	ARS20-0001	26	1.18	9.85	11.03	10.38	93.4	
Q2265-01	TP-MHL-WC	27	1.15	10.83	11.98	10.43	85.7	
Q2265-02	TP-MHL-VOC	28	1.14	10.32	11.46	9.7	82.9	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/9/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:25
In Date: 06/06/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 06/07/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB136040

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2265-03	TP-MHL-EPH	29	1.18	10.48	11.66	9.77	82.0	
Q2266-01	WC-3	30	1.16	10.74	11.9	10.68	88.6	
Q2266-02	WC-3-EPH	31	1.15	11.18	12.33	10.15	80.5	
Q2266-03	WC-3-VOC	32	1.13	10.74	11.87	10.02	82.8	
Q2266-05	WC-4	33	1.19	10.47	11.66	10.36	87.6	
Q2266-06	WC-4-EPH	34	1.15	10.46	11.61	10.31	87.6	
Q2266-07	WC-4-VOC	35	1.19	10.71	11.9	10.74	89.2	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VP 136040

WorkList Name : %1-060625 **WorkList ID :** 189986 **Department :** Wet-Chemistry **Date :** 06-06-2025 08:11:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2246-01	BU-03-060525	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	06/05/2025	Chemtech -SO
Q2246-02	BU-03-060525	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	06/05/2025	Chemtech -SO
Q2247-01	GAS-PIPE-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	06/05/2025	Chemtech -SO
Q2247-02	GAS-PIPE-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	06/05/2025	Chemtech -SO
Q2248-01	TR-05-060525	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	06/05/2025	Chemtech -SO
Q2248-02	TR-05-060525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	06/05/2025	Chemtech -SO
Q2251-07	BP-VPB-182-GW-780-782	Solid	Percent Solids	Cool 4 deg C	TETR06	L31	06/04/2025	Chemtech -SO
Q2258-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	05/30/2025	Chemtech -SO
Q2258-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	05/30/2025	Chemtech -SO
Q2258-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	05/30/2025	Chemtech -SO
Q2258-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	05/30/2025	Chemtech -SO
Q2258-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	05/30/2025	Chemtech -SO
Q2258-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	05/30/2025	Chemtech -SO
Q2258-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	05/30/2025	Chemtech -SO
Q2258-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	05/30/2025	Chemtech -SO
Q2258-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	05/30/2025	Chemtech -SO
Q2258-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	05/30/2025	Chemtech -SO
Q2259-01	OU4-PCS-TC-36-060525	Solid	Percent Solids	Cool 4 deg C	NOBI03	D21	06/05/2025	Chemtech -SO
Q2259-03	OU4-PCS-TC-37-060525	Solid	Percent Solids	Cool 4 deg C	NOBI03	D21	06/05/2025	Chemtech -SO
Q2259-05	OU4-TS-29-060525	Solid	Percent Solids	Cool 4 deg C	NOBI03	D21	06/05/2025	Chemtech -SO
Q2259-06	OU4-TS-30-060525	Solid	Percent Solids	Cool 4 deg C	NOBI03	D21	06/05/2025	Chemtech -SO

Date/Time 06/06/25 15:20

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 06/06/25 17:30

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

VB136040

WorkList Name : %1-060625 **WorkList ID :** 189986 **Department :** Wet-Chemistry **Date :** 06-06-2025 08:11:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2260-01	TP10-MHG-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	06/06/2025	Chemtech -SO
Q2260-02	TP10-MHG-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	06/06/2025	Chemtech -SO
Q2260-03	TP10-MHG-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	06/06/2025	Chemtech -SO
Q2262-01	ARS20-0032	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/06/2025	Chemtech -SO
Q2262-03	ARS20-0001	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	06/06/2025	Chemtech -SO
Q2265-01	TP-MHL-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/06/2025	Chemtech -SO
Q2265-02	TP-MHL-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/06/2025	Chemtech -SO
Q2265-03	TP-MHL-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/06/2025	Chemtech -SO
Q2266-01	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/06/2025	Chemtech -SO
Q2266-02	WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/06/2025	Chemtech -SO
Q2266-03	WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/06/2025	Chemtech -SO
Q2266-05	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/06/2025	Chemtech -SO
Q2266-06	WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/06/2025	Chemtech -SO
Q2266-07	WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/06/2025	Chemtech -SO

Date/Time 06/06/25 15:20
Raw Sample Received by: JB WC
Raw Sample Relinquished by: SH

Date/Time 06/06/25 17:30
Raw Sample Received by: SH
Raw Sample Relinquished by:

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Prep Standard - Chemical Standard Summary

Order ID : Q2251

Test : VOCMS Group1

Prepbatch ID :

Sequence ID/Qc Batch ID: VN061025,vn061125,vy061125,

Standard ID :
VP133174,VP133175,VP133887,VP133888,VP133934,VP133935,VP133953,VP133991,VP133995,VP134142,VP134147,VP134149,VP134150,VP134203,VP134204,VP134205,VP134249,VP134250,VP134251,VP134284,VP134285,VP134286,

Chemical ID :
V13391,V13706,V14290,V14432,V14435,V14503,V14504,V14525,V14526,V14613,V14620,V14626,V14636,V14637,V14638,V14639,V14668,V14671,V14673,V14675,V14711,V14717,V14718,V14721,V14749,V14750,V14811,V14812,V14843,V14921,V14929,V14944,V14945,V14946,V14947,W3112,

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Fax : 908 789 8922

VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
617	8260 Surrogate, 400PPM	VP133174	02/27/2025	08/27/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 03/04/2025

FROM 0.40000ml of V13706 + 24.60000ml of V14613 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
249	8260 Surrogate, 100PPM	VP133175	02/27/2025	08/27/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 03/04/2025

FROM 0.10000ml of V13706 + 24.90000ml of V14613 = Final Quantity: 25.000 ml

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Fax : 908 789 8922

VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
257	8260 Calibration Working STD Mix-First source, 160PPM	VP133887	05/12/2025	06/23/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/14/2025

FROM 0.40000ml of V14843 + 1.00000ml of V14432 + 1.00000ml of V14435 + 1.00000ml of V14503 + 1.00000ml of V14504 + 1.00000ml of V14525 + 1.00000ml of V14526 + 1.00000ml of V14711 + 1.00000ml of V14717 + 1.00000ml of V14718 + 1.00000ml of V14721 + 1.00000ml of V14749 + 1.00000ml of V14750 + 1.00000ml of V14811 + 1.00000ml of V14812 + 10.60000ml of V14921 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
244	8260 Calibration Working STD Mix-First source, 100PPM	VP133888	05/12/2025	06/23/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/14/2025

FROM 5.62500ml of V14921 + 9.37500ml of VP133887 = Final Quantity: 15.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1917	8260 Internal standard 50 ppm	VP133934	05/16/2025	11/12/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/21/2025

FROM 0.10000ml of V14290 + 49.90000ml of V14921 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
247	8260 Internal Standard, 250PPM	VP133935	05/16/2025	11/12/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/21/2025

FROM 0.25000ml of V14290 + 24.75000ml of V14921 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP133953	05/19/2025	11/09/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/21/2025

FROM 0.25000ml of V13391 + 24.75000ml of V14626 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP133991	05/22/2025	06/19/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/24/2025

FROM 1.00000ml of V14944 + 1.00000ml of V14945 + 1.00000ml of V14946 + 1.00000ml of V14947 + 21.00000ml of V14620 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
56	8260 Working STD (Acrolein) -first source, 500PPM	VP133995	05/22/2025	06/19/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/24/2025

FROM 5.62500ml of V14620 + 9.37500ml of VP133991 = Final Quantity: 15.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
719	8260 Working STD (BCM)-First source, 400PPM	VP134142	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14668 + 1.00000ml of V14671 + 1.00000ml of V14673 + 1.00000ml of V14675 + 16.00000ml of V14929 = Final Quantity: 20.000 ml

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Fax : 908 789 8922

VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
252	8260 Working STD (BCM)-First source, 100PPM	VP134147	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14673 + 19.00000ml of V14929 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1810	8260 Working Std(2-CVE)-800ppm	VP134149	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14636 + 1.00000ml of V14637 + 1.00000ml of V14638 + 1.00000ml of V14639 + 46.00000ml of V14929 = Final Quantity: 50.000 ml

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Fax : 908 789 8922

VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1811	8260 Working Std(2-CVE)-500ppm	VP134150	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 7.50000ml of V14929 + 12.50000ml of VP134149 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP134203	06/10/2025	06/11/2025	John Carlone	None	None	Mahesh Dadoda 06/10/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP133953 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP134204	06/10/2025	06/11/2025	John Carlone	None	None	Mahesh Dadoda 06/10/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP133174 + 0.00500ml of VP134142 + 0.00800ml of VP133935 + 0.01250ml of VP133887 + 0.01250ml of VP133991 + 0.01250ml of VP134149 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP134205	06/10/2025	06/11/2025	John Carlone	None	None	Mahesh Dadoda 06/10/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP133174 + 0.00500ml of VP134142 + 0.00800ml of VP133935 + 0.01250ml of VP133887 + 0.01250ml of VP133991 + 0.01250ml of VP134149 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
732	BFB TUNE CHECK - SOIL	VP134249	06/11/2025	06/12/2025	Amit Patel	None	None	Mahesh Dadoda 06/12/2025

FROM 4.99800ml of W3112 + 0.00200ml of VP133953 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
773	50 PPB CCC, 8260-SOIL	VP134250	06/11/2025	06/12/2025	Amit Patel	None	None	Mahesh Dadoda 06/12/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP133175 + 0.00250ml of VP133888 + 0.00250ml of VP133995 + 0.00250ml of VP134147 + 0.00250ml of VP134150 + 0.00500ml of VP133934 = Final Quantity: 5.000 ml

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Fax : 908 789 8922

VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
773	50 PPB CCC, 8260-SOIL	VP134251	06/11/2025	06/12/2025	Amit Patel	None	None	Mahesh Dadoda 06/12/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP133175 + 0.00250ml of VP133888 + 0.00250ml of VP133995 + 0.00250ml of VP134147 + 0.00250ml of VP134150 + 0.00500ml of VP133934 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP134284	06/11/2025	06/12/2025	John Carlone	None	None	Mahesh Dadoda 06/12/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP133953 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP134285	06/11/2025	06/12/2025	John Carlone	None	None	Mahesh Dadoda 06/12/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP133174 + 0.00500ml of VP134142 + 0.00800ml of VP133935 + 0.01250ml of VP133887 + 0.01250ml of VP133991 + 0.01250ml of VP134149 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP134286	06/11/2025	06/12/2025	John Carlone	None	None	Mahesh Dadoda 06/12/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP133174 + 0.00500ml of VP134142 + 0.00800ml of VP133935 + 0.01250ml of VP133887 + 0.01250ml of VP133991 + 0.01250ml of VP134149 = Final Quantity: 40.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30067 / BFB tuneing solution	A0191805	11/22/2025	11/22/2024 / SAM	01/13/2023 / SAM	V13391

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0196865	02/27/2026	02/27/2025 / SAM	04/12/2023 / SAM	V13706

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555581 / Custom Standard, 8260 Internal Std [CS 5179-1]	A0210184	12/12/2025	12/12/2024 / SAM	04/15/2024 / SAM	V14290

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	09/30/2025	05/12/2025 / SAM	08/15/2024 / SAM	V14432

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	09/20/2025	03/20/2025 / SAM	08/15/2024 / SAM	V14435

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	11/12/2025	05/12/2025 / SAM	09/17/2024 / SAM	V14503

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	11/12/2025	05/12/2025 / SAM	09/17/2024 / SAM	V14504

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	11/12/2025	05/12/2025 / SAM	09/18/2024 / SAM	V14525

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	11/12/2025	05/12/2025 / SAM	09/18/2024 / SAM	V14526

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	08/27/2025	02/27/2025 / SAM	11/26/2024 / SAM	V14613

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	10/25/2025	05/09/2025 / SAM	11/26/2024 / SAM	V14620

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	11/09/2025	05/09/2025 / SAM	11/26/2024 / SAM	V14626

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14636

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14637

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14638

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14639

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14668

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14671

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14673

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14675

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14711

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14717

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14718

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14721

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	11/13/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14749

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14750

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	11/12/2025	05/12/2025 / SAM	01/08/2025 / SAM	V14811

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	06/30/2026	05/12/2025 / SAM	01/08/2025 / SAM	V14812

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0217535	11/12/2025	05/12/2025 / SAM	01/21/2025 / SAM	V14843

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	11/12/2025	05/12/2025 / SAM	05/09/2025 / SAM	V14921

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	12/06/2025	06/06/2025 / SAM	05/09/2025 / SAM	V14929

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14944

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14945

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14946

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14947

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

12 Baxter

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier
Jamie Ethier
Vice President Global Quality

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

12 Baxter

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier
Jamie Ethier
Vice President Global Quality

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

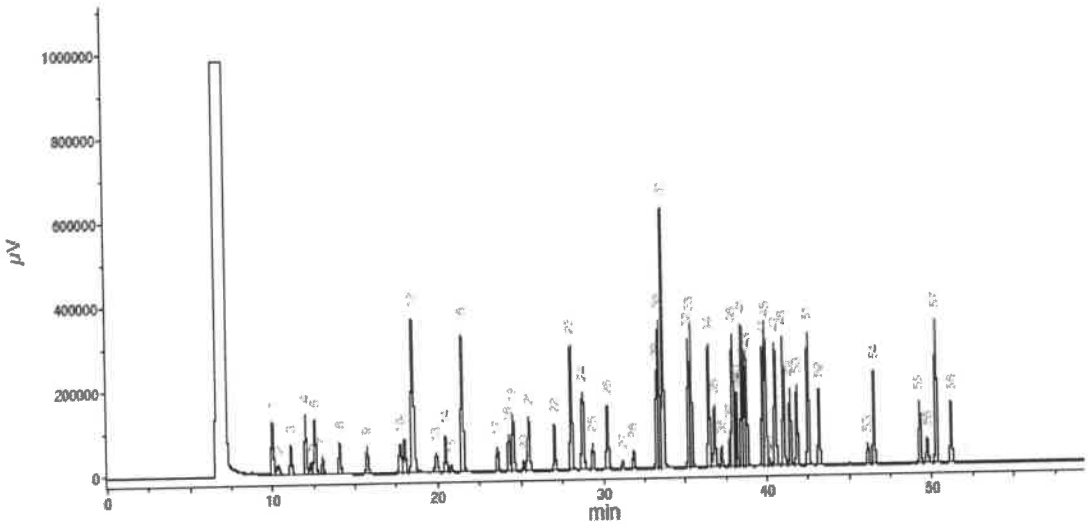
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4.	cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5.	trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13.	Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14.	2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15.	Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16.	1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17.	Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18.	Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.6	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43.	Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44.	1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50.	Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51.	Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52.	Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53.	1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54.	1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55.	1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56.	1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57.	m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58.	tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59.	sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60.	Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61.	2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62.	4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63.	1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64.	1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65.	1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66.	Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67.	n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68.	o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69.	p-Xylene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 (2000µg/mL in MeOH)"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	9.97
2	1,1,2-Trichloro-1,2,3-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	18.91
14	1,1-Dichloropropene	19.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.23
33	Styrene	35.30
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.82
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

Formulated By:	Prashant Chauhan	021624	DATE
Reviewed By:	Pedro L. Rentas	021624	DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 | 5E-05 Balance Uncertainty | 0.021 Flask Uncertainty

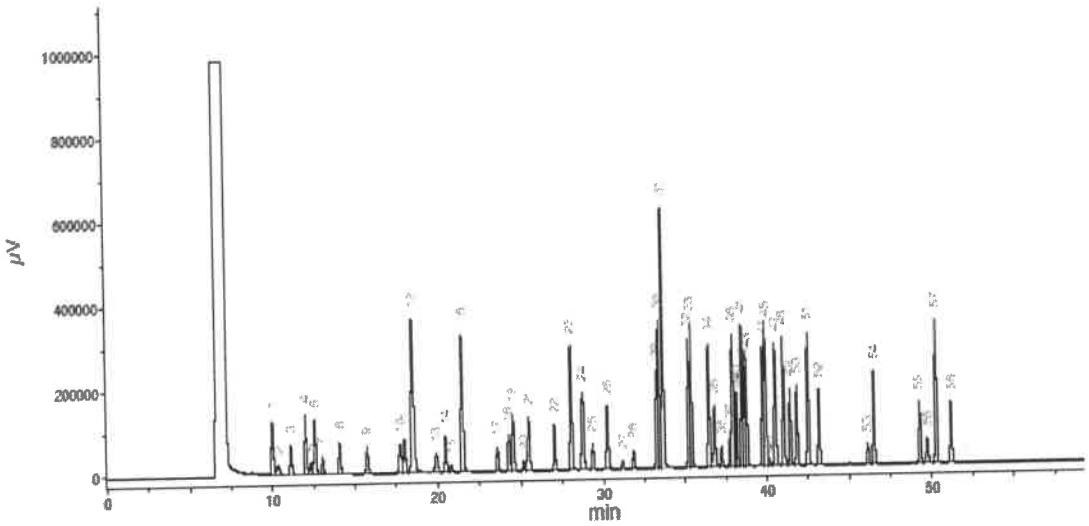
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4.	cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5.	trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13.	Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14.	2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15.	Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16.	1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17.	Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18.	Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.8	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43.	Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44.	1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50.	Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51.	Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52.	Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53.	1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54.	1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55.	1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56.	1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57.	m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58.	tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59.	sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60.	Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61.	2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62.	4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63.	1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64.	1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65.	1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66.	Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67.	n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68.	o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69.	p-Xylene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 [2000µg/mL in MeOH]"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	6.97
2	1,1,2-Trichloro-1,2,3-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	18.91
14	1,1-Dichloropropene	19.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.33
33	Styrene	35.50
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.12
50	1,4-Dichlorobenzene	41.33
51	n-Butylbenzene	42.52
52	1,2-Dichlorobenzene	42.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/24 2 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

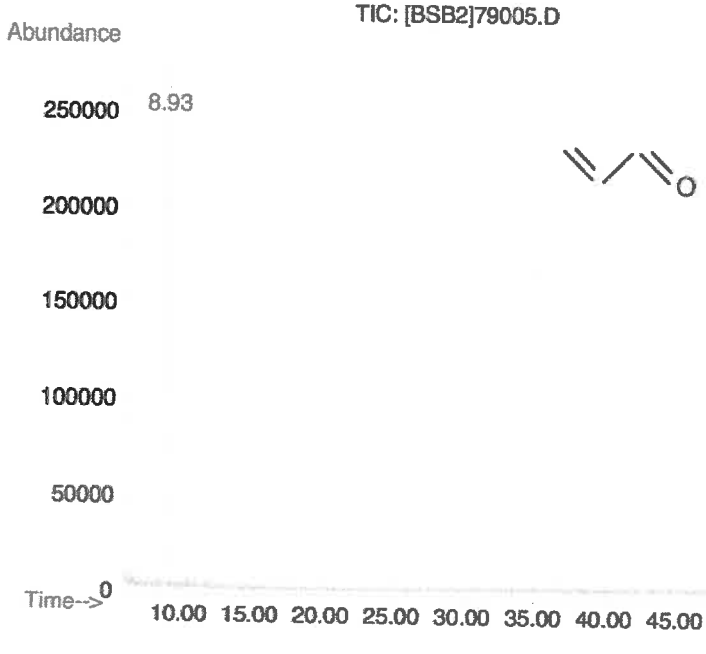
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

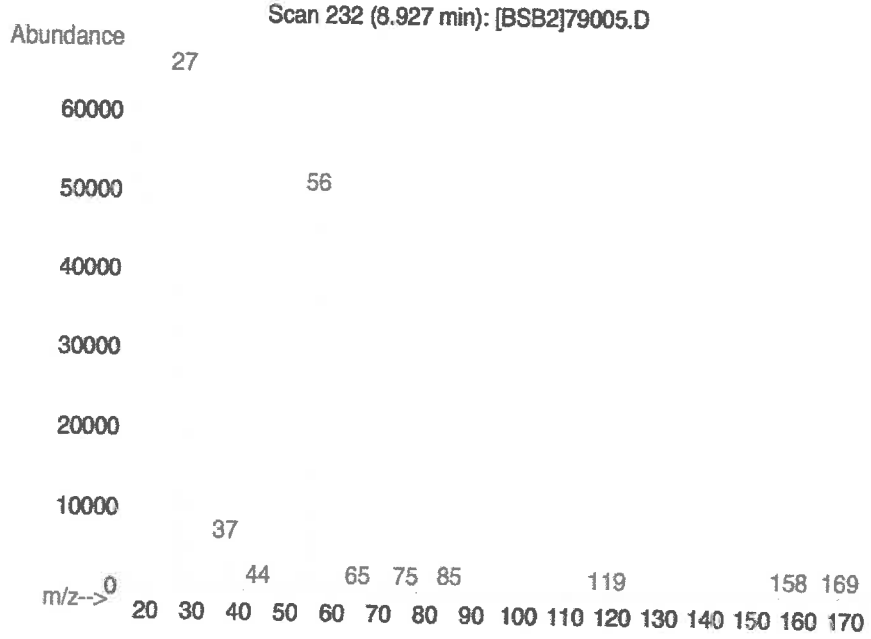
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Justin Dippold	091424
Formulated By: Justin Dippold	DATE
Pedro Rentas	091424
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Certified Reference Material CRM

Rec 09/16/24 2 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Numb
https://Absolutestandards.co...

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Justin Dippold	091424
Formulated By: Justin Dippold	DATE
Pedro Rentas	091424
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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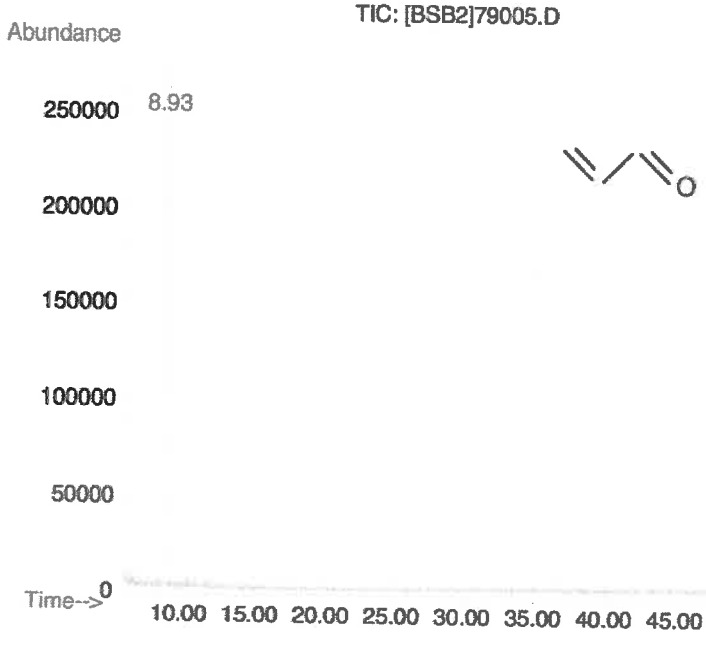
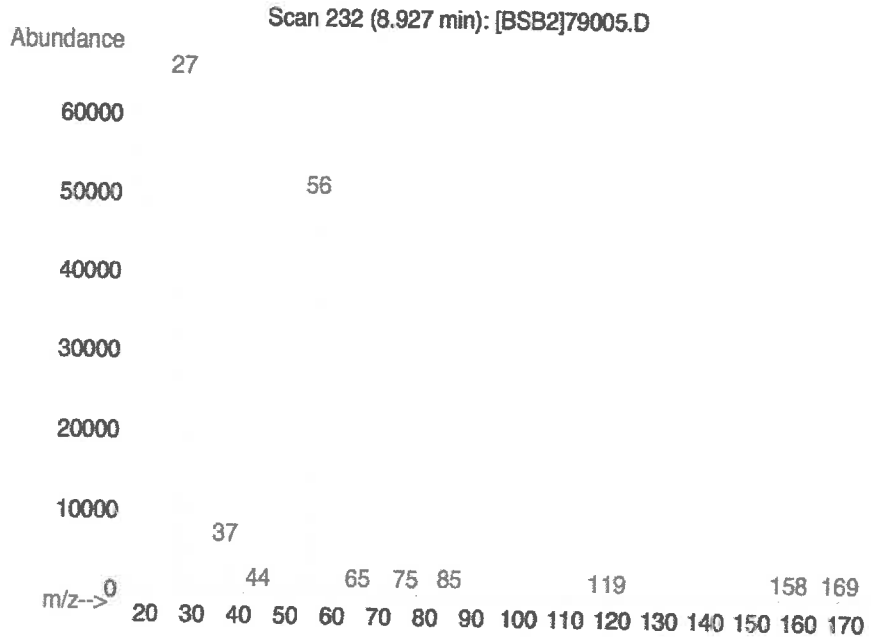
Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Absolute Standards, Inc.
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Certified Reference Material CRM

Exp 12/6/24
20 vial
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

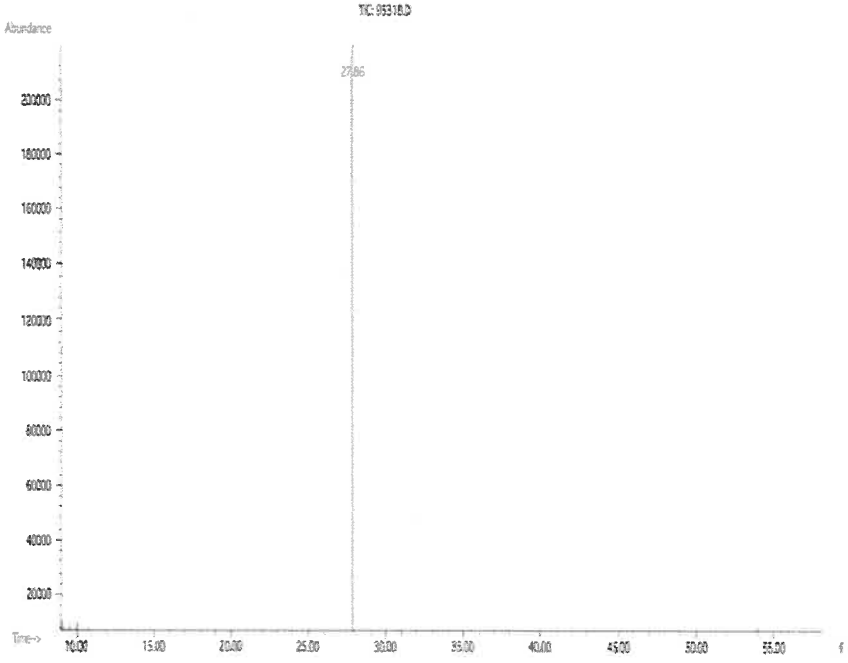
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

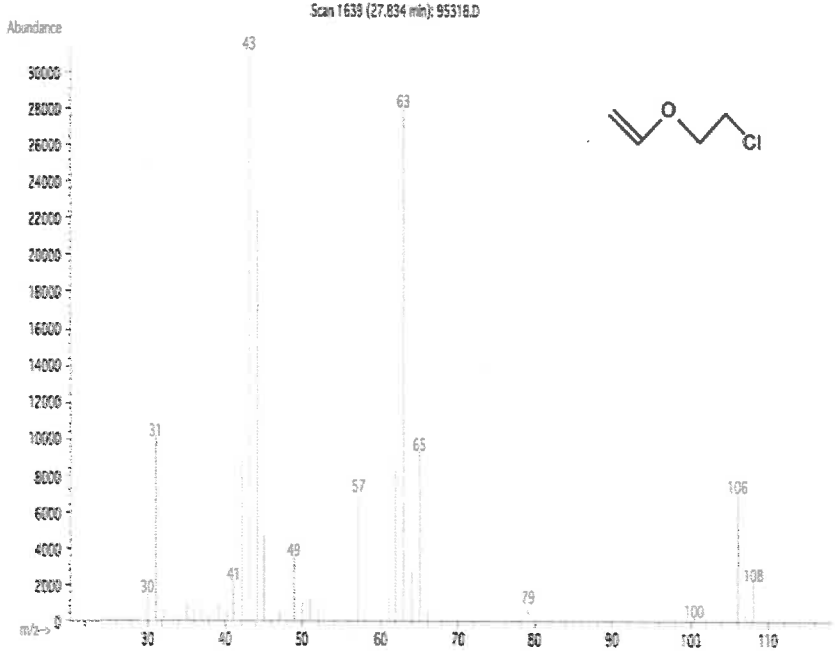
Weight(s) shown below were combined and diluted to (mL): 50.0

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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Dec 12/6/24
20 vial
V14630 to
V14649

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

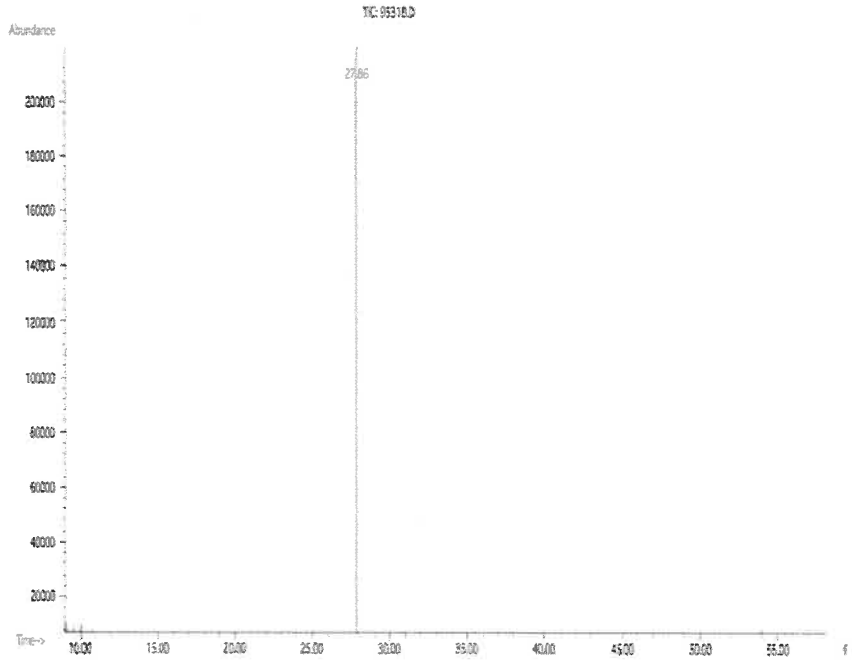
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

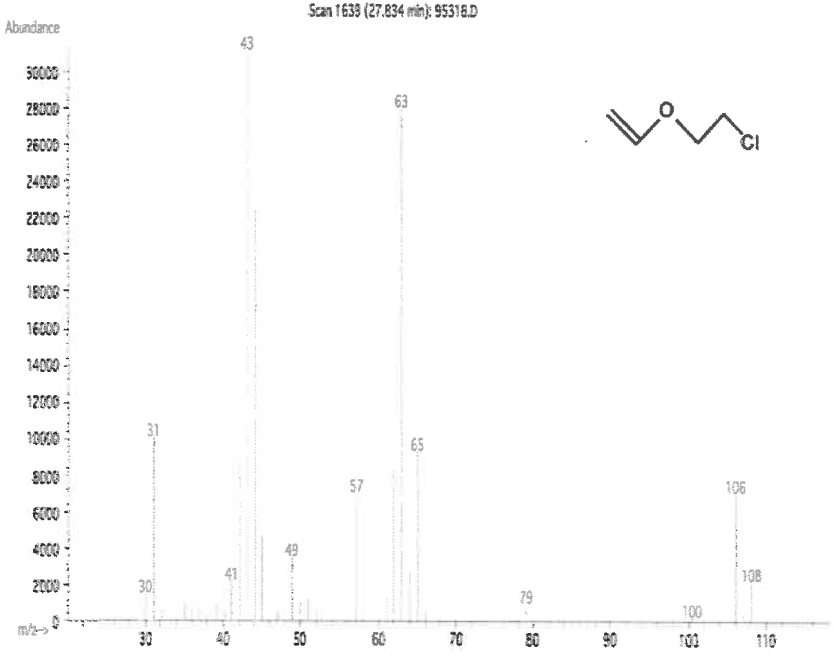
Weight(s) shown below were combined and diluted to (mL): 50.0

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

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Solubility in Water COMPLETE

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Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

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SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

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Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 12/6/24
20 vial
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

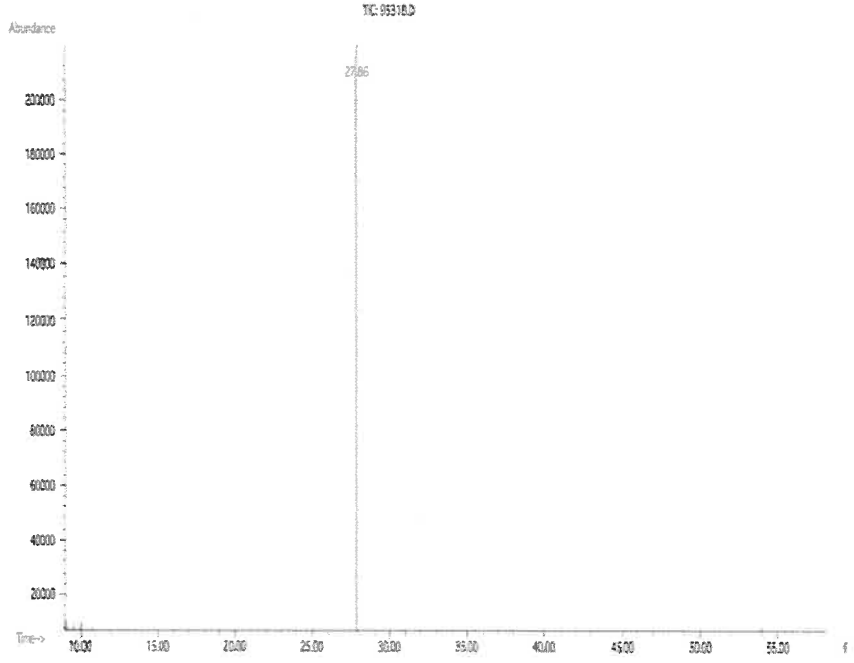
Solvent(s): Methanol **Lot#** EJ143-US

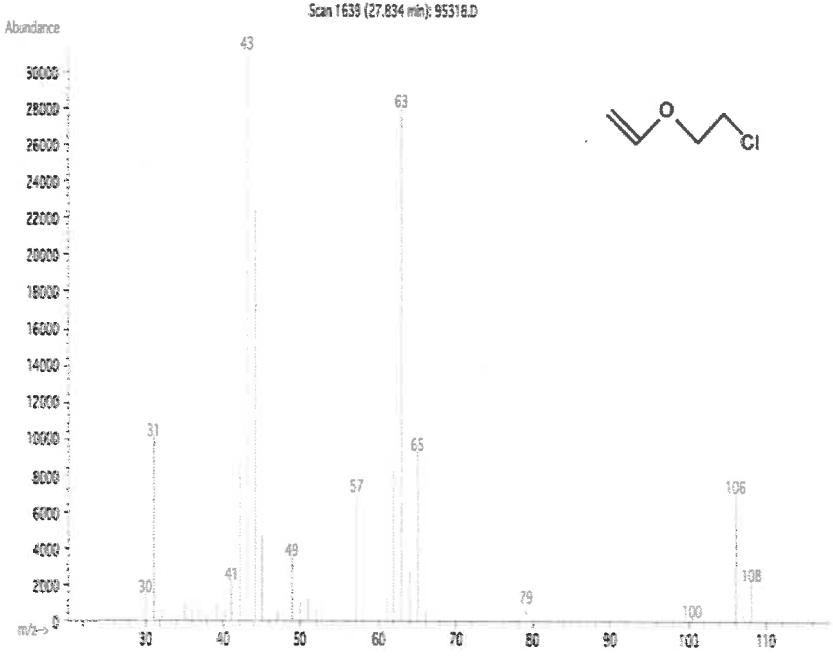
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — Vapours may form explosive mixture with air.
Conditions to avoid — Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid — Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
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Nominal Concentration (µg/mL): 10000
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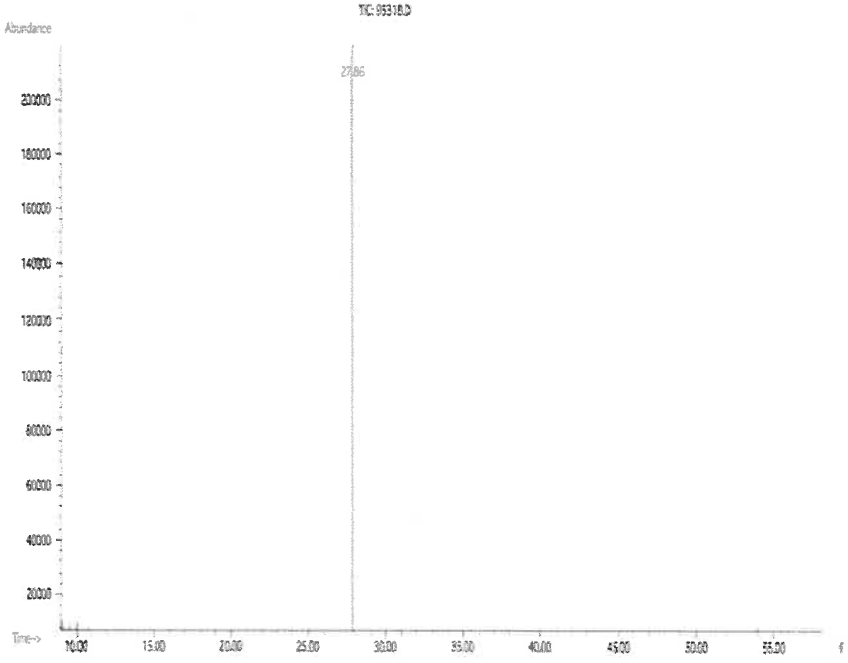

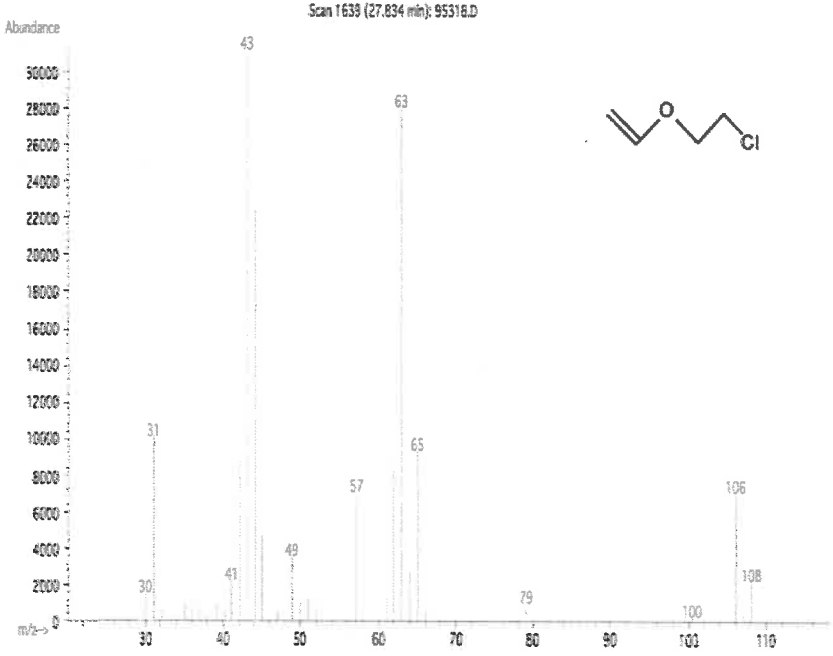

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UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

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UN number: 1230 Class: 3 Packing group: II
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RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30067 **Lot No.:** A0191805

Description : 4-Bromofluorobenzene Standard

4-Bromofluorobenzene Standard 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	2,483.9 µg/mL	+/- 139.5488

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

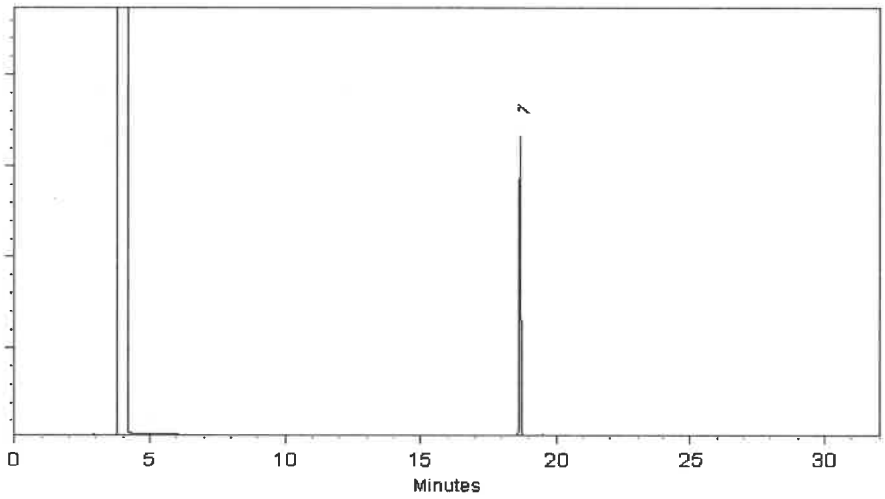
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Alicia Leathers - Operation Technician I

Date Mixed: 17-Nov-2022 **Balance Serial #** B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 21-Nov-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555582 **Lot No.:** A0196865

Description : Custom 8260A/B Surrogate Mix

Custom 8260A/B Surrogate Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2-Dichloroethane-d4	17060-07-0	PR-32845	99%	25,036.0 µg/mL	+/- 1,417.9179
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	25,132.0 µg/mL	+/- 1,423.3549
3	Dibromofluoromethane	1868-53-7	022013	99%	25,040.0 µg/mL	+/- 1,418.1445
4	Toluene-d8	2037-26-5	PR-33397	99%	25,028.0 µg/mL	+/- 1,417.4648

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 11-Apr-2023 **Balance:** 1127510105

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

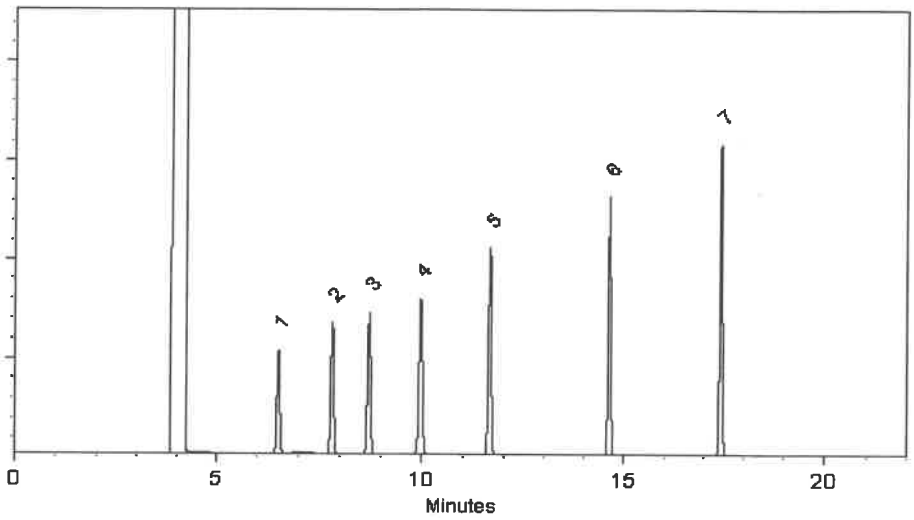
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity values are rounded to the nearest whole number.

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- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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Handling Notes:

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
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6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
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* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

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Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

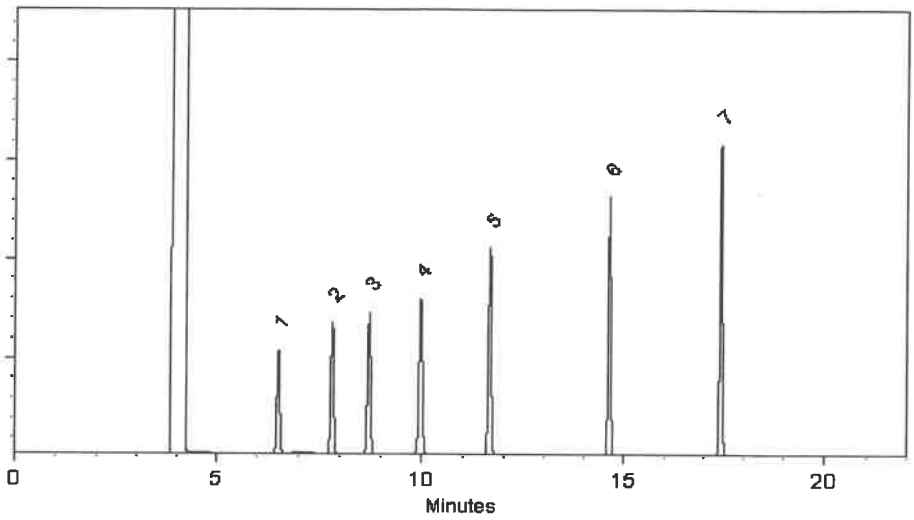
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555581 **Lot No.:** A0210184

Description : Custom 8260 Internal Standard Mix

Custom 8260 Internal Standard Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	25,212.0 µg/mL	+/- 1,427.8857
2	1,4-Difluorobenzene	540-36-3	MKCS8657	99%	25,220.0 µg/mL	+/- 1,428.3388
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	25,116.0 µg/mL	+/- 1,422.4487
4	Pentafluorobenzene	363-72-4	MKCR9383	99%	25,180.0 µg/mL	+/- 1,426.0734

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

John Friedline - Operations Technician I

Date Mixed: 11-Apr-2024 **Balance:** 1127510105

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 V.4

Certificate of Analysis

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V14697-to-14726

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Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

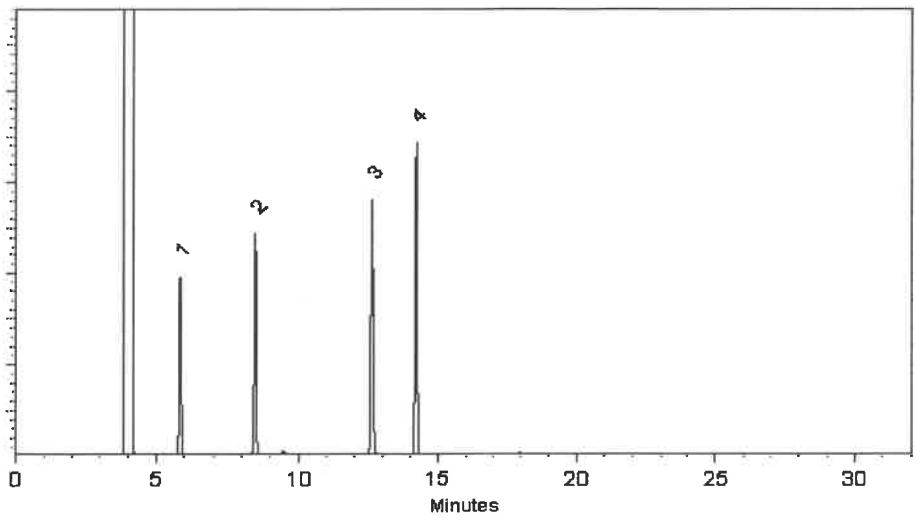
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

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Certificate #3222.01

ACCREDITED
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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

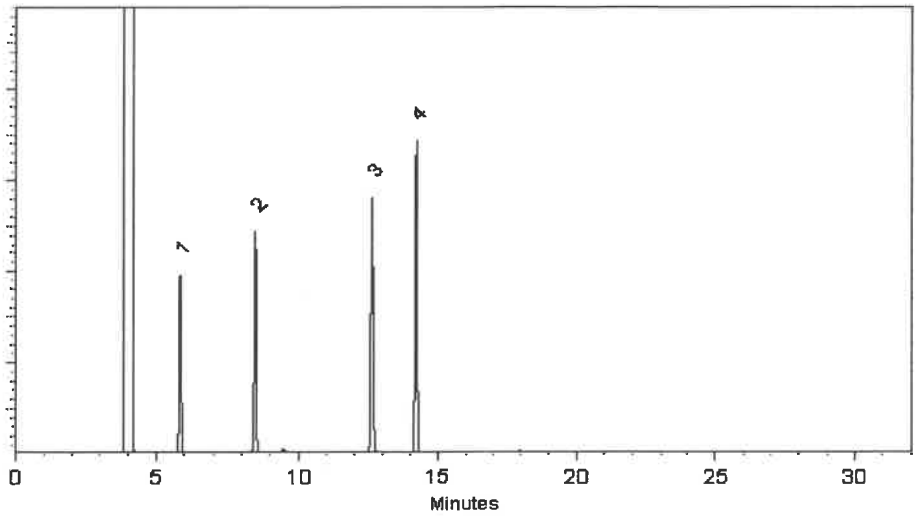
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

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Certificate #3222.01

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

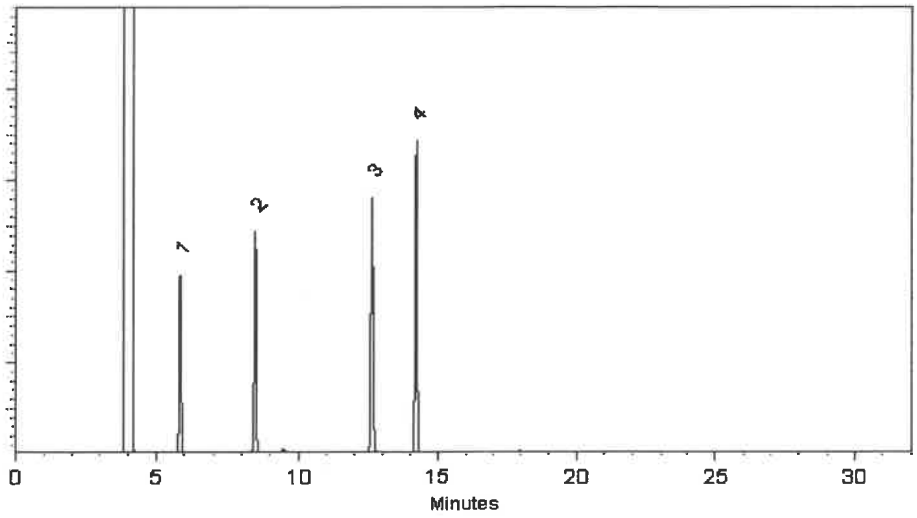
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

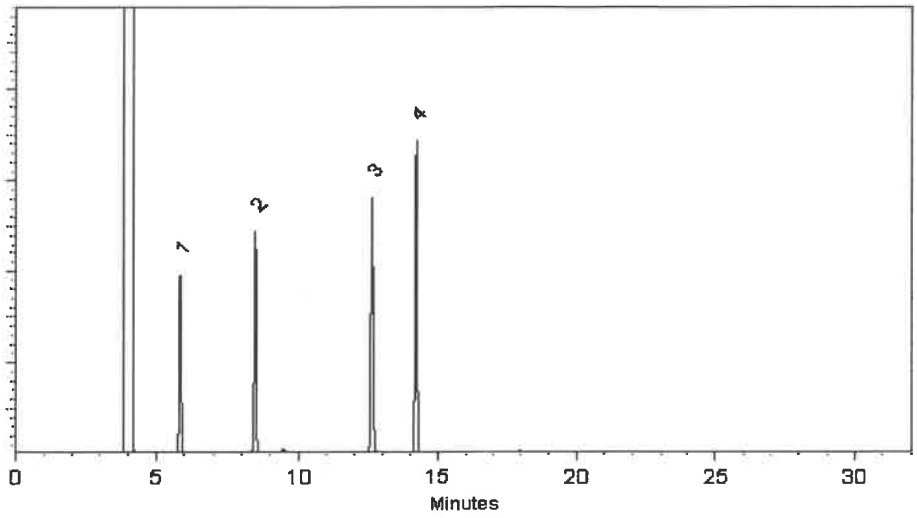
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Dec: 12/09/24

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Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

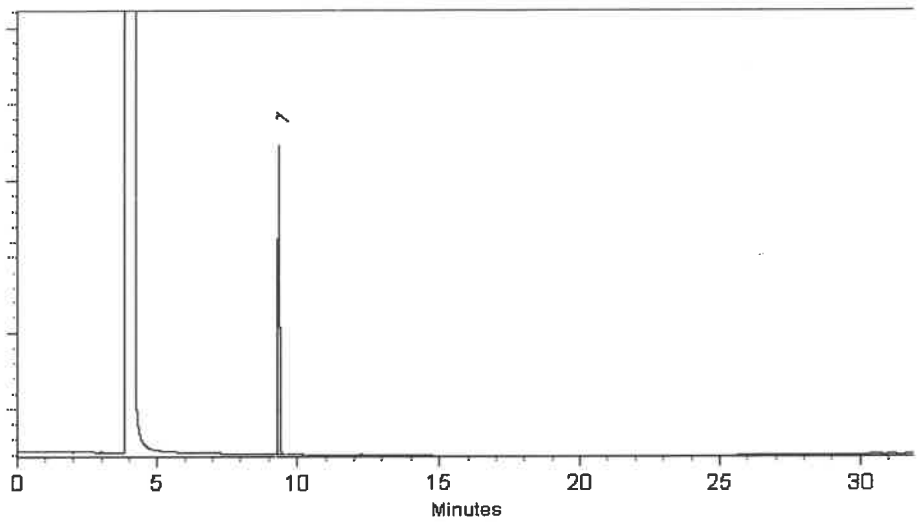
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Rec: 12/09/24

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

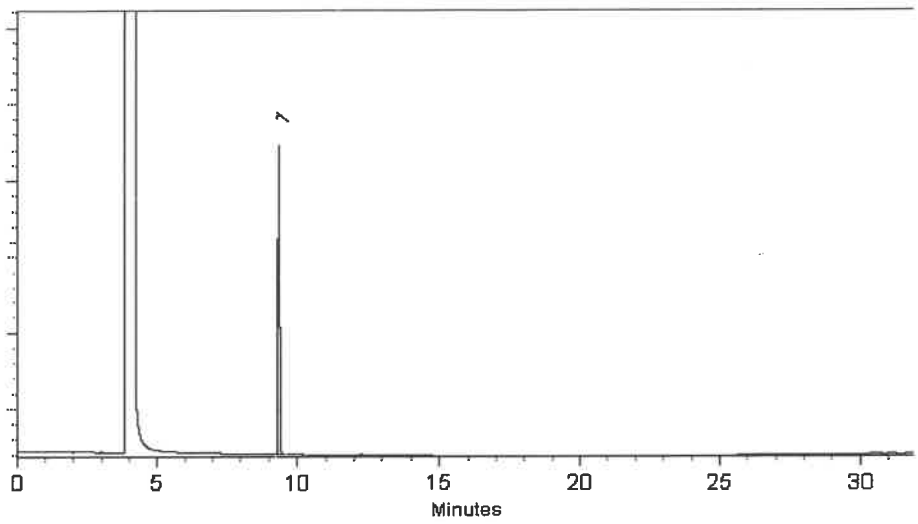
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Dec: 12/09/24

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

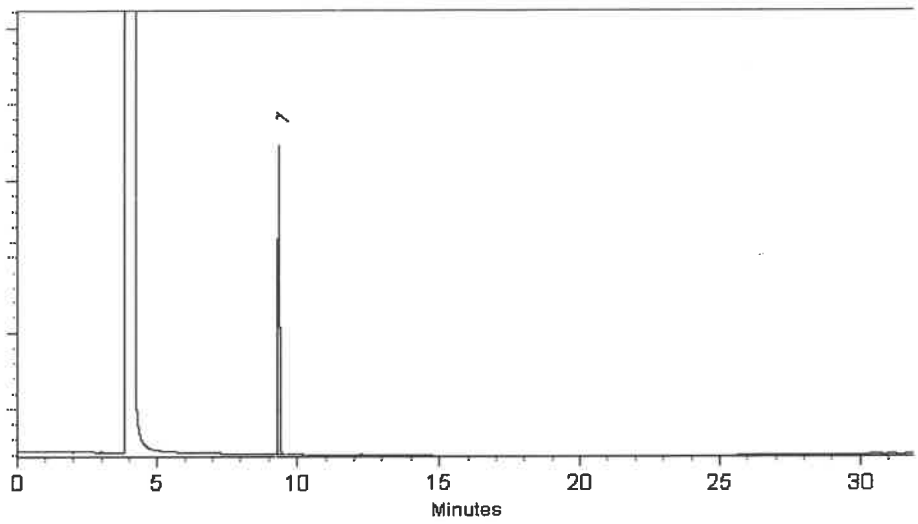
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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Manufacturing Notes:

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

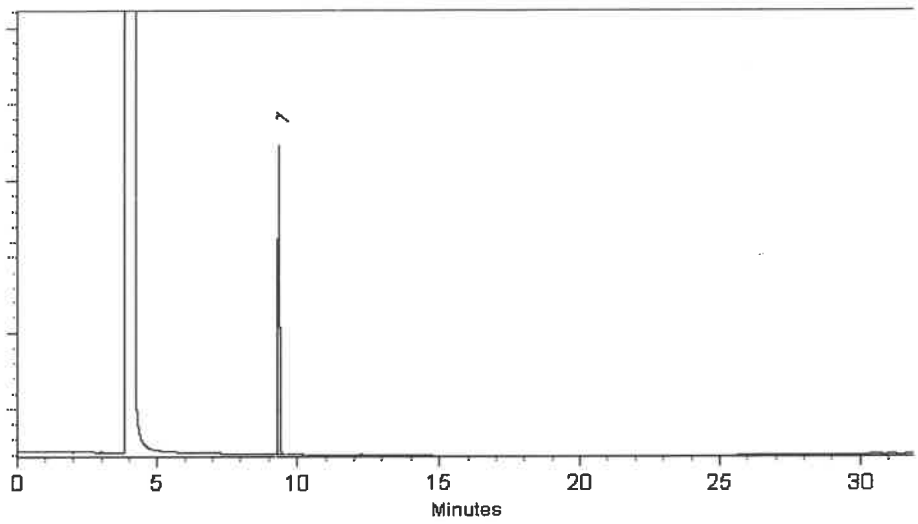
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 Vial

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chromatographic plus

V14727 to
V14756

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Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

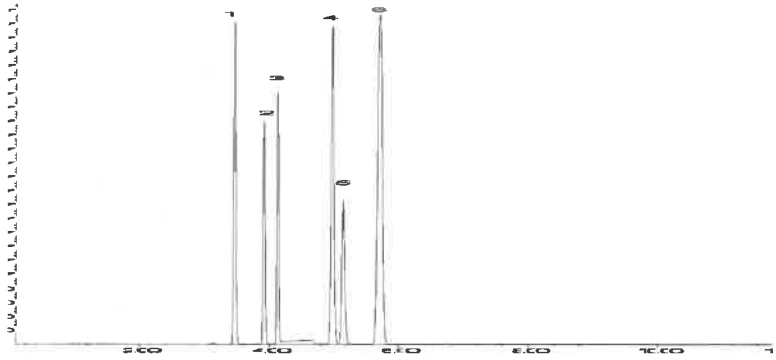
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

30 Vial

Certificate of Analysis

chromatographic plus

V14727 to
V14756

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
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6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

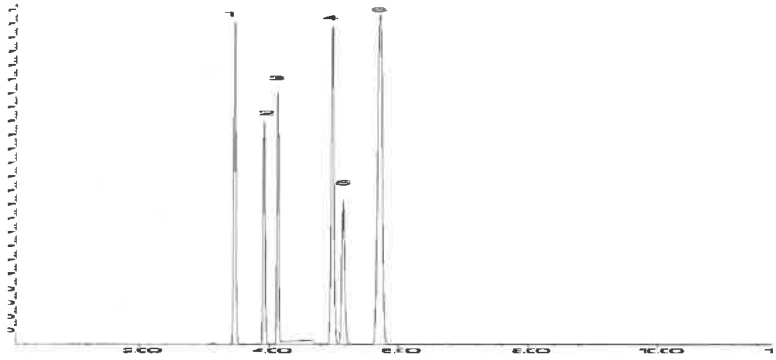
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

J14842 to 14846

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30470 **Lot No.:** A0217535

Description : tert-Butanol Standard

tert-Butanol Std 50,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butanol (TBA)	75-65-0	SHBQ8002-1	99%	50,007.5 µg/mL	+/- 717.6137

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

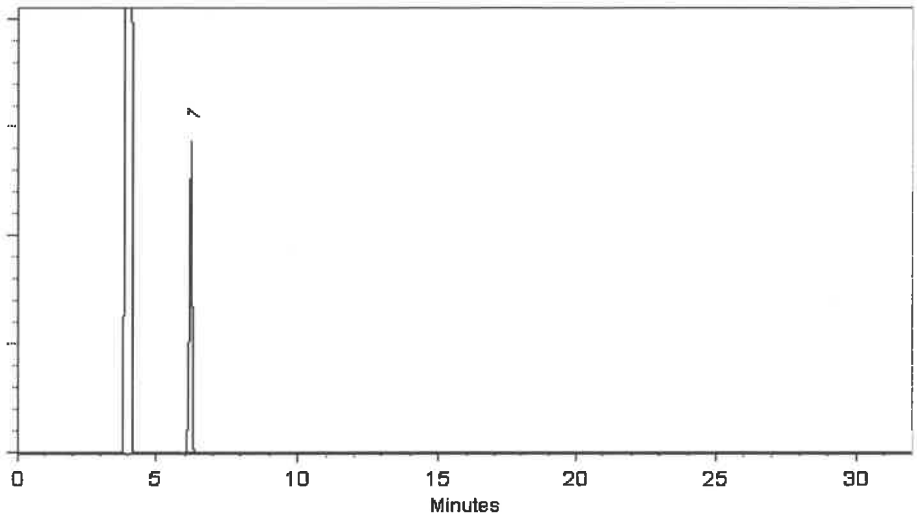
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart - Operations Tech I

Date Mixed: 07-Oct-2024 **Balance Serial #** B251644995

Brittany Federinko - Operations Tech I

Date Passed: 09-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Zoey Rec 01/08/21

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic

V14803 - V14822

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

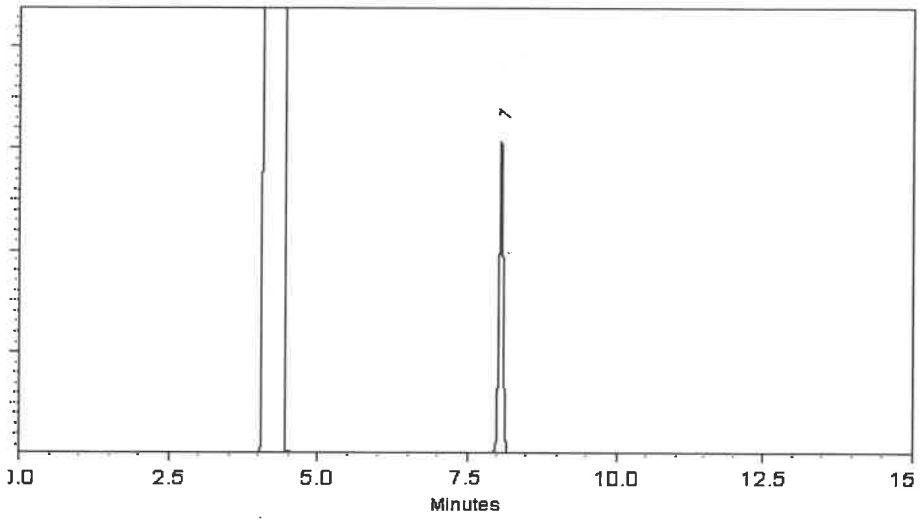
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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Certified Uncertainty Value Notes:

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Manufacturing Notes:

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Handling Notes:

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CERTIFIED REFERENCE MATERIAL

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Reference Material Producer
Certificate #3222.01
ilac-MRA
A2LA ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic

VI4803 - VI4822

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

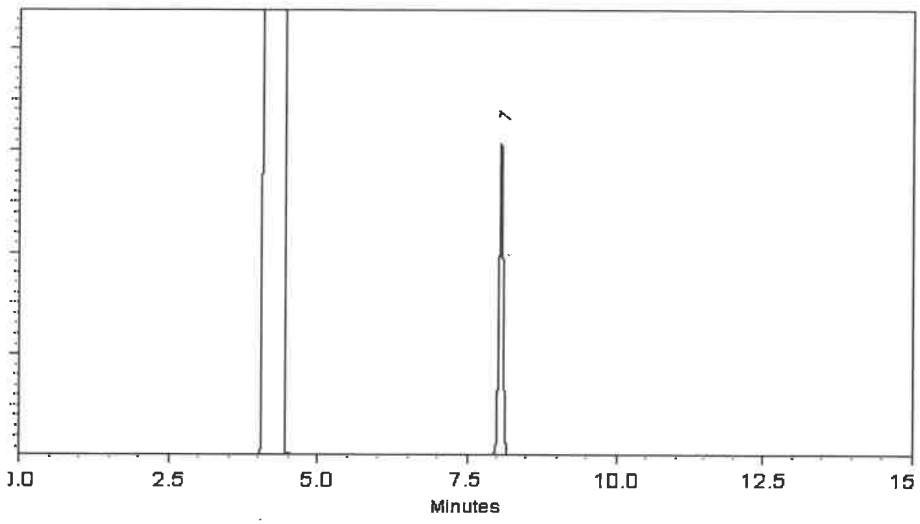
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
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Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 05/21/25

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

5.0149

Part Number:	91980
Lot Number:	051925
Description:	Acrolein
Expiration Date:	061925
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

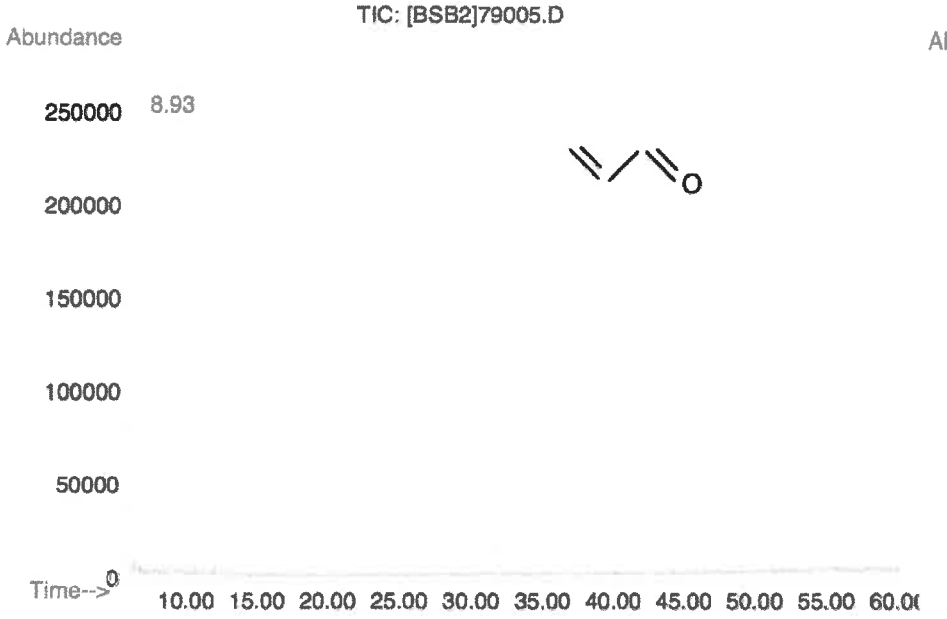
5E-05 Balance Uncertainty

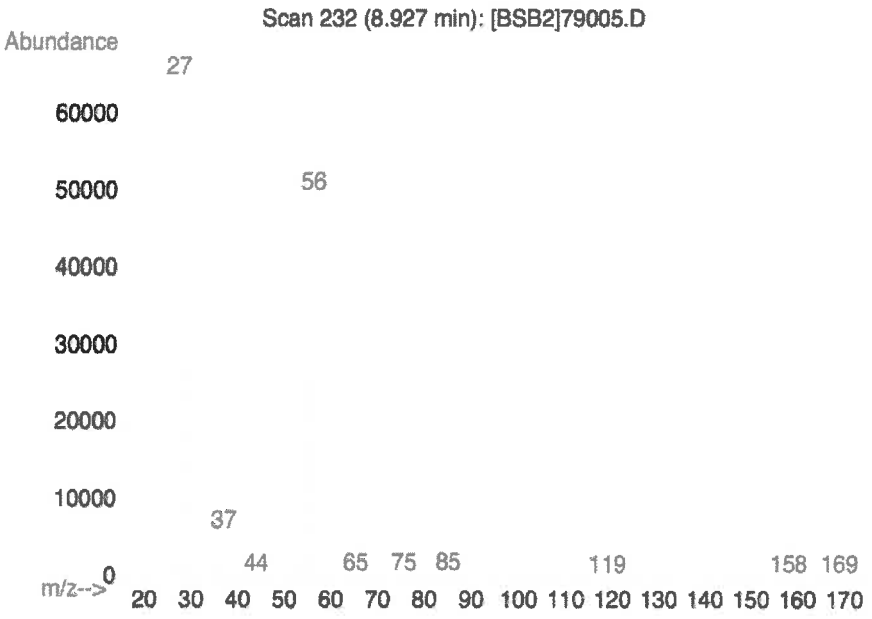
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By: Lawrence Barry	051925 DATE
Reviewed By: Pedro L. Rentas	051925 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05170	5004.1	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).**
- **Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**
  Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 05/21/25

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

5.0149

Part Number:	91980
Lot Number:	051925
Description:	Acrolein
Expiration Date:	061925
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

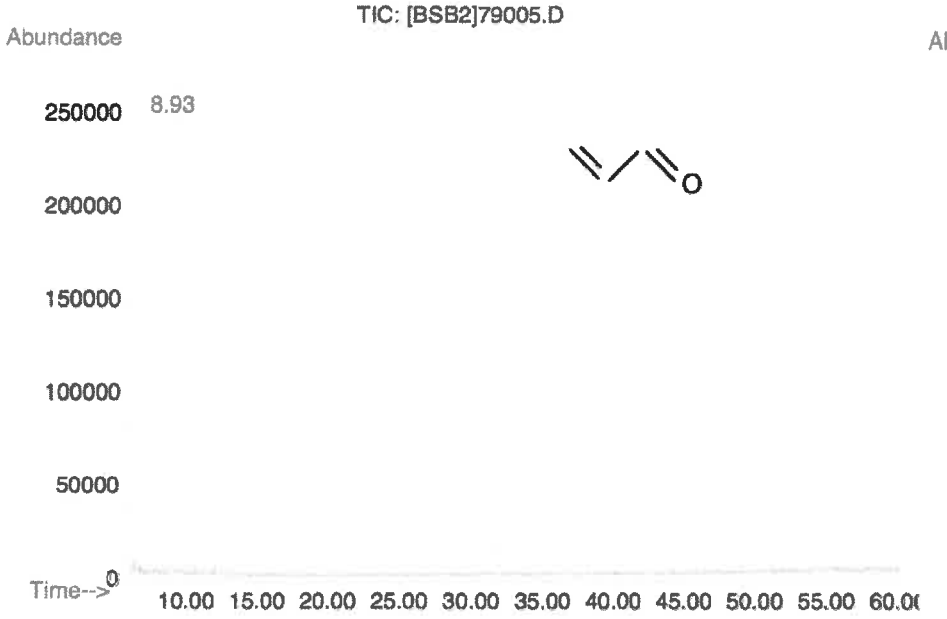
5E-05 Balance Uncertainty

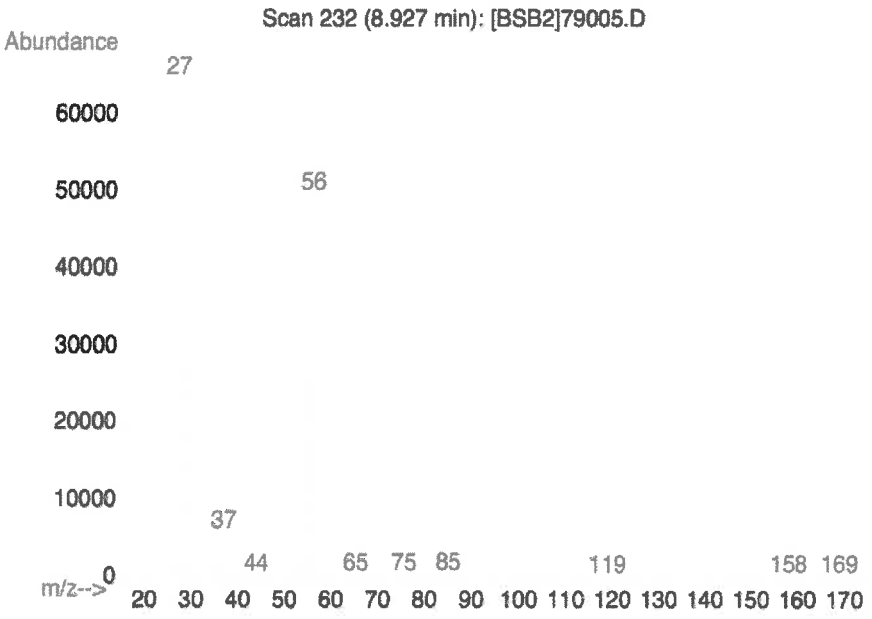
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By: Lawrence Barry	051925 DATE
Reviewed By: Pedro L. Rentas	051925 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05170	5004.1	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Certified Reference Material CRM

Rec 05/21/25

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CERTIFIED WEIGHT REPORT

5.0149

Part Number:	91980
Lot Number:	051925
Description:	Acrolein
Expiration Date:	061925
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By:	Lawrence Barry	051925 DATE
Reviewed By:	Pedro L. Rentas	051925 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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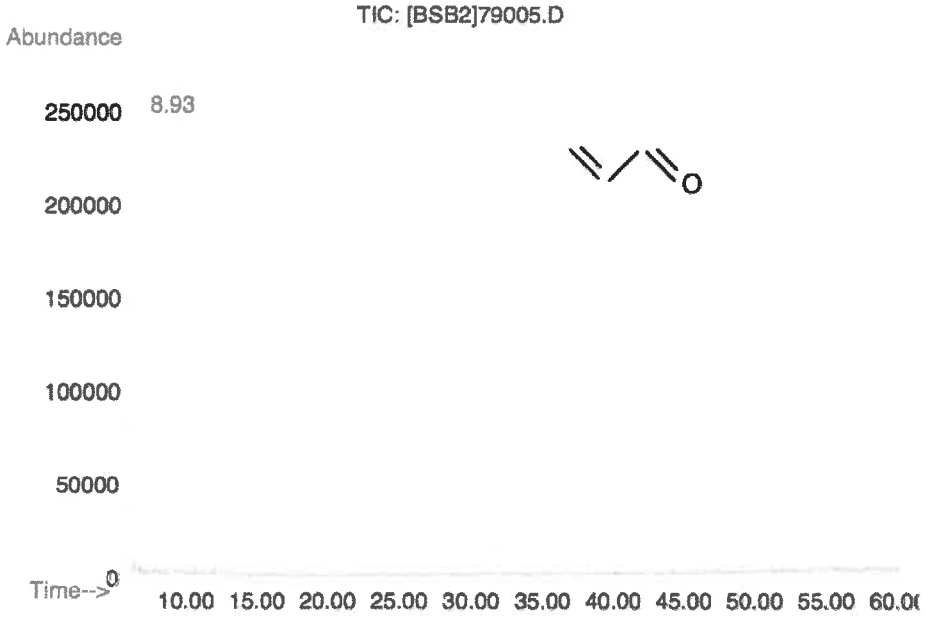
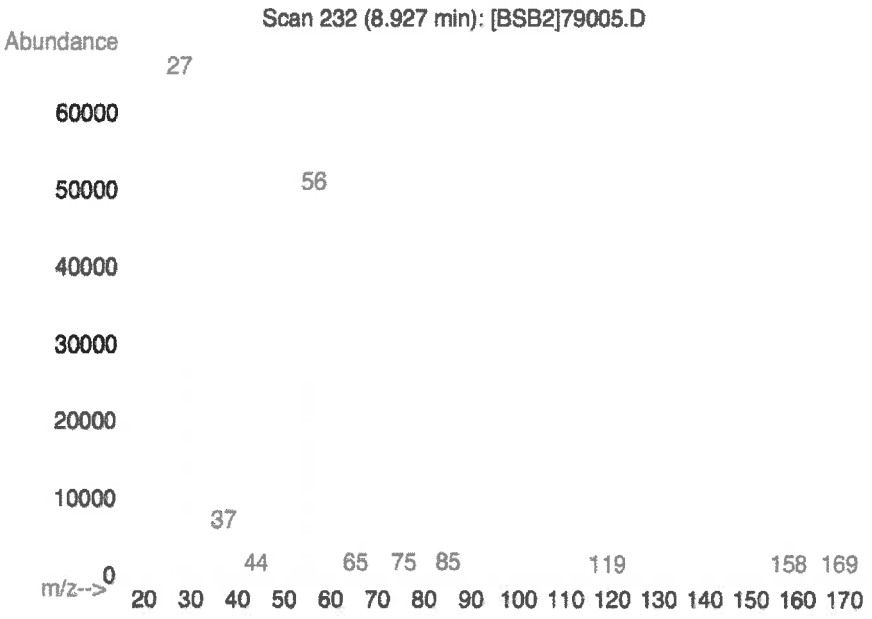
Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Rec 05/21/25

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CERTIFIED WEIGHT REPORT

5.0149

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Description:	Acrolein
Expiration Date:	061925
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By: Lawrence Barry	051925 DATE
Reviewed By: Pedro L. Rentas	051925 DATE

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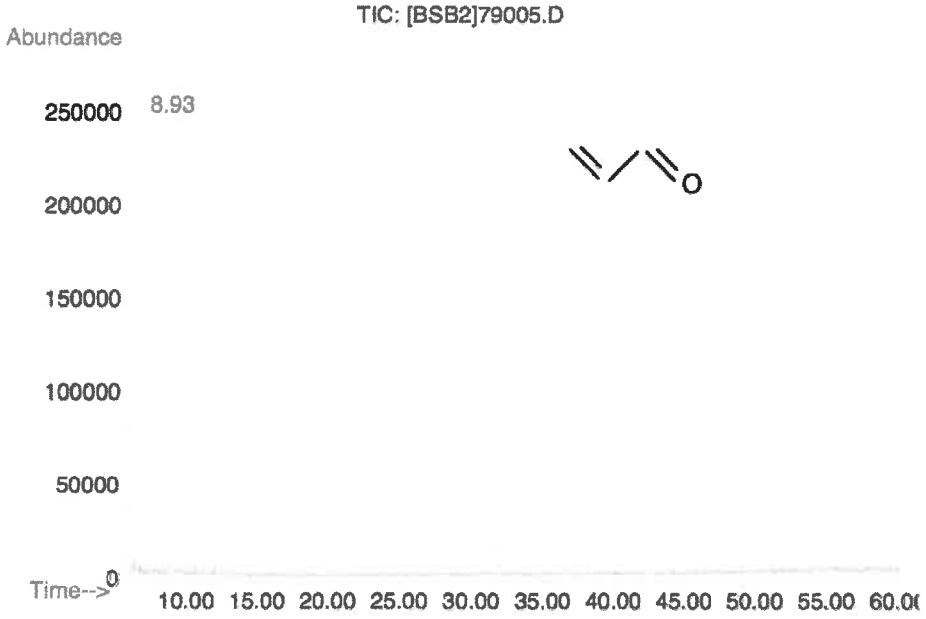

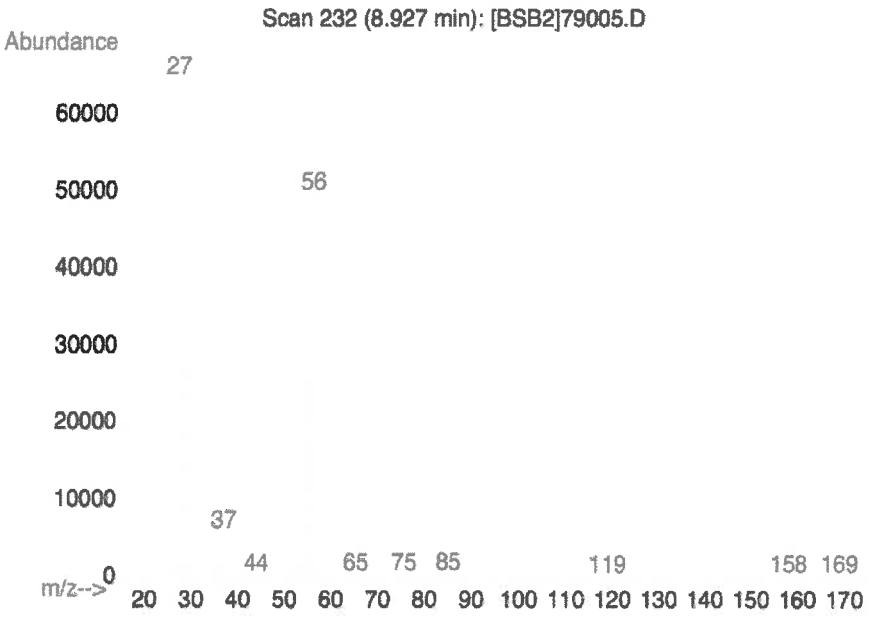

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Preservation Log

BalanceID: VOA-SC-2

Review By: Amit

Supervise By: MMDadoda

Seq	LabID	Vial A Weight(g)	Vial A Time	Vial B Weight(g)	Vial B Time	Vial C Weight(g) with MeOH	Vial C Time	Methanol ID	Preservation Date	Comments
1	Q2251-07	5.46	13:01	6.00	13:02	5.50	13:03	V14143	06/06/2025	ENCORE SAMPLE 8260 STORED IN FRZ #2

Instructions : For medium Level analysis, 5ml MeOH added for CLP(SOM/SFAM) method and 10ml for regular 8260.

If the samples are not to be analyzed within 48hrs of sampling, preserve samples immediately, Vials A and B are stored in the VOA-FRZ-2.

Vial C - MeOH preserved vials are kept in VOA-REF #6.

QA Contorl # A3041177

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

Chemtech Project Number: Q2251/52

COC Number:

CLIENT INFORMATION

COMPANY: Tetra Tech
ADDRESS: 4433 Corporation Lane Suite 300
CITY: Virginia Beach STATE: VA ZIP: 23462
ATTENTION: Ernie Wu
PHONE: 757-466-4901 FAX: 757-461-4148

PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT #: 112G08005-WE13 LOCATION: VPB-182
PROJECT MANAGER: Ernie Wu
E-MAIL: ernie.wu@tetratech.com
PHONE: 757-466-4901 FAX: 757-461-4148

BILLING INFORMATION

BILL TO: SEE CONTRACT PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 2 & 10 DAYS*
HARD COPY: 2 & 10 DAYS*
EDD 2 & 10 DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

1	2	3	4	5	6	7	8	9
VOC(SW846-8260B)	1,4 Dioxane (8270 SIM)	Method 522_PREC 1,4-						

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES A	1	2	3	4	5	6	7	8	9	COMMENTS
1.	BP-VPB-182-TB-20250603	QA		X	6/3/25	9:00	2	2										Trip Blank
2.	BP-VPB-182-GW-740-742	AQ		X	6/3/25	10:43	3	3										
3.	BP-VPB-182-GW-760-762	AQ		X	6/3/25	13:04	3	2	1									
4.	BP-VPB-182-GW-780-782	AQ		X	6/4/25	10:06	6	6										High sediment
5.	BP-VPB-182-EB-20250604	QA		X	6/4/25	13:40	3	2	1									Equipment Blank
6.	VPB182-HYD-20250605	AQ		X	6/5/25	14:30	5	2	1	2								Hydrant sample
7.																		
8.																		
9.																		
10.																		

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. [signature]	6/5/25 1520	1. [signature] 1550 6-5-25
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME 1925 6-5-25	RECEIVED FOR LAB BY
3. [signature]		3.

Conditions of bottles or coolers at receipt: q Compliant q Non Compliant q Cooler Temp 2.1 C
MeOH extraction requires an additional 4oz. Jar for percent solid q Ice in Cooler?:_____
Comments: 5 Day TAT - For VOC's see worksheet #15 of SAP 2018 for VPB program VOC list
10-DAY TAT - For 1,4 Dioxane (8270 SIM)

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
CHEMTECH: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2251 TETR06
Client Name : Tetra Tech NUS, Inc.
Client Contact : Ernie Wu
Invoice Name : Tetra Tech NUS, Inc.
Invoice Contact : Ernie Wu

Order Date : 6/5/2025 4:31:00 PM
Project Name : NWIRP Bethpage 112G080
Receive DateTime : 6/5/2025 7:20:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : ADAPT
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2251-01	BP-VPB-182-TB-20250603	Water	06/03/2025	09:00					
					VOCMS Group1		8260-Low	5 Bus. Days	
Q2251-02	BP-VPB-182-GW-740-742	Water	06/03/2025	10:43 ~~10:34~~					
					VOCMS Group1		8260-Low	5 Bus. Days	
Q2251-03	BP-VPB-182-GW-760-762	Water	06/03/2025	13:04					
					VOCMS Group1		8260-Low	5 Bus. Days	
Q2251-05	BP-VPB-182-EB-20250604	Water	06/04/2025	13:40					
					VOCMS Group1		8260-Low	5 Bus. Days	
Q2251-06	VPB182-HYD-20250605	Water	06/05/2025	14:30					
					VOCMS Group1		8260-Low	5 Bus. Days	
Q2251-07	BP-VPB-182-GW-780-782	Solid	06/04/2025	10:06					
					VOCMS Group1		8260D	5 Bus. Days	

YG 06/17/25

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q2251 TETR06	**Order Date :**	6/5/2025 4:31:00 PM	**Project Mgr :**	
Client Name :	Tetra Tech NUS, Inc.	**Project Name :**	NWIRP Bethpage 112G080	**Report Type :**	Level 4
Client Contact :	Ernie Wu	**Receive DateTime :**	6/5/2025 7:20:00 PM	**EDD Type :**	ADAPT
Invoice Name :	Tetra Tech NUS, Inc.	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Ernie Wu			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinguished By : GW
Date / Time : 6/6/25 0810

Received By : Jerry
Date / Time : 06/06/25 0810

Storage Area : VOA Refridgerator Room

Depth 6
SC22
Reg 4

SAMPLES 6/5/25 RECEIVED
SAMPLES PLACED IN SM-REF-2

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.235	168	212682	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.106	114	393457	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	348010	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167399	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.594	65	3429	1.204	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	2.400%#			
35) Dibromofluoromethane	8.171	113	2626	1.126	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	2.260%#			
50) Toluene-d8	10.570	98	10645	1.153	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	2.300%#			
62) 4-Bromofluorobenzene	12.853	95	4252	1.240	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	2.480%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.153	85	1985	0.936	ug/l		72
3) Chloromethane	2.400	50	3241	1.184	ug/l		98
4) Vinyl Chloride	2.559	62	2848	1.008	ug/l	#	88
5) Bromomethane	3.006	94	1886	1.193	ug/l		93
6) Chloroethane	3.159	64	1957	1.073	ug/l	#	79
7) Trichlorofluoromethane	3.530	101	3752	1.017	ug/l		97
8) Diethyl Ether	3.994	74	1583	0.984	ug/l		76
9) 1,1,2-Trichlorotrifluo...	4.394	101	1332	0.574	ug/l	#	55
10) Methyl Iodide	4.624	142	3165	1.053	ug/l	#	67
11) Tert butyl alcohol	5.547	59	4268	5.524	ug/l	#	77
12) 1,1-Dichloroethene	4.365	96	2436	1.029	ug/l		85
13) Acrolein	4.194	56	1467	5.998	ug/l		85
14) Allyl chloride	5.041	41	4189	1.067	ug/l	#	75
15) Acrylonitrile	5.735	53	9222	5.106	ug/l		96
16) Acetone	4.459	43	9069	6.006	ug/l		95
17) Carbon Disulfide	4.730	76	7306	1.116	ug/l		97
18) Methyl Acetate	5.053	43	4402	1.000	ug/l	#	66
19) Methyl tert-butyl Ether	5.824	73	9019	1.052	ug/l		92
20) Methylene Chloride	5.294	84	3496	1.237	ug/l		93
21) trans-1,2-Dichloroethene	5.800	96	2979	1.131	ug/l		87
22) Diisopropyl ether	6.682	45	8584	1.037	ug/l	#	96
23) Vinyl Acetate	6.618	43	37075	5.303	ug/l		95
24) 1,1-Dichloroethane	6.588	63	5071	1.065	ug/l	#	81
25) 2-Butanone	7.500	43	12841	5.231	ug/l		93
26) 2,2-Dichloropropane	7.500	77	4112	1.110	ug/l		94
27) cis-1,2-Dichloroethene	7.494	96	3345	1.062	ug/l		95
28) Bromochloromethane	7.824	49	2464	1.052	ug/l	#	88
29) Tetrahydrofuran	7.853	42	8301	5.191	ug/l		100
30) Chloroform	7.971	83	5255	1.105	ug/l		97
31) Cyclohexane	8.247	56	9143	1.980	ug/l	#	28
32) 1,1,1-Trichloroethane	8.171	97	4378	1.082	ug/l	#	50
36) 1,1-Dichloropropene	8.376	75	3678	1.059	ug/l		96
37) Ethyl Acetate	7.577	43	4282	0.968	ug/l	#	78
38) Carbon Tetrachloride	8.376	117	3563	1.045	ug/l	#	93
39) Methylcyclohexane	9.606	83	4981	1.046	ug/l	#	90
40) Benzene	8.612	78	12498	1.100	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.782	41	2799	1.127	ug/l		89
42) 1,2-Dichloroethane	8.682	62	3725	1.081	ug/l		82
43) Isopropyl Acetate	8.694	43	7673	1.081	ug/l	#	96
44) Trichloroethene	9.365	130	2822	1.047	ug/l		71
45) 1,2-Dichloropropane	9.629	63	2883	1.043	ug/l		95
46) Dibromomethane	9.712	93	1835	0.999	ug/l		94
47) Bromodichloromethane	9.888	83	4017	1.063	ug/l	#	96
48) Methyl methacrylate	9.688	41	3492	1.069	ug/l		88
49) 1,4-Dioxane	9.706	88	1004	16.891	ug/l	#	74
51) 4-Methyl-2-Pentanone	10.453	43	19886	4.653	ug/l		99
52) Toluene	10.635	92	7227	1.041	ug/l		95
53) t-1,3-Dichloropropene	10.841	75	4494	1.064	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	4792	1.060	ug/l		97
55) 1,1,2-Trichloroethane	11.023	97	2828	1.058	ug/l		89
56) Ethyl methacrylate	10.882	69	3406	0.800	ug/l	#	85
57) 1,3-Dichloropropane	11.170	76	5062	1.092	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	10924	4.304	ug/l		97
59) 2-Hexanone	11.235	43	5016	1.822	ug/l	#	35
60) Dibromochloromethane	11.359	129	2843	1.021	ug/l		96
61) 1,2-Dibromoethane	11.470	107	2777	1.014	ug/l		96
64) Tetrachloroethene	11.106	164	2473	1.123	ug/l		94
65) Chlorobenzene	11.894	112	8581	1.118	ug/l	#	87
66) 1,1,1,2-Tetrachloroethane	11.959	131	2523	1.023	ug/l	#	63
67) Ethyl Benzene	11.970	91	13845	1.047	ug/l		94
68) m/p-Xylenes	12.070	106	10163	2.008	ug/l		95
69) o-Xylene	12.400	106	4970	1.025	ug/l		93
70) Styrene	12.417	104	8189	0.987	ug/l		98
71) Bromoform	12.582	173	1508	0.825	ug/l	#	78
73) Isopropylbenzene	12.694	105	12938	1.061	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	4326	1.047	ug/l	#	93
76) 1,2,3-Trichloropropane	13.000	75	5925	1.484	ug/l		65
77) Bromobenzene	12.982	156	2913	1.042	ug/l		96
78) n-propylbenzene	13.035	91	15168	1.023	ug/l		98
79) 2-Chlorotoluene	13.123	91	9550	1.074	ug/l		97
80) 1,3,5-Trimethylbenzene	13.170	105	10058	0.999	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.741	75	1392	0.805	ug/l		92
82) 4-Chlorotoluene	13.223	91	9706	1.079	ug/l		96
83) tert-Butylbenzene	13.435	119	9849	1.069	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	9882	0.979	ug/l		99
85) sec-Butylbenzene	13.617	105	13775	1.029	ug/l		100
86) p-Isopropyltoluene	13.729	119	11065	1.000	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	5903	1.073	ug/l		94
88) 1,4-Dichlorobenzene	13.735	146	5903	1.052	ug/l		93
89) n-Butylbenzene	14.058	91	11627	1.085	ug/l		94
90) Hexachloroethane	14.329	117	1942	1.036	ug/l		93
91) 1,2-Dichlorobenzene	14.106	146	5607	1.061	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1136	1.150	ug/l		78
93) 1,2,4-Trichlorobenzene	15.388	180	3489	1.034	ug/l		98
94) Hexachlorobutadiene	15.500	225	1219	0.969	ug/l		88
95) Naphthalene	15.635	128	12789	1.018	ug/l		98
96) 1,2,3-Trichlorobenzene	15.835	180	3594	1.072	ug/l		96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

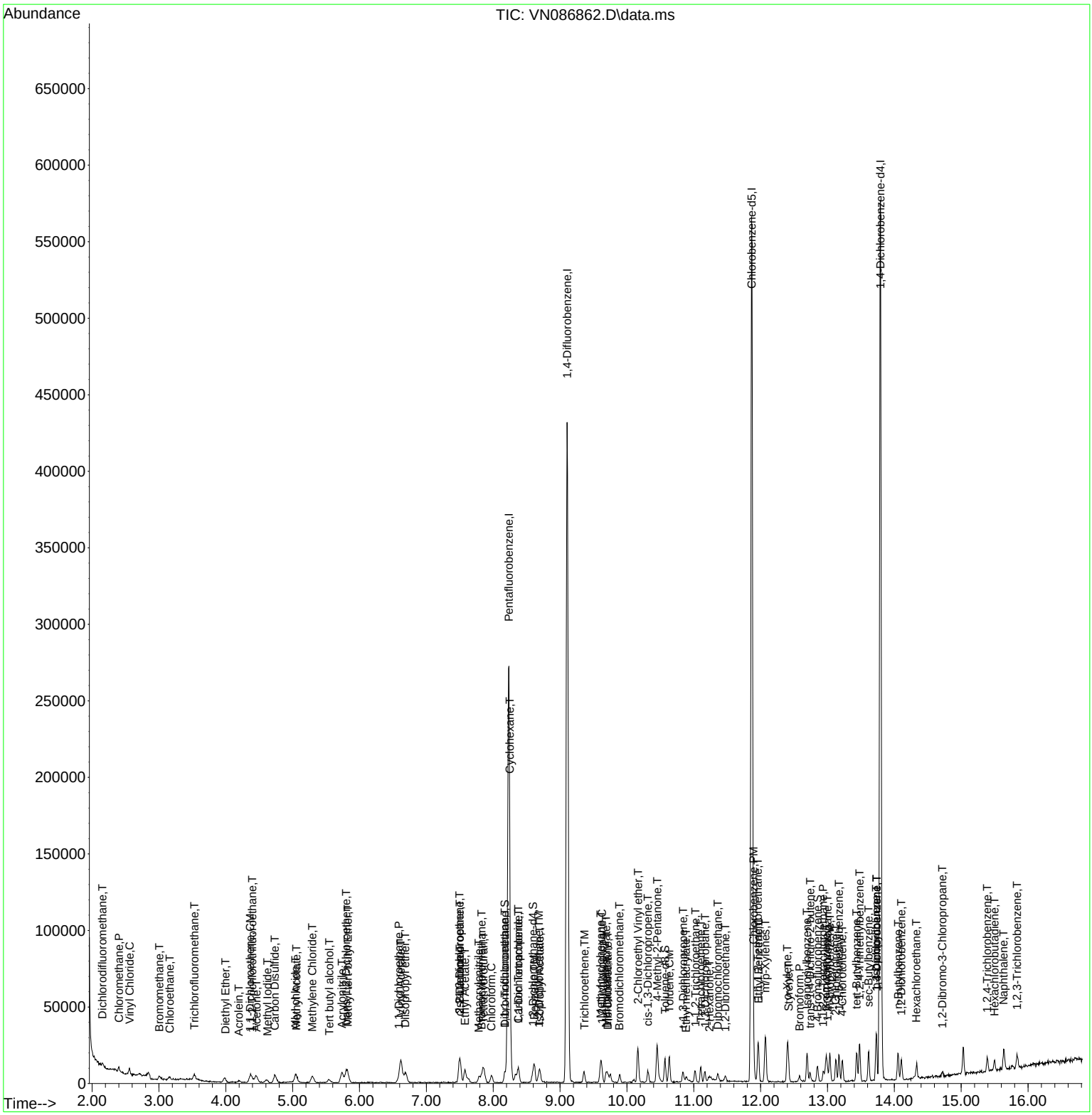
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

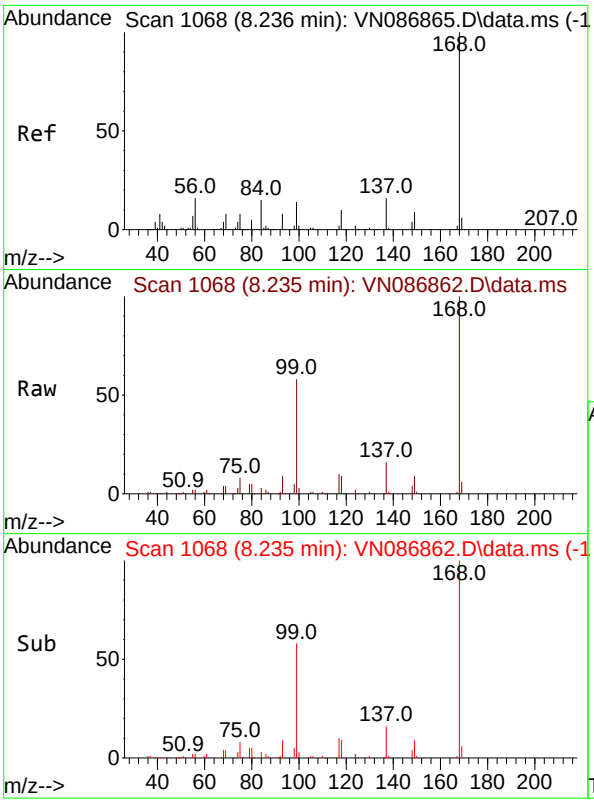
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086862.D
Acq On : 06 Jun 2025 12:44
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Quant Time: Jun 07 01:54:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration



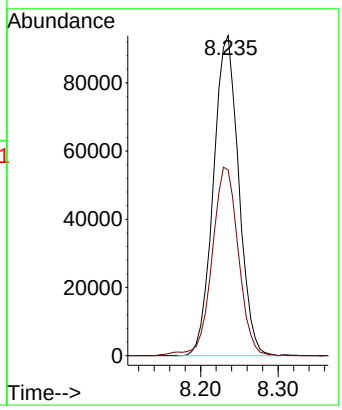


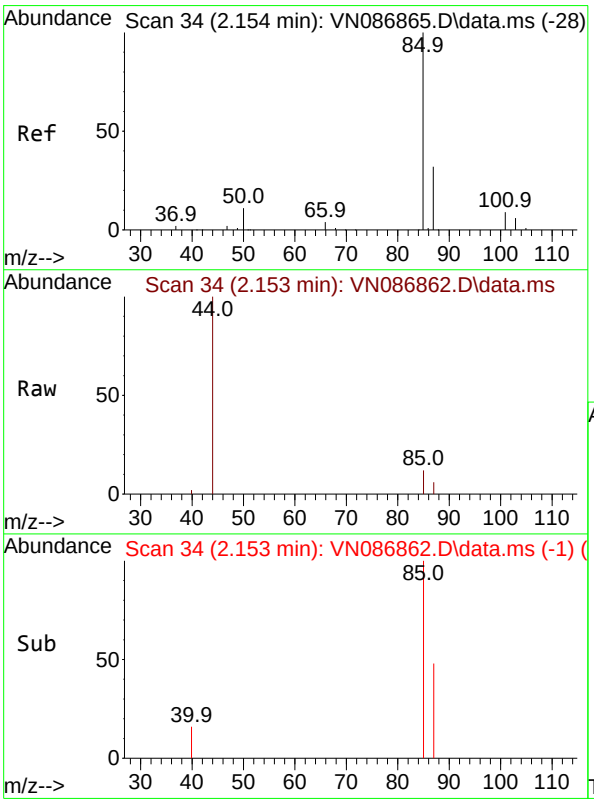
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 212682

Ion	Ratio	Lower	Upper
168	100		
99	58.1	49.1	73.7

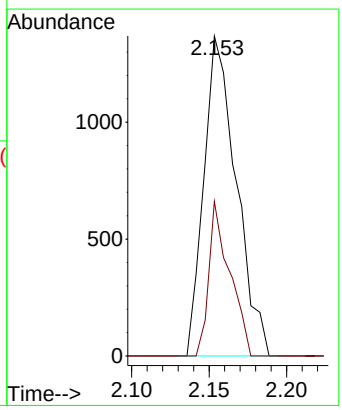


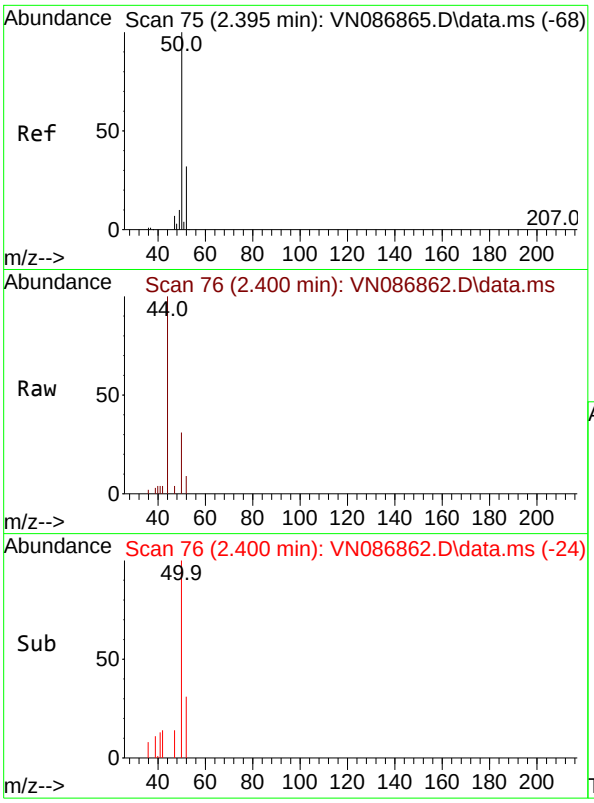


#2
Dichlorodifluoromethane
Concen: 0.936 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 85 Resp: 1985

Ion	Ratio	Lower	Upper
85	100		
87	48.3	16.2	48.6



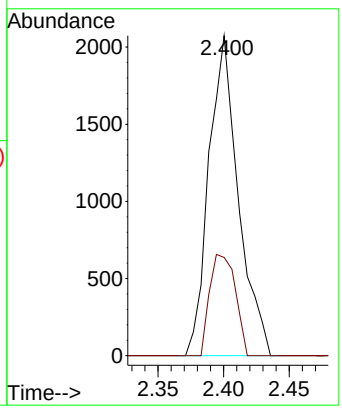


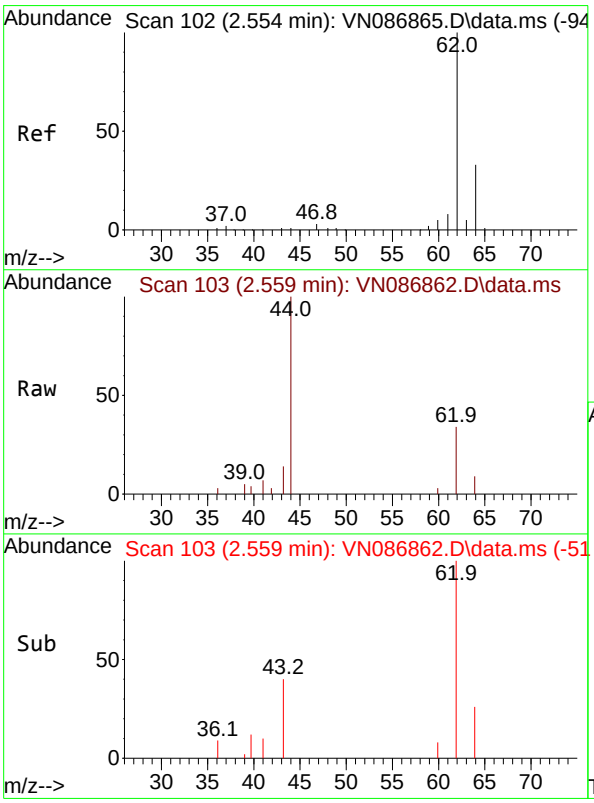
#3
Chloromethane
Concen: 1.184 ug/l
RT: 2.400 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 3241

Ion	Ratio	Lower	Upper
50	100		
52	30.7	25.7	38.5

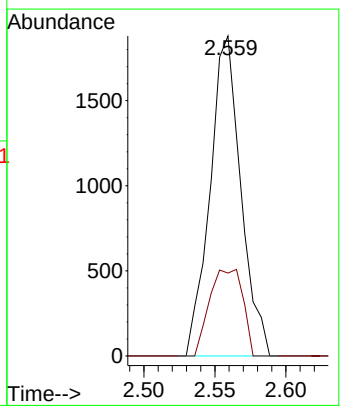


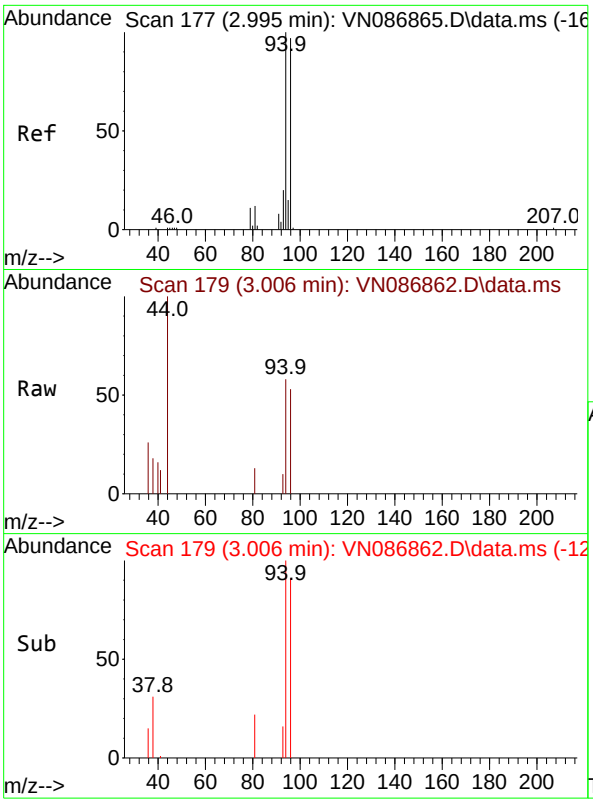


#4
Vinyl Chloride
Concen: 1.008 ug/l
RT: 2.559 min Scan# 103
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 62 Resp: 2848

Ion	Ratio	Lower	Upper
62	100		
64	25.9	26.0	39.0#



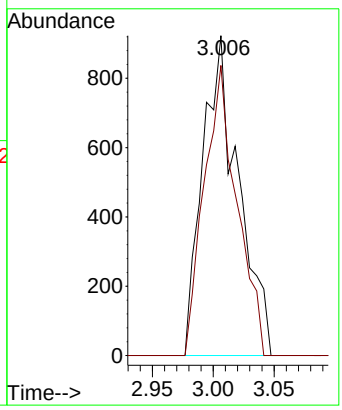


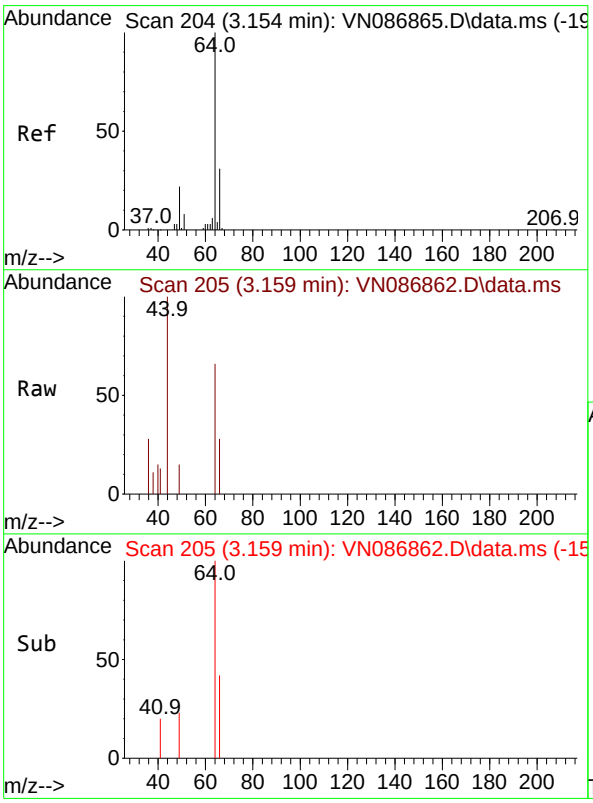
#5
Bromomethane
Concen: 1.193 ug/l
RT: 3.006 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 1886

Ion	Ratio	Lower	Upper
94	100		
96	90.7	77.9	116.9

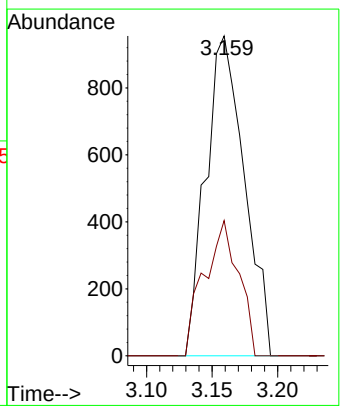


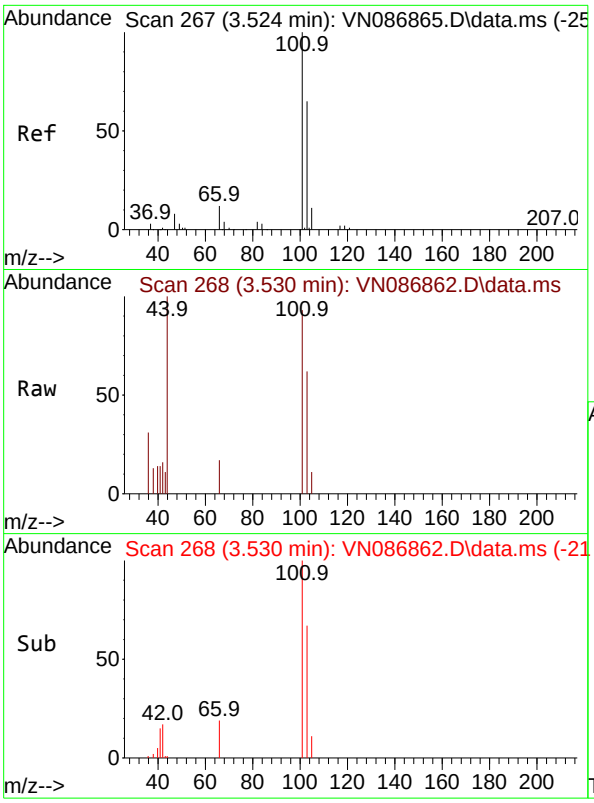


#6
Chloroethane
Concen: 1.073 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 64 Resp: 1957

Ion	Ratio	Lower	Upper
64	100		
66	42.3	24.6	36.8#



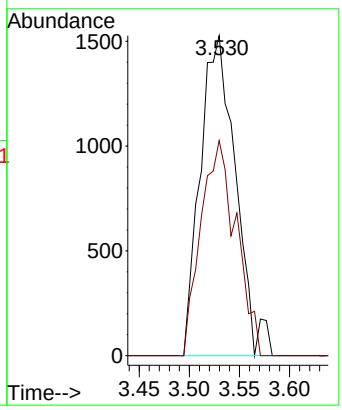


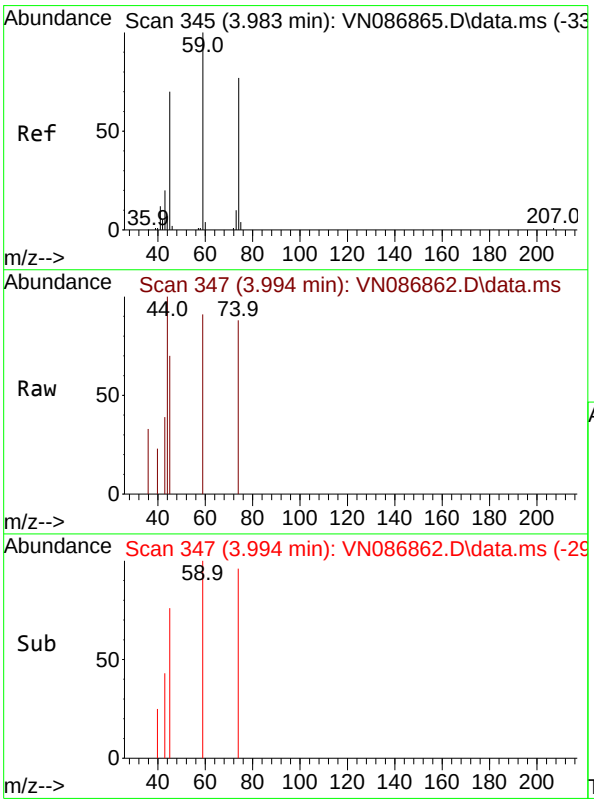
#7
Trichlorofluoromethane
Concen: 1.017 ug/l
RT: 3.530 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 3752

Ion	Ratio	Lower	Upper
101	100		
103	67.2	52.2	78.2

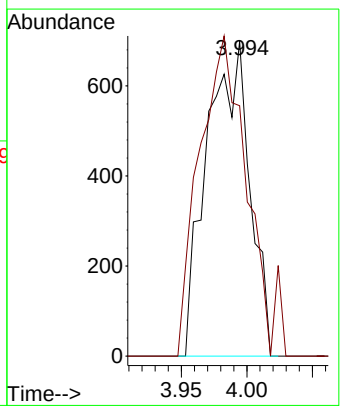


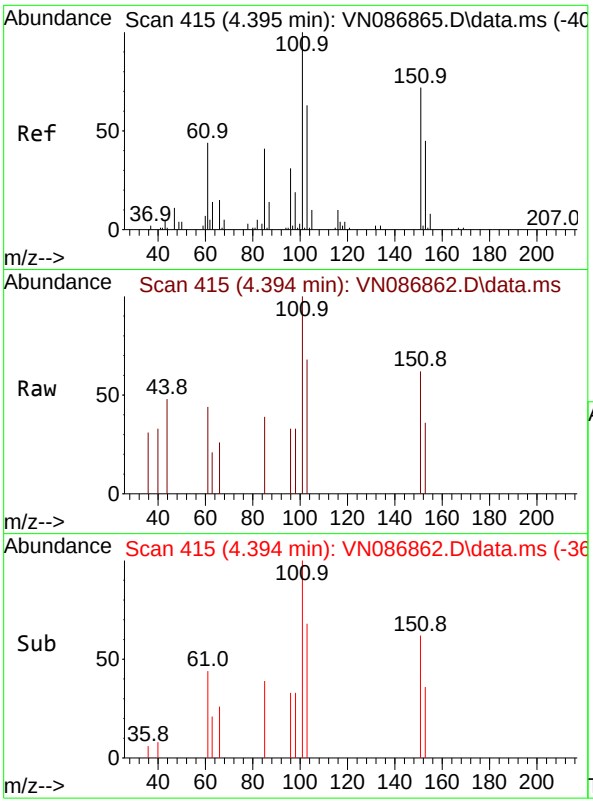


#8
Diethyl Ether
Concen: 0.984 ug/l
RT: 3.994 min Scan# 347
Delta R.T. 0.011 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 74 Resp: 1583

Ion	Ratio	Lower	Upper
74	100		
45	113.8	45.5	136.5



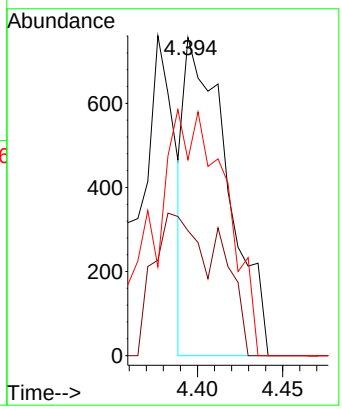


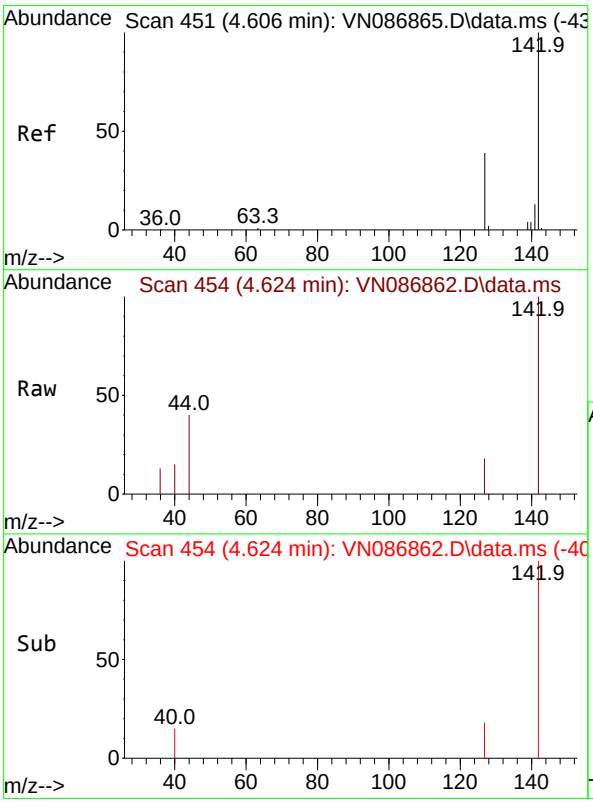
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.574 ug/l
RT: 4.394 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 1332

Ion	Ratio	Lower	Upper
101	100		
85	49.2	33.8	50.8
151	127.6	58.7	88.1#

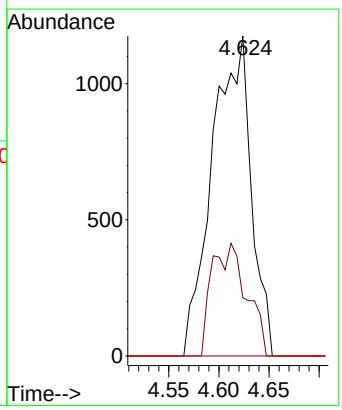


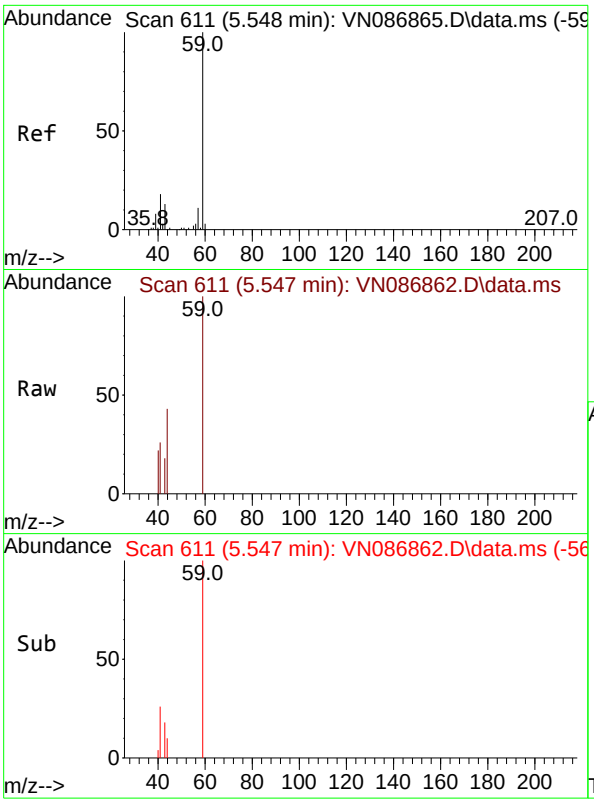


#10
Methyl Iodide
Concen: 1.053 ug/l
RT: 4.624 min Scan# 454
Delta R.T. 0.017 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:142 Resp: 3165

Ion	Ratio	Lower	Upper
142	100		
127	18.2	30.9	46.3#
141	0.0	10.4	15.6#



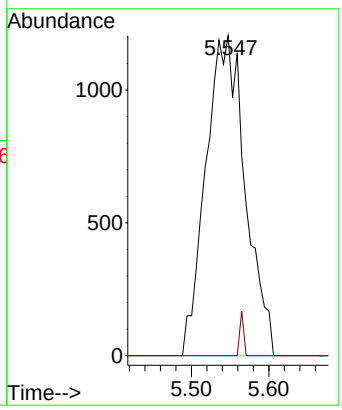


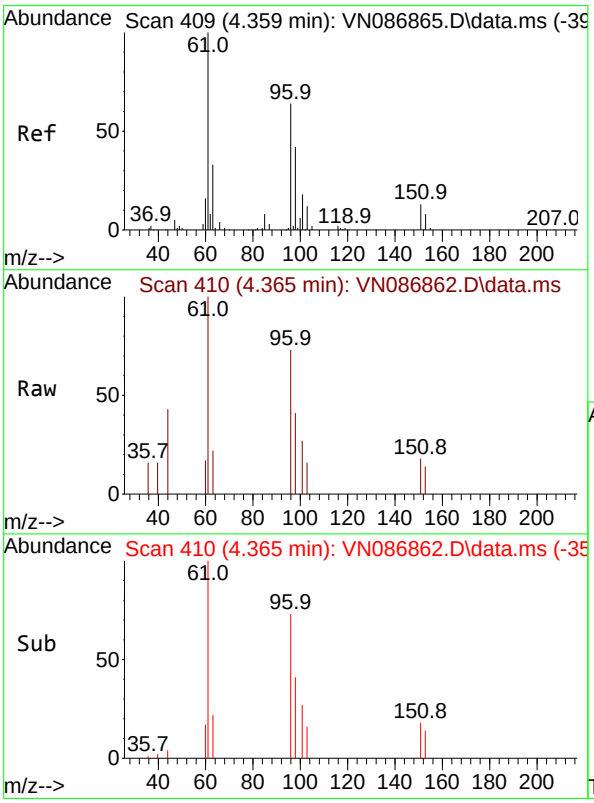
#11
Tert butyl alcohol
Concen: 5.524 ug/l
RT: 5.547 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 4268

Ion	Ratio	Lower	Upper
59	100		
57	1.4	8.1	12.1#

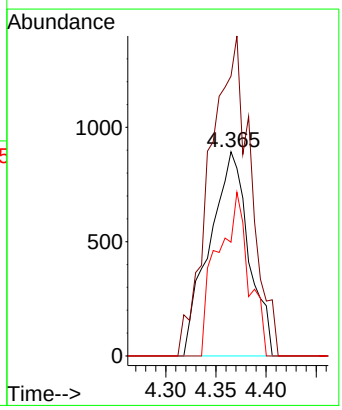


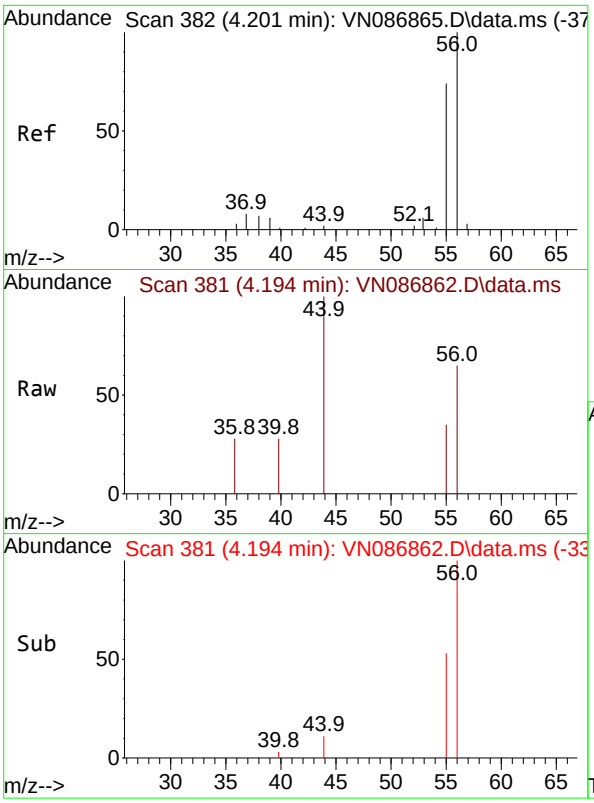


#12
1,1-Dichloroethene
Concen: 1.029 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 96 Resp: 2436

Ion	Ratio	Lower	Upper
96	100		
61	137.1	125.8	188.6
98	55.8	52.5	78.7



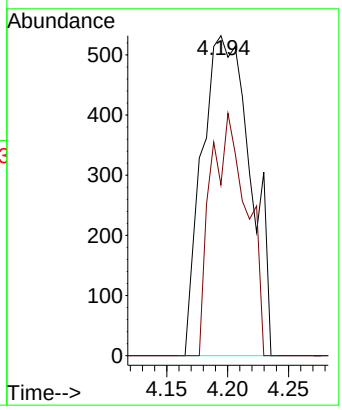


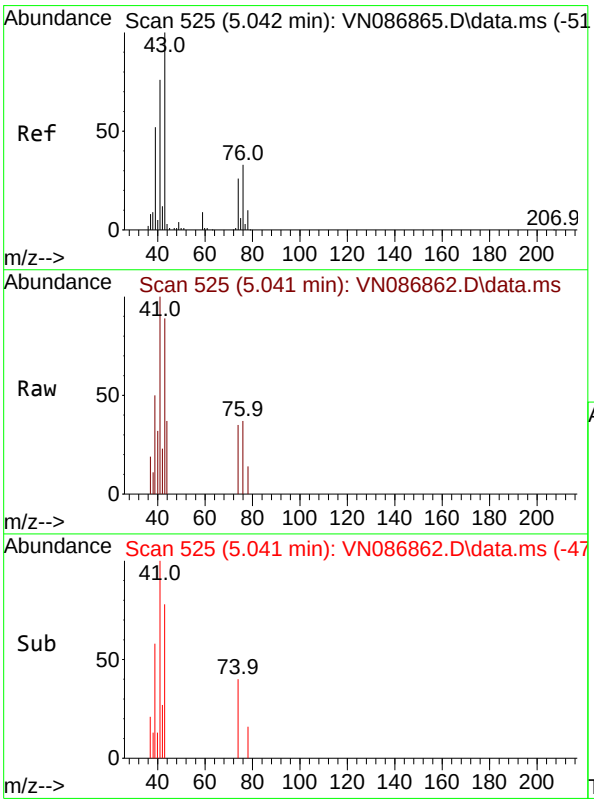
#13
Acrolein
Concen: 5.998 ug/l
RT: 4.194 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 1467

Ion	Ratio	Lower	Upper
56	100		
55	56.9	55.6	83.4

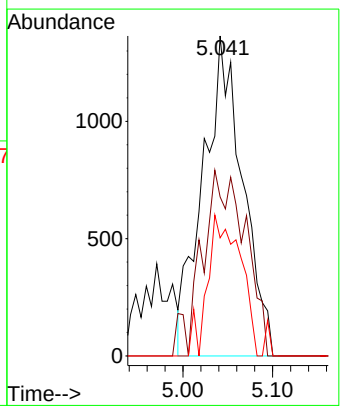


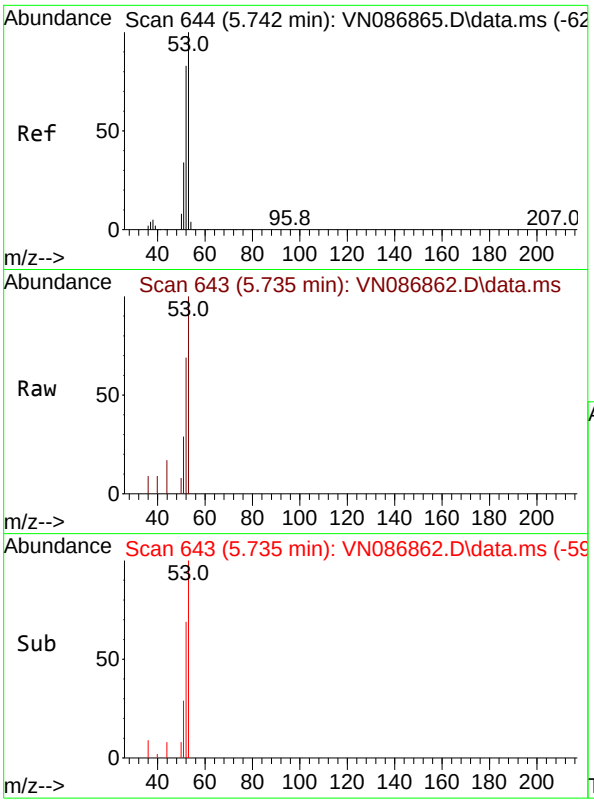


#14
Allyl chloride
Concen: 1.067 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 41 Resp: 4189

Ion	Ratio	Lower	Upper
41	100		
39	35.3	51.3	76.9#
76	36.4	31.4	47.0



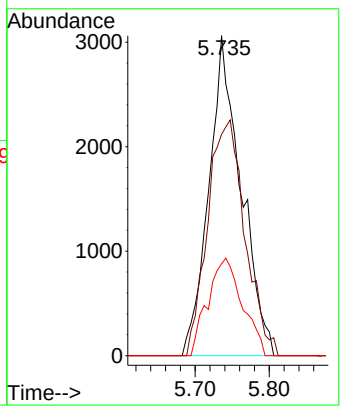


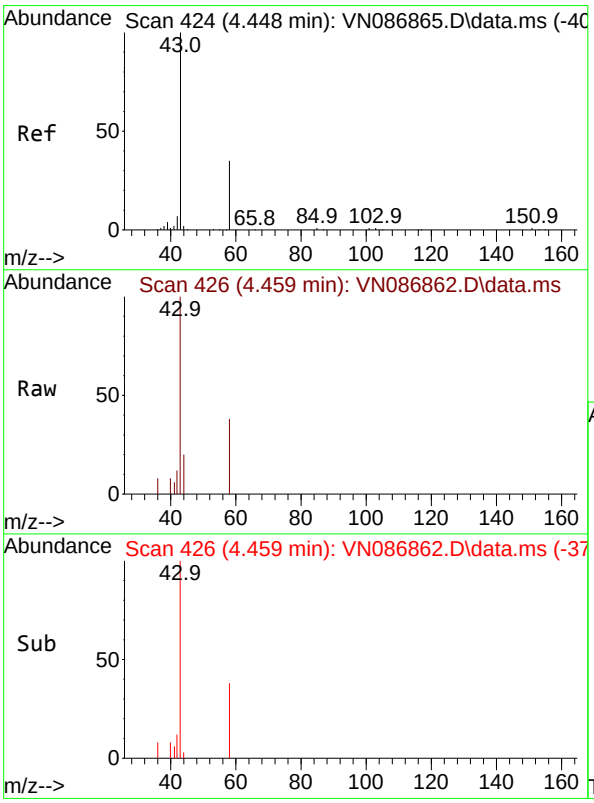
#15
Acrylonitrile
Concen: 5.106 ug/l
RT: 5.735 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 9222

Ion	Ratio	Lower	Upper
53	100		
52	85.4	65.0	97.6
51	32.7	27.2	40.8

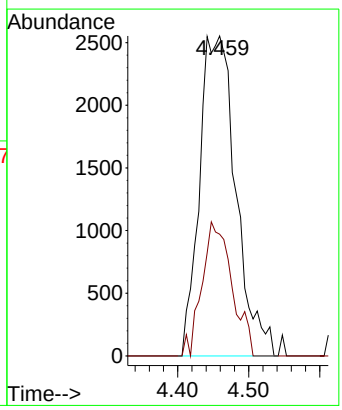


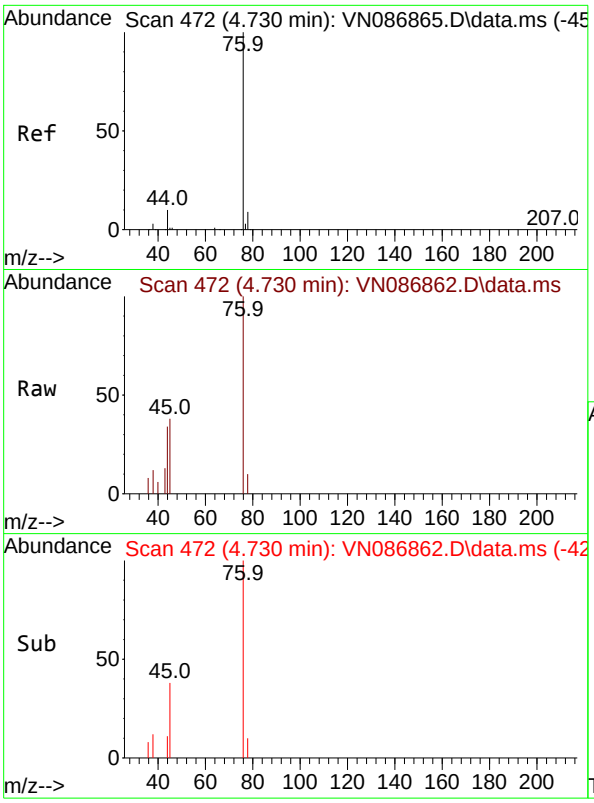


#16
Acetone
Concen: 6.006 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.011 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 43 Resp: 9069

Ion	Ratio	Lower	Upper
43	100		
58	38.0	28.0	42.0



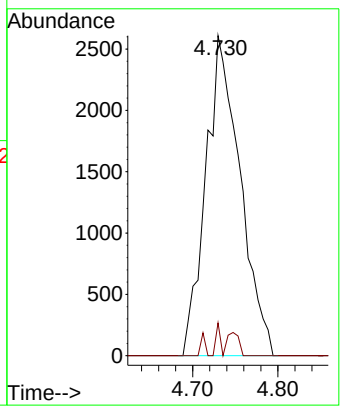


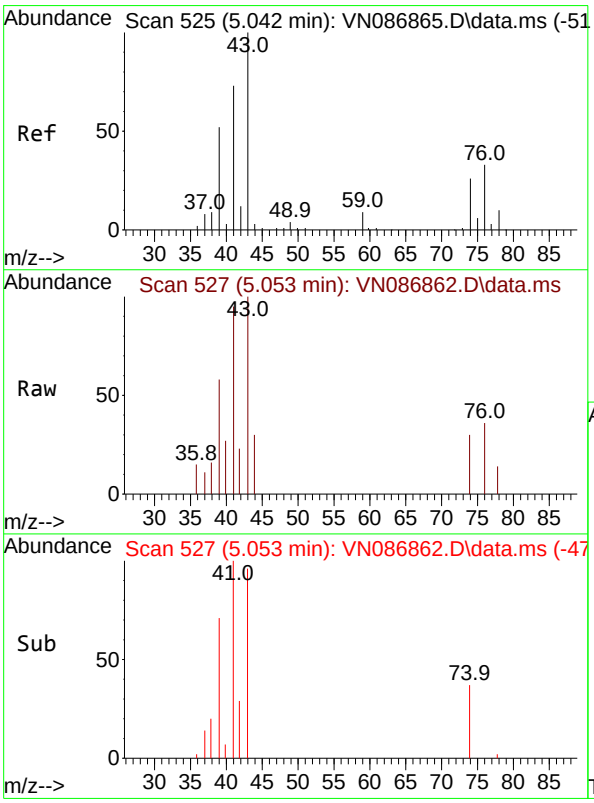
#17
Carbon Disulfide
Concen: 1.116 ug/l
RT: 4.730 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 7306

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.3	10.9

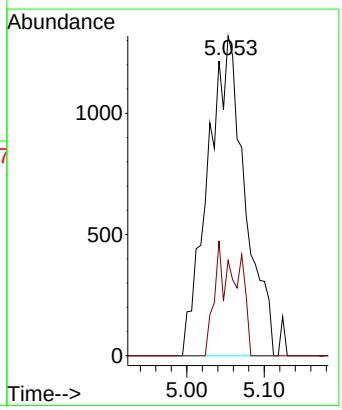


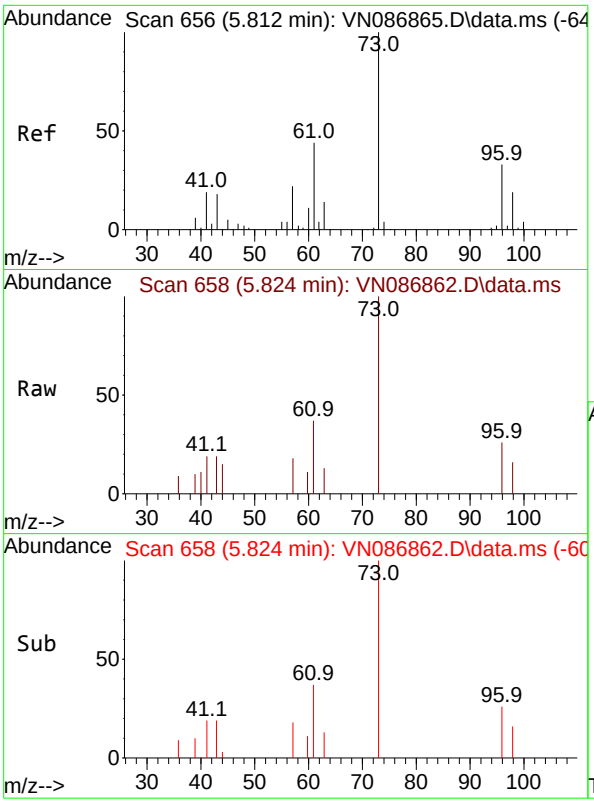


#18
Methyl Acetate
Concen: 1.000 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.011 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 43 Resp: 4402

Ion	Ratio	Lower	Upper
43	100		
74	8.7	20.7	31.1#



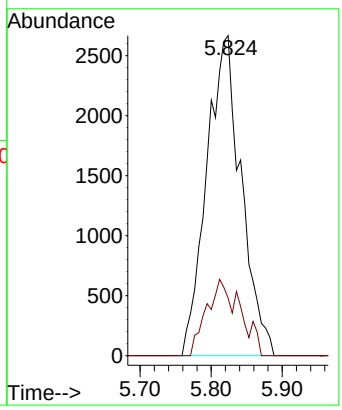


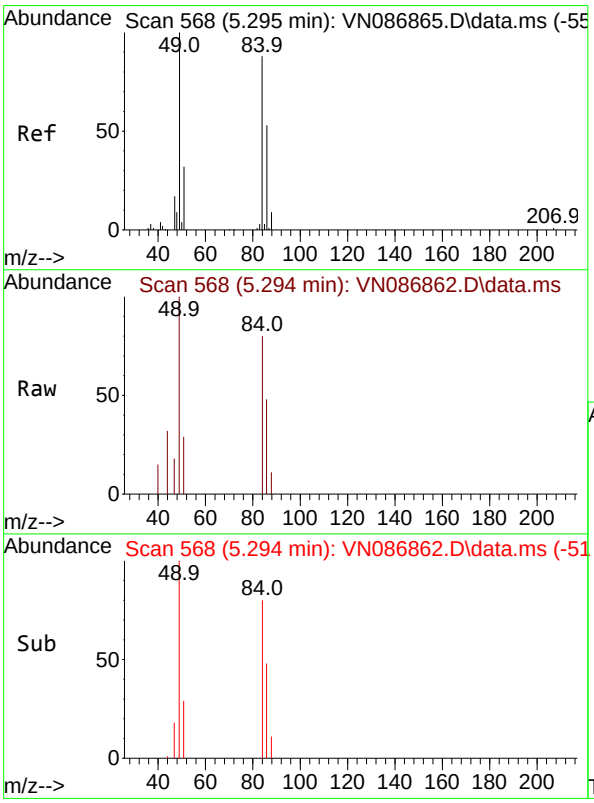
#19
Methyl tert-butyl Ether
Concen: 1.052 ug/l
RT: 5.824 min Scan# 6
Delta R.T. 0.011 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 9019

Ion	Ratio	Lower	Upper
73	100		
57	18.0	17.4	26.2

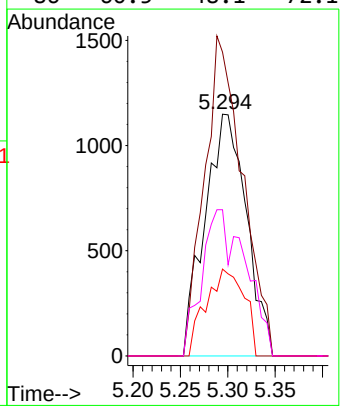


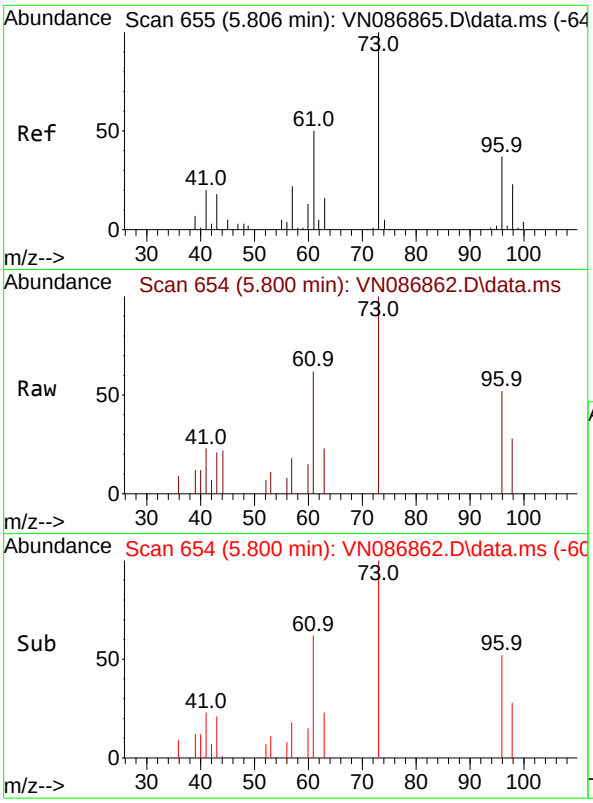


#20
Methylene Chloride
Concen: 1.237 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 84 Resp: 3496

Ion	Ratio	Lower	Upper
84	100		
49	125.7	90.5	135.7
51	35.9	28.5	42.7
86	60.5	48.1	72.1



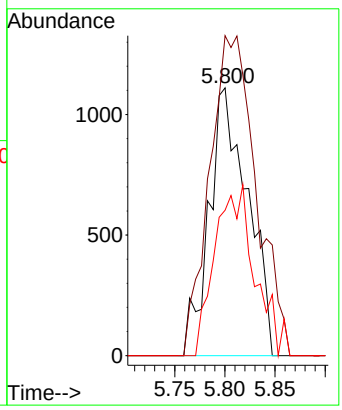


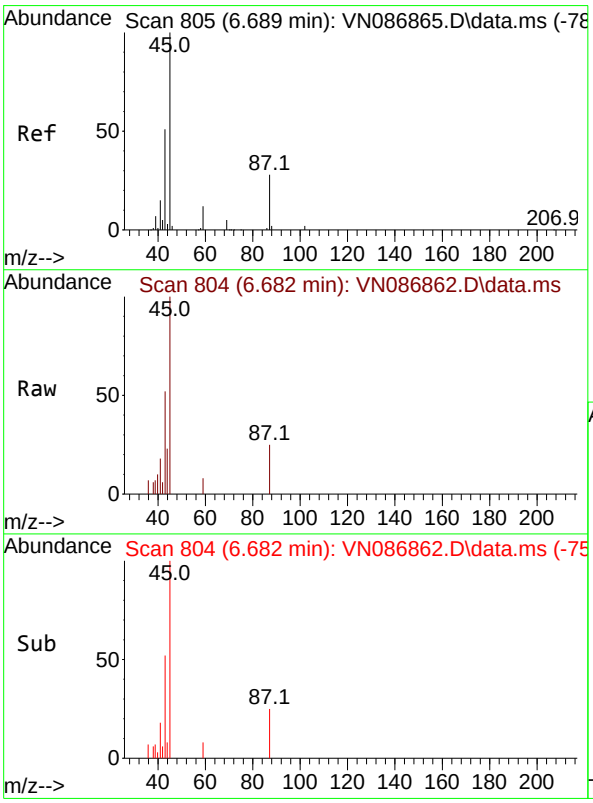
#21
trans-1,2-Dichloroethene
Concen: 1.131 ug/l
RT: 5.800 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 2979

Ion	Ratio	Lower	Upper
96	100		
61	119.4	109.2	163.8
98	54.3	49.8	74.8

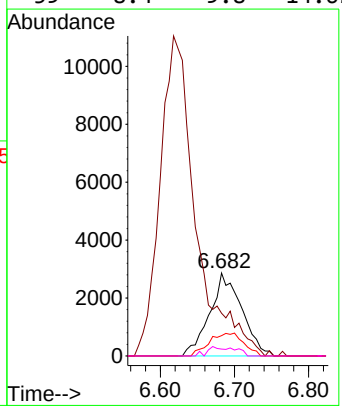


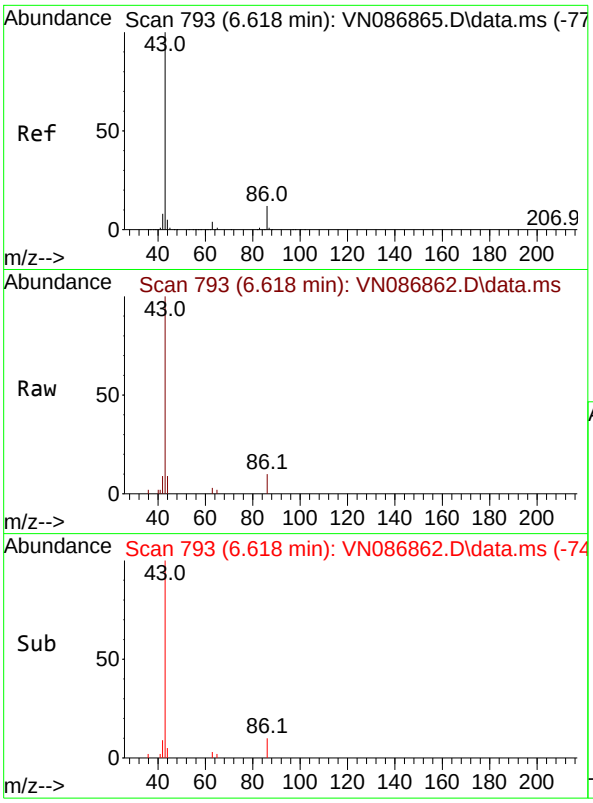


#22
Diisopropyl ether
Concen: 1.037 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 45 Resp: 8584

Ion	Ratio	Lower	Upper
45	100		
43	51.5	41.9	62.9
87	24.5	22.4	33.6
59	8.4	9.8	14.6#



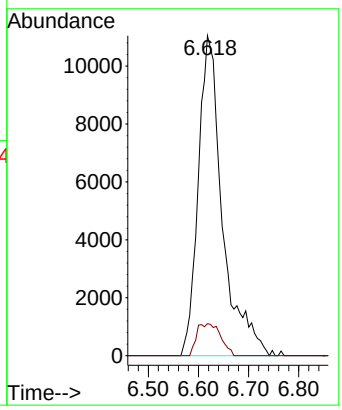


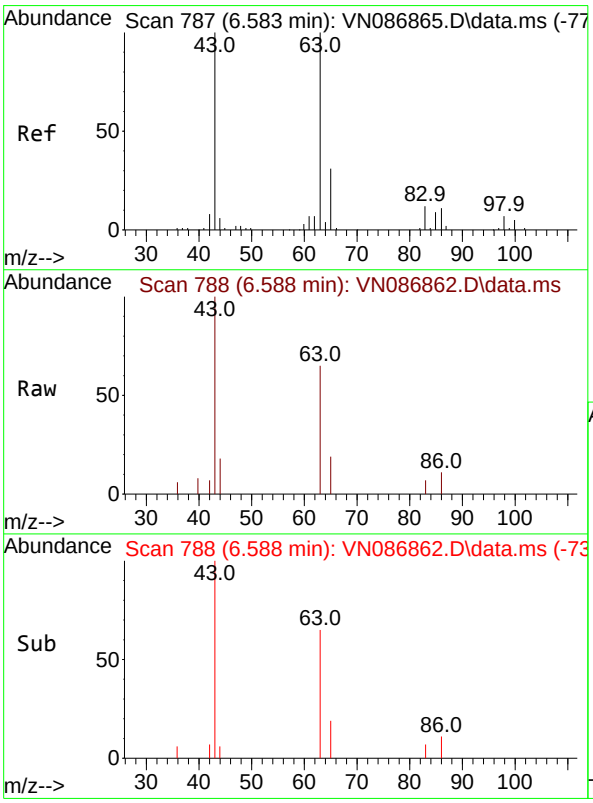
#23
Vinyl Acetate
Concen: 5.303 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 37075

Ion	Ratio	Lower	Upper
43	100		
86	10.0	9.5	14.3

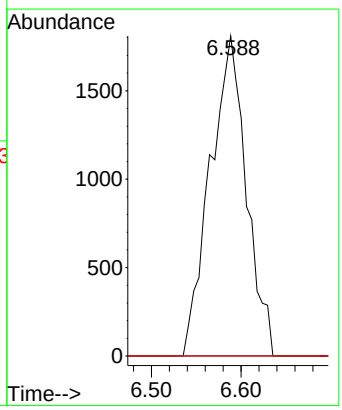


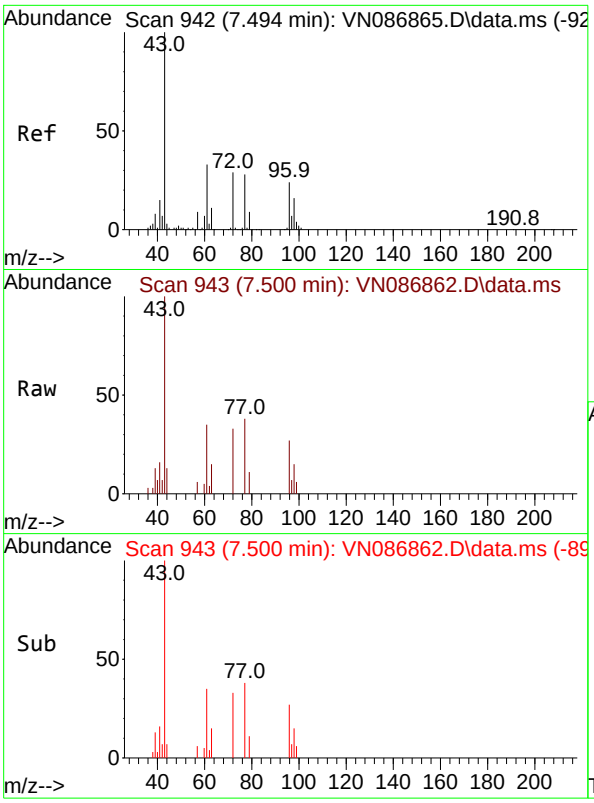


#24
1,1-Dichloroethane
Concen: 1.065 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 63 Resp: 5071

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.6	10.8#
100	0.0	2.6	7.8#



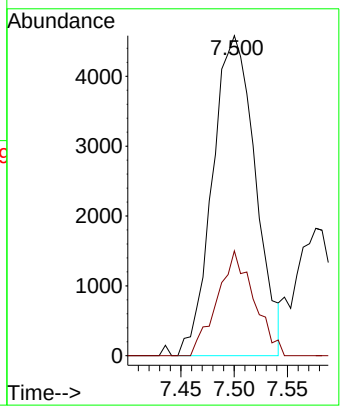


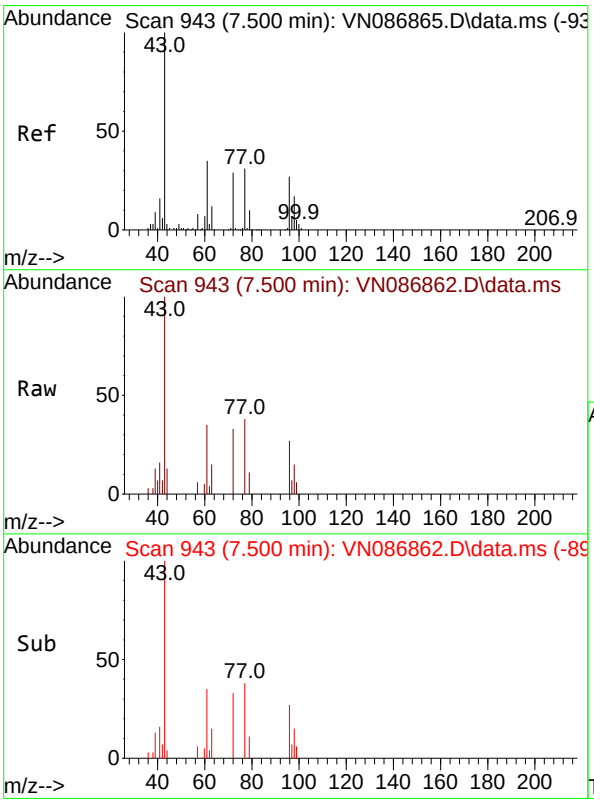
#25
2-Butanone
Concen: 5.231 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 12841

Ion	Ratio	Lower	Upper
43	100		
72	32.7	23.0	34.6

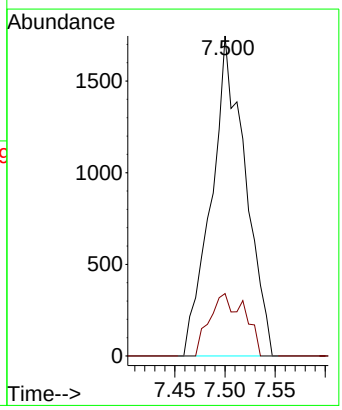


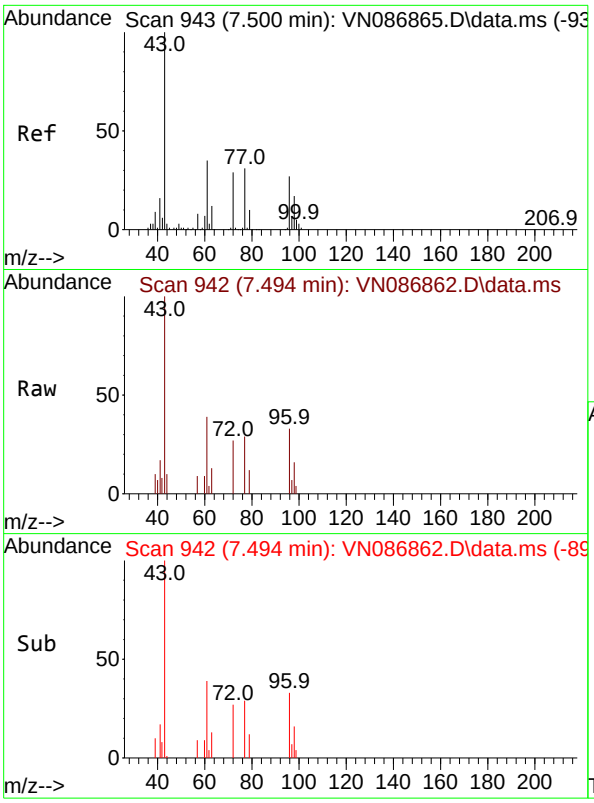


#26
2,2-Dichloropropane
Concen: 1.110 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 77 Resp: 4112

Ion	Ratio	Lower	Upper
77	100		
97	20.1	11.6	34.7



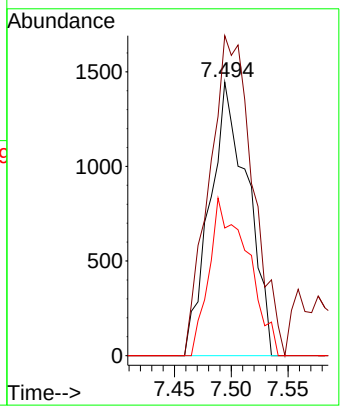


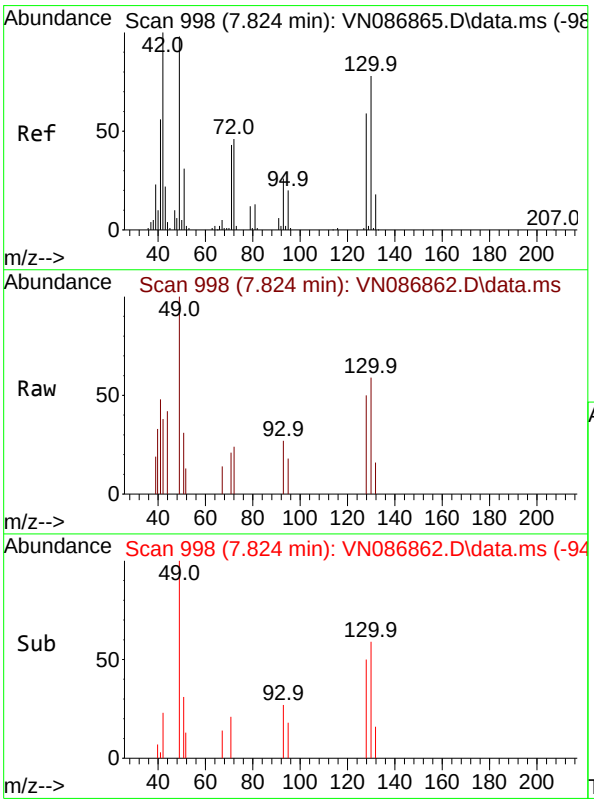
#27
cis-1,2-Dichloroethene
Concen: 1.062 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 3345

Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	278.0
98	58.7	0.0	128.2

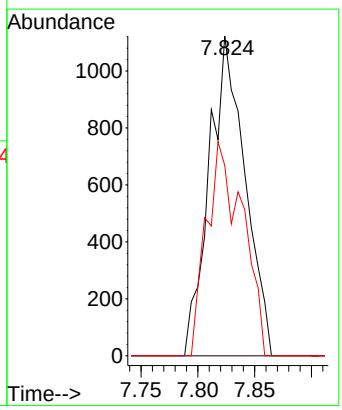


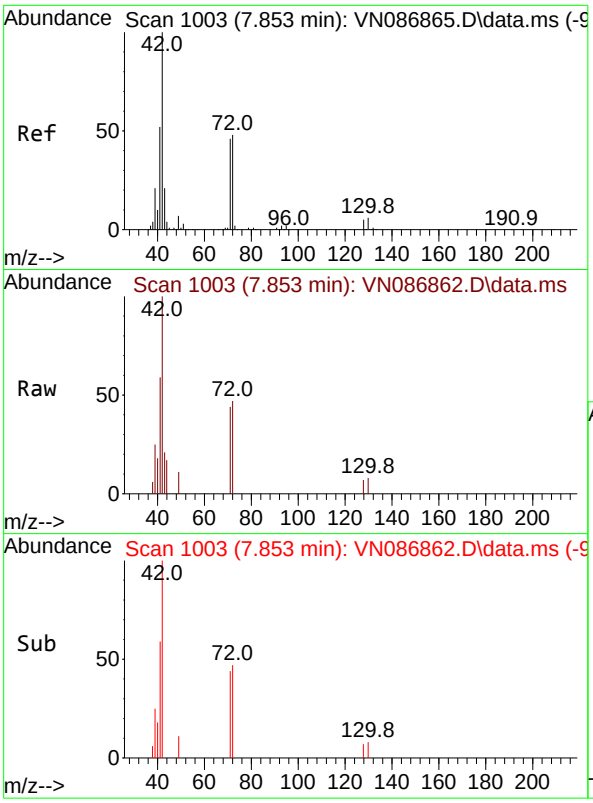


#28
Bromochloromethane
Concen: 1.052 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 49 Resp: 2464

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	67.5	62.2	93.2



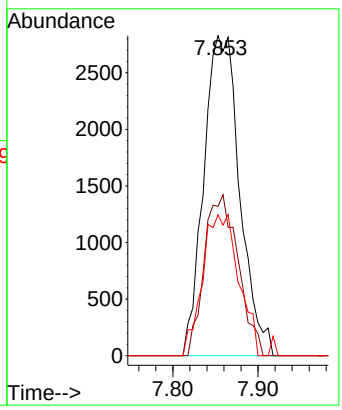


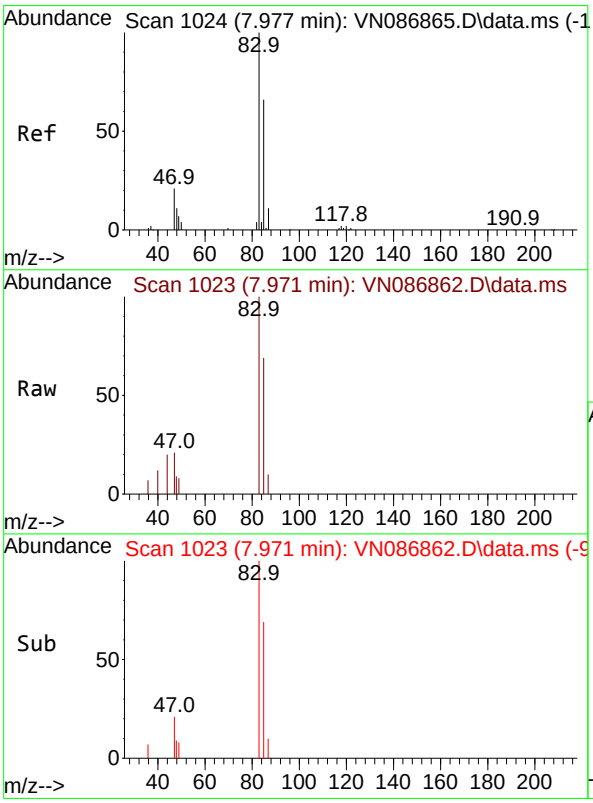
#29
Tetrahydrofuran
Concen: 5.191 ug/l
RT: 7.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 8301

Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.8	56.6
71	44.4	35.6	53.4

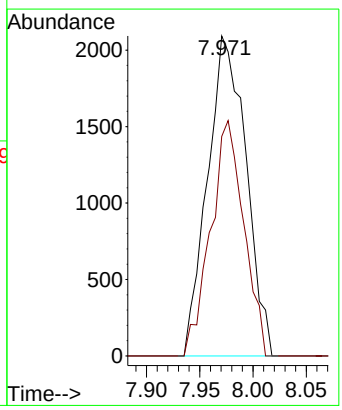


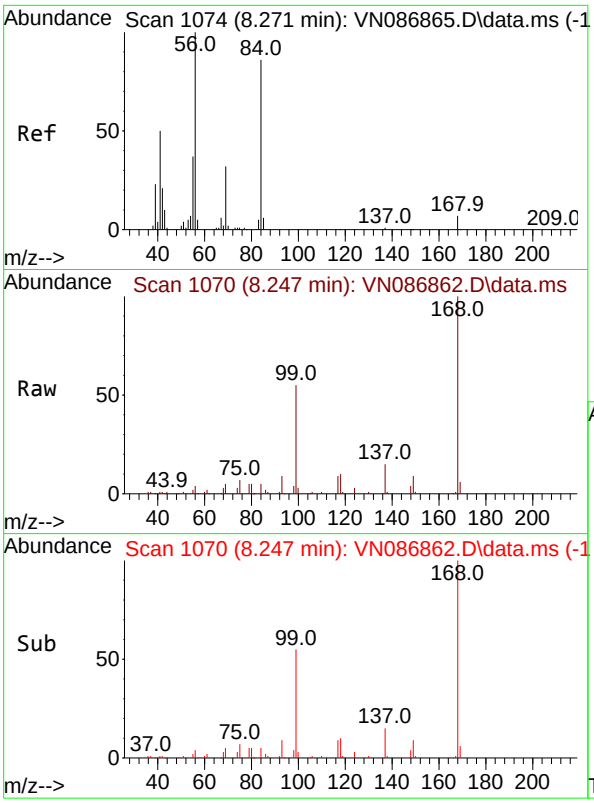


#30
Chloroform
Concen: 1.105 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 83 Resp: 5255

Ion	Ratio	Lower	Upper
83	100		
85	68.6	52.9	79.3



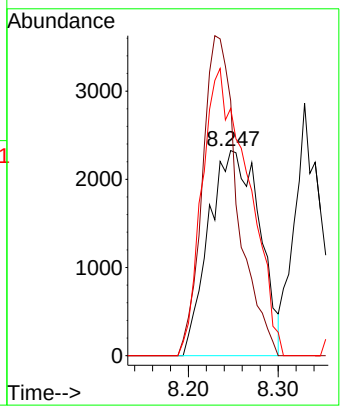


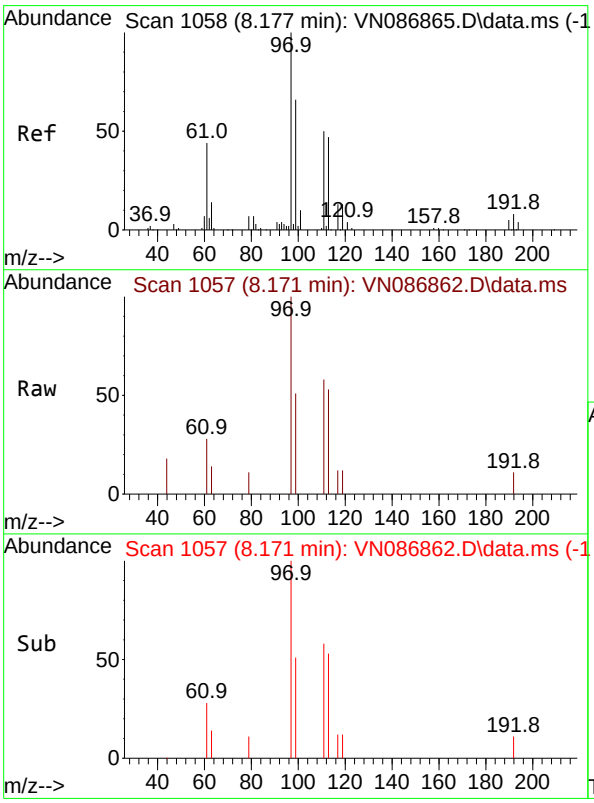
#31
Cyclohexane
Concen: 1.980 ug/l
RT: 8.247 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 9143

Ion	Ratio	Lower	Upper
56	100		
69	124.2	25.4	38.0#
84	120.5	68.8	103.2#

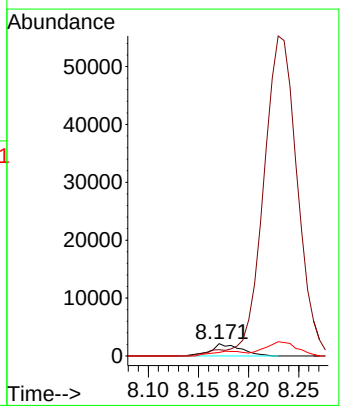


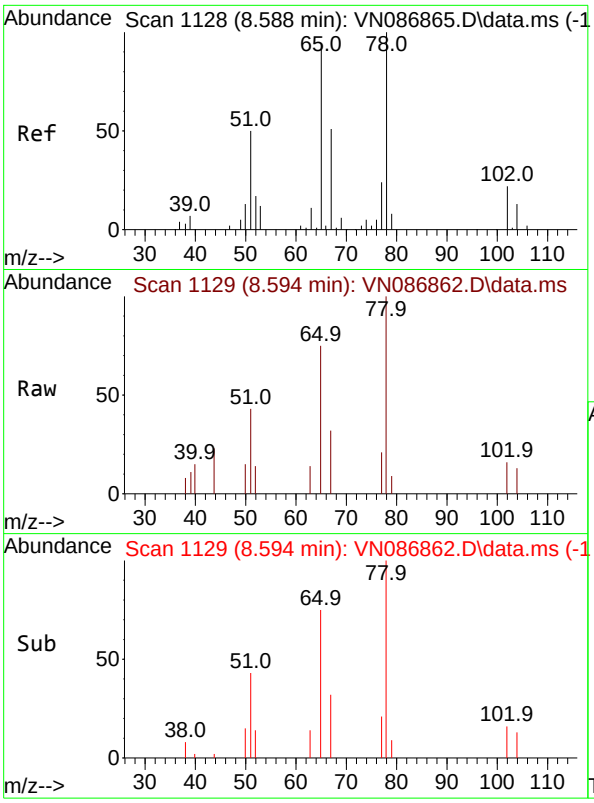


#32
1,1,1-Trichloroethane
Concen: 1.082 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 97 Resp: 4378

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	42.5	35.9	53.9



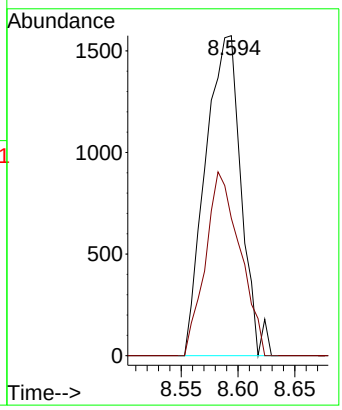


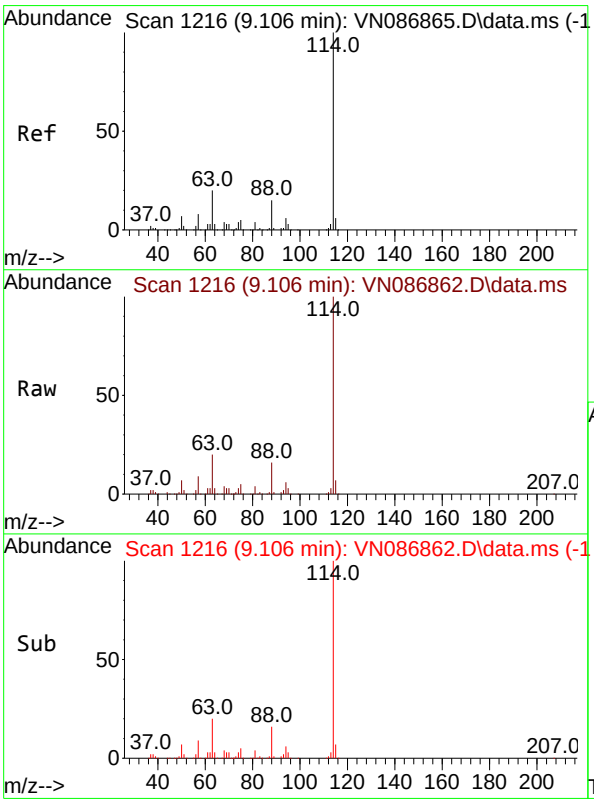
#33
1,2-Dichloroethane-d4
Concen: 1.204 ug/l
RT: 8.594 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 65 Resp: 3429

Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	105.6

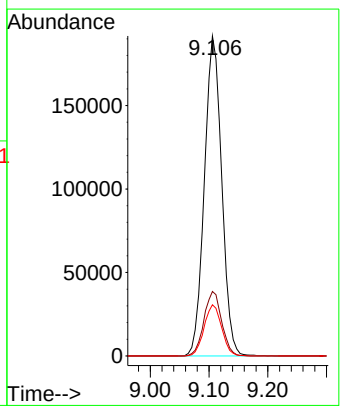


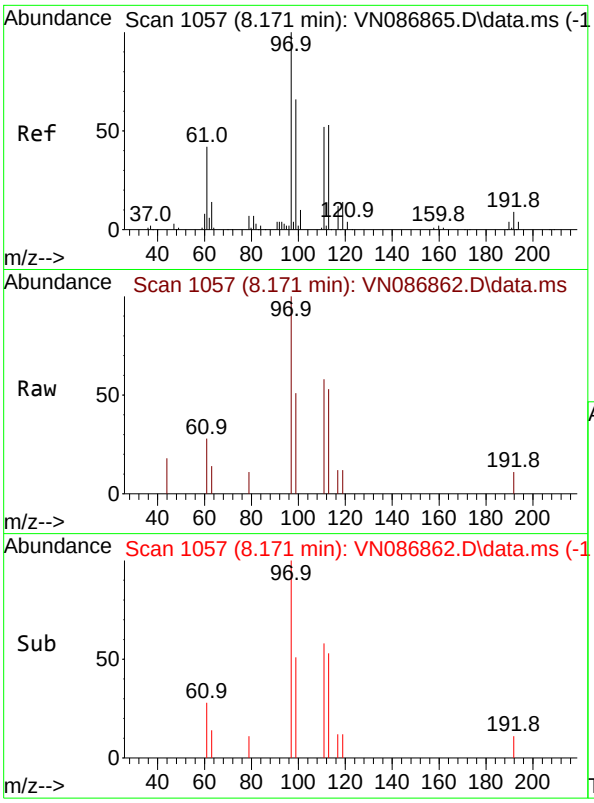


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:114 Resp: 393457

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	16.0	0.0	30.2



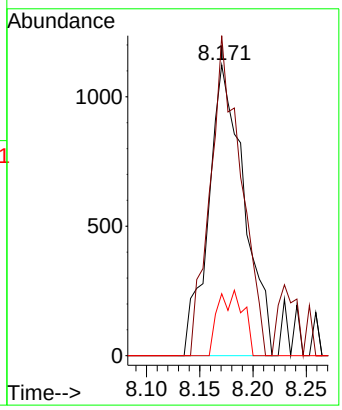


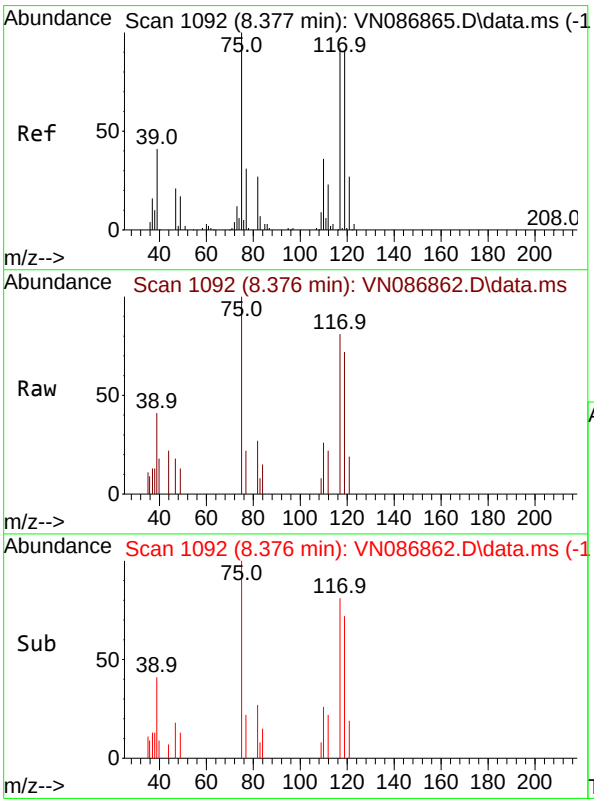
#35
Dibromofluoromethane
Concen: 1.126 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:113 Resp: 2626

Ion	Ratio	Lower	Upper
113	100		
111	94.8	84.2	126.2
192	7.7	14.2	21.4#

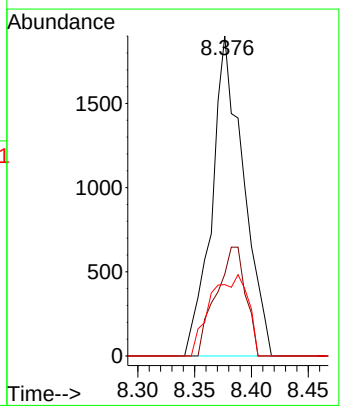


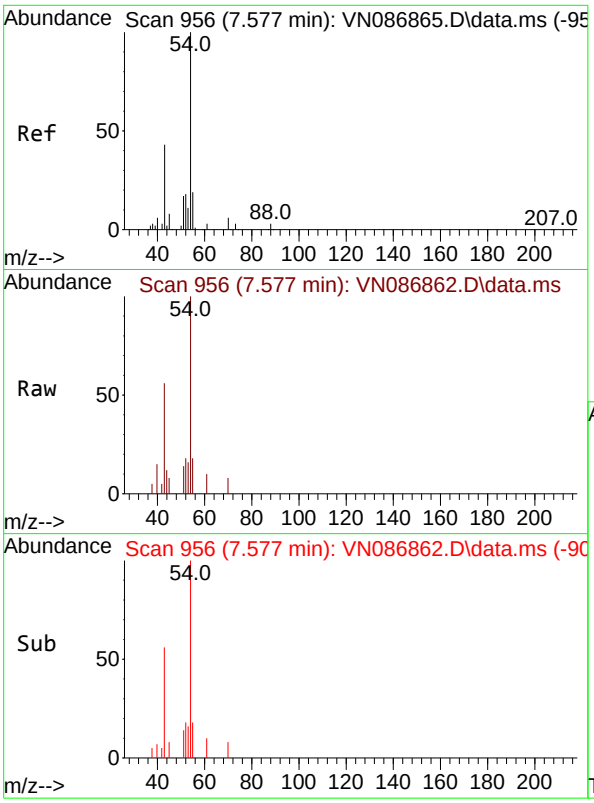


#36
1,1-Dichloropropene
Concen: 1.059 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 75 Resp: 3678

Ion	Ratio	Lower	Upper
75	100		
110	31.8	17.6	52.9
77	30.2	25.3	37.9



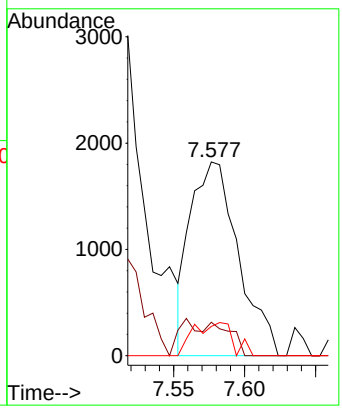


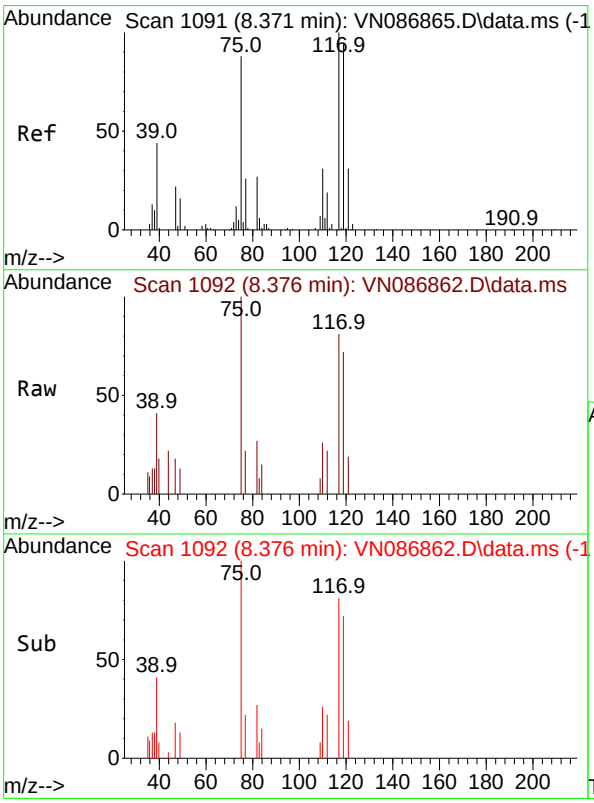
#37
Ethyl Acetate
Concen: 0.968 ug/l
RT: 7.577 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 4282

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	14.1	9.8	14.6

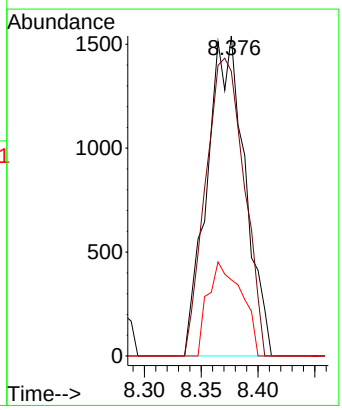


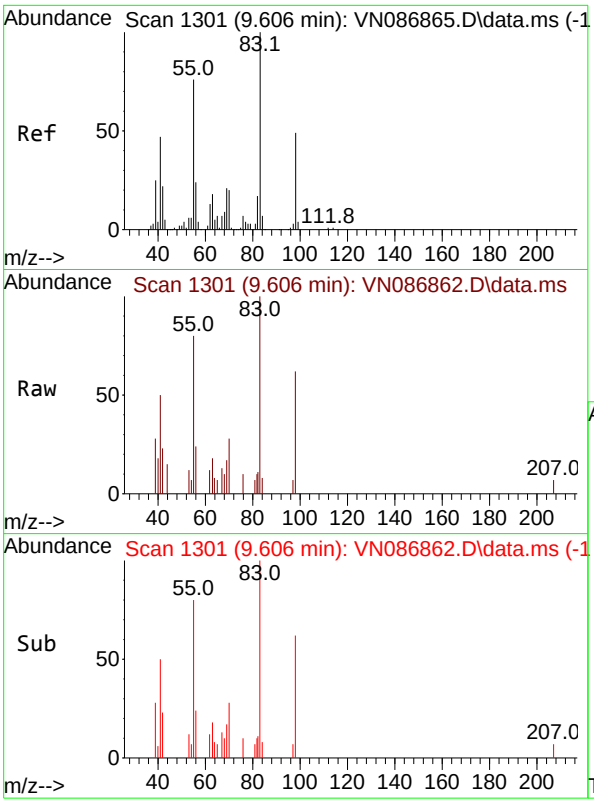


#38
Carbon Tetrachloride
Concen: 1.045 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:117 Resp: 3563

Ion	Ratio	Lower	Upper
117	100		
119	89.0	75.0	112.6
121	23.8	24.9	37.3#



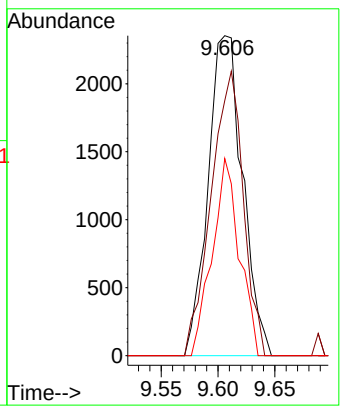


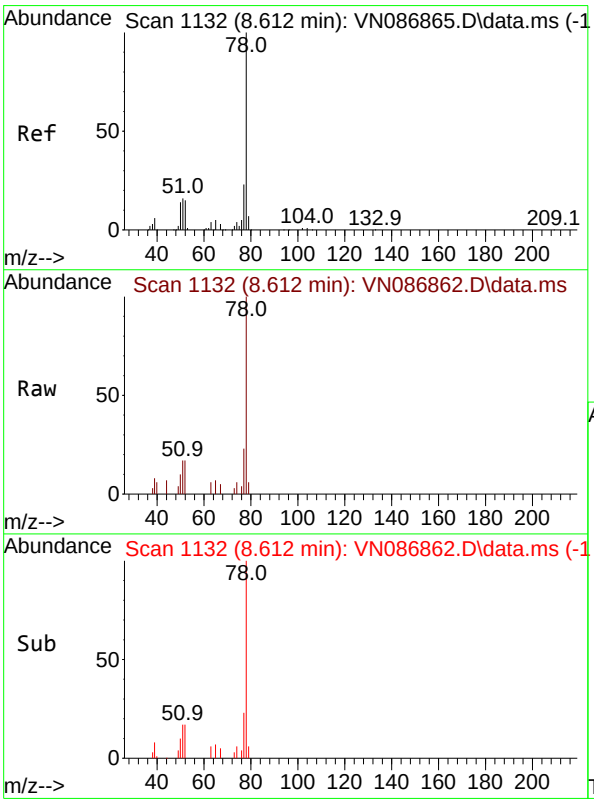
#39
Methylcyclohexane
Concen: 1.046 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 4981

Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.0	91.6
98	61.6	38.9	58.3#

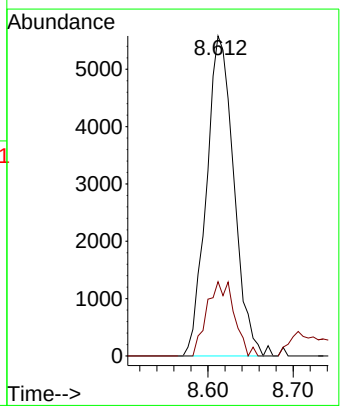


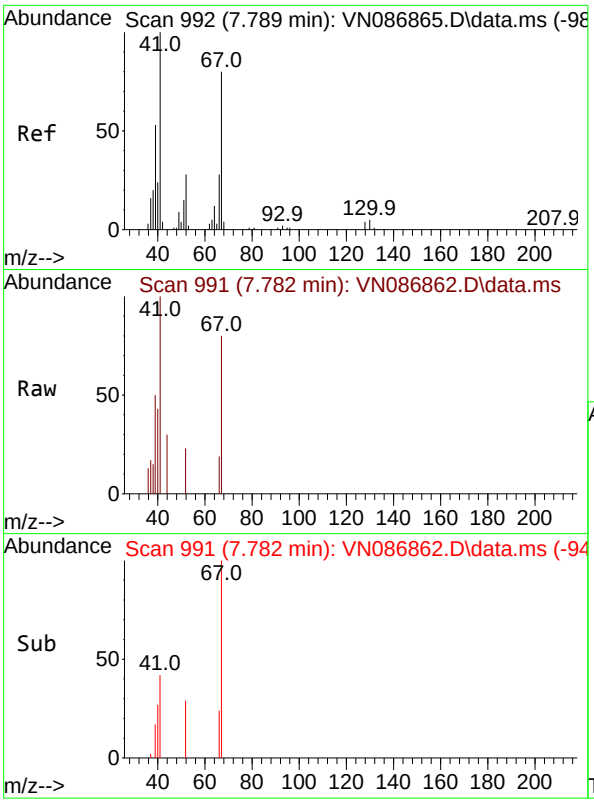


#40
Benzene
Concen: 1.100 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 78 Resp: 12498

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.7	28.1



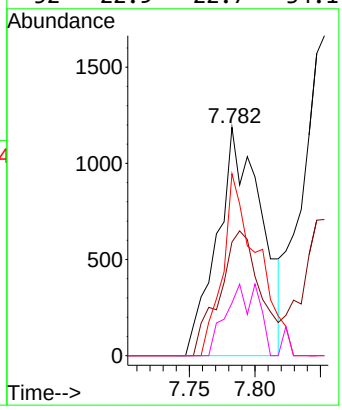


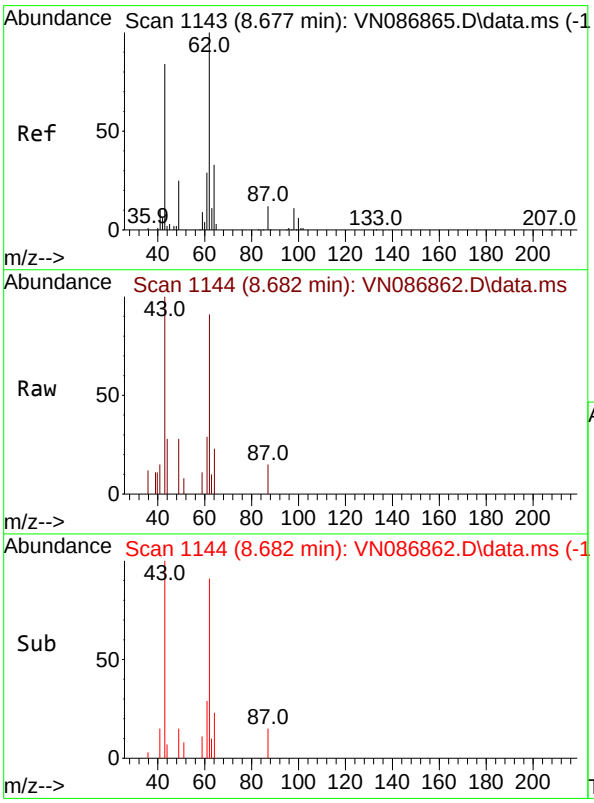
#41
Methacrylonitrile
Concen: 1.127 ug/l
RT: 7.782 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 2799

Ion	Ratio	Lower	Upper
41	100		
39	50.3	41.2	61.8
67	62.4	61.4	92.2
52	22.9	22.7	34.1

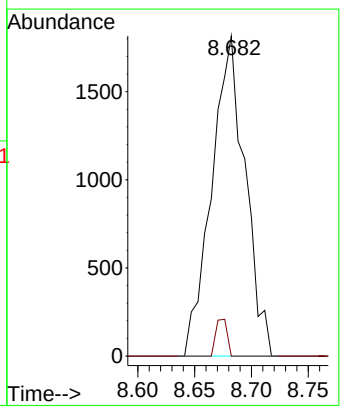


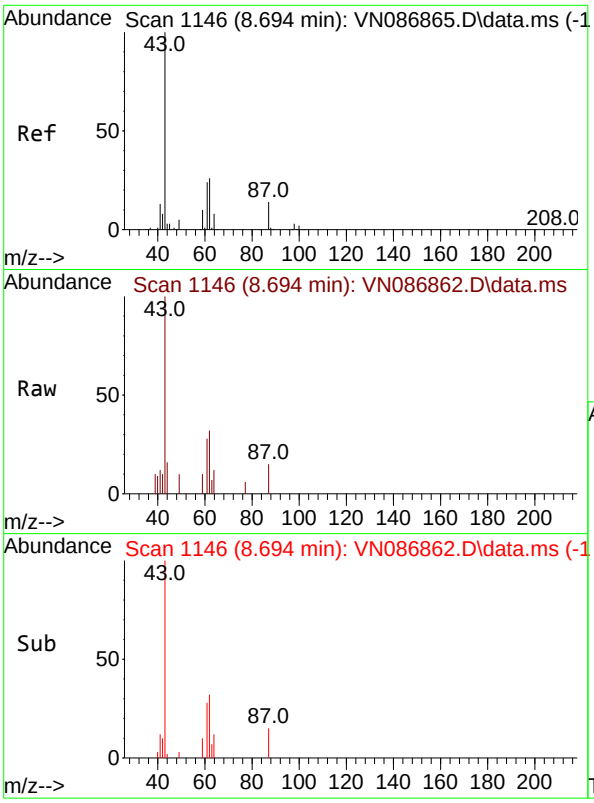


#42
1,2-Dichloroethane
Concen: 1.081 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 62 Resp: 3725

Ion	Ratio	Lower	Upper
62	100		
98	3.9	0.0	21.2



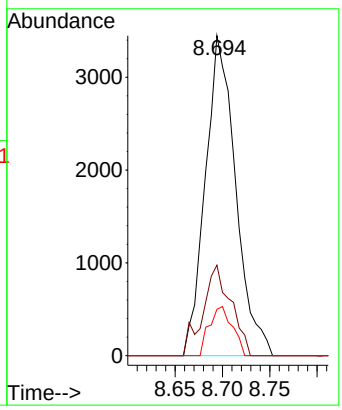


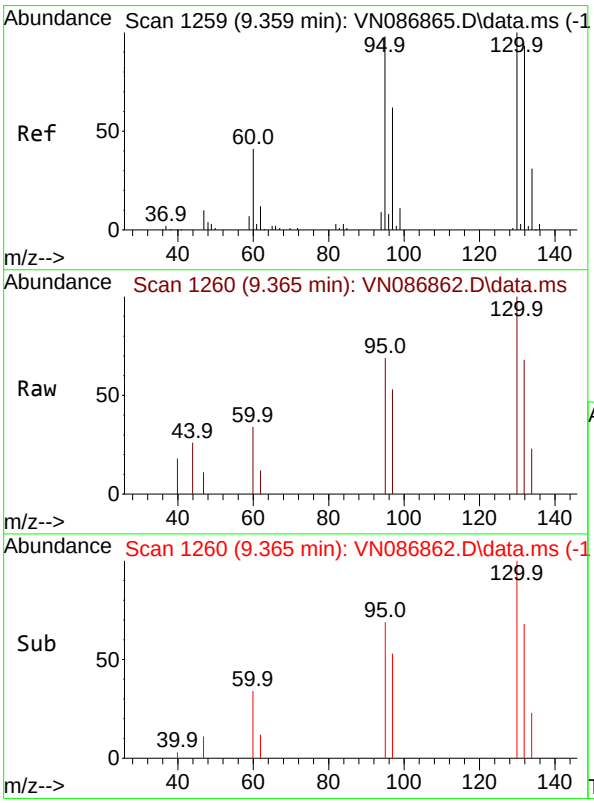
#43
Isopropyl Acetate
Concen: 1.081 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 7673

Ion	Ratio	Lower	Upper
43	100		
61	26.2	22.1	33.1
87	11.7	11.8	17.6#

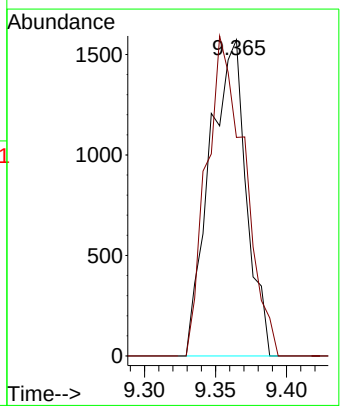


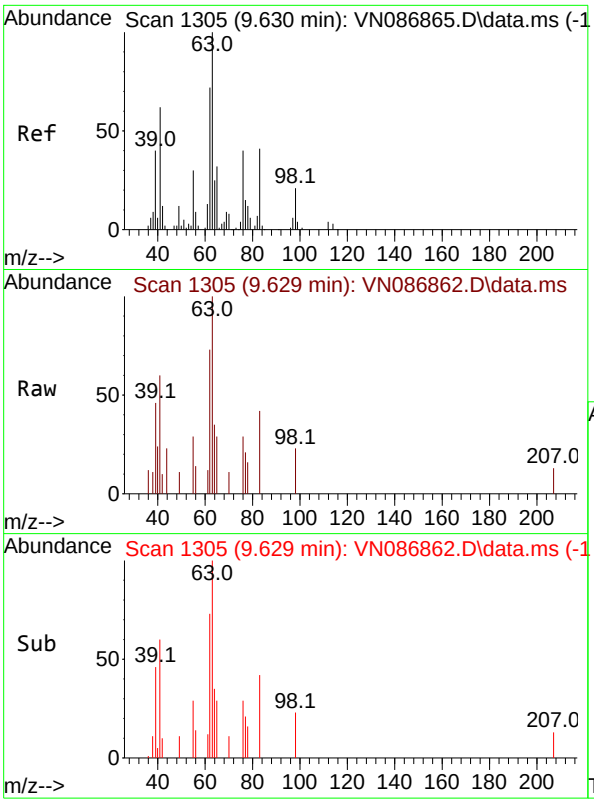


#44
Trichloroethene
Concen: 1.047 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:130 Resp: 2822

Ion	Ratio	Lower	Upper
130	100		
95	69.1	0.0	196.2



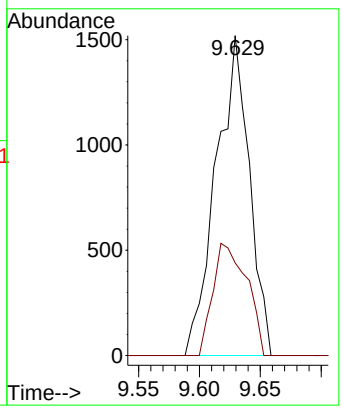


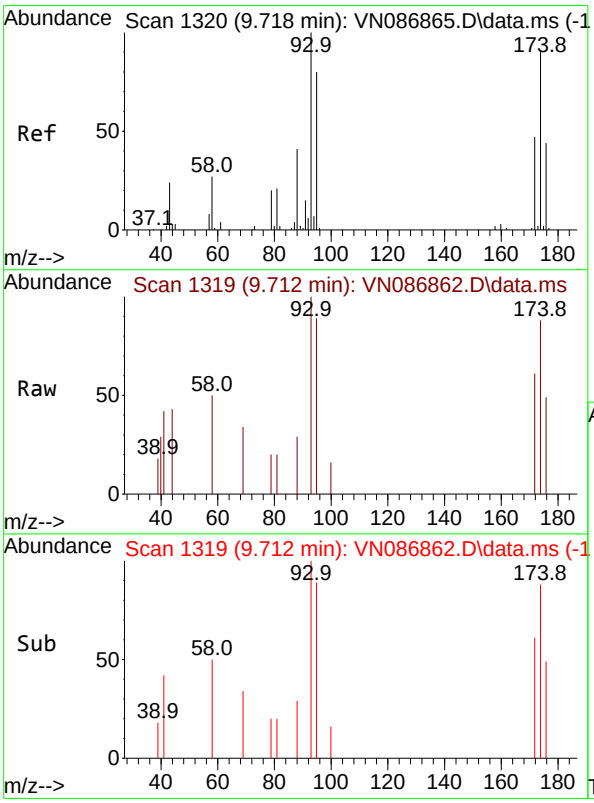
#45
1,2-Dichloropropane
Concen: 1.043 ug/l
RT: 9.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 2883

Ion	Ratio	Lower	Upper
63	100		
65	29.0	25.5	38.3

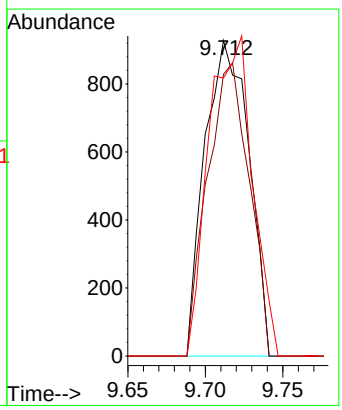


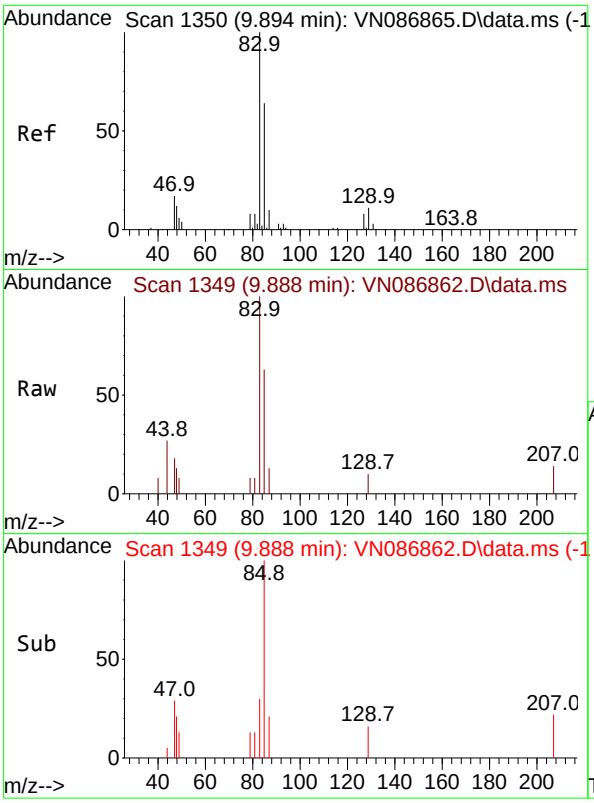


#46
Dibromomethane
Concen: 0.999 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 93 Resp: 1835

Ion	Ratio	Lower	Upper
93	100		
95	87.6	67.1	100.7
174	100.5	74.2	111.4



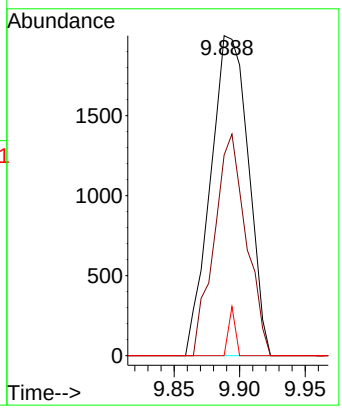


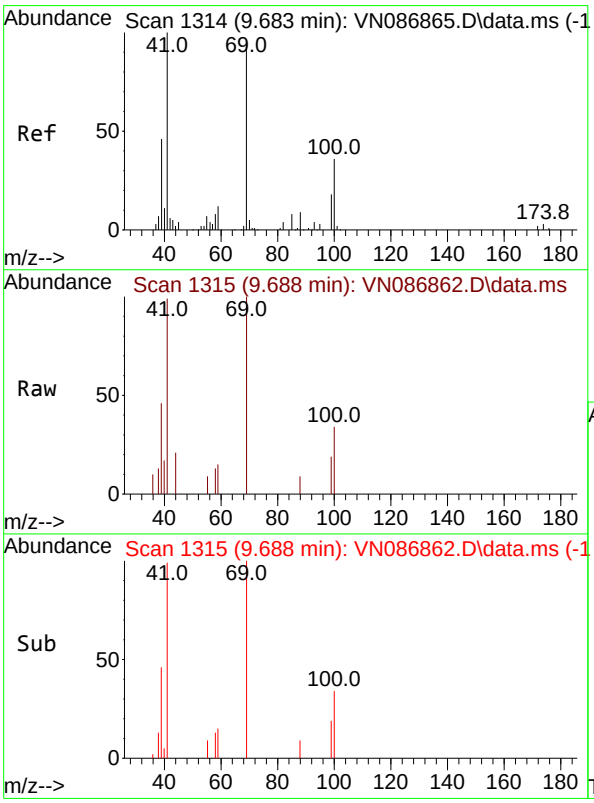
#47
Bromodichloromethane
Concen: 1.063 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 4017

Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.9	76.3
127	0.0	6.6	10.0#

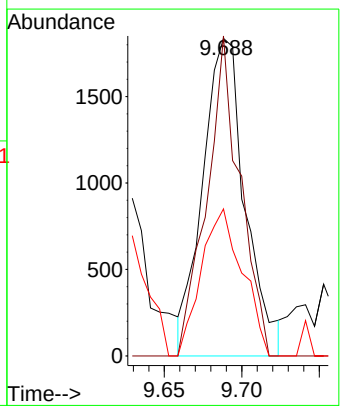


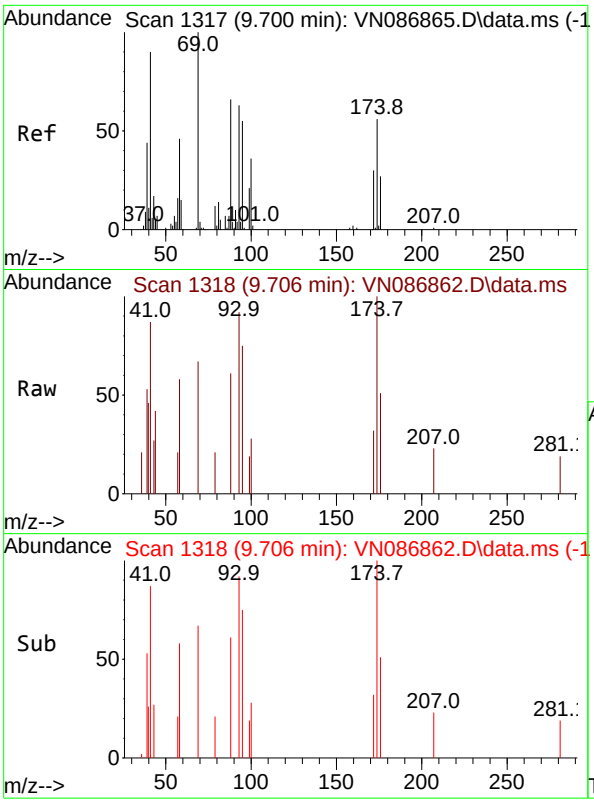


#48
Methyl methacrylate
Concen: 1.069 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 41 Resp: 3492

Ion	Ratio	Lower	Upper
41	100		
69	79.4	74.6	112.0
39	44.9	40.2	60.4



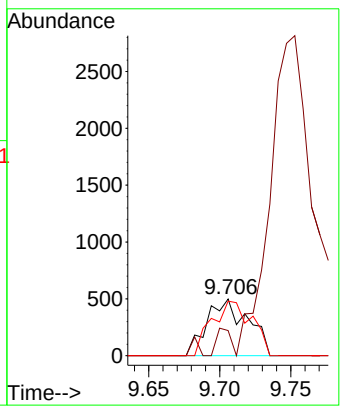


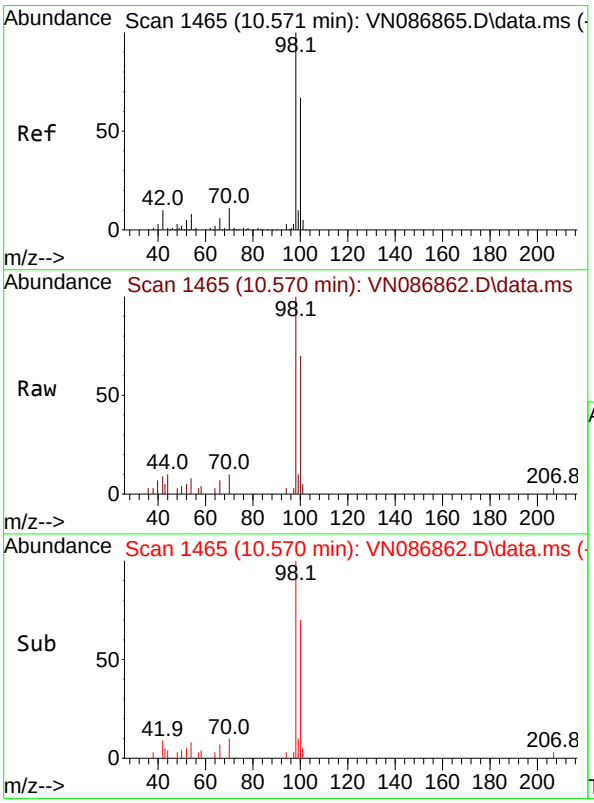
#49
1,4-Dioxane
Concen: 16.891 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 88 Resp: 1004

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	94.0	57.7	86.5#

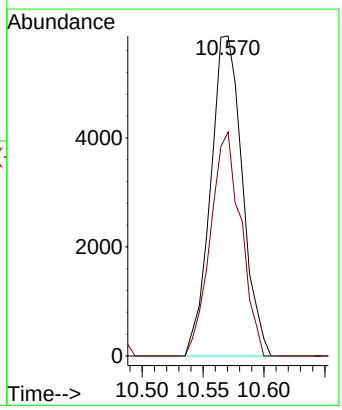


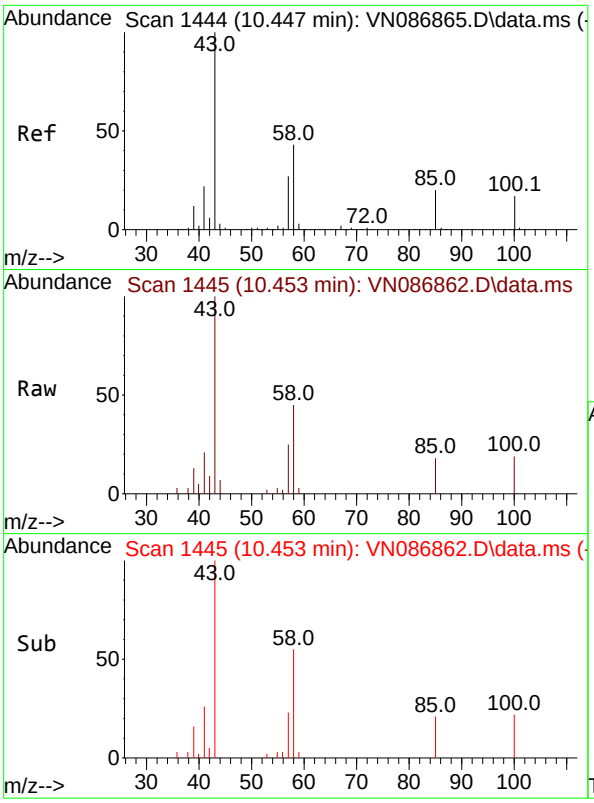


#50
Toluene-d8
Concen: 1.153 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 98 Resp: 10645

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.0



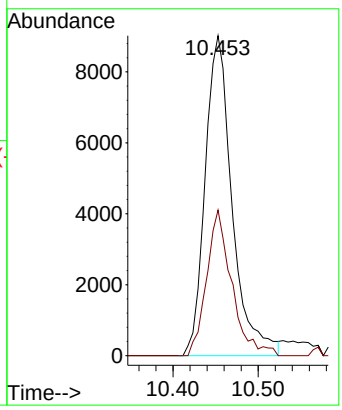


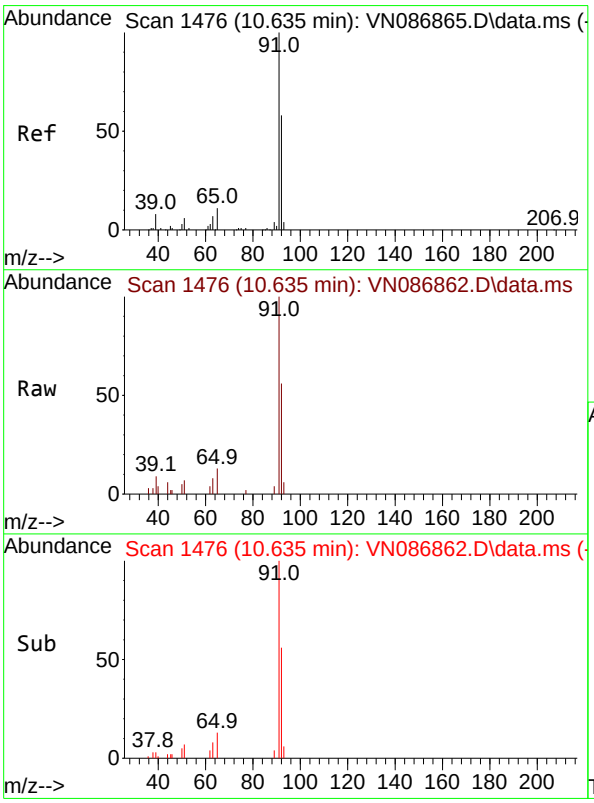
#51
4-Methyl-2-Pentanone
Concen: 4.653 ug/l
RT: 10.453 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 19886

Ion	Ratio	Lower	Upper
43	100		
58	42.3	34.2	51.4

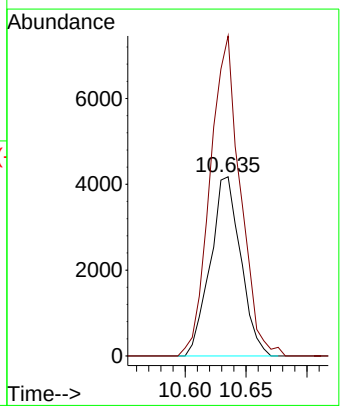


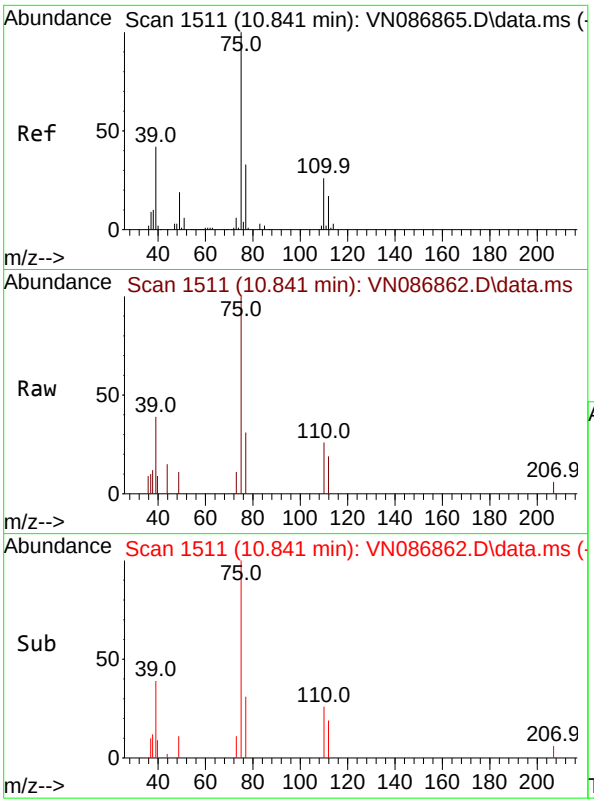


#52
Toluene
Concen: 1.041 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 92 Resp: 7227

Ion	Ratio	Lower	Upper
92	100		
91	178.1	136.5	204.7



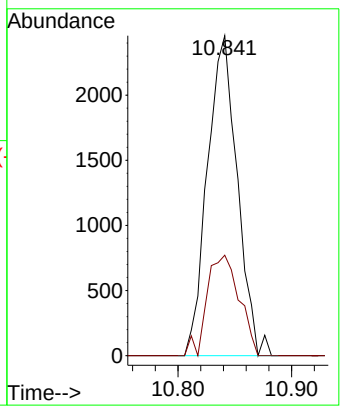


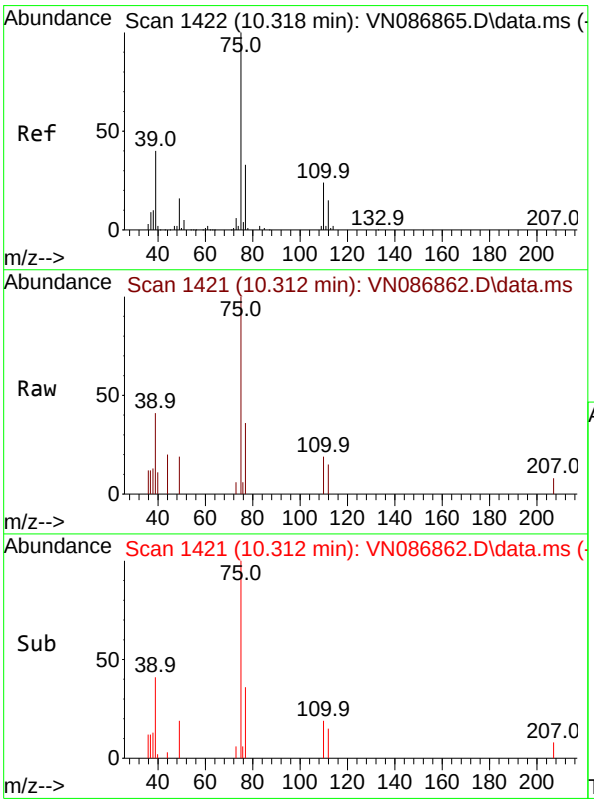
#53
t-1,3-Dichloropropene
Concen: 1.064 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 4494

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.4	39.6

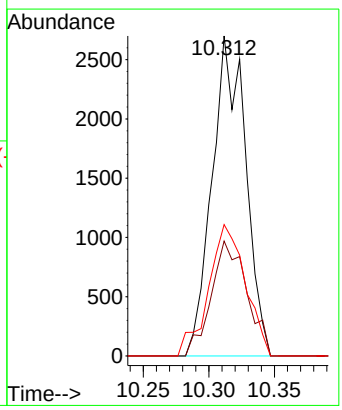


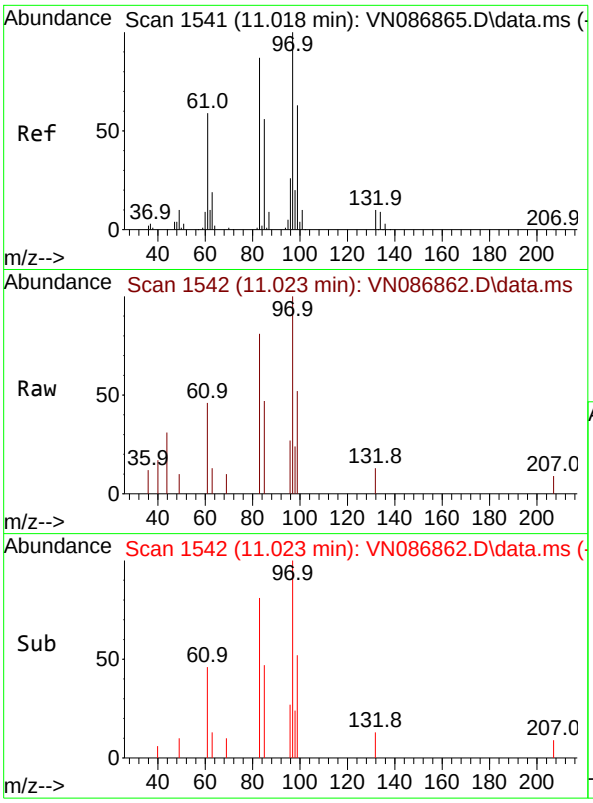


#54
cis-1,3-Dichloropropene
Concen: 1.060 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 75 Resp: 4792

Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.2	39.4
39	41.1	32.3	48.5



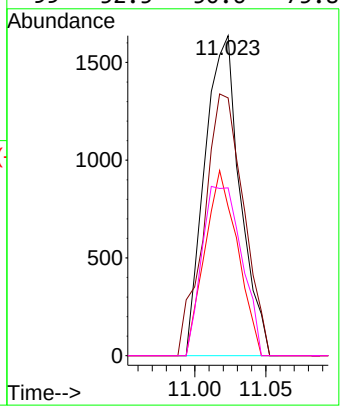


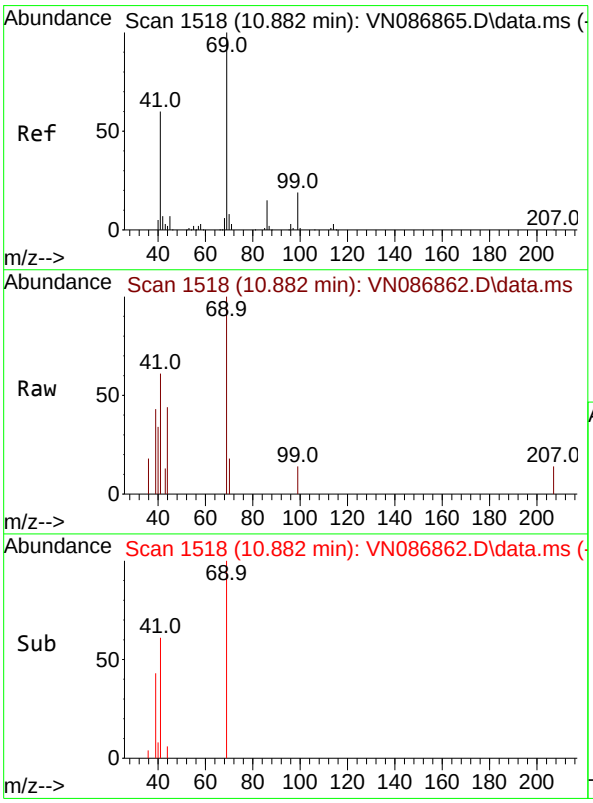
#55
1,1,2-Trichloroethane
Concen: 1.058 ug/l
RT: 11.023 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 2828

Ion	Ratio	Lower	Upper
97	100		
83	80.6	69.7	104.5
85	46.5	45.1	67.7
99	52.5	50.6	75.8

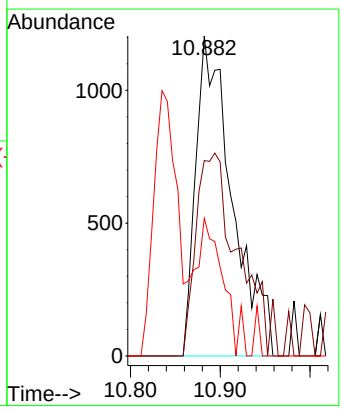


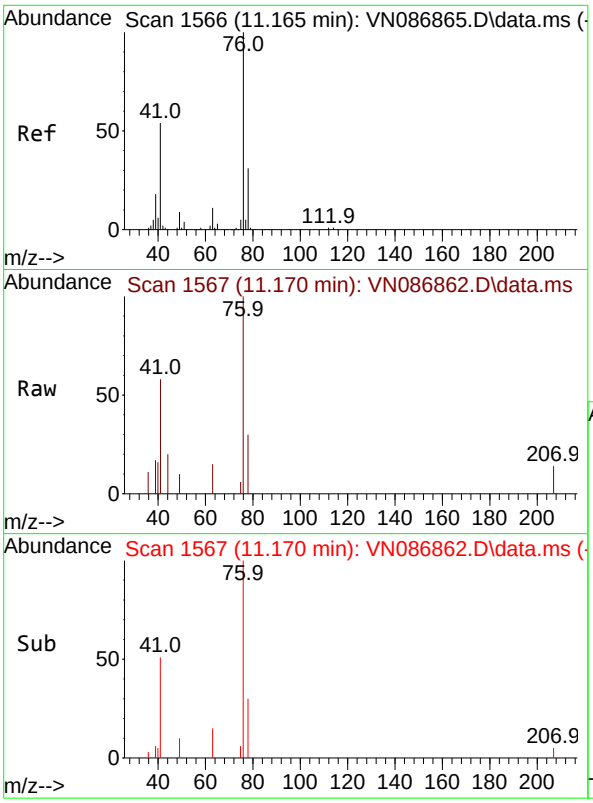


#56
Ethyl methacrylate
Concen: 0.800 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 69 Resp: 3406

Ion	Ratio	Lower	Upper
69	100		
41	73.5	47.2	70.8#
39	31.6	23.0	34.6



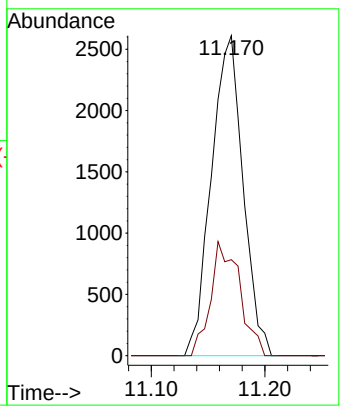


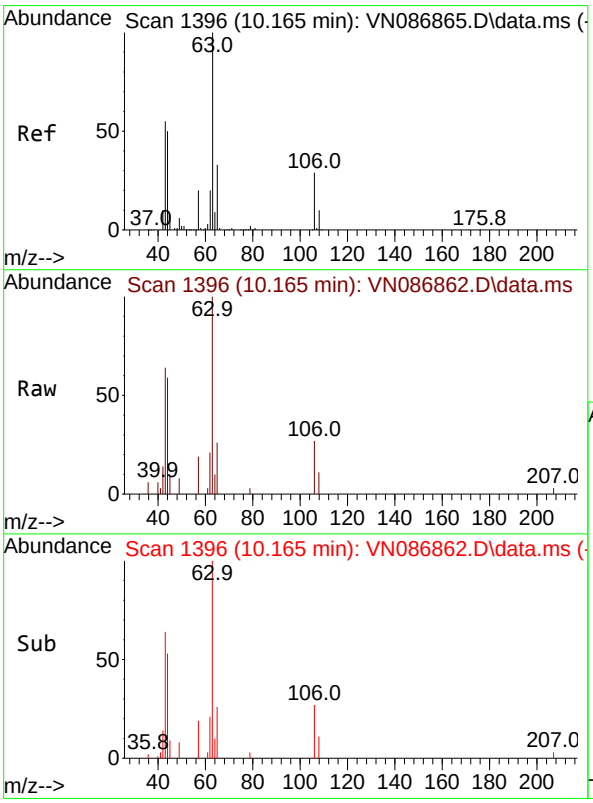
#57
1,3-Dichloropropane
Concen: 1.092 ug/l
RT: 11.170 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 5062

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.3	37.9

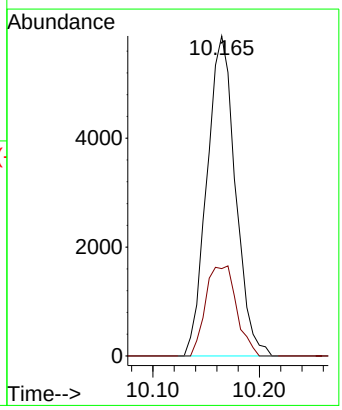


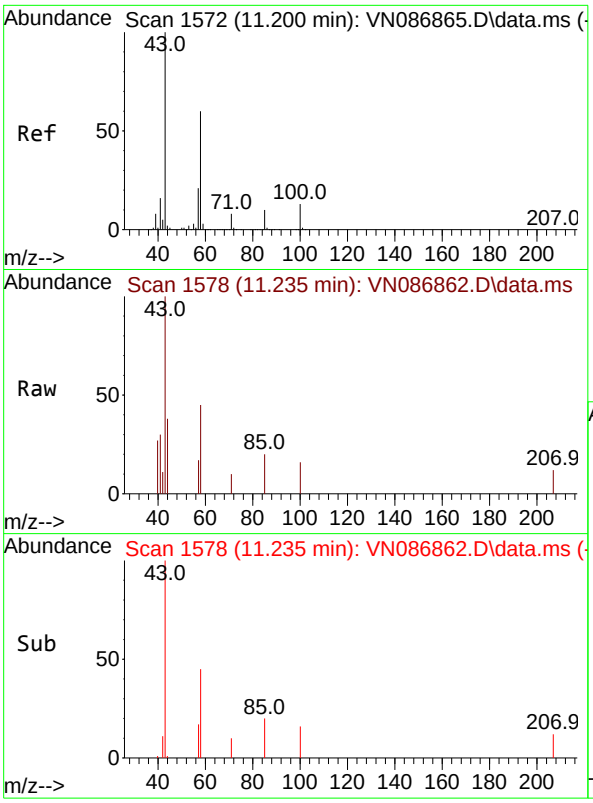


#58
2-Chloroethyl Vinyl ether
Concen: 4.304 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 63 Resp: 10924

Ion	Ratio	Lower	Upper
63	100		
106	30.4	23.0	34.6



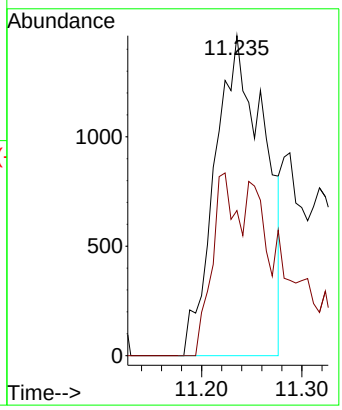


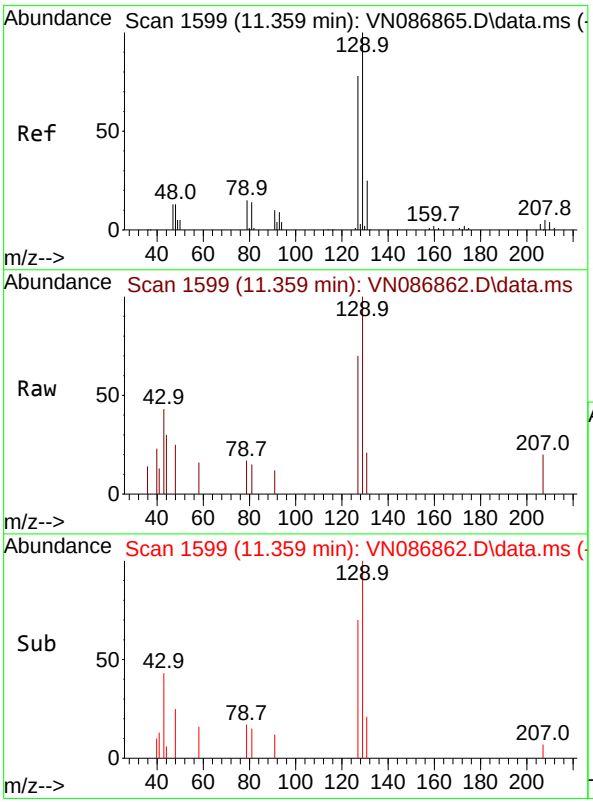
#59
2-Hexanone
Concen: 1.822 ug/l
RT: 11.235 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 5016

Ion	Ratio	Lower	Upper
43	100		
58	11.5	30.4	91.3#

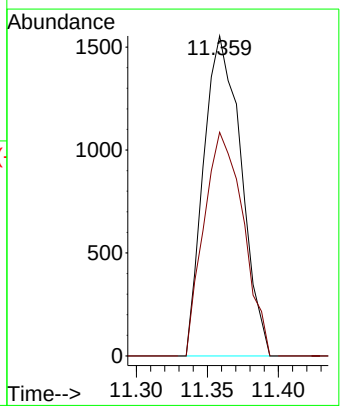


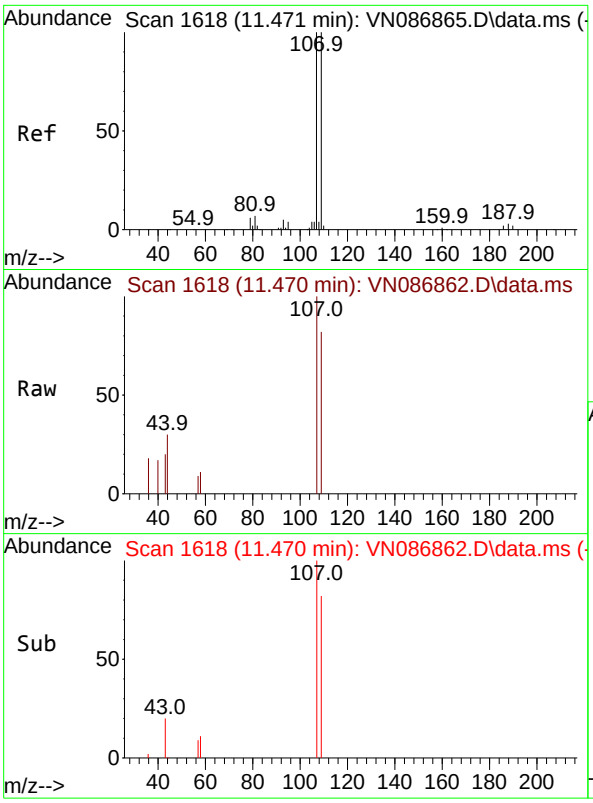


#60
Dibromochloromethane
Concen: 1.021 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:129 Resp: 2843

Ion	Ratio	Lower	Upper
129	100		
127	73.8	38.6	115.8



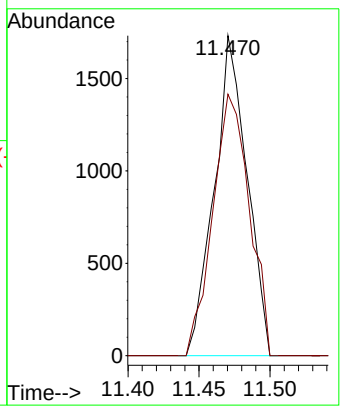


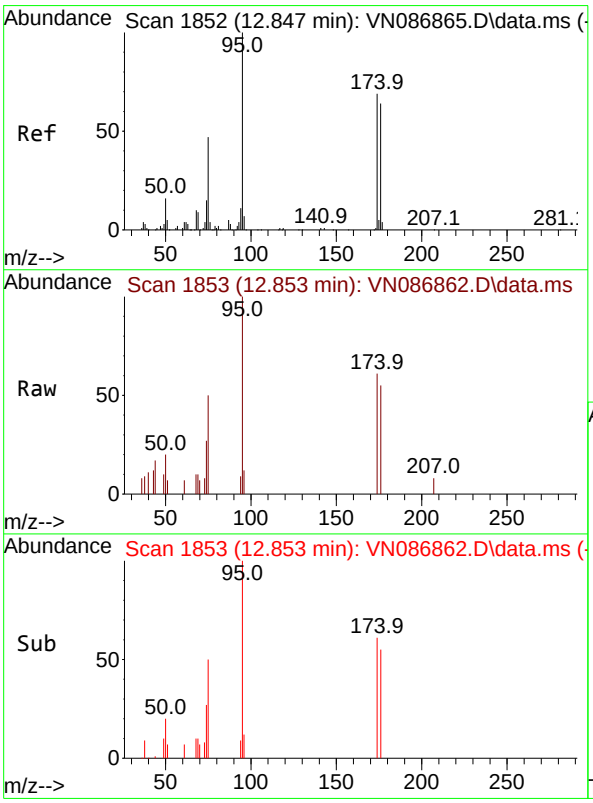
#61
1,2-Dibromoethane
Concen: 1.014 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 2777

Ion	Ratio	Lower	Upper
107	100		
109	91.2	76.3	114.5

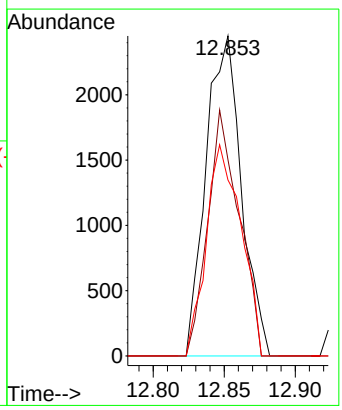


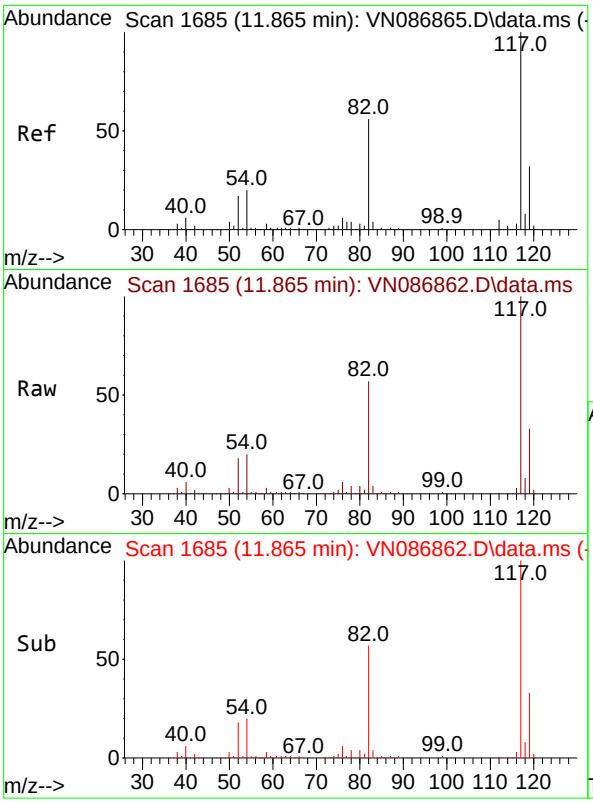


#62
4-Bromofluorobenzene
Concen: 1.240 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 95 Resp: 4252

Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	141.8
176	65.0	0.0	132.6



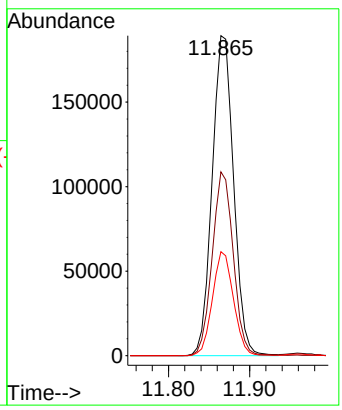


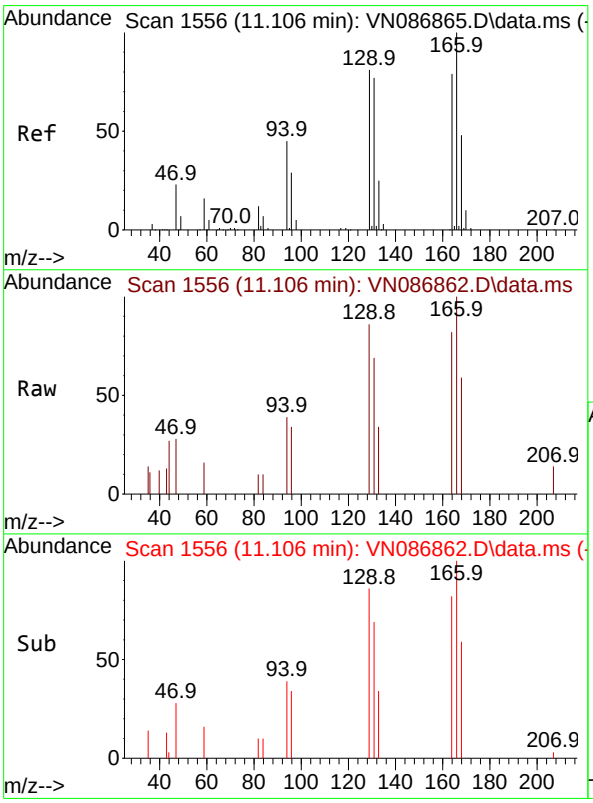
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 348010

Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.6	67.0
119	32.5	25.5	38.3

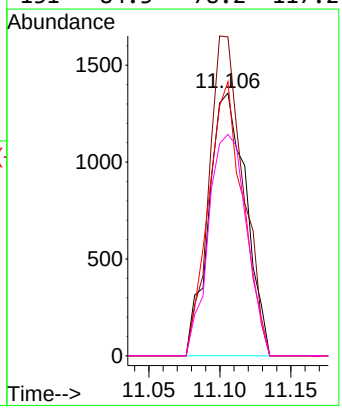


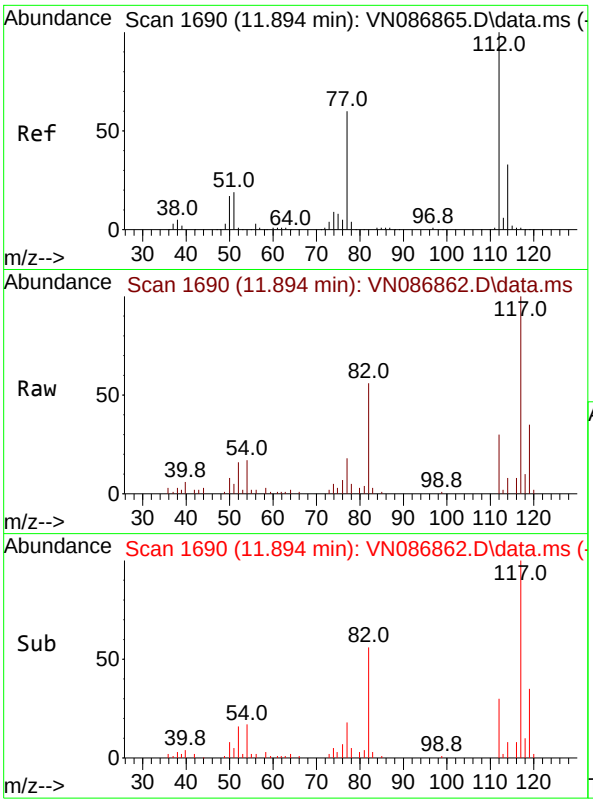


#64
Tetrachloroethene
Concen: 1.123 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:164 Resp: 2473

Ion	Ratio	Lower	Upper
164	100		
166	121.4	101.8	152.8
129	104.4	83.0	124.4
131	84.3	78.2	117.2



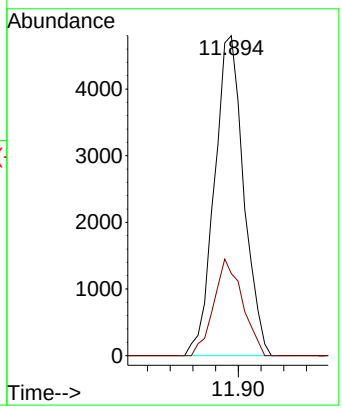


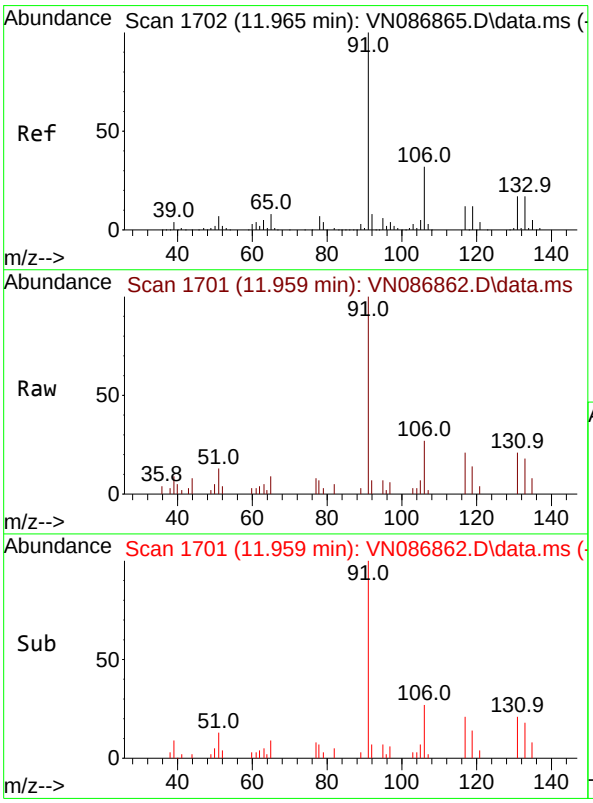
#65
Chlorobenzene
Concen: 1.118 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 8581

Ion	Ratio	Lower	Upper
112	100		
114	25.7	26.2	39.2#

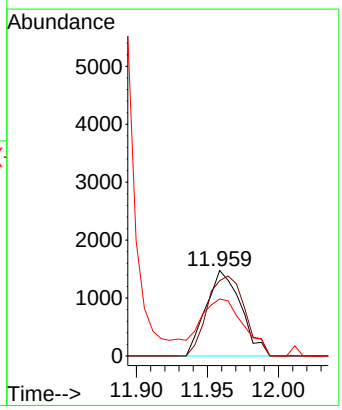


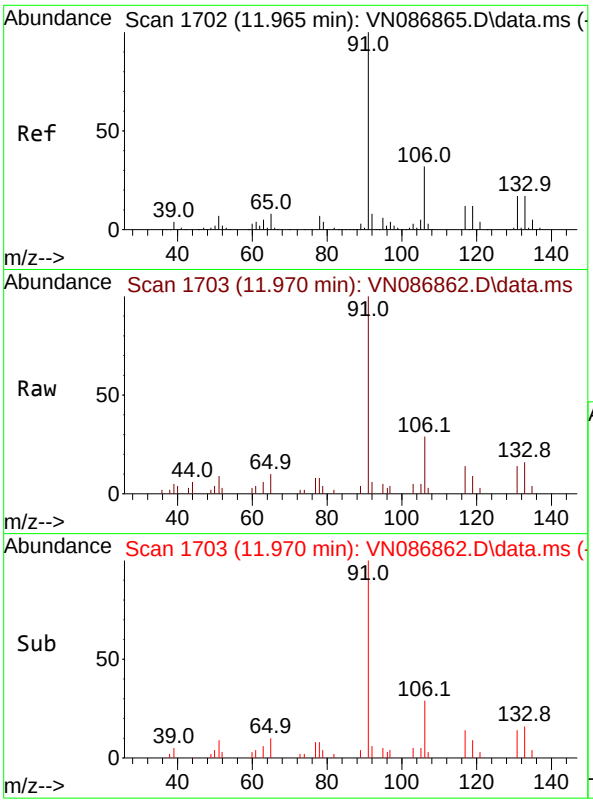


#66
1,1,1,2-Tetrachloroethane
Concen: 1.023 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:131 Resp: 2523

Ion	Ratio	Lower	Upper
131	100		
133	100.9	48.3	144.8
119	0.0	34.0	101.8#



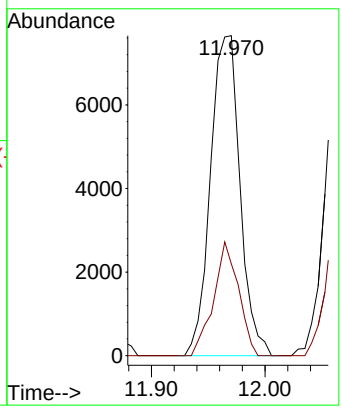


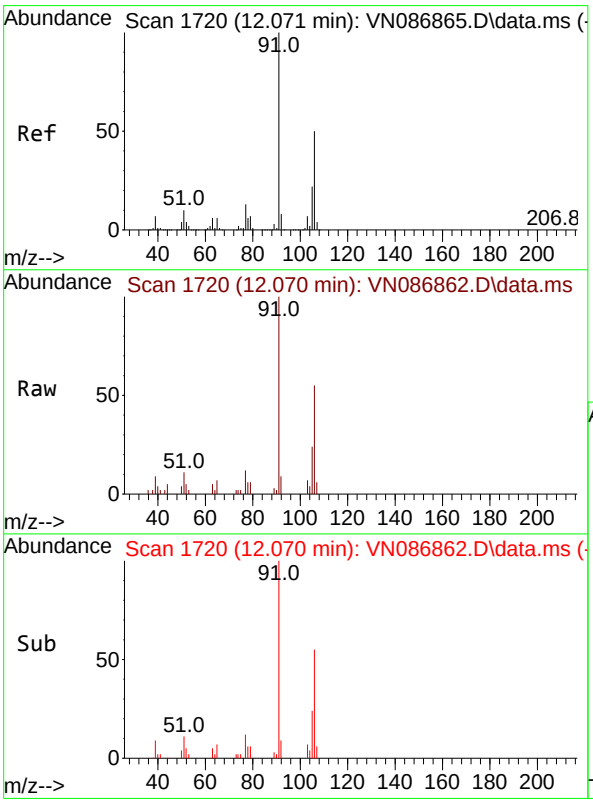
#67
Ethyl Benzene
Concen: 1.047 ug/l
RT: 11.970 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 13845

Ion	Ratio	Lower	Upper
91	100		
106	28.7	25.4	38.2

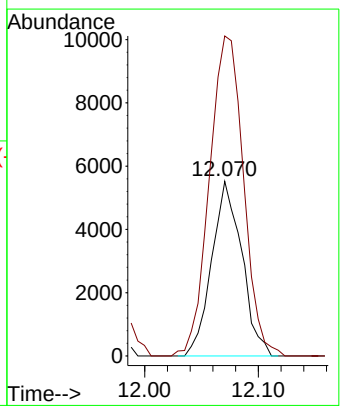


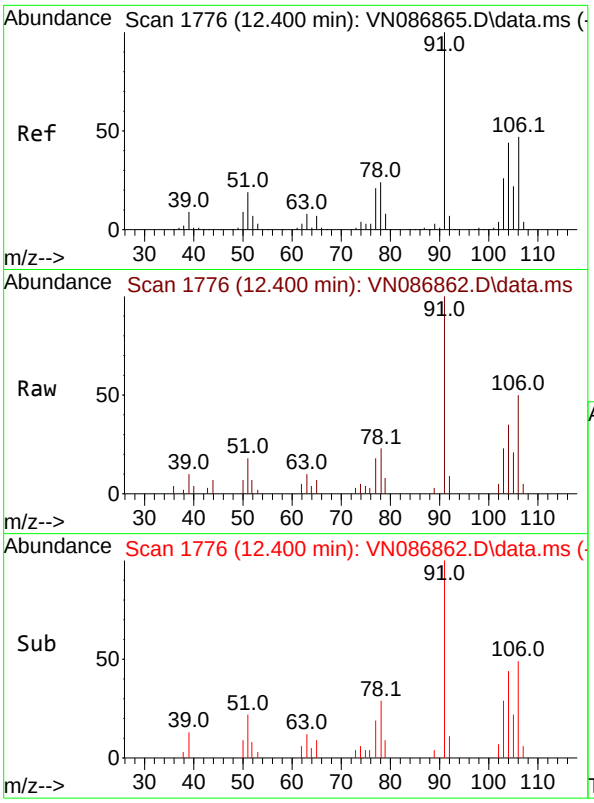


#68
m/p-Xylenes
Concen: 2.008 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:106 Resp: 10163

Ion	Ratio	Lower	Upper
106	100		
91	207.3	159.4	239.0



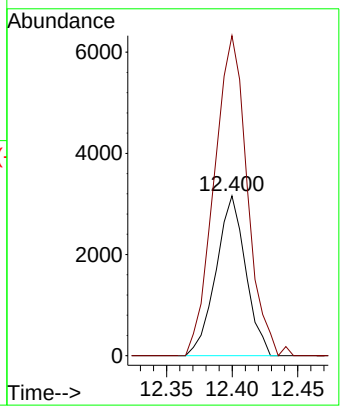


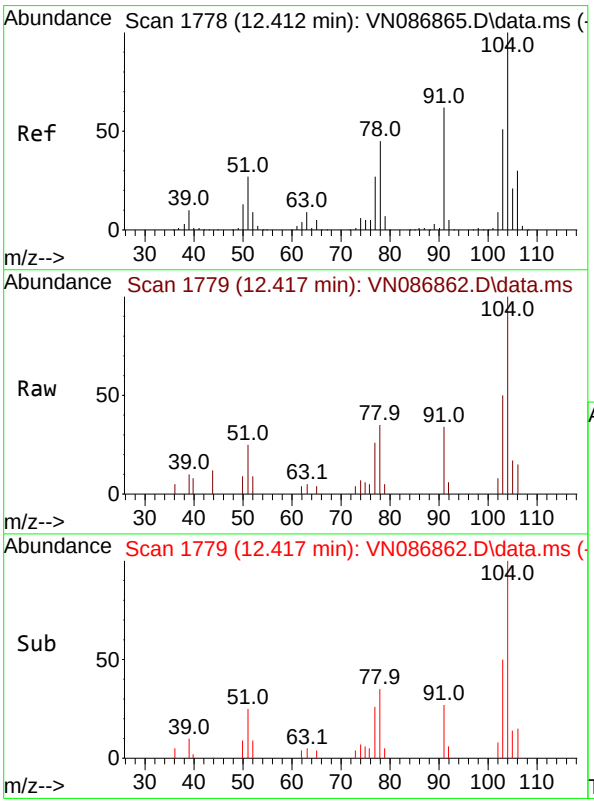
#69
o-Xylene
Concen: 1.025 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 4970

Ion	Ratio	Lower	Upper
106	100		
91	223.6	106.1	318.1

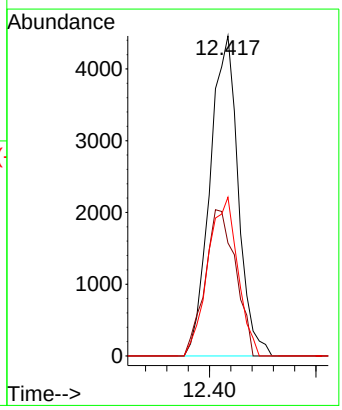


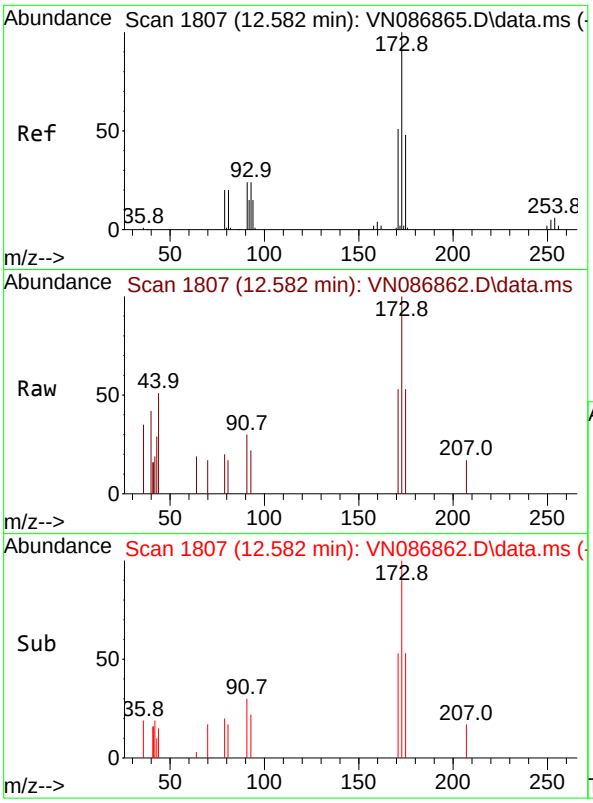


#70
Styrene
Concen: 0.987 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:104 Resp: 8189

Ion	Ratio	Lower	Upper
104	100		
78	49.6	38.5	57.7
103	52.5	43.1	64.7



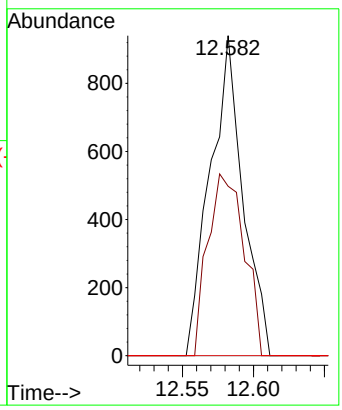


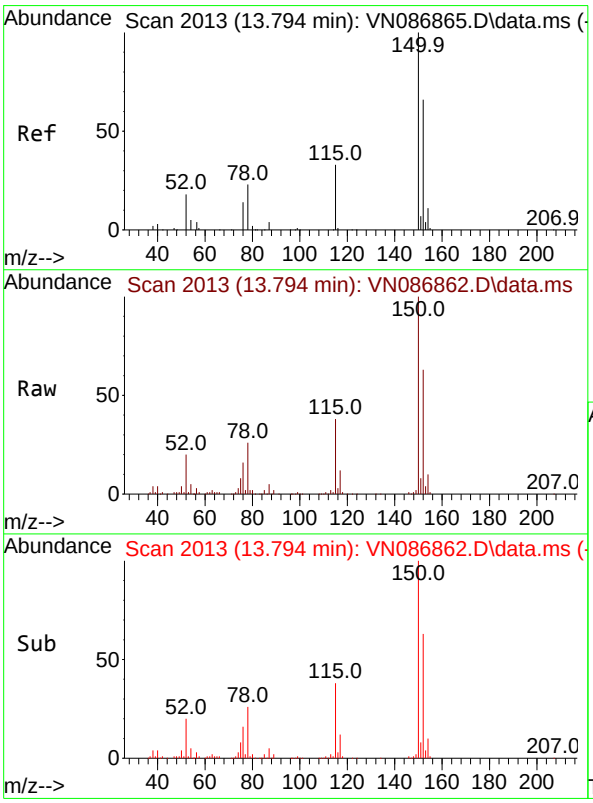
#71
Bromoform
Concen: 0.825 ug/l
RT: 12.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 1508

Ion	Ratio	Lower	Upper
173	100		
175	63.1	24.1	72.4
254	0.0	0.0	0.0

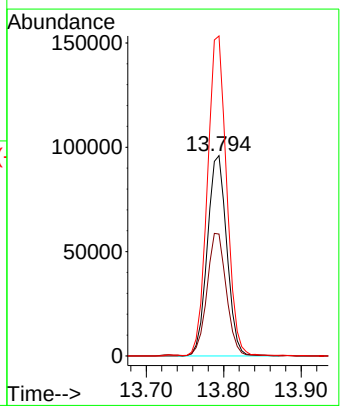


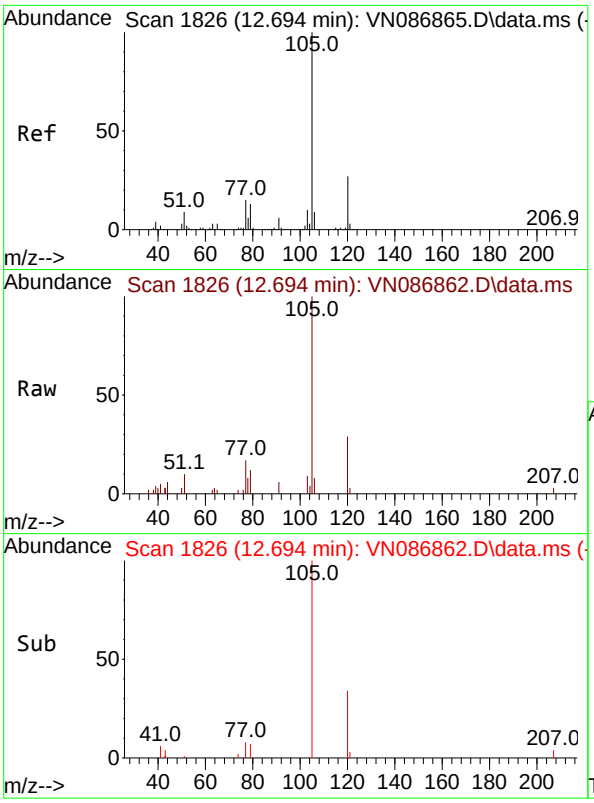


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:152 Resp: 167399

Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.1	90.5
150	158.0	0.0	345.0



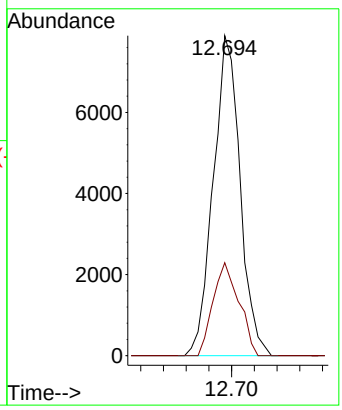


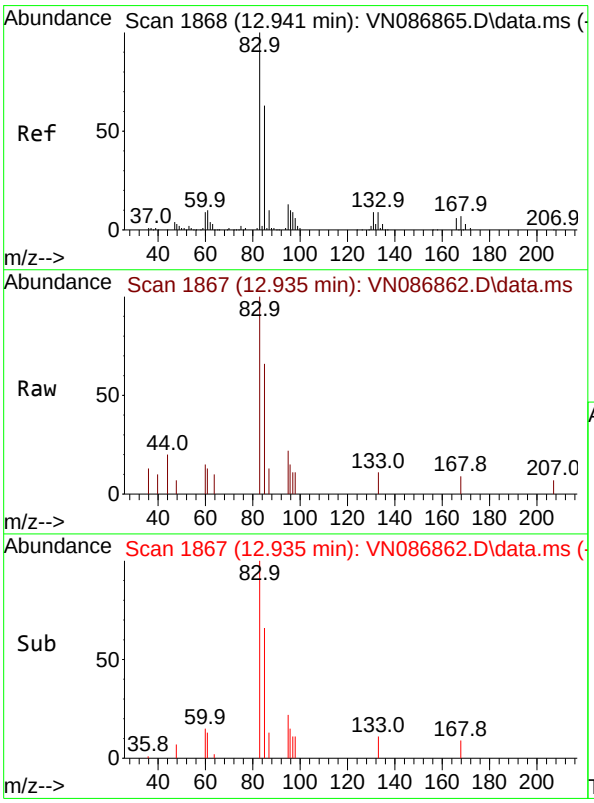
#73
Isopropylbenzene
Concen: 1.061 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 12938

Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.5	40.4

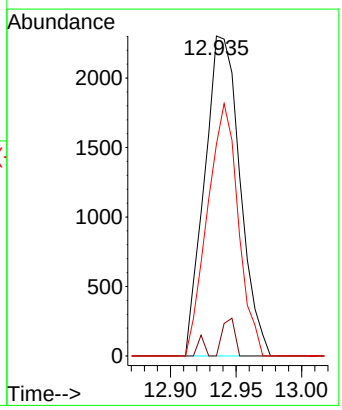


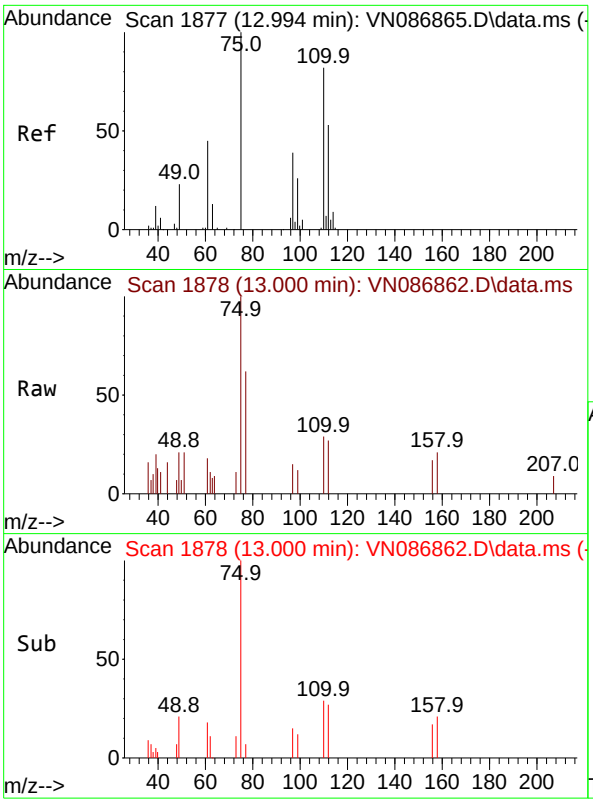


#75
1,1,2,2-Tetrachloroethane
Concen: 1.047 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 83 Resp: 4326

Ion	Ratio	Lower	Upper
83	100		
131	4.1	4.9	14.7#
85	68.6	32.0	96.0



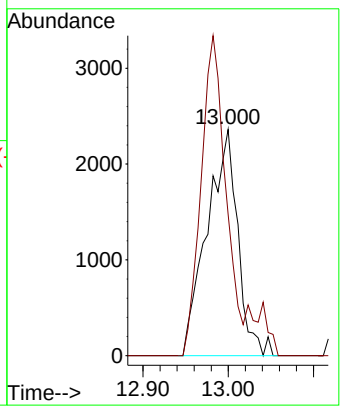


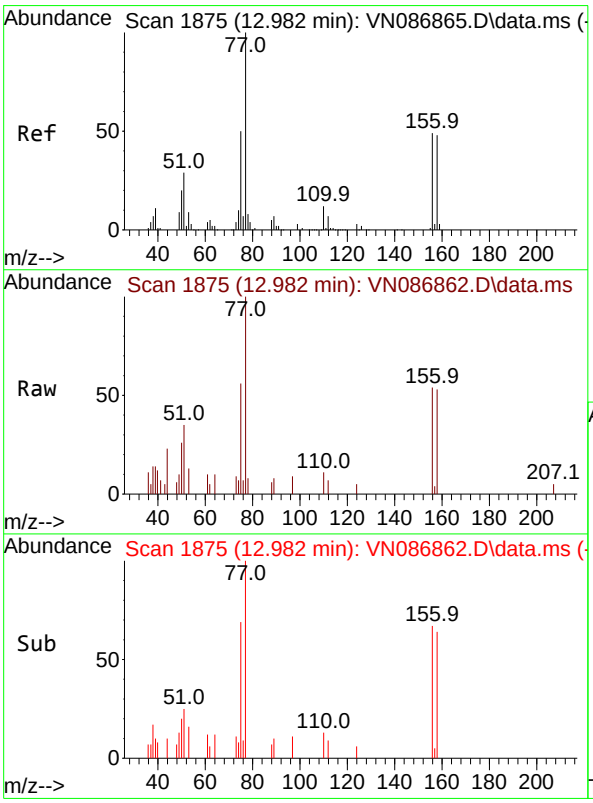
#76
1,2,3-Trichloropropane
Concen: 1.484 ug/l
RT: 13.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 5925

Ion	Ratio	Lower	Upper
75	100		
77	113.2	79.3	237.9

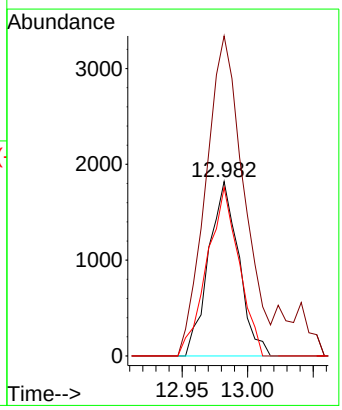


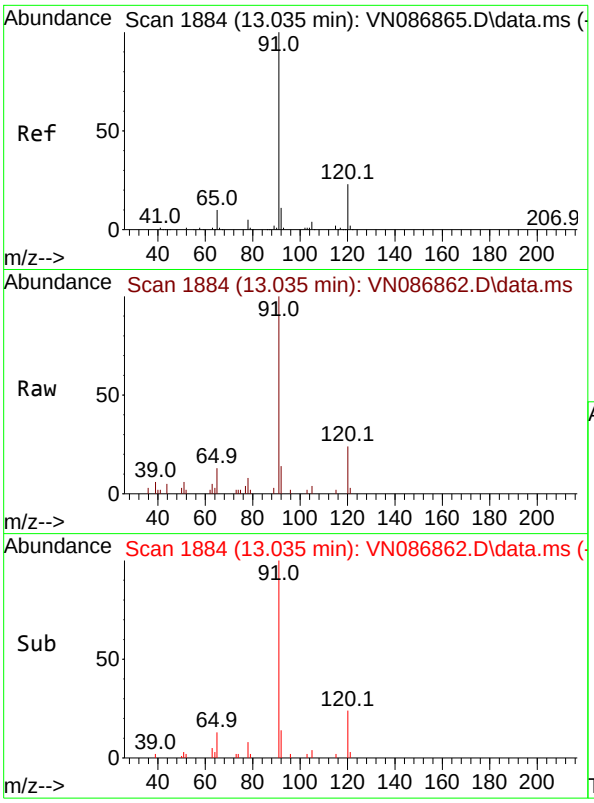


#77
Bromobenzene
Concen: 1.042 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:156 Resp: 2913

Ion	Ratio	Lower	Upper
156	100		
77	230.2	117.7	353.1
158	102.5	48.1	144.4



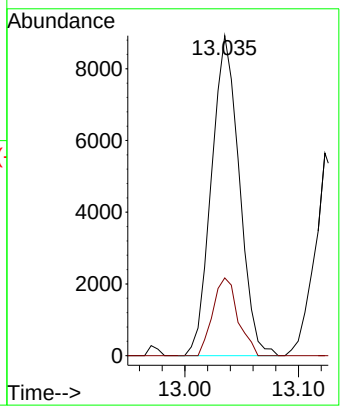


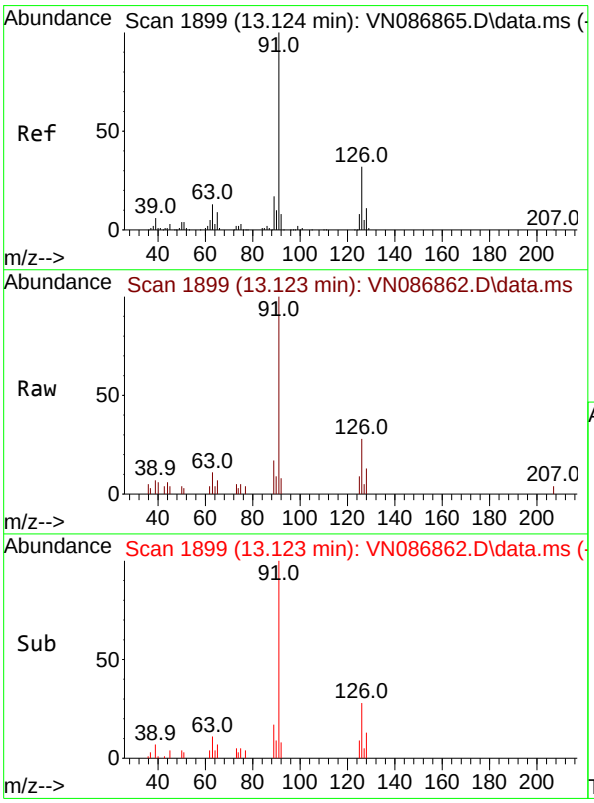
#78
n-propylbenzene
Concen: 1.023 ug/l
RT: 13.035 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 15168

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.4	34.2

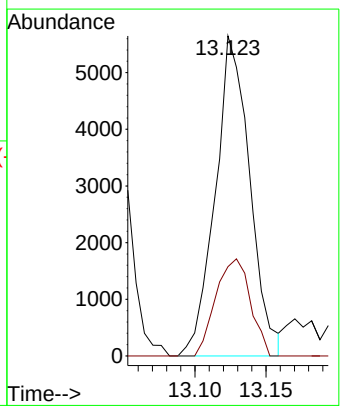


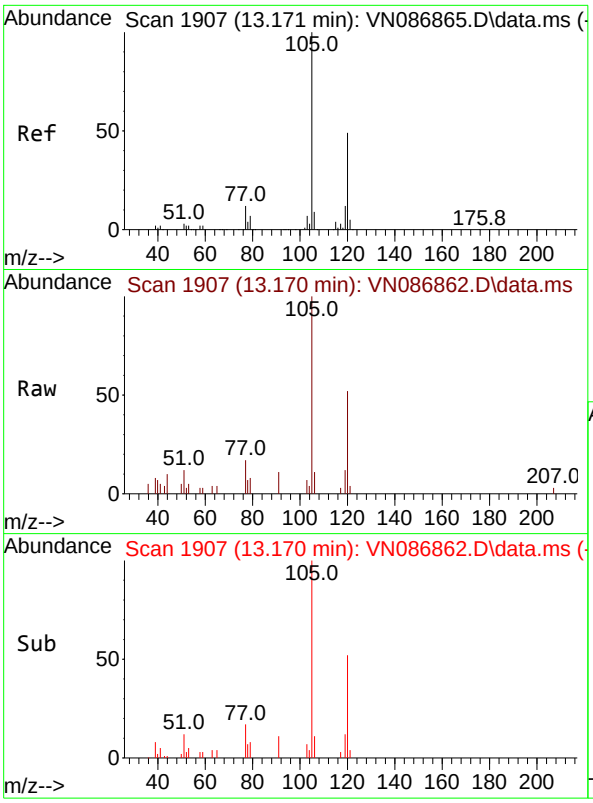


#79
2-Chlorotoluene
Concen: 1.074 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 91 Resp: 9550

Ion	Ratio	Lower	Upper
91	100		
126	30.4	16.2	48.5



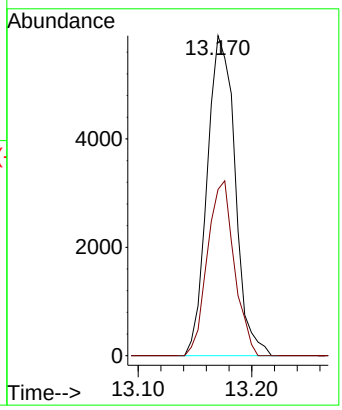


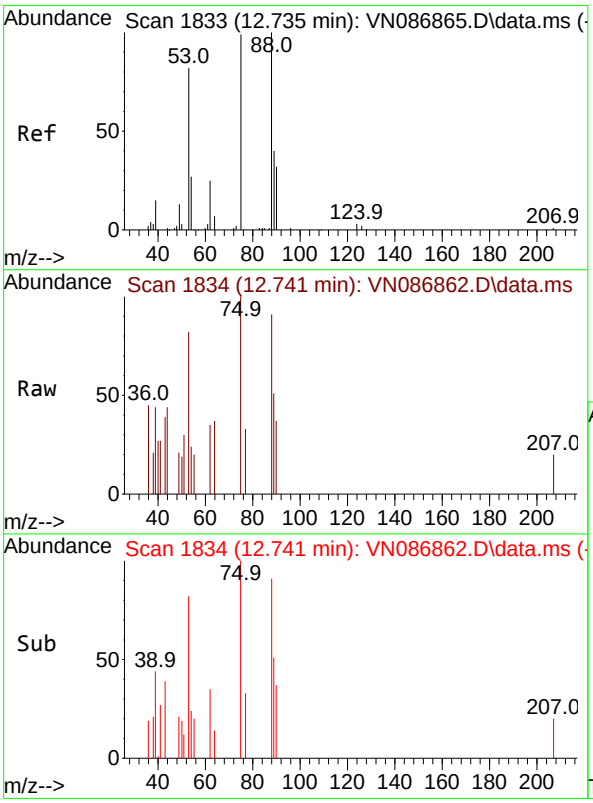
#80
1,3,5-Trimethylbenzene
Concen: 0.999 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 10058

Ion	Ratio	Lower	Upper
105	100		
120	52.7	24.9	74.6

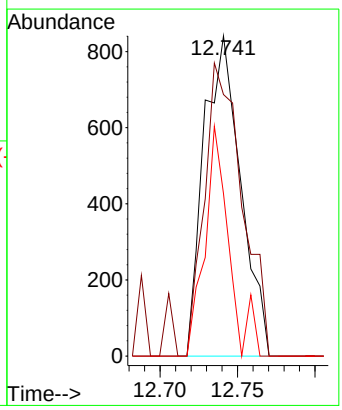


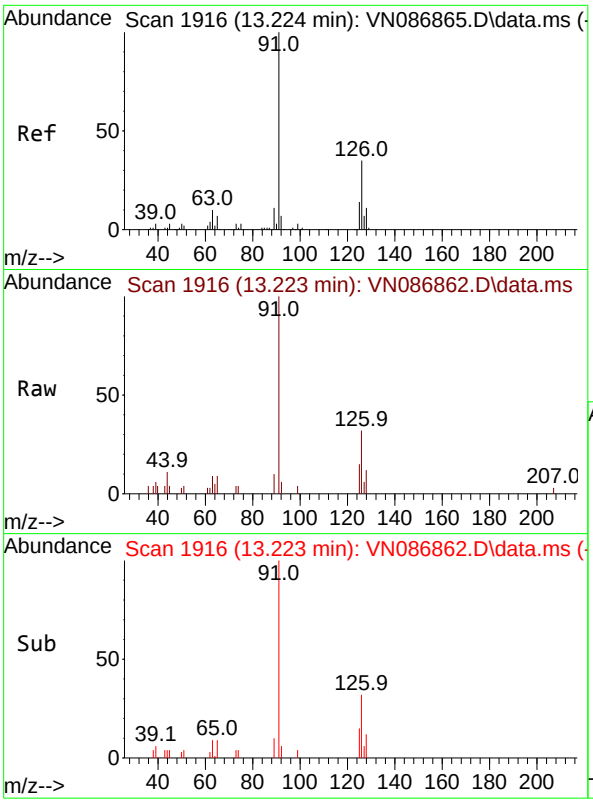


#81
trans-1,4-Dichloro-2-butene
Concen: 0.805 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 75 Resp: 1392

Ion	Ratio	Lower	Upper
75	100		
53	93.8	66.6	99.8
89	46.6	36.7	55.1



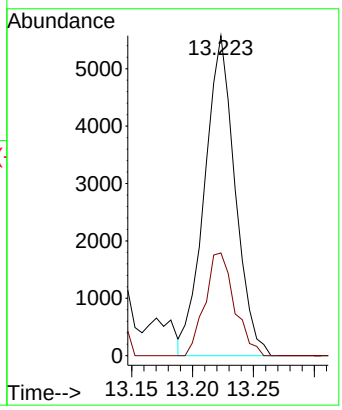


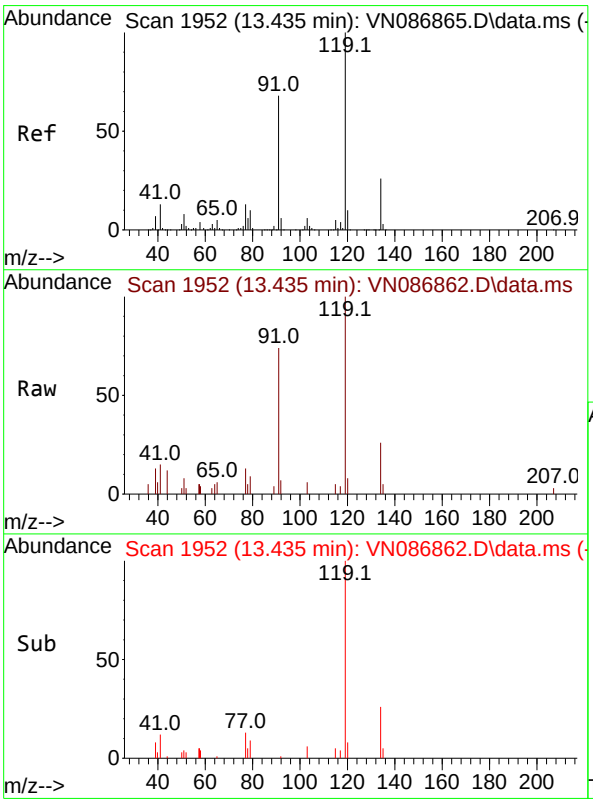
#82
4-Chlorotoluene
Concen: 1.079 ug/l
RT: 13.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 9706

Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.7	50.1

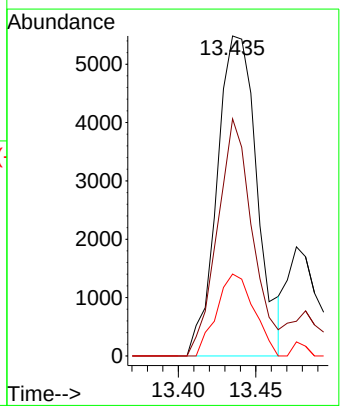


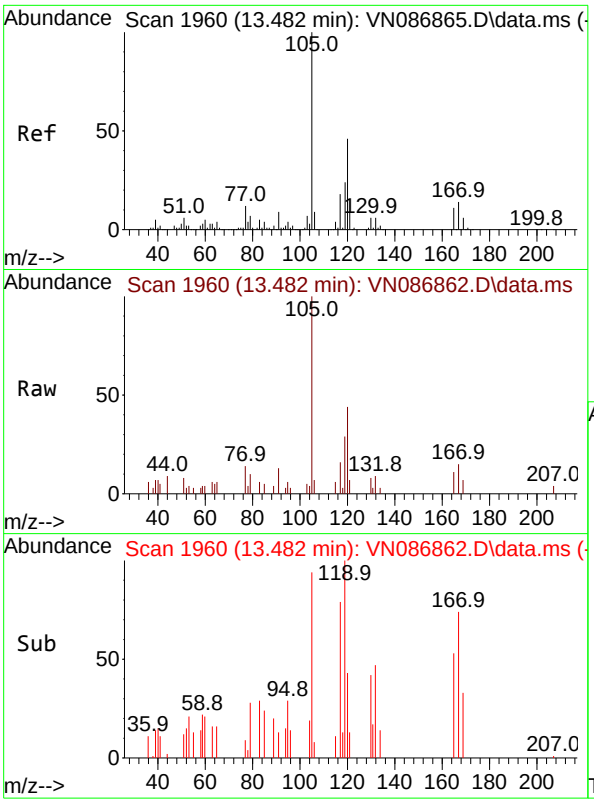


#83
tert-Butylbenzene
Concen: 1.069 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:119 Resp: 9849

Ion	Ratio	Lower	Upper
119	100		
91	65.3	32.1	96.5
134	23.9	13.4	40.1



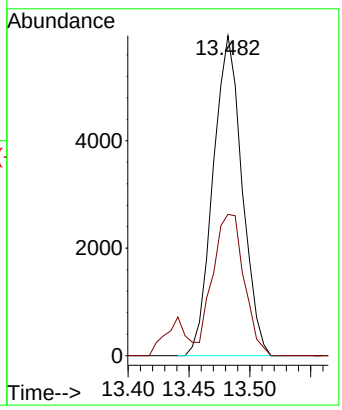


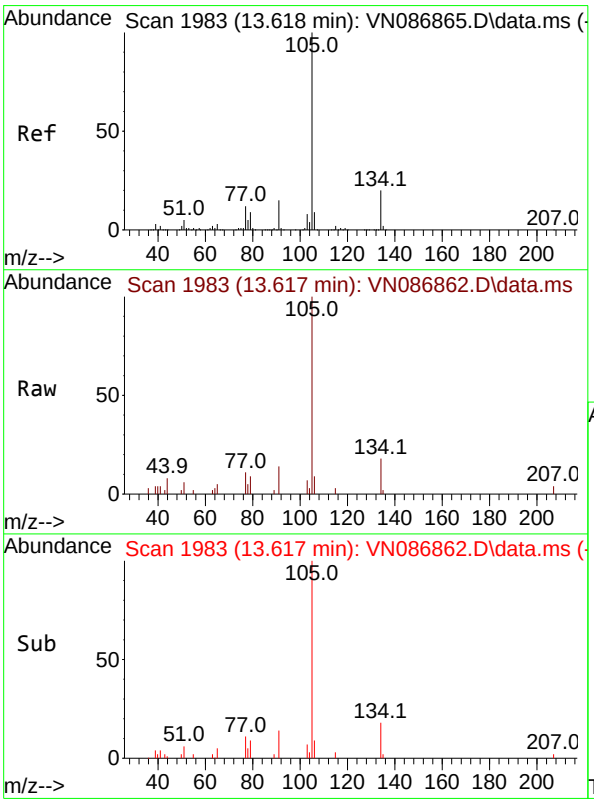
#84
1,2,4-Trimethylbenzene
Concen: 0.979 ug/l
RT: 13.482 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 9882

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.2	69.6

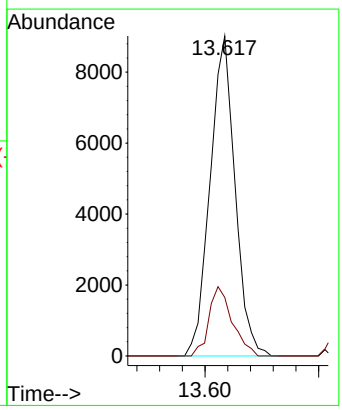


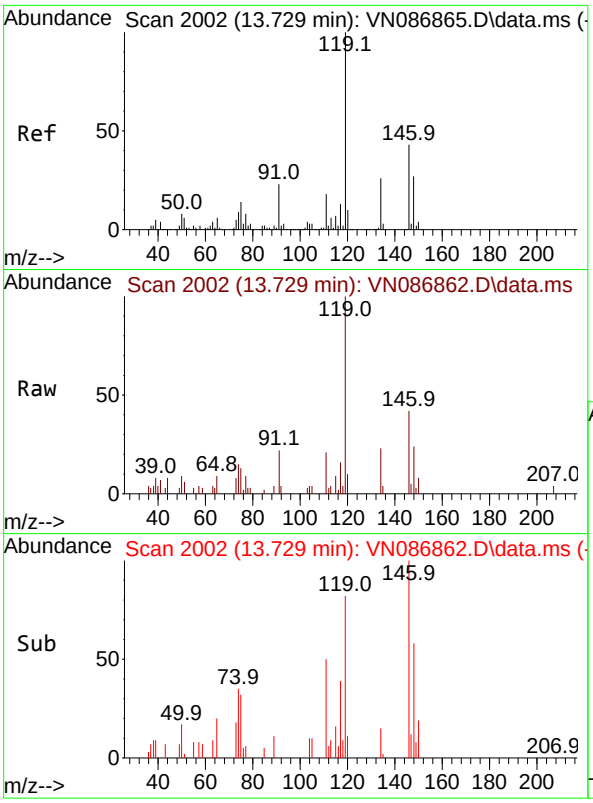


#85
sec-Butylbenzene
Concen: 1.029 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:105 Resp: 13775

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0



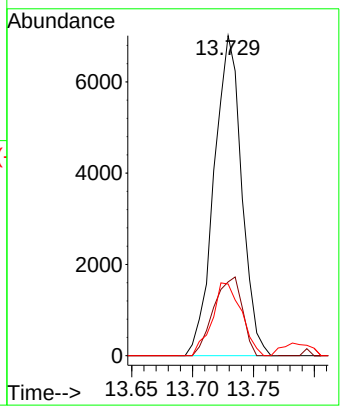


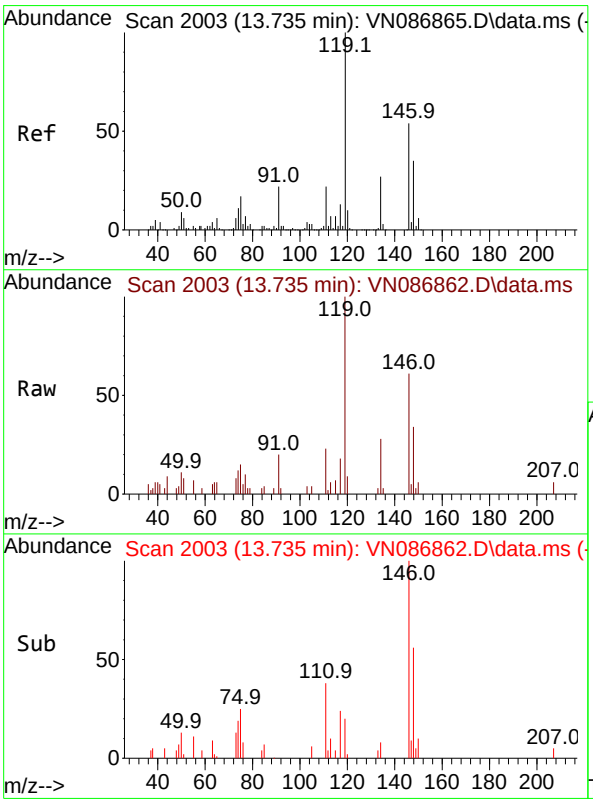
#86
p-Isopropyltoluene
Concen: 1.000 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 11065

Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.5	40.4
91	24.1	11.5	34.4

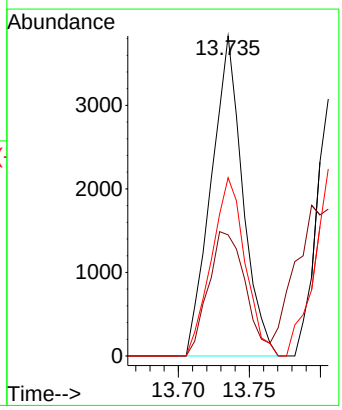


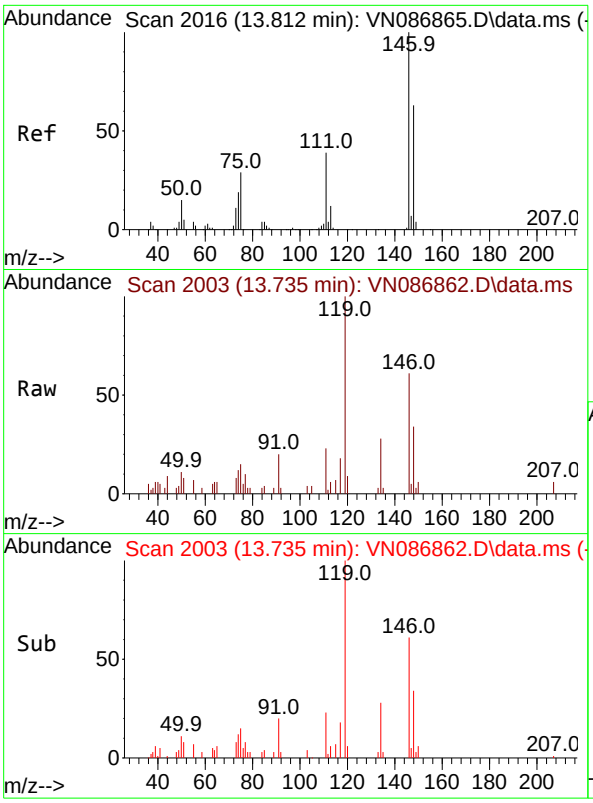


#87
1,3-Dichlorobenzene
Concen: 1.073 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:146 Resp: 5903

Ion	Ratio	Lower	Upper
146	100		
111	45.8	20.9	62.8
148	59.7	32.0	96.2



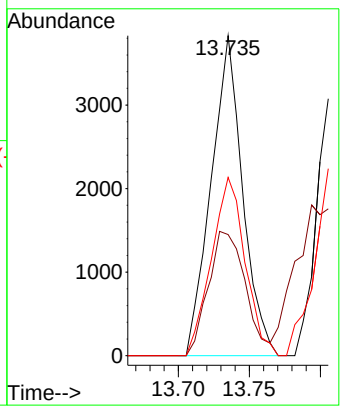


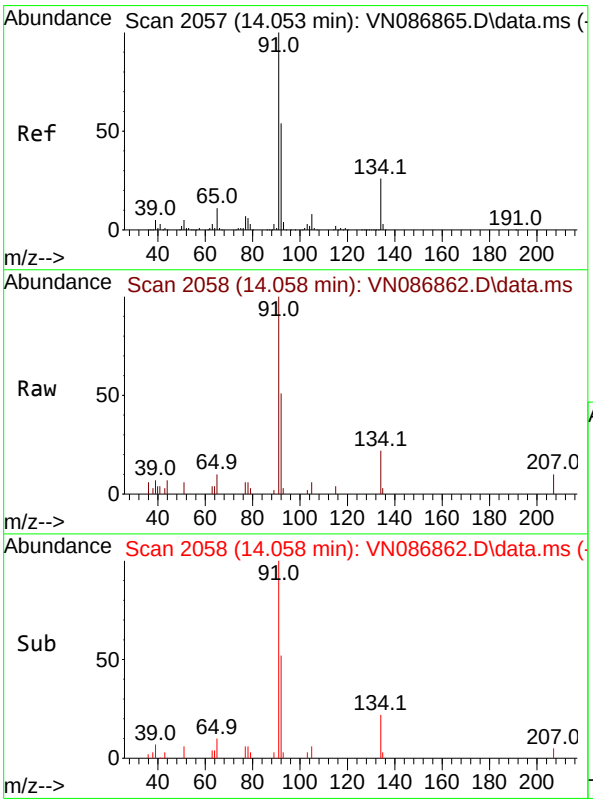
#88
1,4-Dichlorobenzene
Concen: 1.052 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.077 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 5903

Ion	Ratio	Lower	Upper
146	100		
111	45.8	19.9	59.7
148	59.7	31.8	95.4

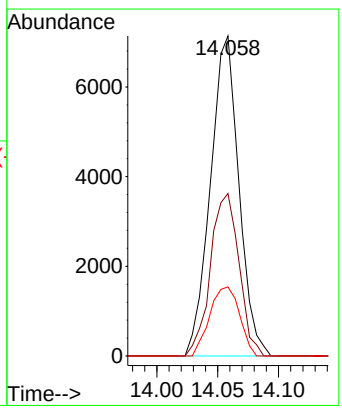


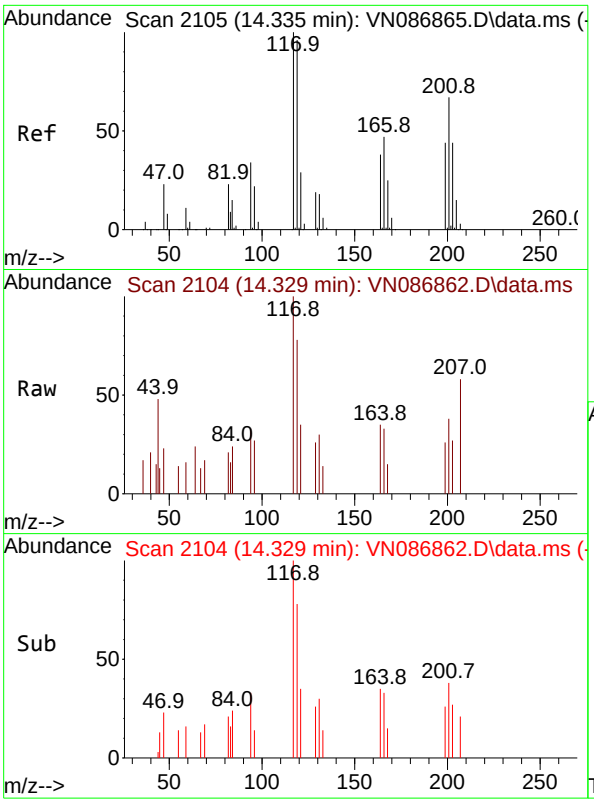


#89
n-Butylbenzene
Concen: 1.085 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion: 91 Resp: 11627

Ion	Ratio	Lower	Upper
91	100		
92	50.8	27.5	82.4
134	22.6	13.0	39.0



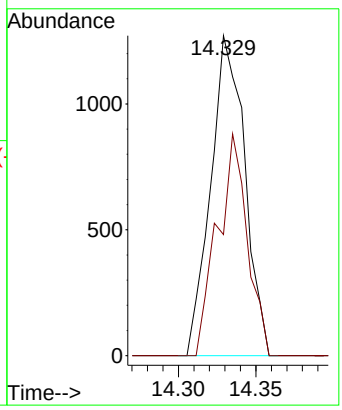


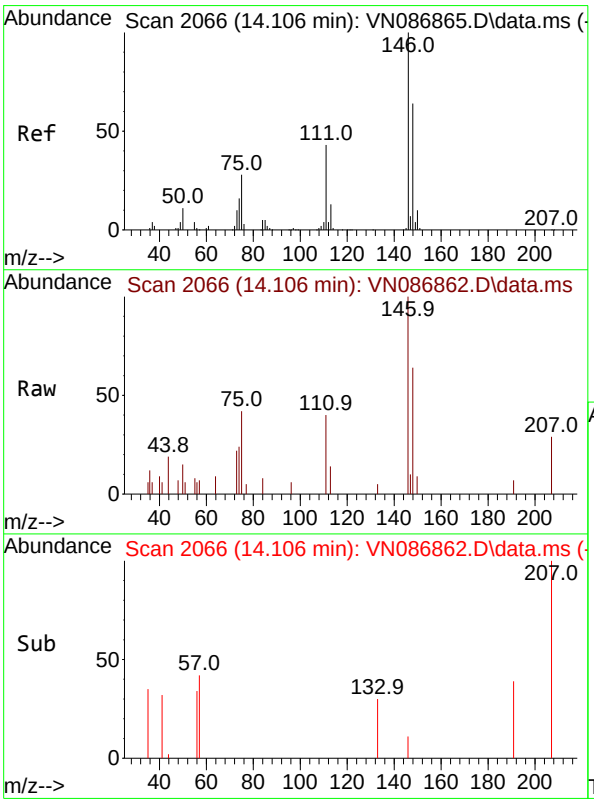
#90
Hexachloroethane
Concen: 1.036 ug/l
RT: 14.329 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 1942

Ion	Ratio	Lower	Upper
117	100		
201	60.6	33.2	99.6

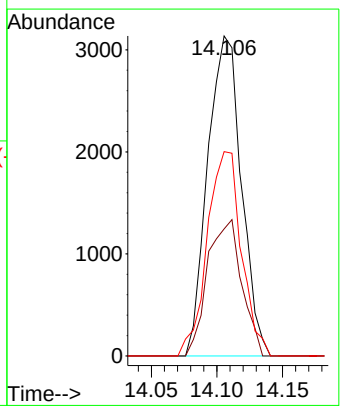


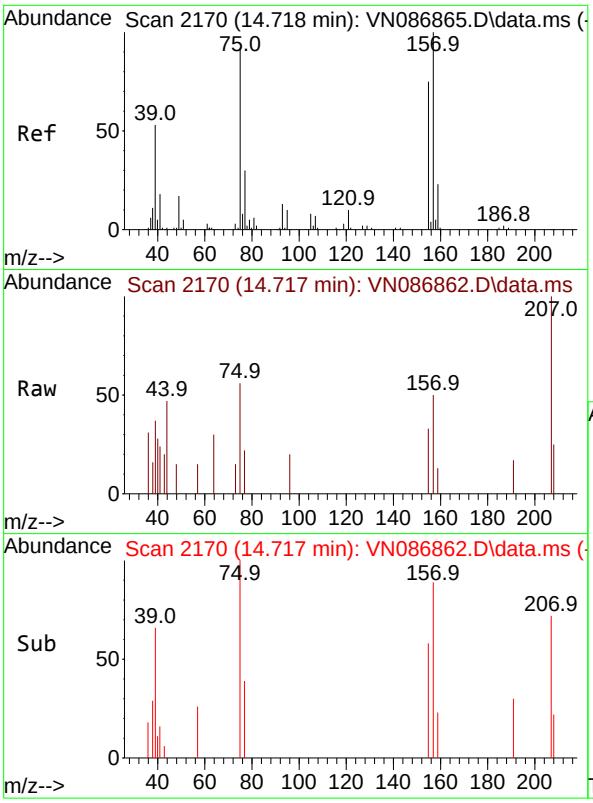


#91
1,2-Dichlorobenzene
Concen: 1.061 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:146 Resp: 5607

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	64.6
148	64.7	31.7	95.1



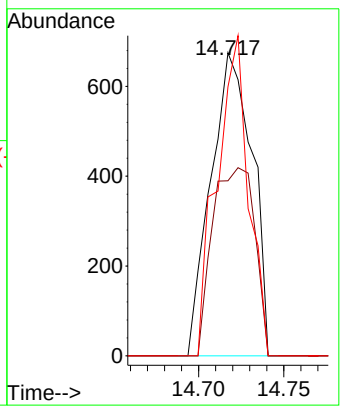


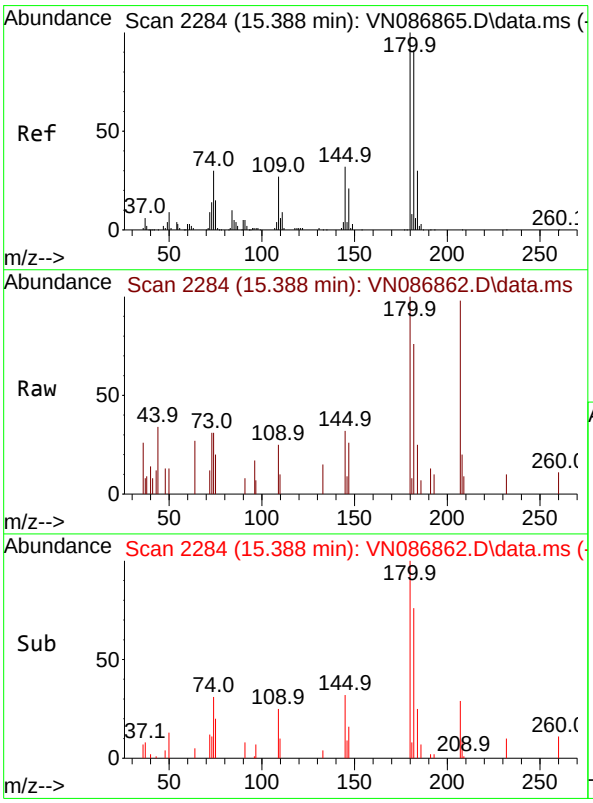
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.150 ug/l
RT: 14.717 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 1136

Ion	Ratio	Lower	Upper
75	100		
155	63.6	41.1	123.4
157	81.0	52.7	158.1

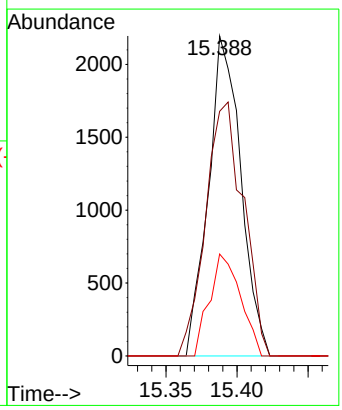


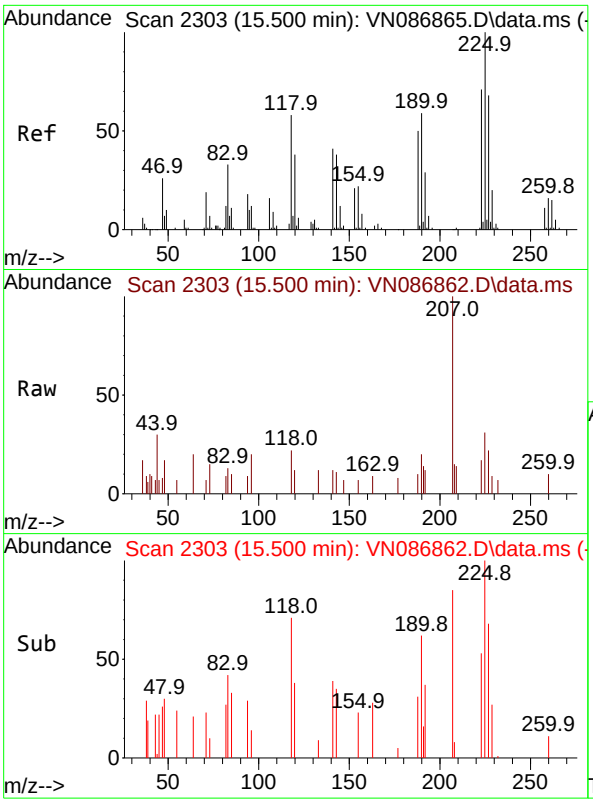


#93
1,2,4-Trichlorobenzene
Concen: 1.034 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:180 Resp: 3489

Ion	Ratio	Lower	Upper
180	100		
182	92.1	46.9	140.7
145	30.4	16.0	47.9



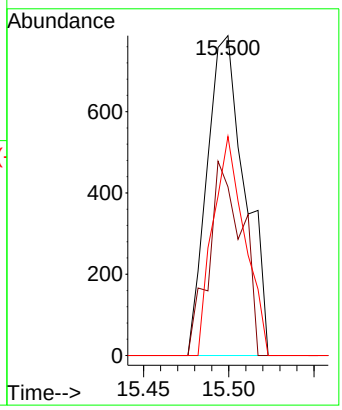


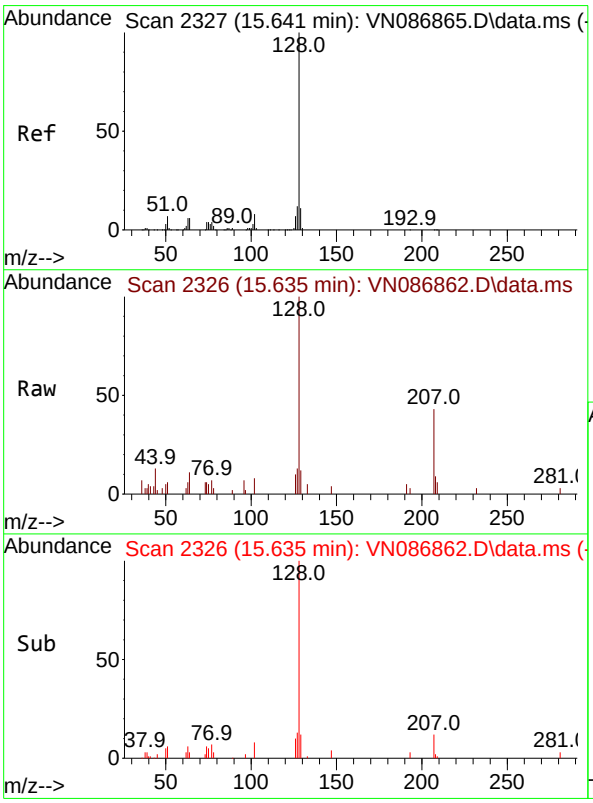
#94
Hexachlorobutadiene
Concen: 0.969 ug/l
RT: 15.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:225 Resp: 1219

Ion	Ratio	Lower	Upper
225	100		
223	53.6	33.5	100.4
227	57.5	31.1	93.5

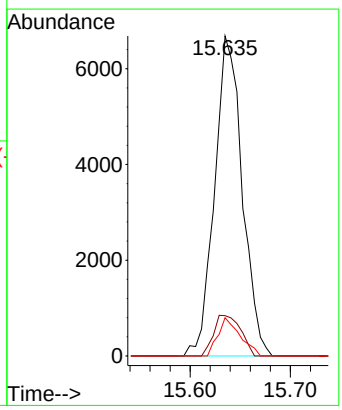


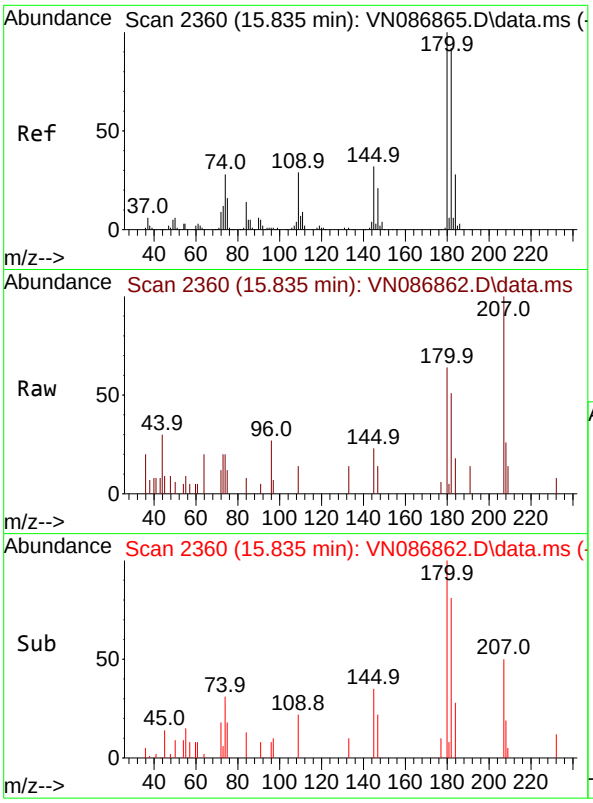


#95
Naphthalene
Concen: 1.018 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Tgt Ion:128 Resp: 12789

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	9.5	8.8	13.2



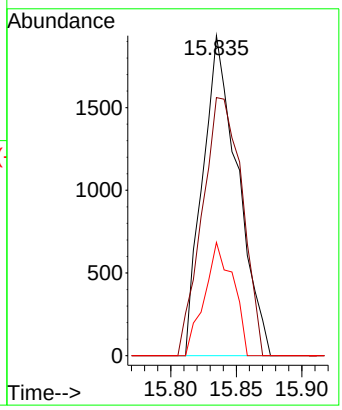


#96
1,2,3-Trichlorobenzene
Concen: 1.072 ug/l
RT: 15.835 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086862.D
Acq: 06 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 3594

Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.0	141.0
145	29.0	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	229701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	423980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	371851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	16818	5.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.940%#		
35) Dibromofluoromethane	8.177	113	12867	5.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.240%#		
50) Toluene-d8	10.571	98	52794	5.308	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.620%#		
62) 4-Bromofluorobenzene	12.847	95	18697	5.059	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.120%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	10196	4.452	ug/l	93
3) Chloromethane	2.395	50	15025	5.080	ug/l	98
4) Vinyl Chloride	2.554	62	15384	5.043	ug/l	97
5) Bromomethane	2.989	94	8606	5.041	ug/l	97
6) Chloroethane	3.154	64	10190	5.171	ug/l	96
7) Trichlorofluoromethane	3.518	101	20740	5.203	ug/l	99
8) Diethyl Ether	3.971	74	9121	5.252	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.401	101	13034	5.205	ug/l	97
10) Methyl Iodide	4.606	142	16530	5.092	ug/l	98
11) Tert butyl alcohol	5.542	59	22000	26.363	ug/l	99
12) 1,1-Dichloroethene	4.359	96	13610	5.323	ug/l	94
13) Acrolein	4.195	56	8401	31.804	ug/l	99
14) Allyl chloride	5.042	41	20925	4.935	ug/l	99
15) Acrylonitrile	5.736	53	49826	25.545	ug/l	99
16) Acetone	4.448	43	41981	25.741	ug/l	99
17) Carbon Disulfide	4.736	76	37246	5.267	ug/l	97
18) Methyl Acetate	5.048	43	24096	5.070	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	46823	5.058	ug/l	95
20) Methylene Chloride	5.300	84	15809	5.178	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	15480	5.442	ug/l #	81
22) Diisopropyl ether	6.689	45	46396	5.191	ug/l	99
23) Vinyl Acetate	6.618	43	194334	25.735	ug/l	100
24) 1,1-Dichloroethane	6.583	63	26473	5.147	ug/l	99
25) 2-Butanone	7.494	43	68629	25.888	ug/l	99
26) 2,2-Dichloropropane	7.500	77	18288	4.571	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	17594	5.172	ug/l	98
28) Bromochloromethane	7.830	49	12958	5.124	ug/l #	97
29) Tetrahydrofuran	7.853	42	44749	25.912	ug/l	98
30) Chloroform	7.977	83	26450	5.149	ug/l	95
31) Cyclohexane	8.271	56	29938	6.002	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	22857	5.232	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	19410	5.184	ug/l	98
37) Ethyl Acetate	7.571	43	26073	5.470	ug/l	97
38) Carbon Tetrachloride	8.371	117	19056	5.184	ug/l	99
39) Methylcyclohexane	9.606	83	27353	5.333	ug/l	95
40) Benzene	8.612	78	63646	5.199	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	13518	5.050	ug/l		99
42) 1,2-Dichloroethane	8.683	62	19329	5.205	ug/l		98
43) Isopropyl Acetate	8.700	43	40268	5.264	ug/l		98
44) Trichloroethene	9.359	130	15245	5.251	ug/l		96
45) 1,2-Dichloropropane	9.624	63	15632	5.248	ug/l		99
46) Dibromomethane	9.718	93	10241	5.176	ug/l		99
47) Bromodichloromethane	9.888	83	20512	5.039	ug/l		97
48) Methyl methacrylate	9.688	41	17591	4.996	ug/l		94
49) 1,4-Dioxane	9.700	88	6141	95.874	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.447	43	116434	25.283	ug/l		97
52) Toluene	10.630	92	38744	5.178	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	22285	4.896	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	24477	5.026	ug/l		93
55) 1,1,2-Trichloroethane	11.018	97	15068	5.234	ug/l		97
56) Ethyl methacrylate	10.888	69	21893	4.774	ug/l		95
57) 1,3-Dichloropropane	11.165	76	25452	5.096	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	64722	23.664	ug/l		98
59) 2-Hexanone	11.212	43	59884	20.188	ug/l		99
60) Dibromochloromethane	11.359	129	14884	4.962	ug/l		98
61) 1,2-Dibromoethane	11.471	107	15172	5.141	ug/l		99
64) Tetrachloroethene	11.106	164	12322	5.236	ug/l		92
65) Chlorobenzene	11.894	112	42195	5.145	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	13897	5.271	ug/l		97
67) Ethyl Benzene	11.965	91	73443	5.199	ug/l		97
68) m/p-Xylenes	12.071	106	55859	10.330	ug/l		100
69) o-Xylene	12.400	106	26004	5.021	ug/l		96
70) Styrene	12.412	104	44380	5.008	ug/l		98
71) Bromoform	12.582	173	9890	5.063	ug/l	#	96
73) Isopropylbenzene	12.694	105	67878	5.146	ug/l		100
74) N-amyl acetate	12.559	43	7051	1.611	ug/l	#	53
75) 1,1,2,2-Tetrachloroethane	12.935	83	23516	5.262	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	31004	7.181	ug/l		74
77) Bromobenzene	12.976	156	15485	5.119	ug/l		92
78) n-propylbenzene	13.035	91	83781	5.226	ug/l		99
79) 2-Chlorotoluene	13.124	91	49297	5.128	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	55961	5.139	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	9234	4.939	ug/l		94
82) 4-Chlorotoluene	13.223	91	49924	5.132	ug/l		100
83) tert-Butylbenzene	13.435	119	50874	5.103	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	56525	5.176	ug/l		100
85) sec-Butylbenzene	13.618	105	74711	5.161	ug/l		99
86) p-Isopropyltoluene	13.729	119	62016	5.182	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	30949	5.200	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	32342	5.330	ug/l		96
89) n-Butylbenzene	14.053	91	59601	5.142	ug/l		99
90) Hexachloroethane	14.335	117	9725	4.794	ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	29897	5.228	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5731	5.363	ug/l		93
93) 1,2,4-Trichlorobenzene	15.394	180	18778	5.143	ug/l		99
94) Hexachlorobutadiene	15.500	225	7072	5.199	ug/l		99
95) Naphthalene	15.641	128	67481	4.965	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	18262	5.034	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

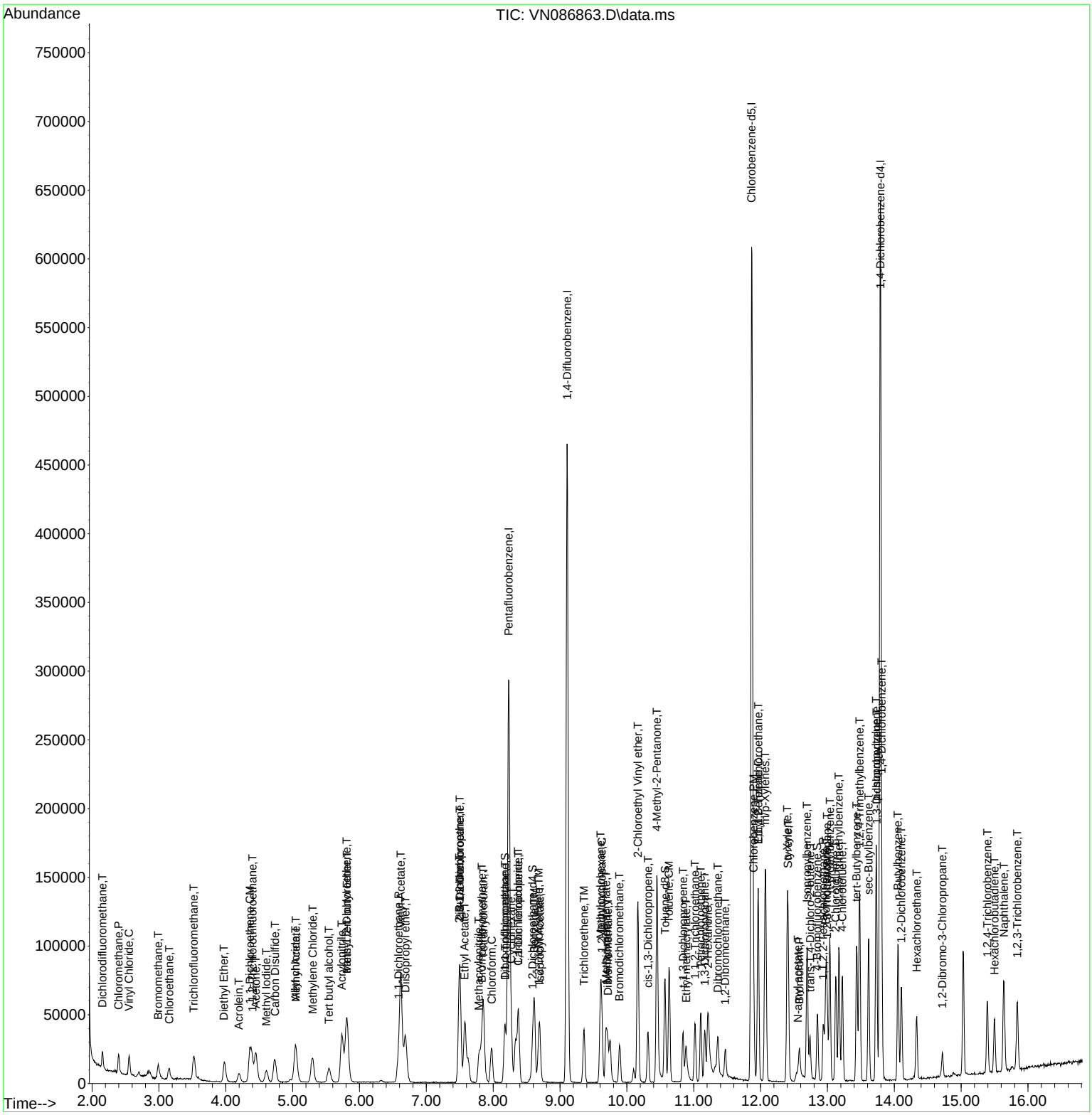
(#) = qualifier out of range (m) = manual integration (+) = signals summed

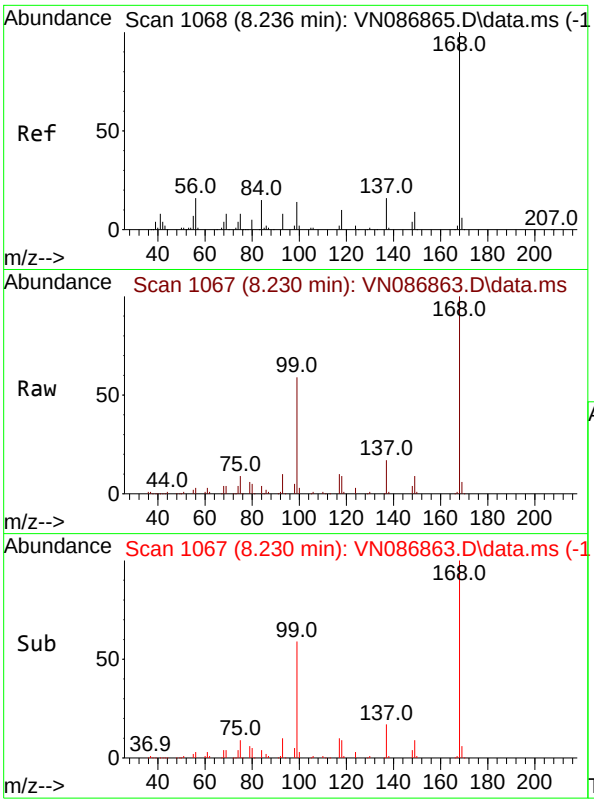
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086863.D
Acq On : 06 Jun 2025 13:17
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Jun 07 01:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration



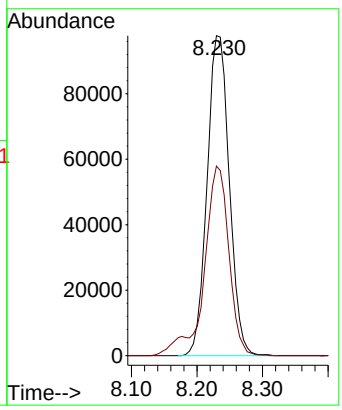


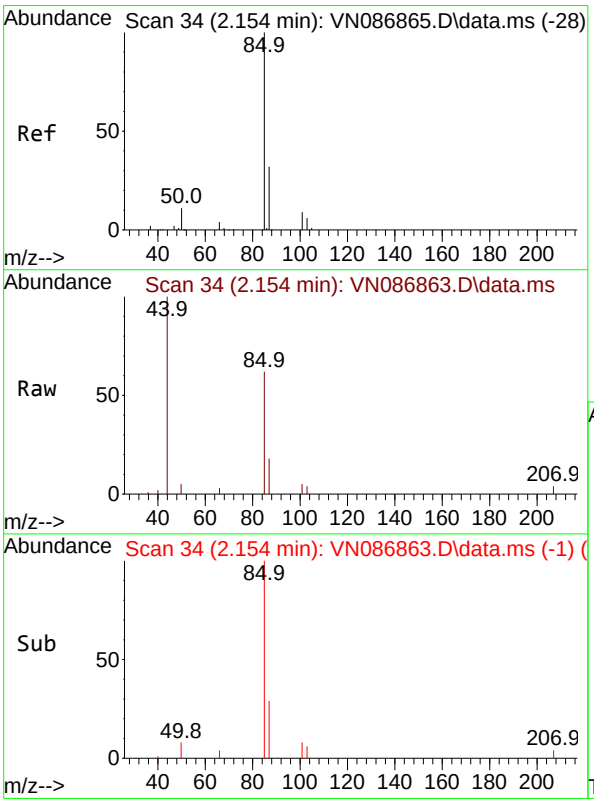
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 229701

Ion	Ratio	Lower	Upper
168	100		
99	59.2	49.1	73.7

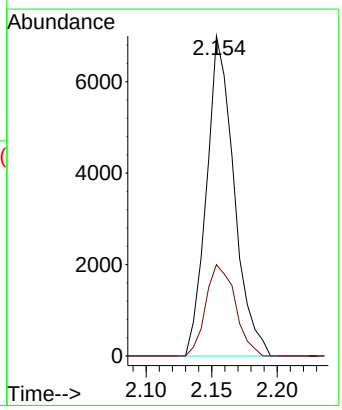


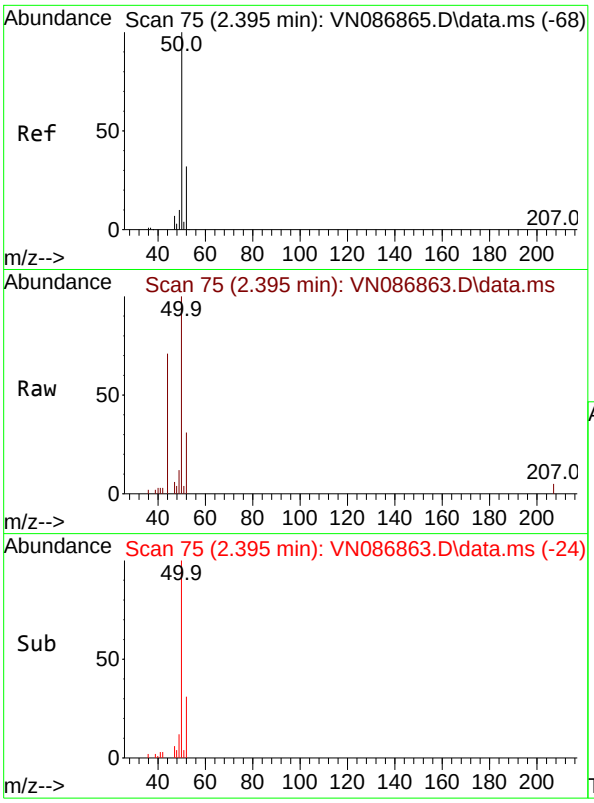


#2
Dichlorodifluoromethane
Concen: 4.452 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 85 Resp: 10196

Ion	Ratio	Lower	Upper
85	100		
87	28.6	16.2	48.6



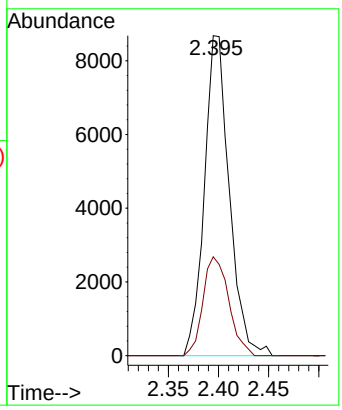


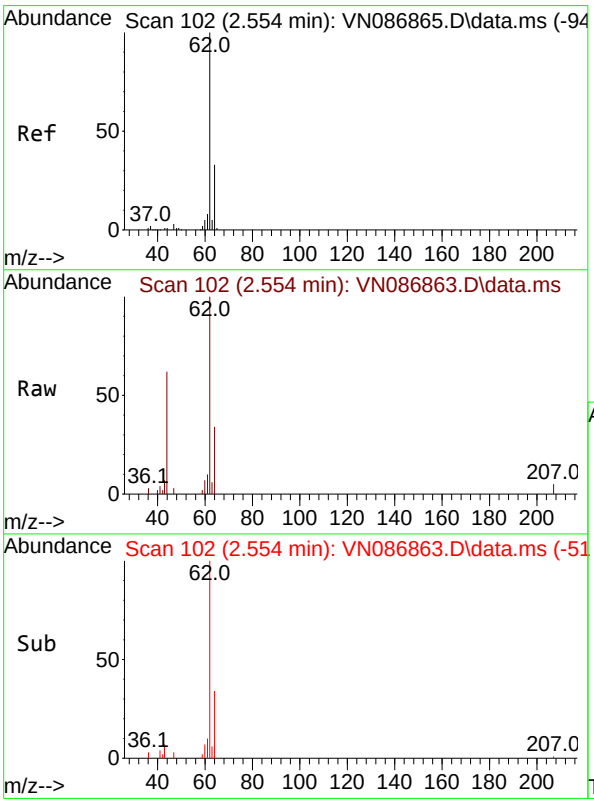
#3
Chloromethane
Concen: 5.080 ug/l
RT: 2.395 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 15025

Ion	Ratio	Lower	Upper
50	100		
52	30.9	25.7	38.5

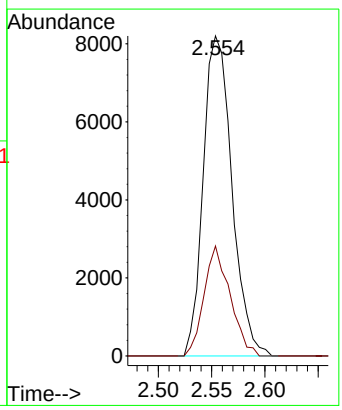


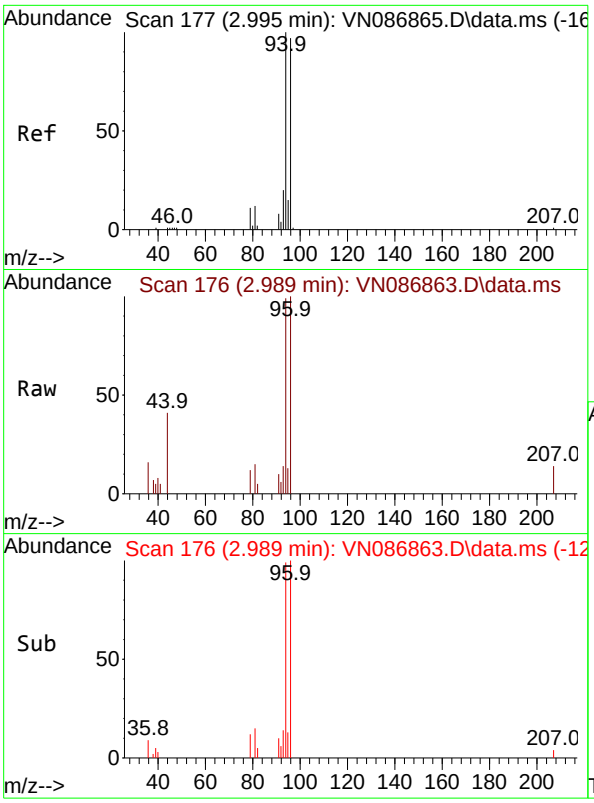


#4
Vinyl Chloride
Concen: 5.043 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 62 Resp: 15384

Ion	Ratio	Lower	Upper
62	100		
64	34.3	26.0	39.0



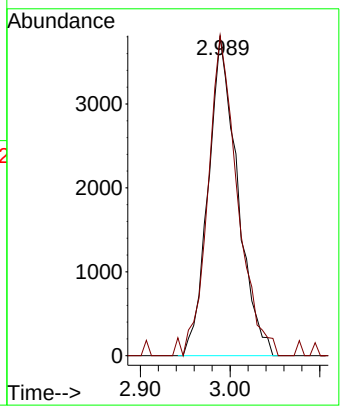


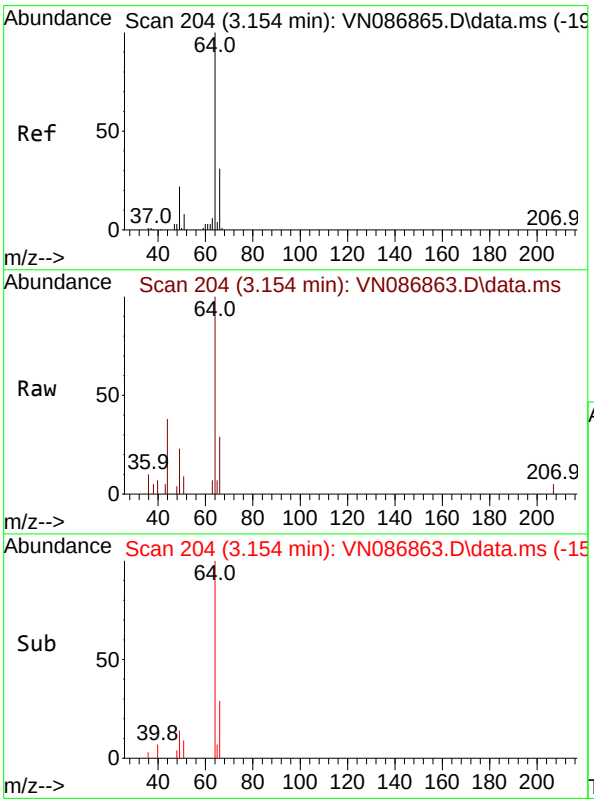
#5
Bromomethane
Concen: 5.041 ug/l
RT: 2.989 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 8606

Ion	Ratio	Lower	Upper
94	100		
96	100.6	77.9	116.9

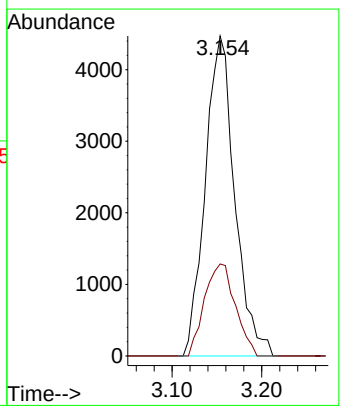


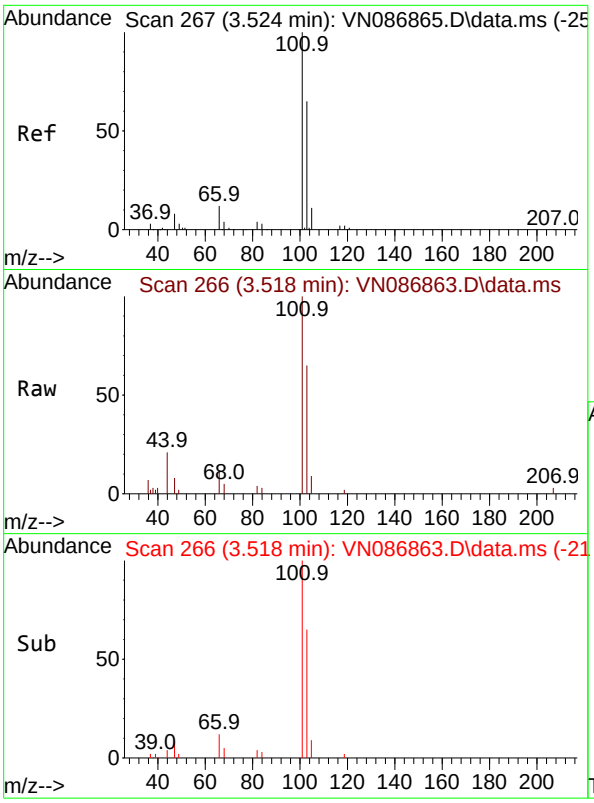


#6
Chloroethane
Concen: 5.171 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 64 Resp: 10190

Ion	Ratio	Lower	Upper
64	100		
66	28.8	24.6	36.8



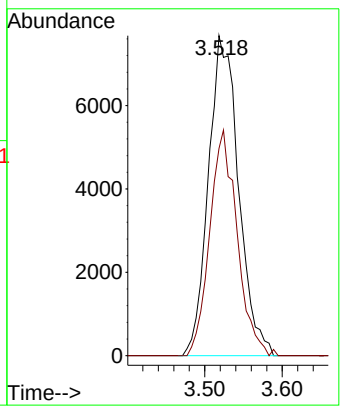


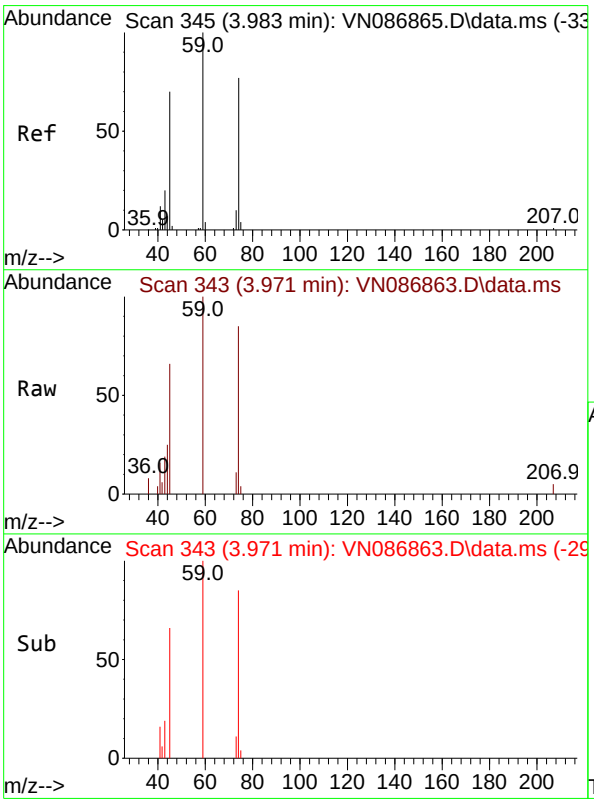
#7
Trichlorofluoromethane
Concen: 5.203 ug/l
RT: 3.518 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 20740

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.2

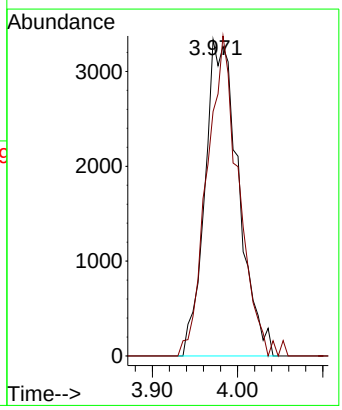


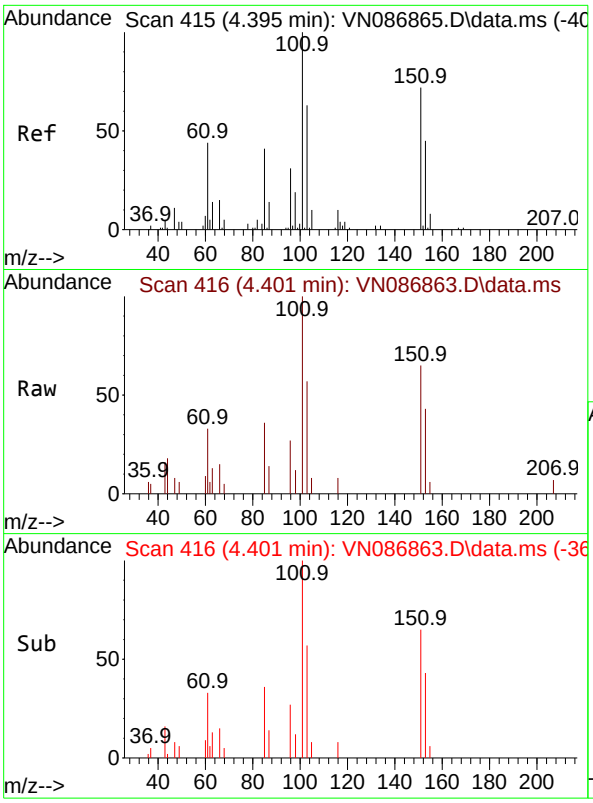


#8
Diethyl Ether
Concen: 5.252 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.012 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 74 Resp: 9121

Ion	Ratio	Lower	Upper
74	100		
45	95.8	45.5	136.5



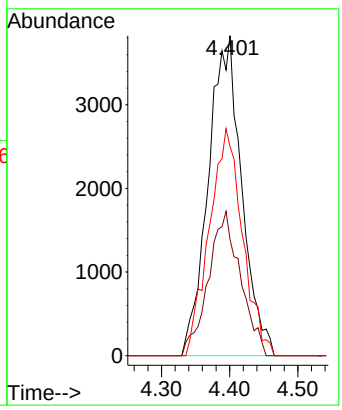


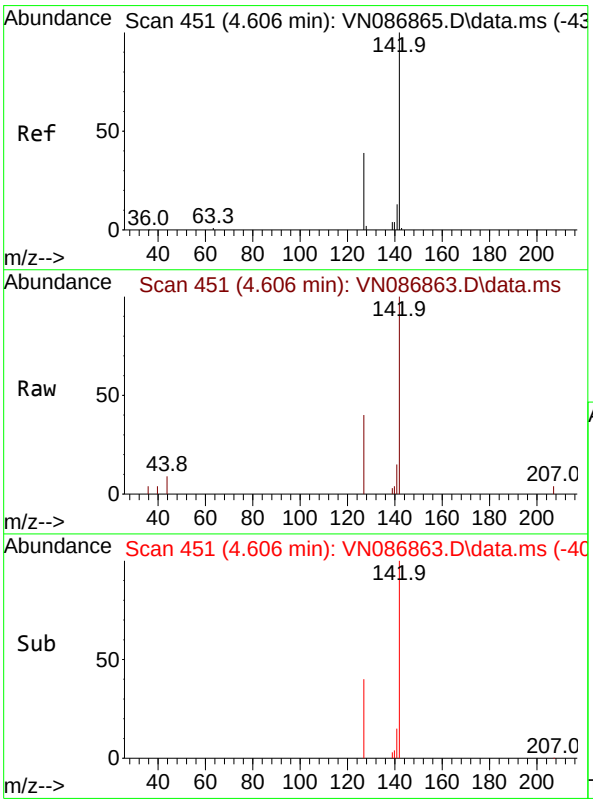
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.205 ug/l
RT: 4.401 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 13034

Ion	Ratio	Lower	Upper
101	100		
85	43.3	33.8	50.8
151	70.8	58.7	88.1

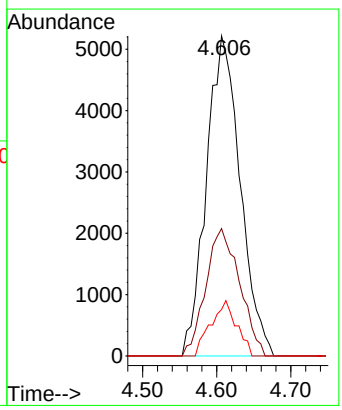


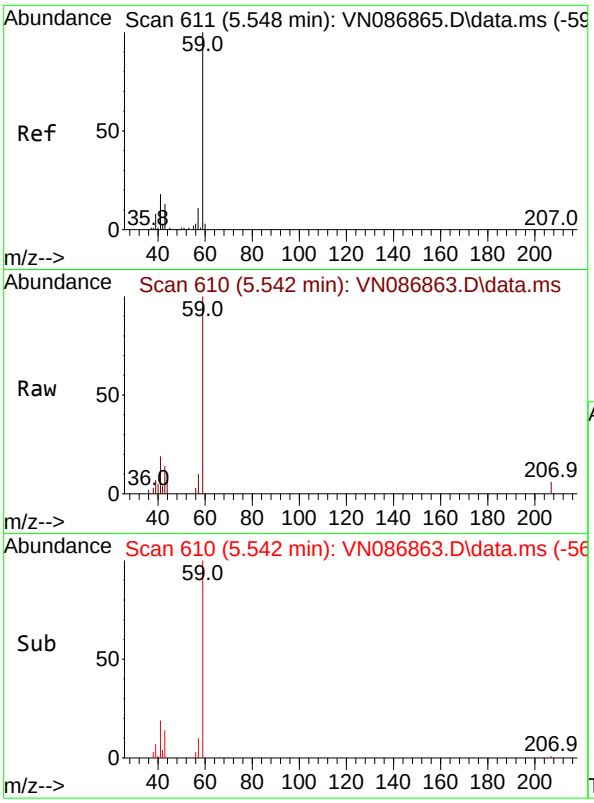


#10
Methyl Iodide
Concen: 5.092 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:142 Resp: 16530

Ion	Ratio	Lower	Upper
142	100		
127	39.8	30.9	46.3
141	14.5	10.4	15.6



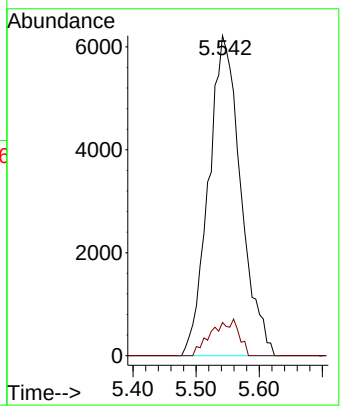


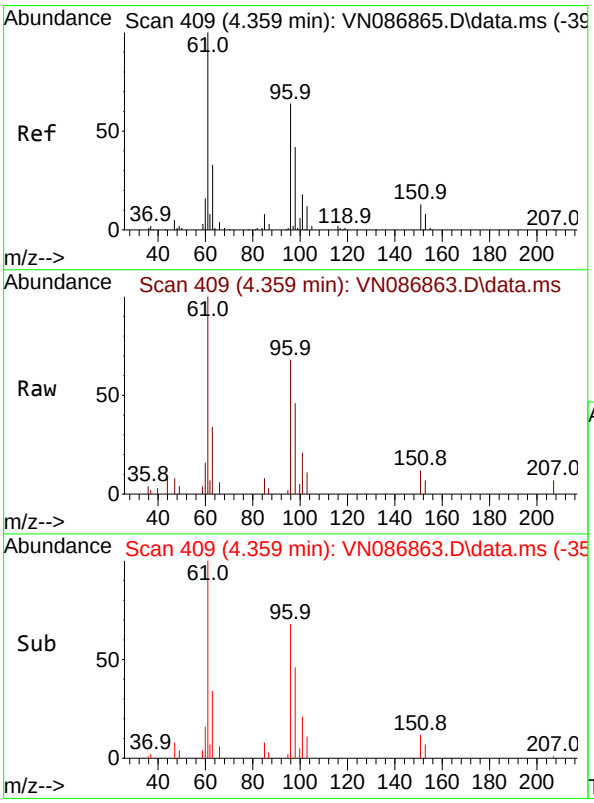
#11
Tert butyl alcohol
Concen: 26.363 ug/l
RT: 5.542 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 22000

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.1	12.1

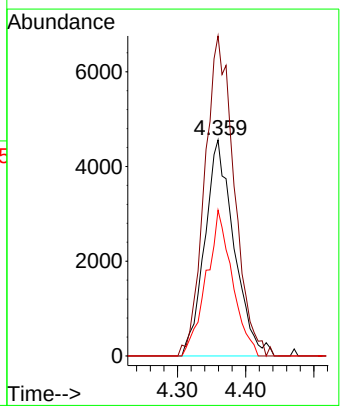


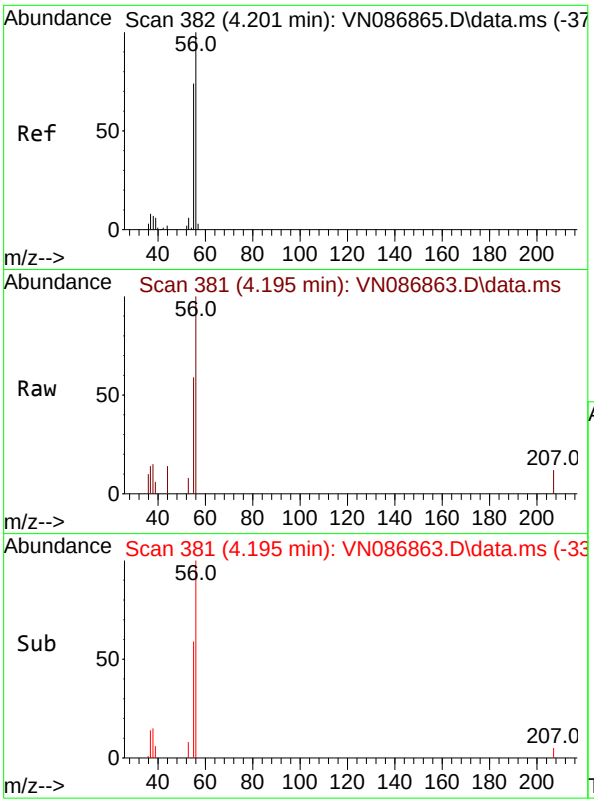


#12
1,1-Dichloroethene
Concen: 5.323 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 96 Resp: 13610

Ion	Ratio	Lower	Upper
96	100		
61	148.1	125.8	188.6
98	67.5	52.5	78.7



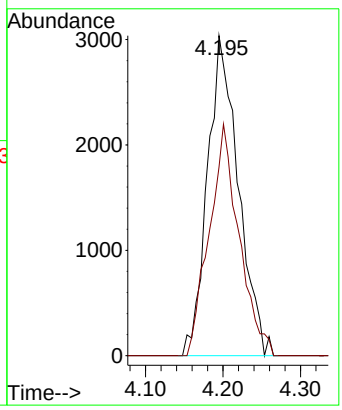


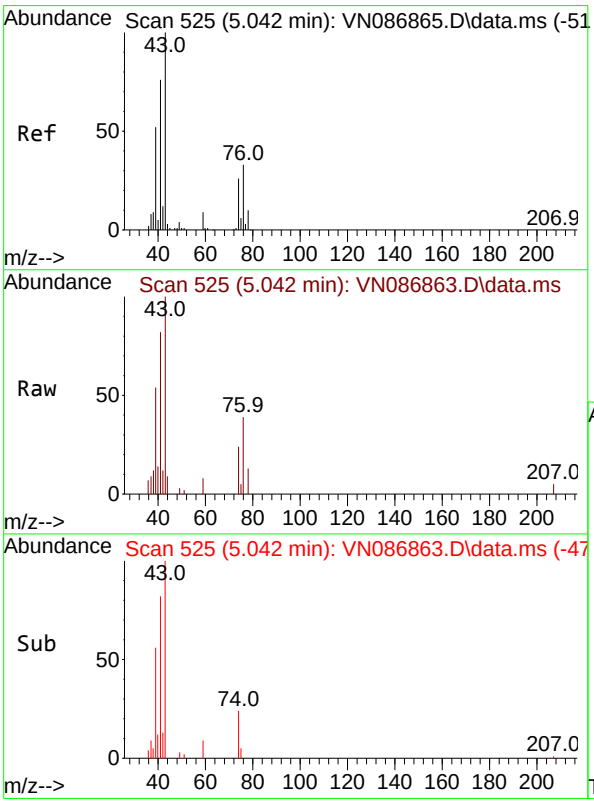
#13
Acrolein
Concen: 31.804 ug/l
RT: 4.195 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 8401

Ion	Ratio	Lower	Upper
56	100		
55	70.2	55.6	83.4

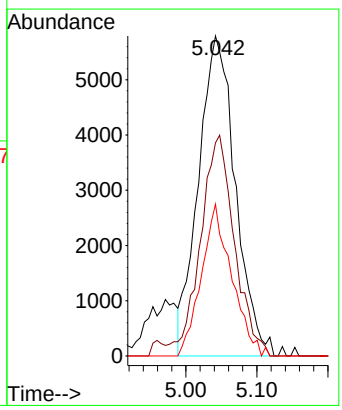


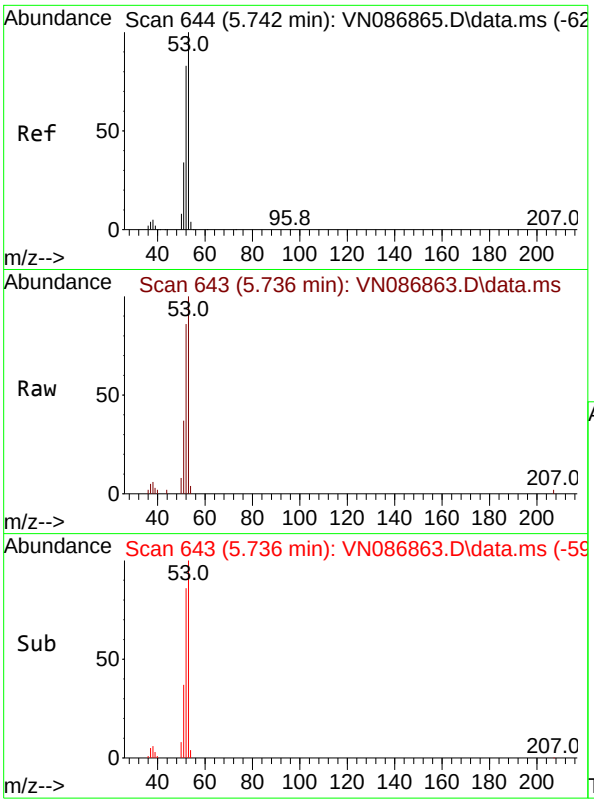


#14
Allyl chloride
Concen: 4.935 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 41 Resp: 20925

Ion	Ratio	Lower	Upper
41	100		
39	63.2	51.3	76.9
76	39.0	31.4	47.0



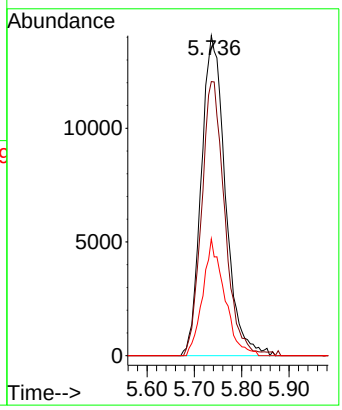


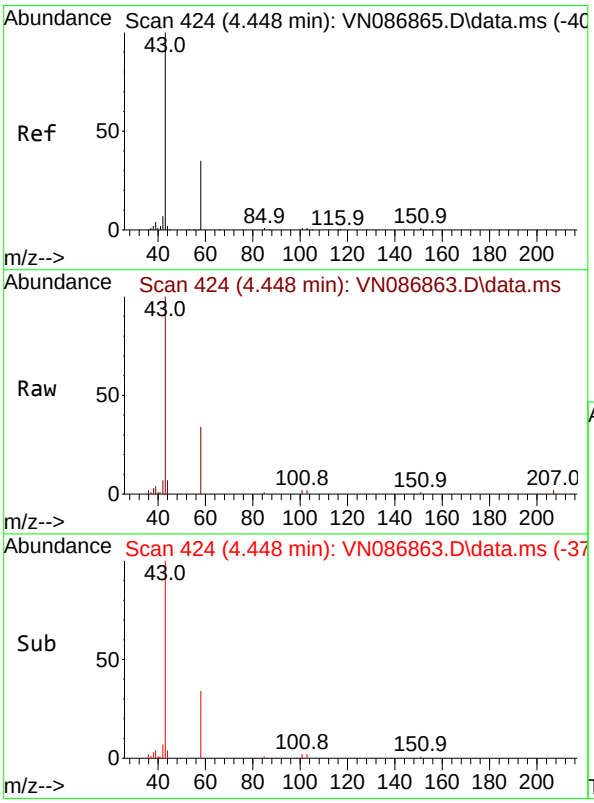
#15
Acrylonitrile
Concen: 25.545 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 49826

Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.0	97.6
51	32.9	27.2	40.8

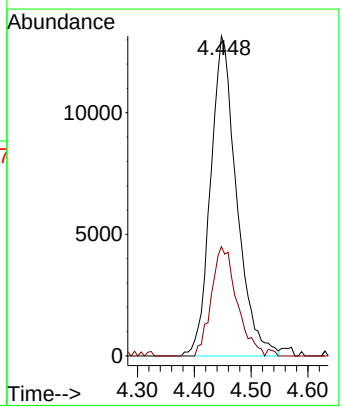


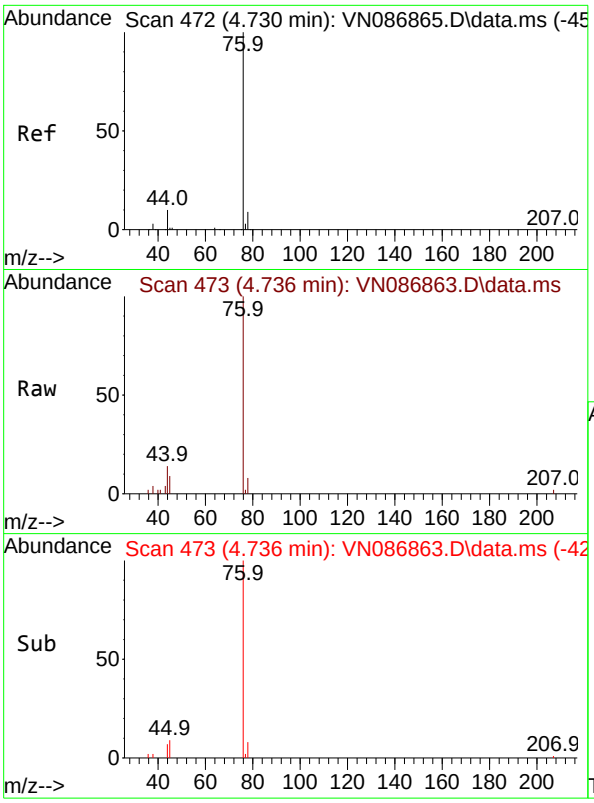


#16
Acetone
Concen: 25.741 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 41981

Ion	Ratio	Lower	Upper
43	100		
58	34.1	28.0	42.0



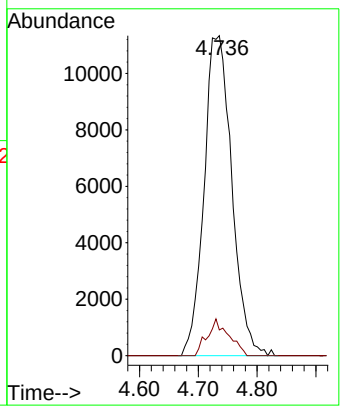


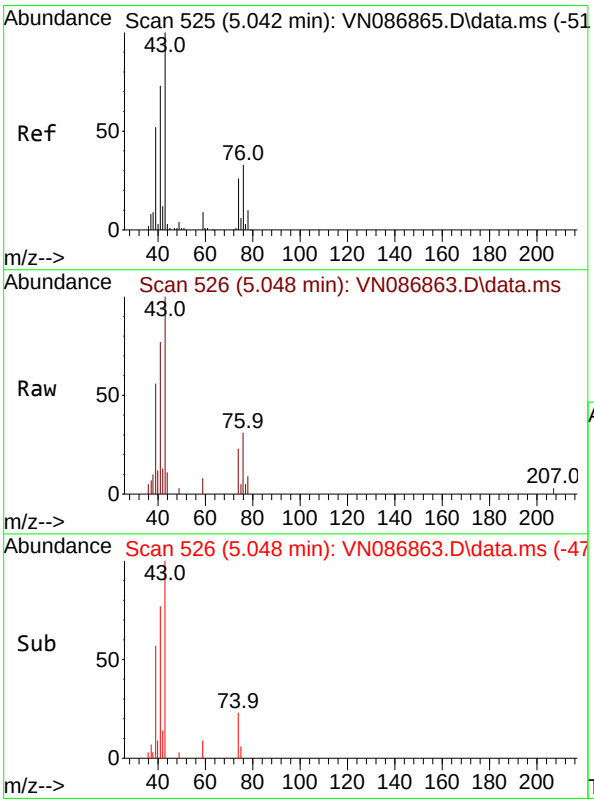
#17
Carbon Disulfide
Concen: 5.267 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 37246

Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.3	10.9

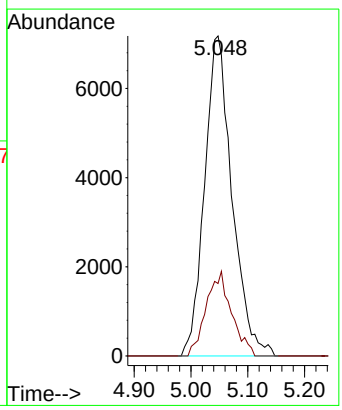


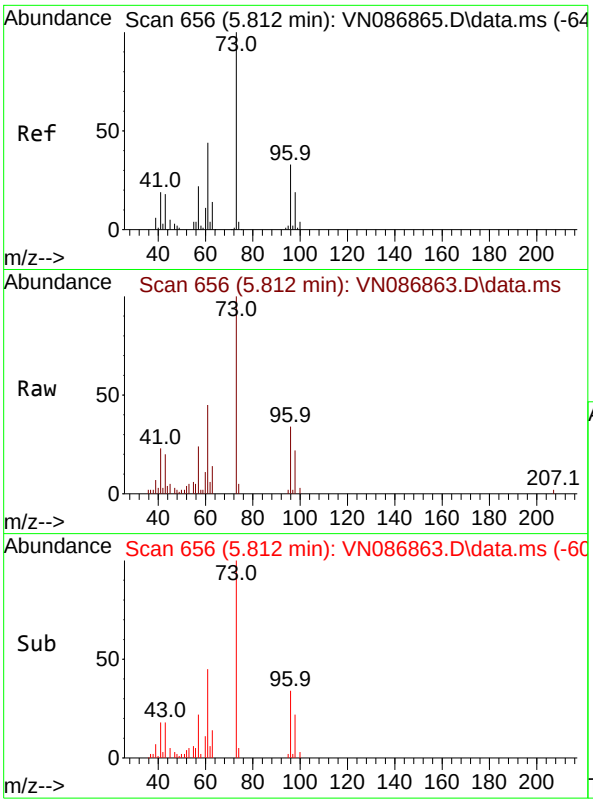


#18
Methyl Acetate
Concen: 5.070 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 24096

Ion	Ratio	Lower	Upper
43	100		
74	24.4	20.7	31.1



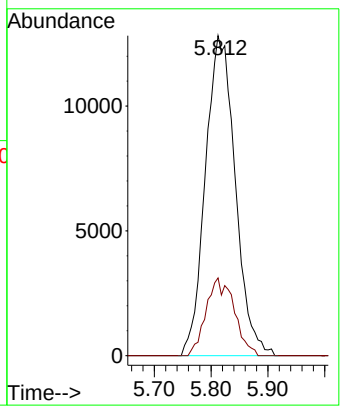


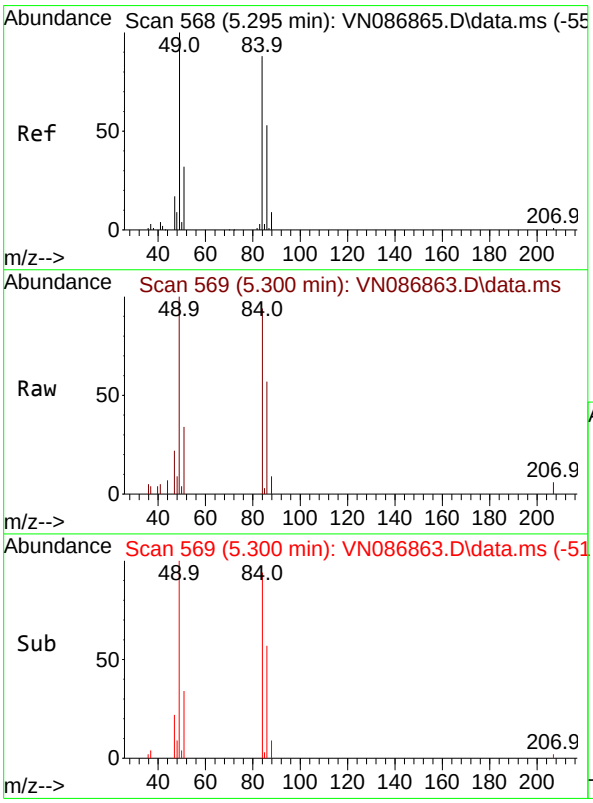
#19
Methyl tert-butyl Ether
Concen: 5.058 ug/l
RT: 5.812 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 46823

Ion	Ratio	Lower	Upper
73	100		
57	24.3	17.4	26.2

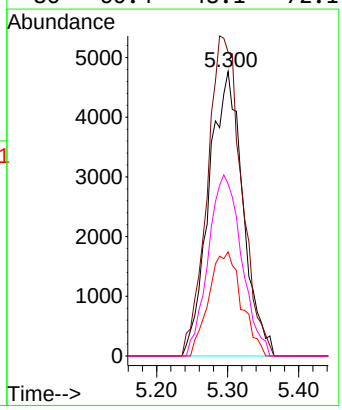


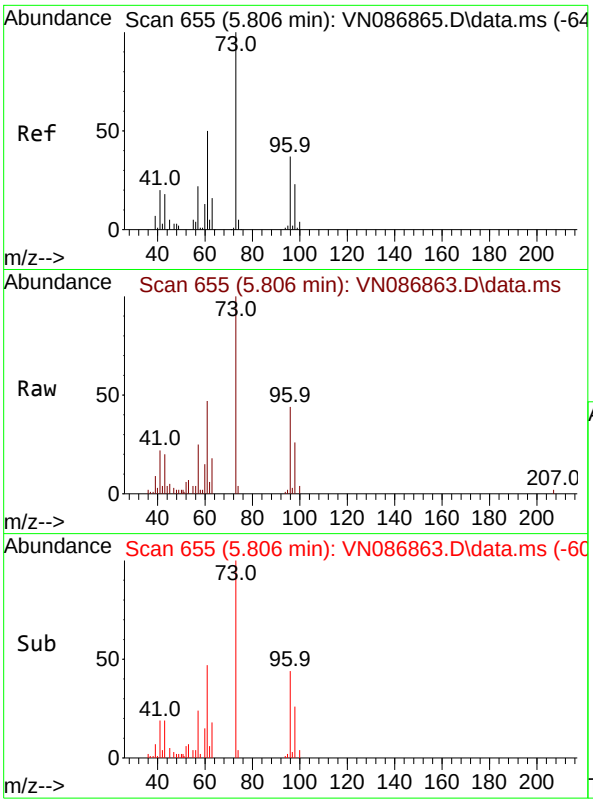


#20
Methylene Chloride
Concen: 5.178 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 84 Resp: 15809

Ion	Ratio	Lower	Upper
84	100		
49	106.8	90.5	135.7
51	36.6	28.5	42.7
86	60.4	48.1	72.1



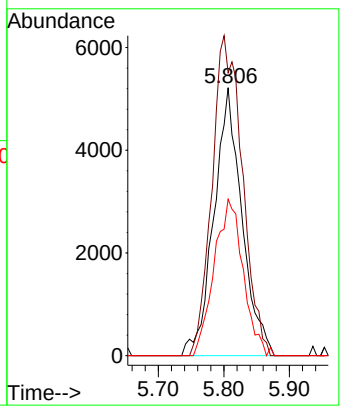


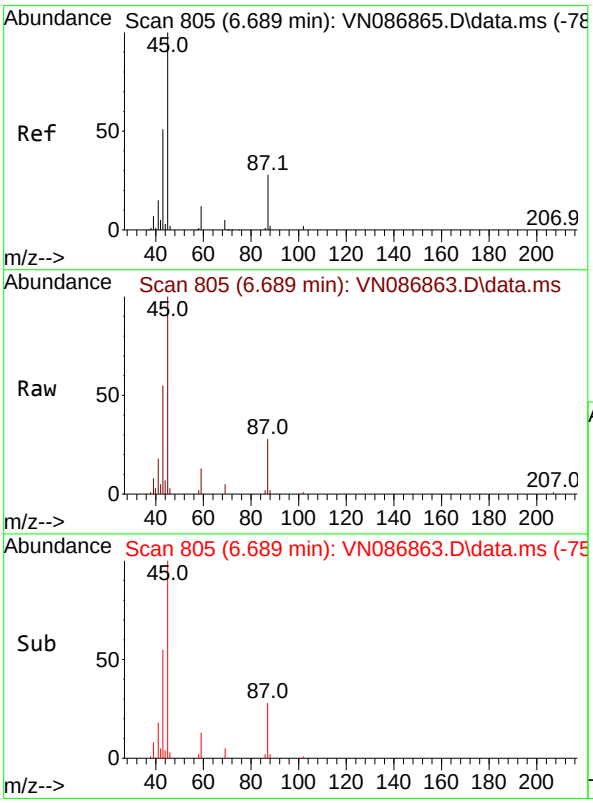
#21
trans-1,2-Dichloroethene
Concen: 5.442 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 15480

Ion	Ratio	Lower	Upper
96	100		
61	105.6	109.2	163.8#
98	58.4	49.8	74.8

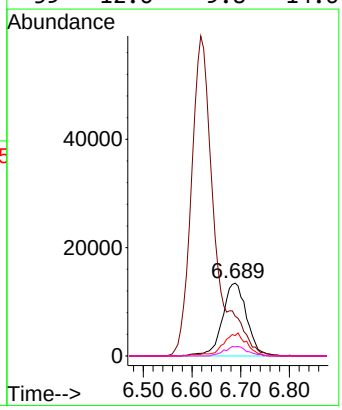


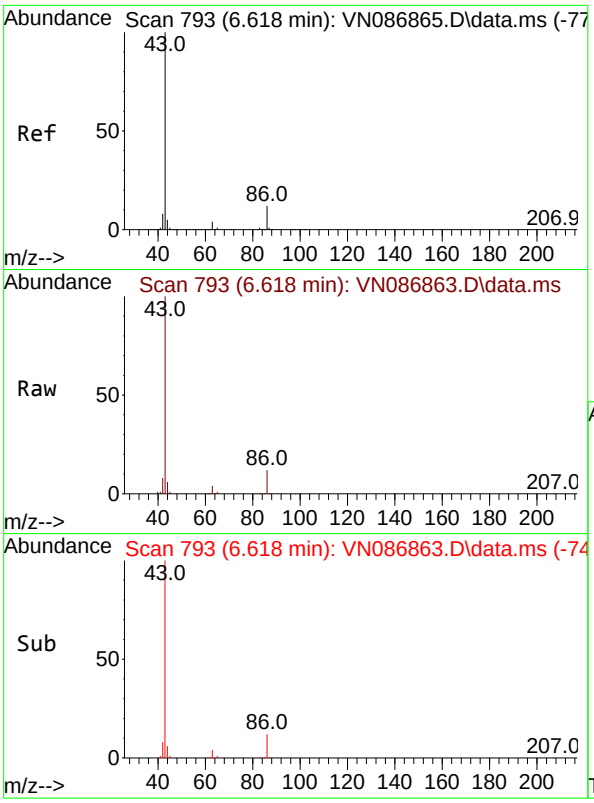


#22
Diisopropyl ether
Concen: 5.191 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 45 Resp: 46396

Ion	Ratio	Lower	Upper
45	100		
43	53.2	41.9	62.9
87	27.9	22.4	33.6
59	12.6	9.8	14.6



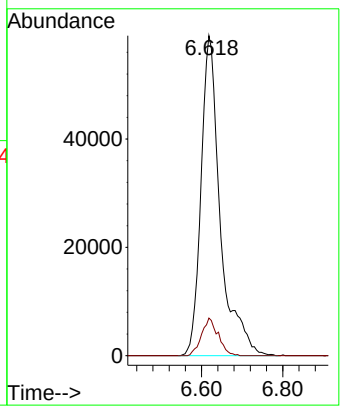


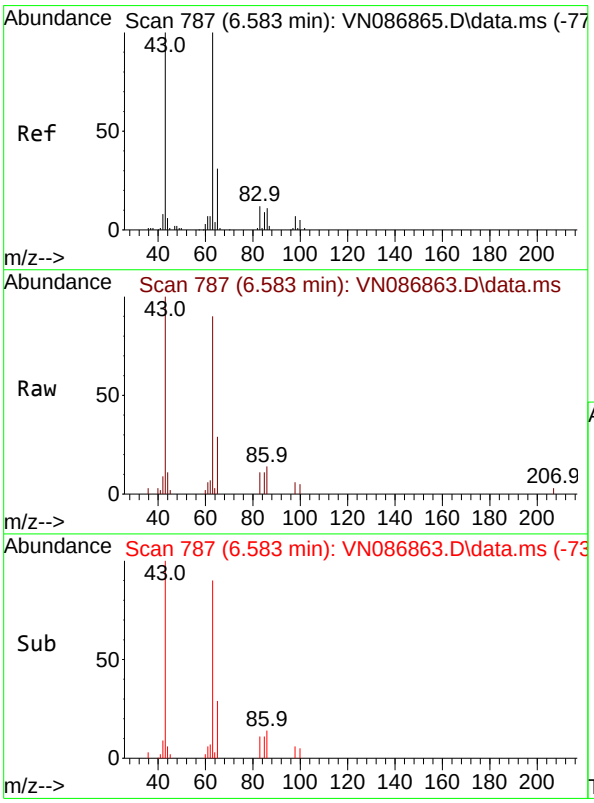
#23
Vinyl Acetate
Concen: 25.735 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 194334

Ion	Ratio	Lower	Upper
43	100		
86	11.8	9.5	14.3

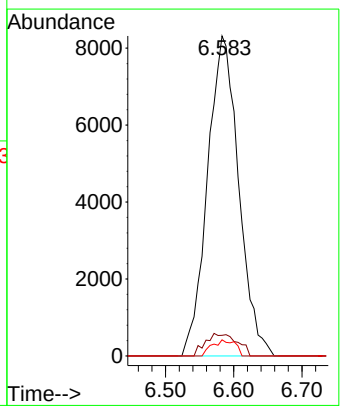


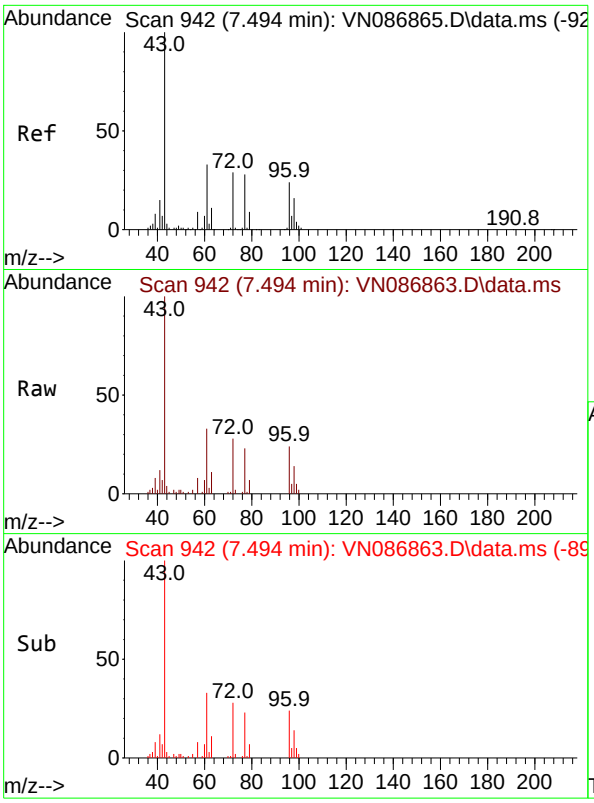


#24
1,1-Dichloroethane
Concen: 5.147 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 63 Resp: 26473

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.6	10.8
100	5.1	2.6	7.8



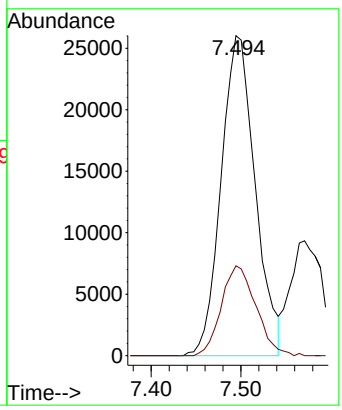


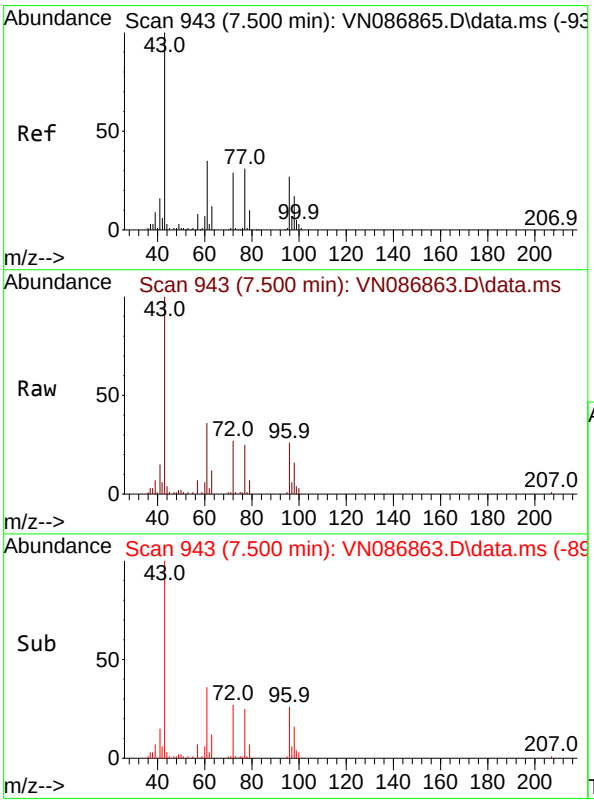
#25
2-Butanone
Concen: 25.888 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 68629

Ion	Ratio	Lower	Upper
43	100		
72	28.1	23.0	34.6

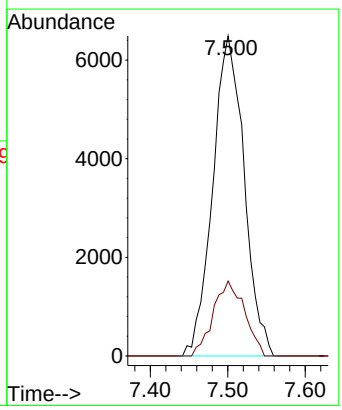


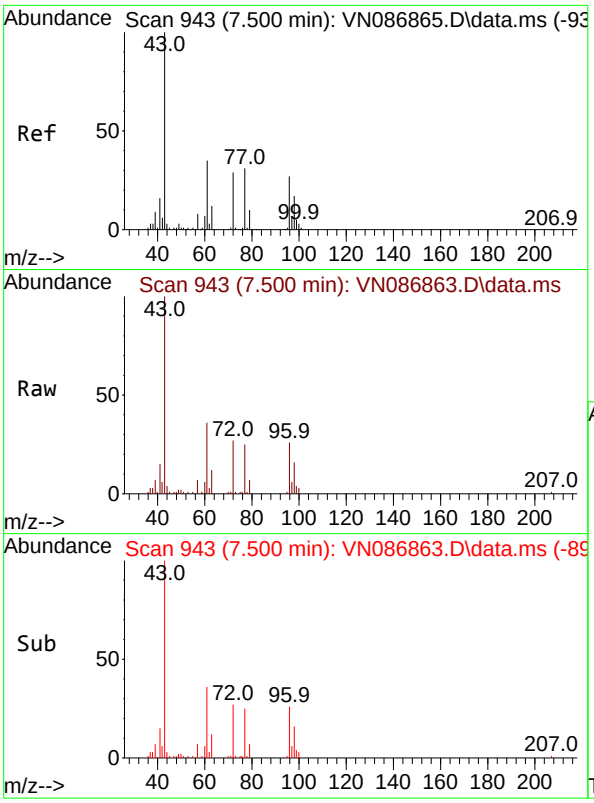


#26
2,2-Dichloropropane
Concen: 4.571 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 77 Resp: 18288

Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.6	34.7



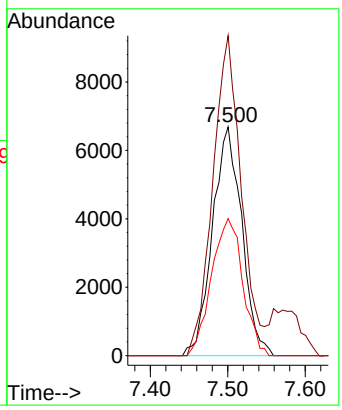


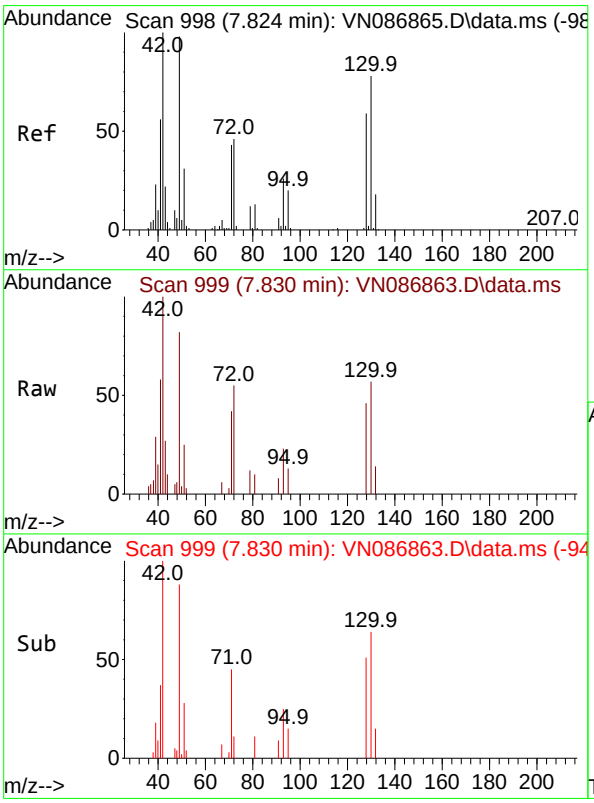
#27
cis-1,2-Dichloroethene
Concen: 5.172 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 17594

Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	278.0
98	64.0	0.0	128.2

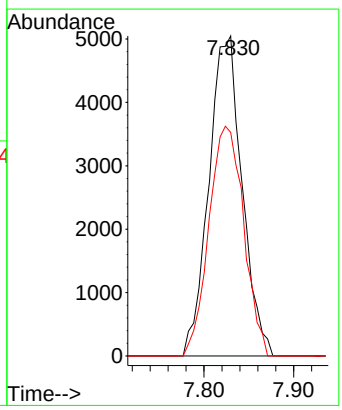


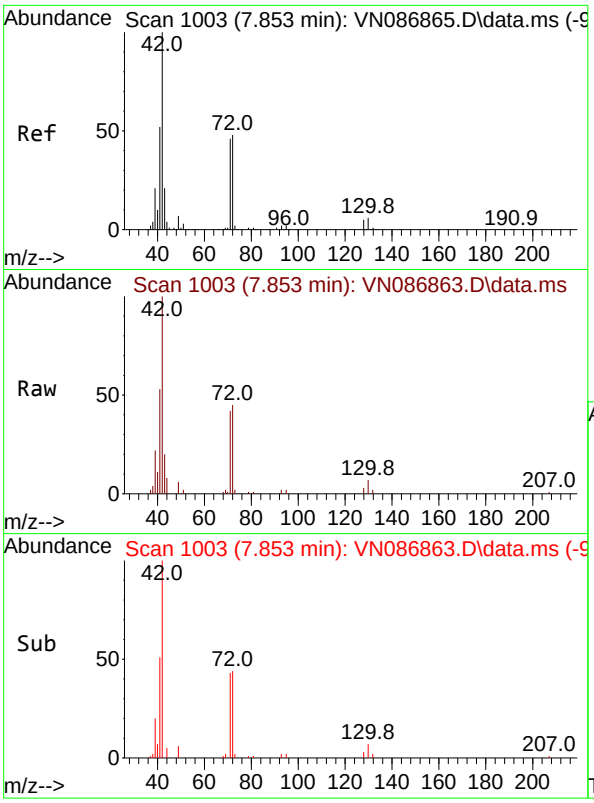


#28
Bromochloromethane
Concen: 5.124 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 49 Resp: 12958

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	75.2	62.2	93.2



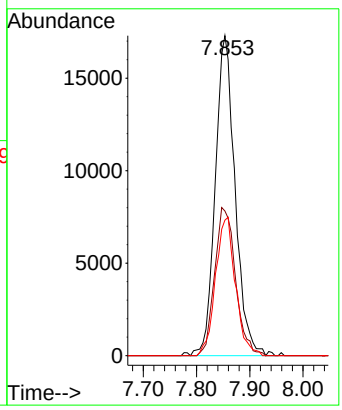


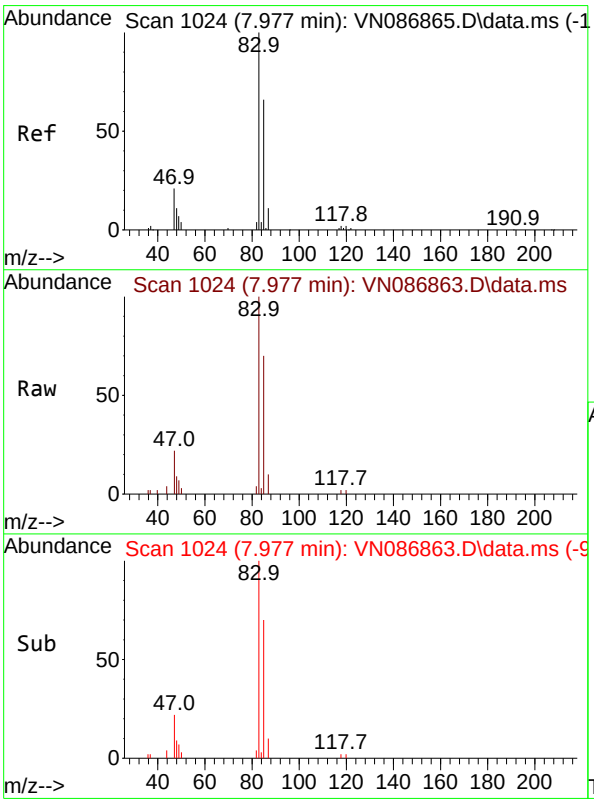
#29
Tetrahydrofuran
Concen: 25.912 ug/l
RT: 7.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 44749

Ion	Ratio	Lower	Upper
42	100		
72	48.6	37.8	56.6
71	43.5	35.6	53.4

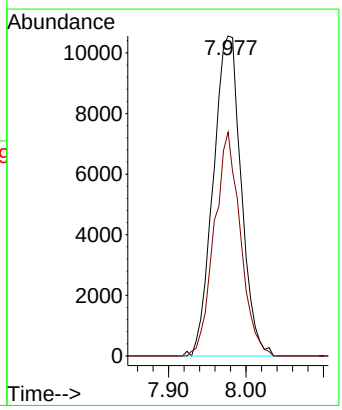


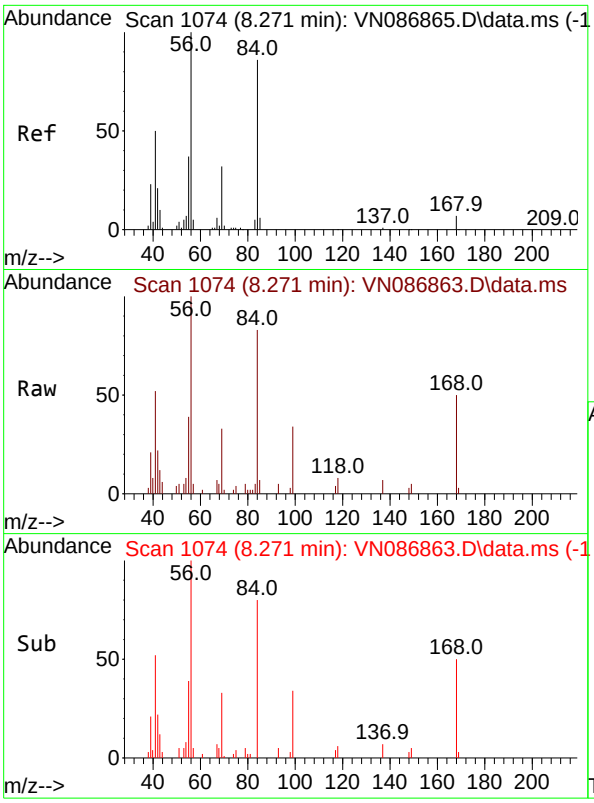


#30
Chloroform
Concen: 5.149 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 83 Resp: 26450

Ion	Ratio	Lower	Upper
83	100		
85	69.9	52.9	79.3



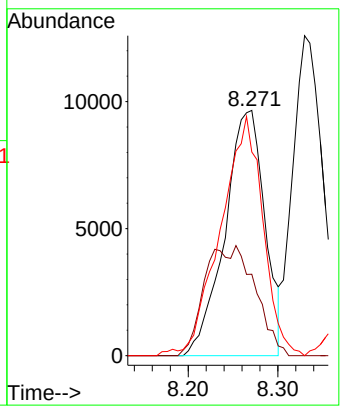


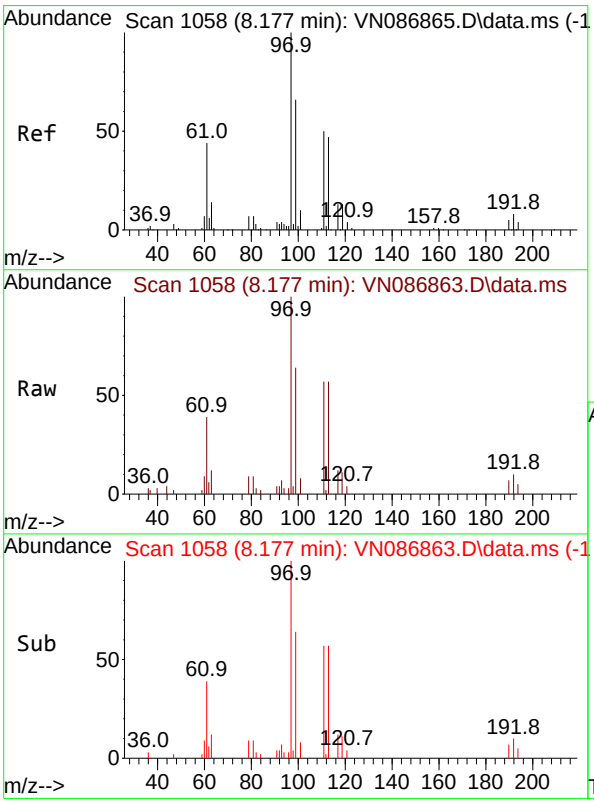
#31
Cyclohexane
Concen: 6.002 ug/l
RT: 8.271 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 29938

Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.4	38.0
84	81.1	68.8	103.2

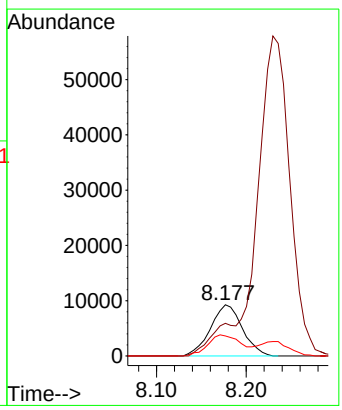


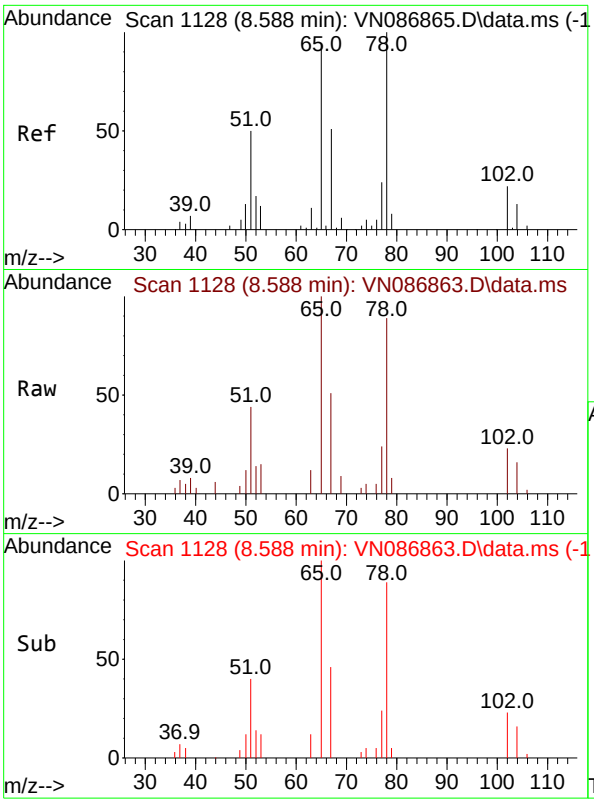


#32
1,1,1-Trichloroethane
Concen: 5.232 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 97 Resp: 22857

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	42.9	35.9	53.9



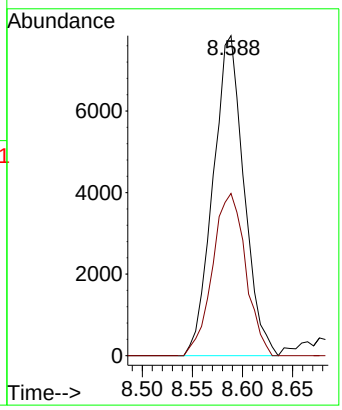


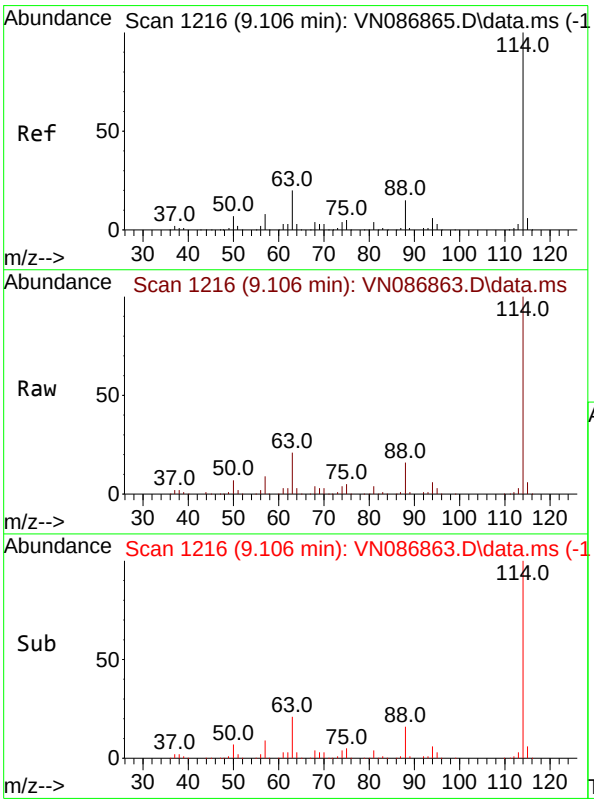
#33
1,2-Dichloroethane-d4
Concen: 5.468 ug/l
RT: 8.588 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 16818

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	105.6

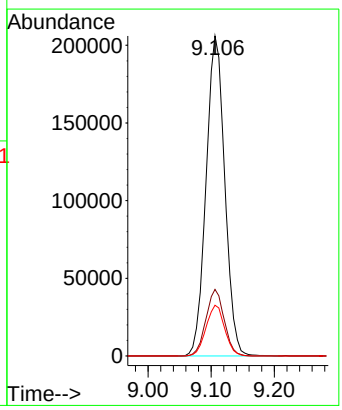


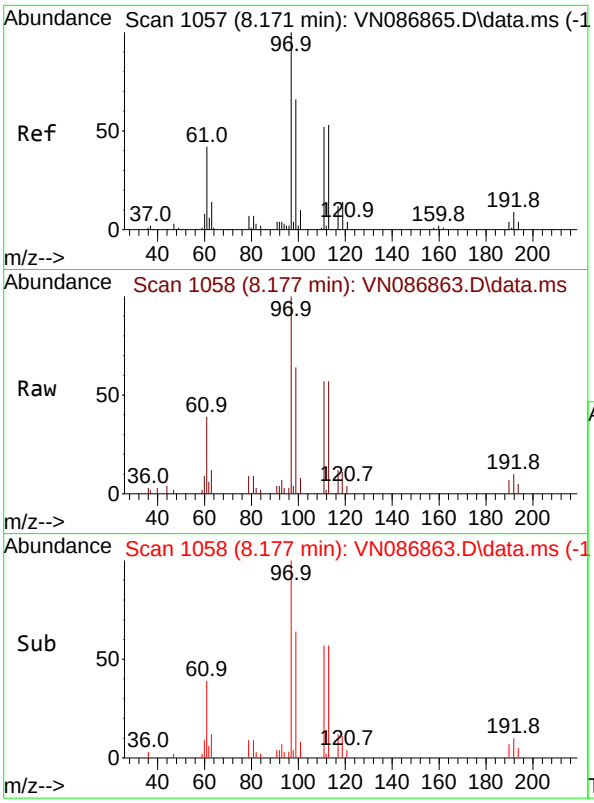


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:114 Resp: 423980

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.6
88	15.9	0.0	30.2



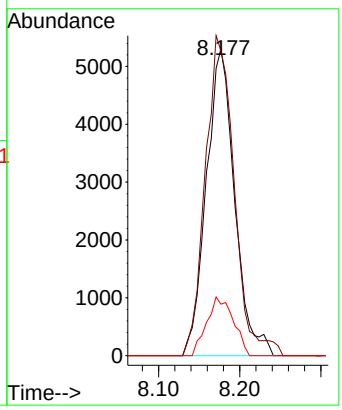


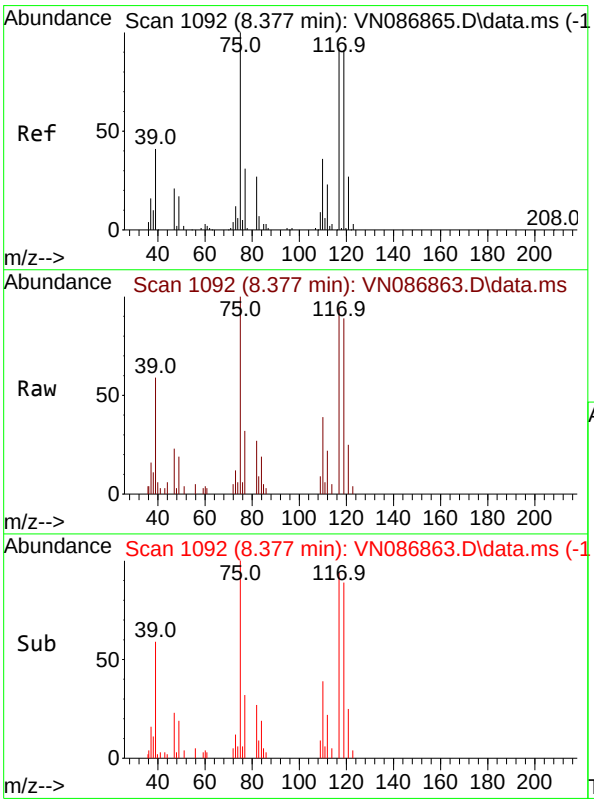
#35
Dibromofluoromethane
Concen: 5.121 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 12867

Ion	Ratio	Lower	Upper
113	100		
111	106.5	84.2	126.2
192	18.0	14.2	21.4

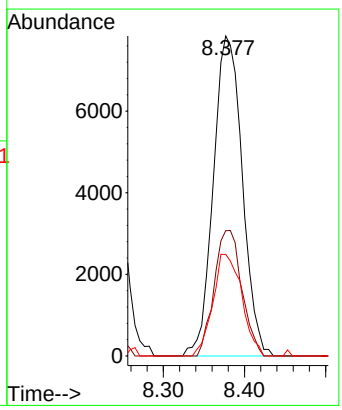


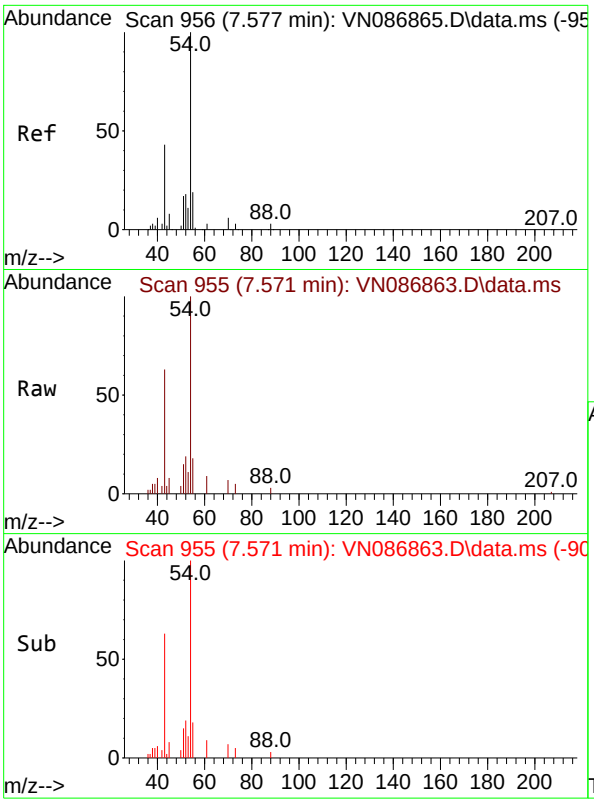


#36
1,1-Dichloropropene
Concen: 5.184 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 19410

Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.6	52.9
77	31.7	25.3	37.9



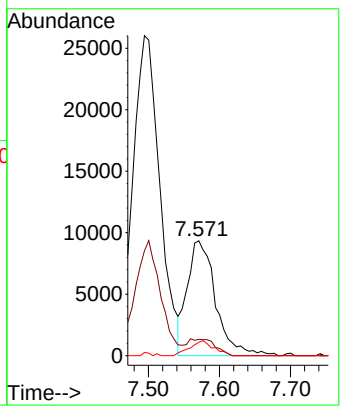


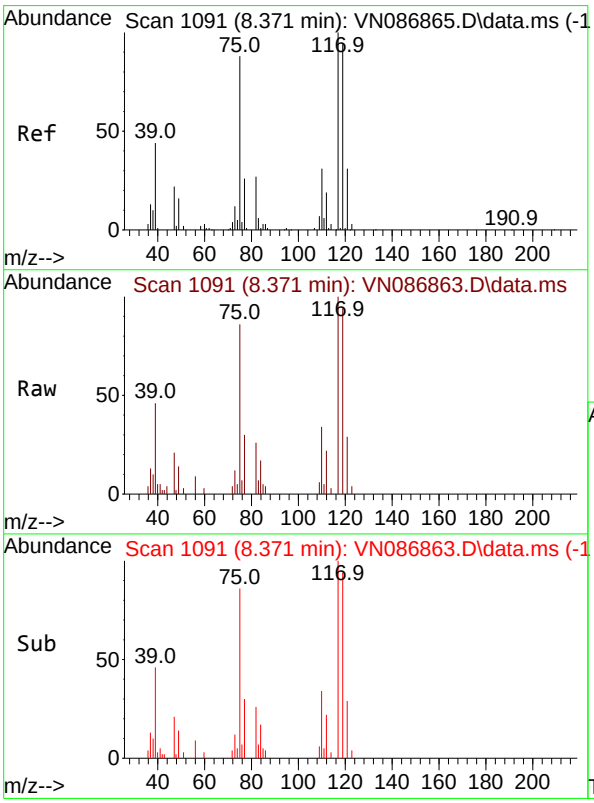
#37
Ethyl Acetate
Concen: 5.470 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 26073

Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.1	18.1
70	10.9	9.8	14.6

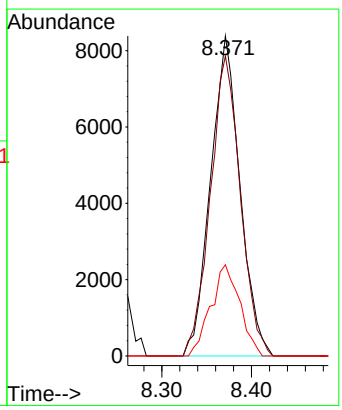


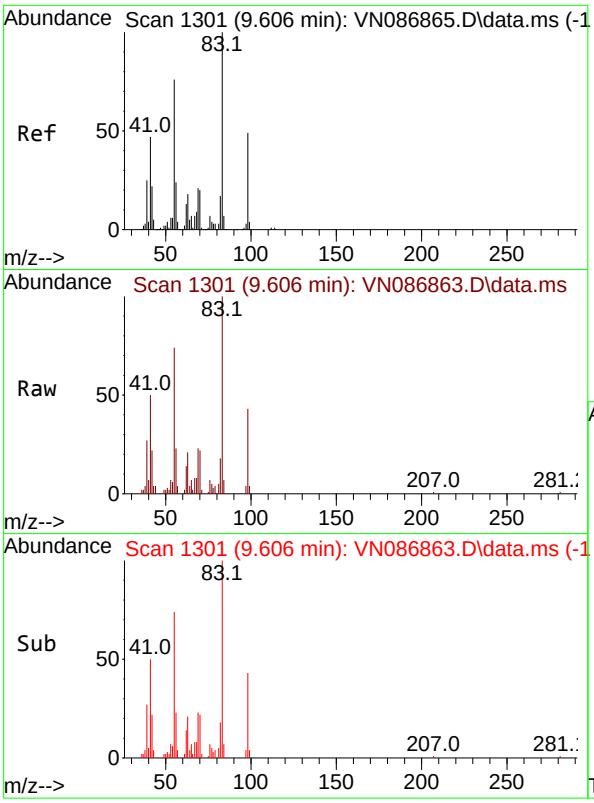


#38
Carbon Tetrachloride
Concen: 5.184 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:117 Resp: 19056

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	28.5	24.9	37.3



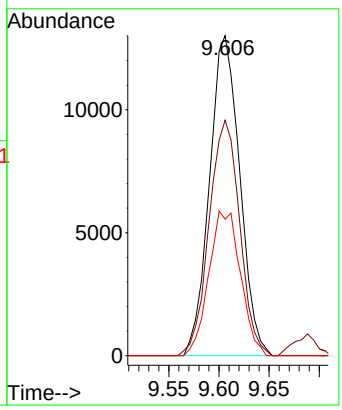


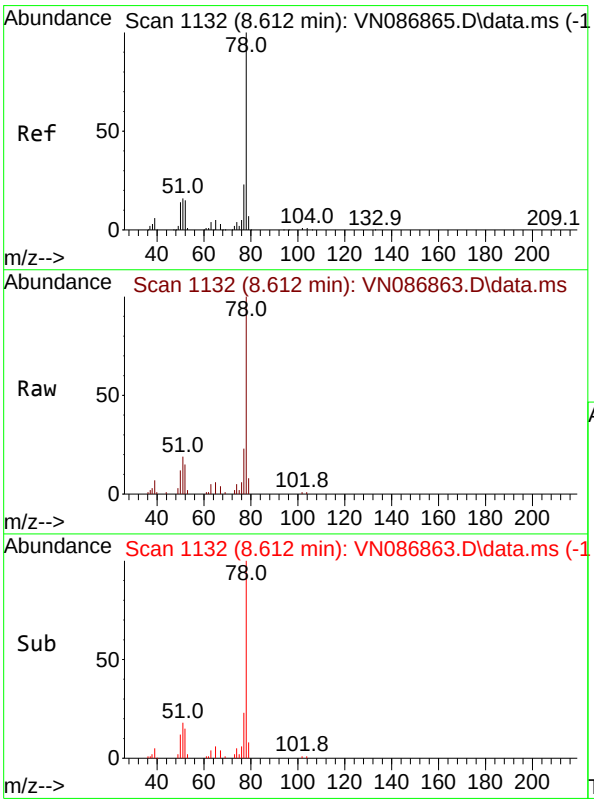
#39
Methylcyclohexane
Concen: 5.333 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 27353

Ion	Ratio	Lower	Upper
83	100		
55	73.6	61.0	91.6
98	42.6	38.9	58.3

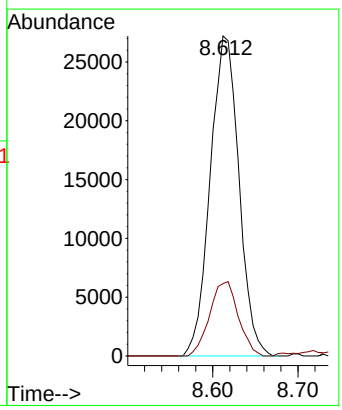


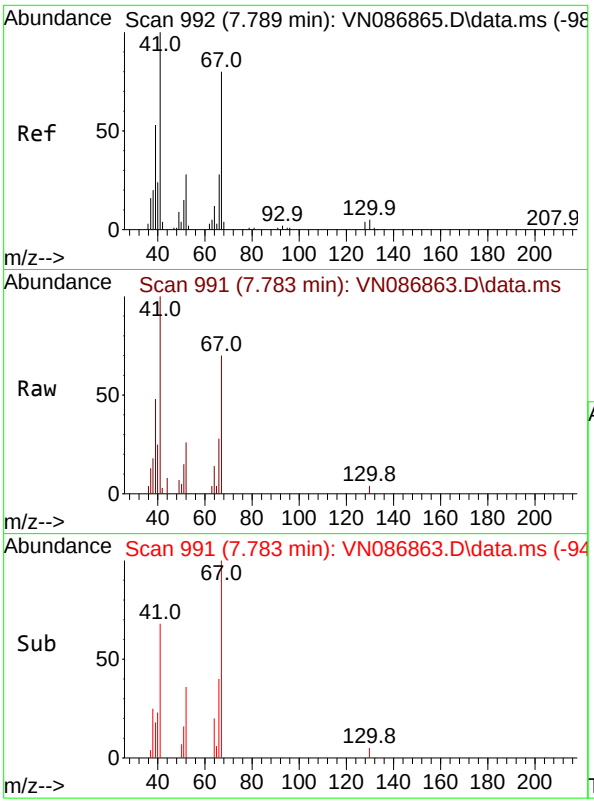


#40
Benzene
Concen: 5.199 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 78 Resp: 63646

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.7	28.1



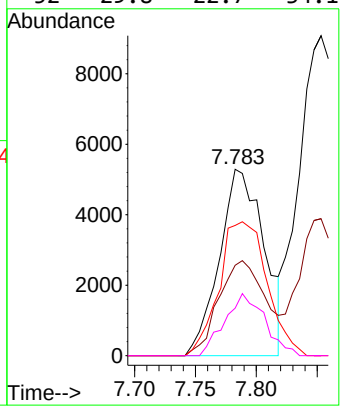


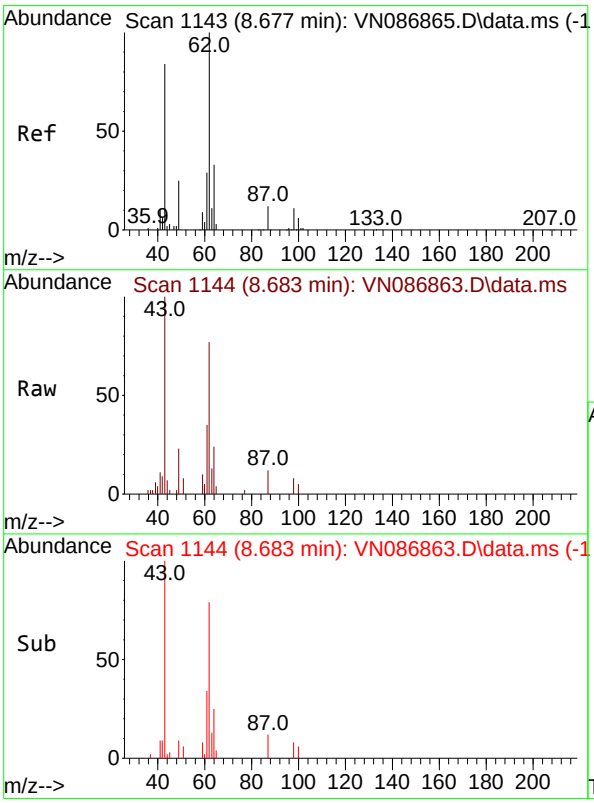
#41
Methacrylonitrile
Concen: 5.050 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 13518

Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.2	61.8
67	77.0	61.4	92.2
52	29.8	22.7	34.1

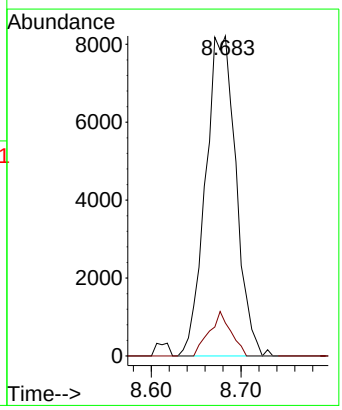


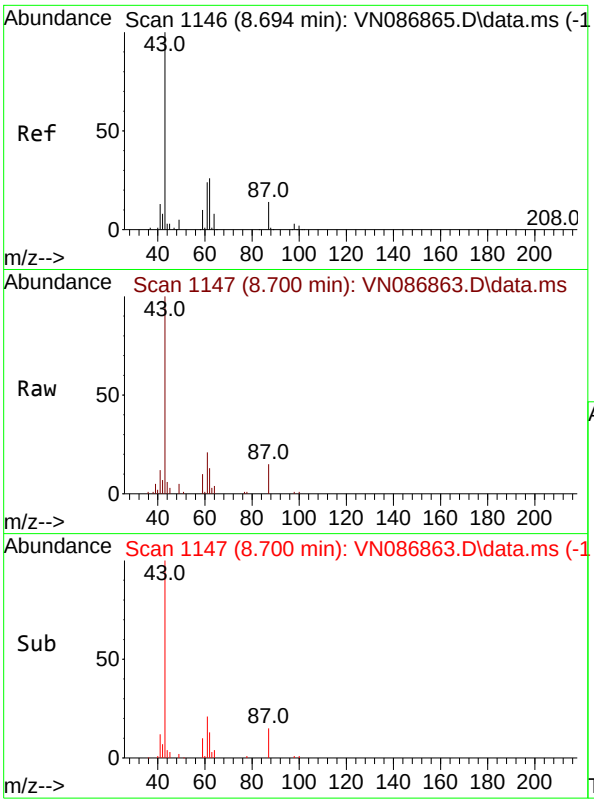


#42
1,2-Dichloroethane
Concen: 5.205 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 62 Resp: 19329

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	21.2



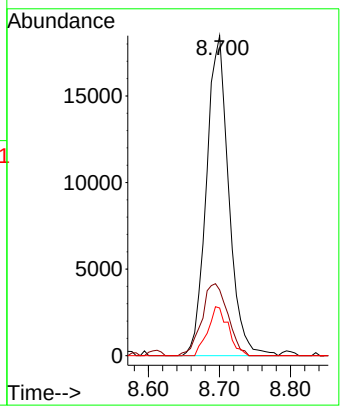


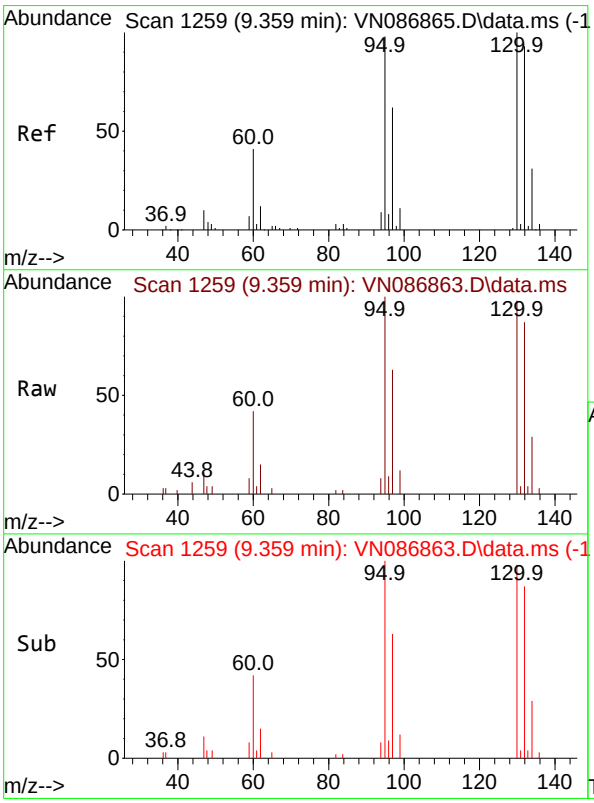
#43
Isopropyl Acetate
Concen: 5.264 ug/l
RT: 8.700 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 40268

Ion	Ratio	Lower	Upper
43	100		
61	26.2	22.1	33.1
87	14.1	11.8	17.6

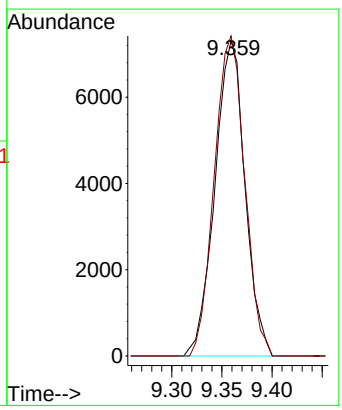


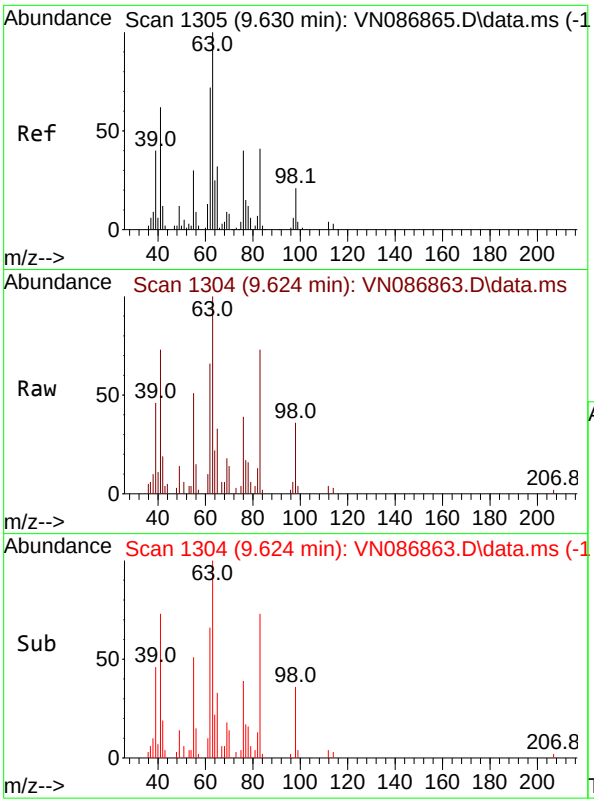


#44
Trichloroethene
Concen: 5.251 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:130 Resp: 15245

Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	196.2



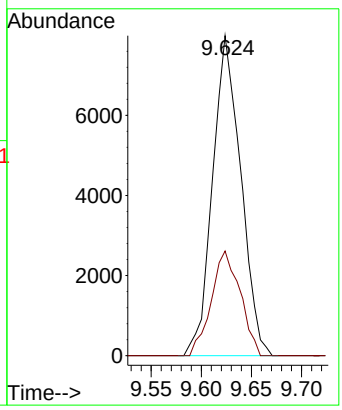


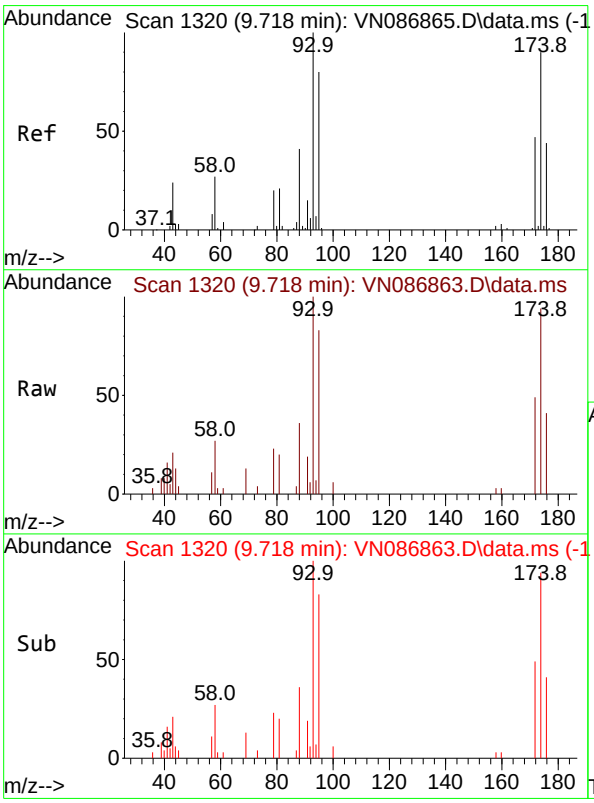
#45
1,2-Dichloropropane
Concen: 5.248 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 15632

Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.5	38.3

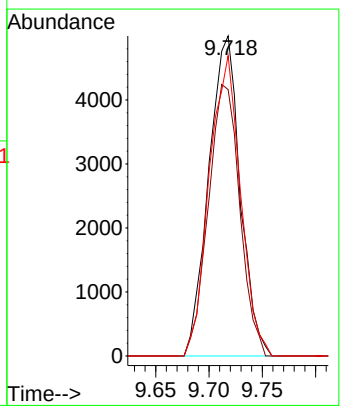


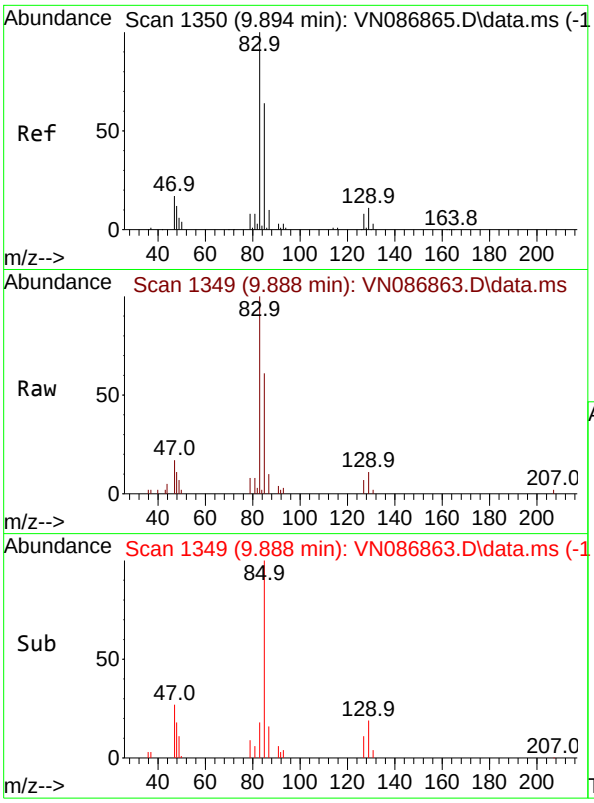


#46
Dibromomethane
Concen: 5.176 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 93 Resp: 10241

Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.1	100.7
174	93.4	74.2	111.4



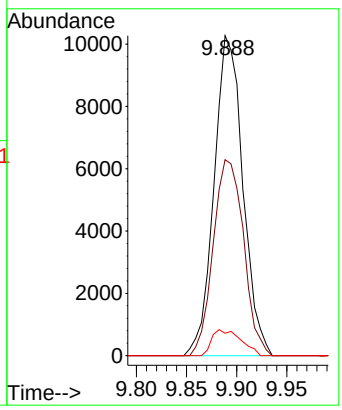


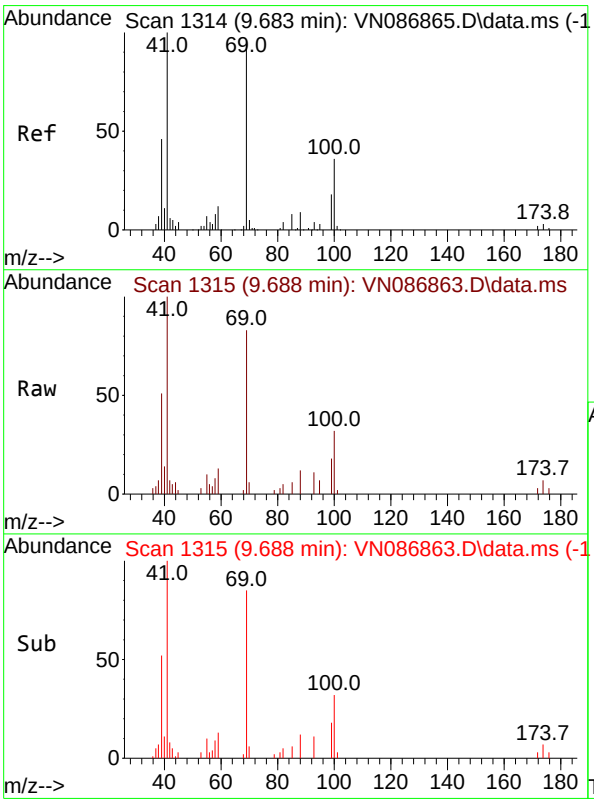
#47
Bromodichloromethane
Concen: 5.039 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 20512

Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.9	76.3
127	7.0	6.6	10.0

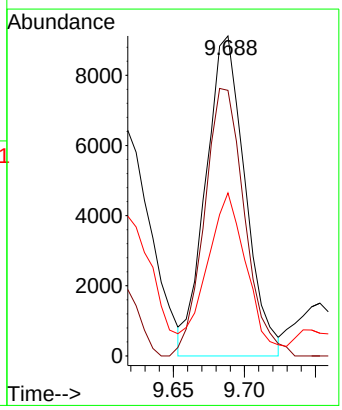


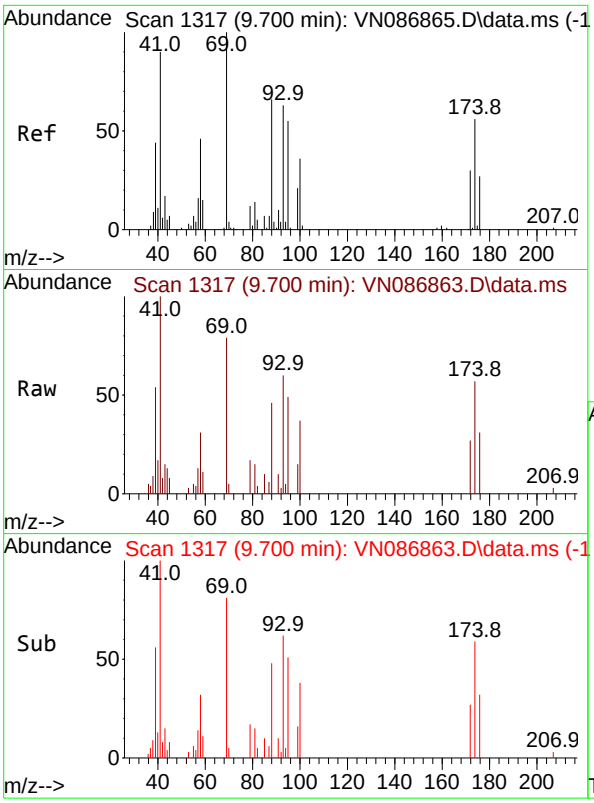


#48
Methyl methacrylate
Concen: 4.996 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 41 Resp: 17591

Ion	Ratio	Lower	Upper
41	100		
69	85.2	74.6	112.0
39	52.3	40.2	60.4



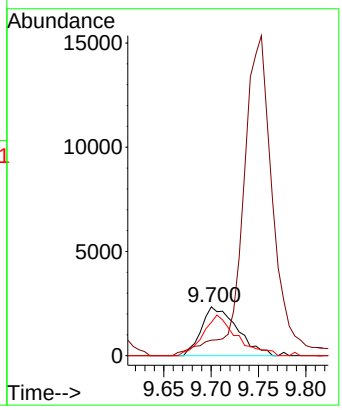


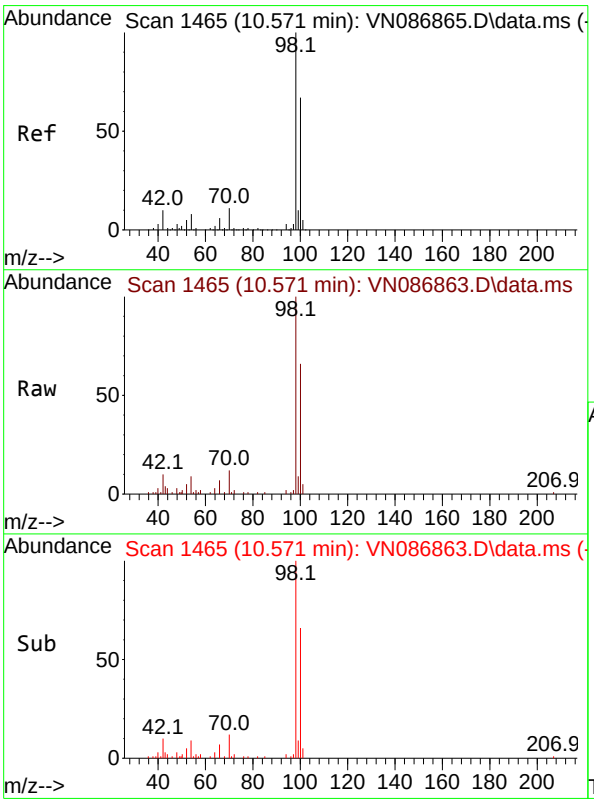
#49
1,4-Dioxane
Concen: 95.874 ug/l
RT: 9.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 6141

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.9	57.7	86.5

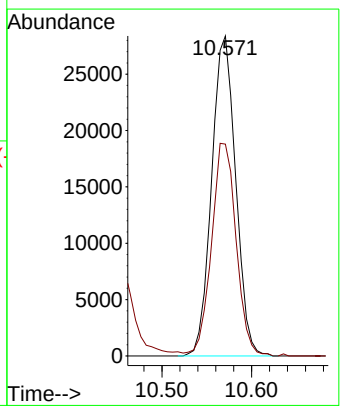


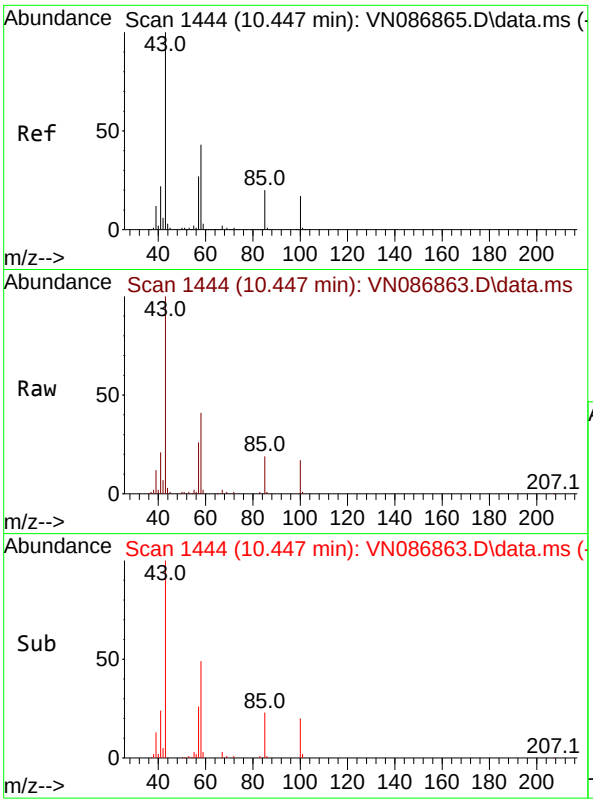


#50
Toluene-d8
Concen: 5.308 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 98 Resp: 52794

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.4	80.0



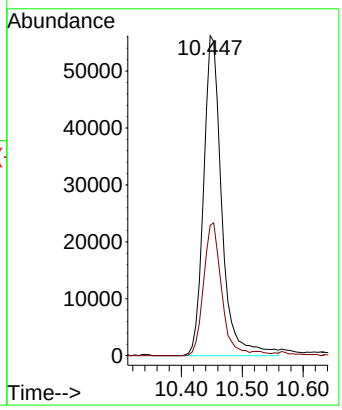


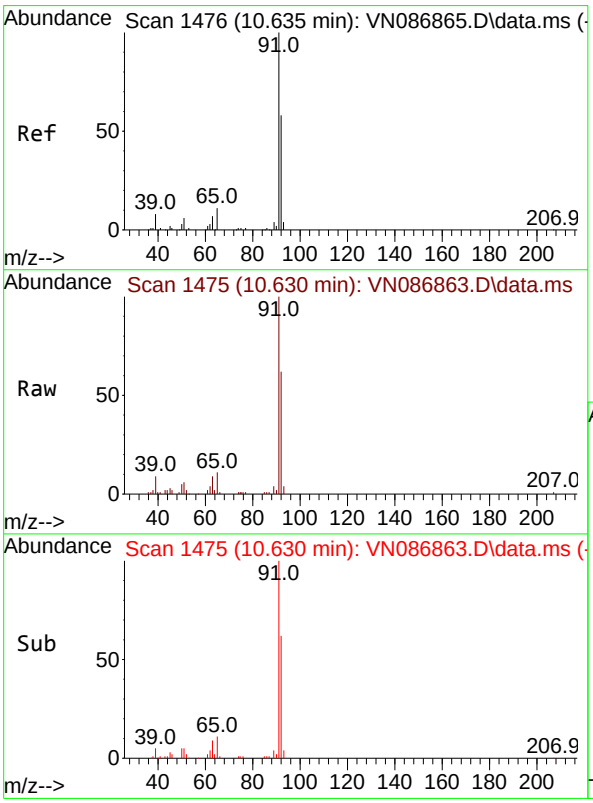
#51
4-Methyl-2-Pentanone
Concen: 25.283 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 116434

Ion	Ratio	Lower	Upper
43	100		
58	40.9	34.2	51.4

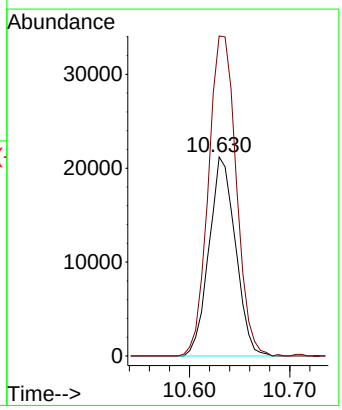


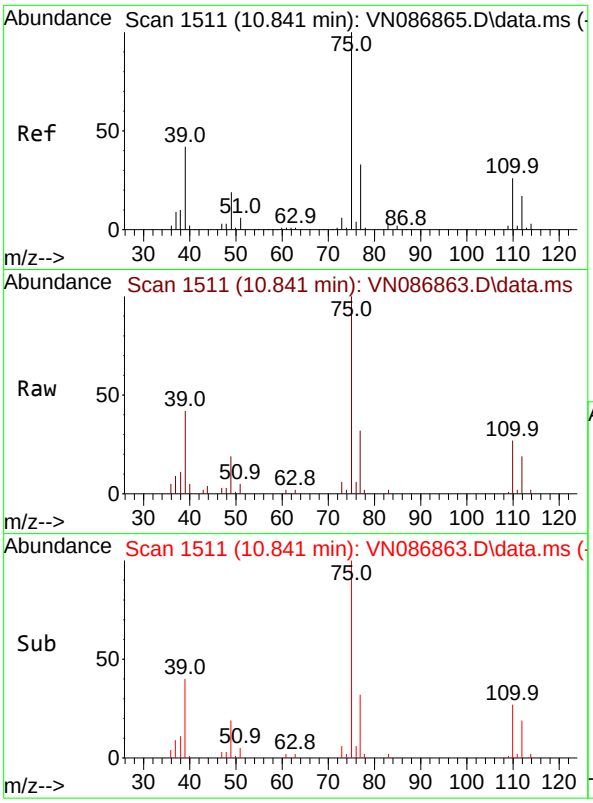


#52
Toluene
Concen: 5.178 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 92 Resp: 38744

Ion	Ratio	Lower	Upper
92	100		
91	169.5	136.5	204.7



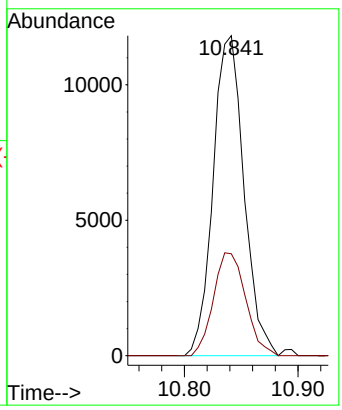


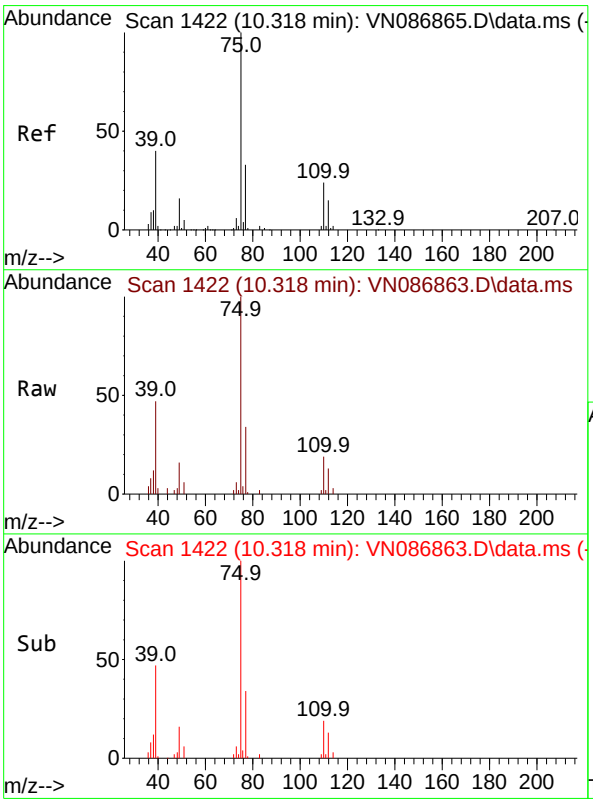
#53
t-1,3-Dichloropropene
Concen: 4.896 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 22285

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.4	39.6

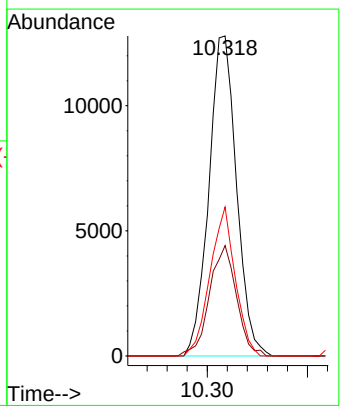


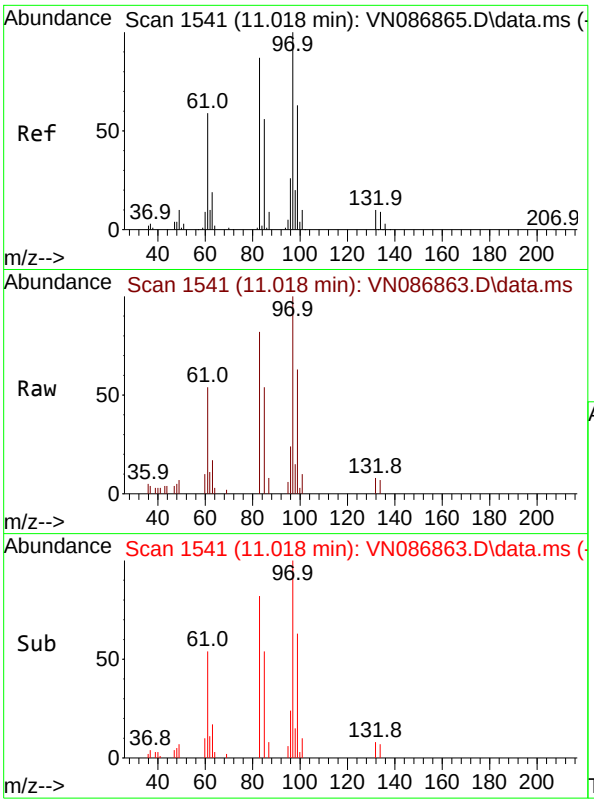


#54
cis-1,3-Dichloropropene
Concen: 5.026 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 24477

Ion	Ratio	Lower	Upper
75	100		
77	34.5	26.2	39.4
39	46.5	32.3	48.5



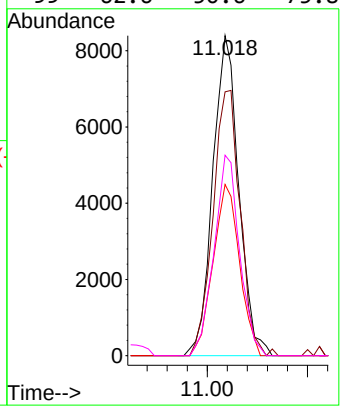


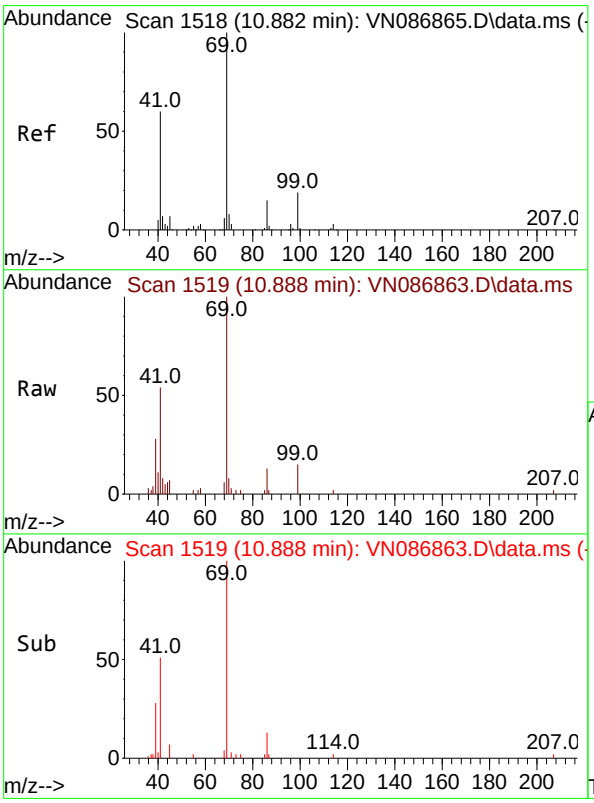
#55
1,1,2-Trichloroethane
Concen: 5.234 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 15068

Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.7	104.5
85	53.5	45.1	67.7
99	62.6	50.6	75.8

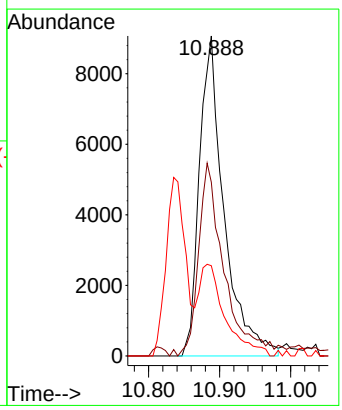


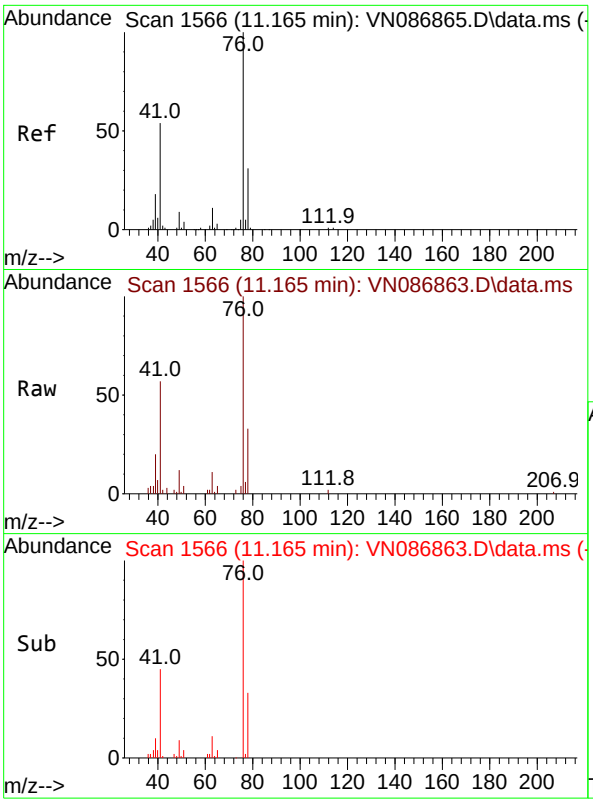


#56
Ethyl methacrylate
Concen: 4.774 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 69 Resp: 21893

Ion	Ratio	Lower	Upper
69	100		
41	63.5	47.2	70.8
39	29.9	23.0	34.6



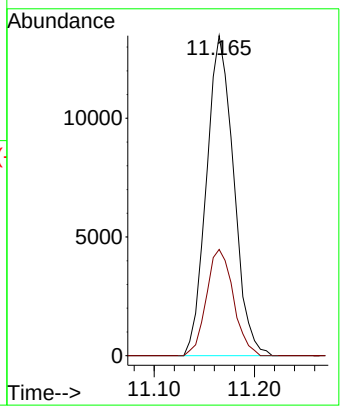


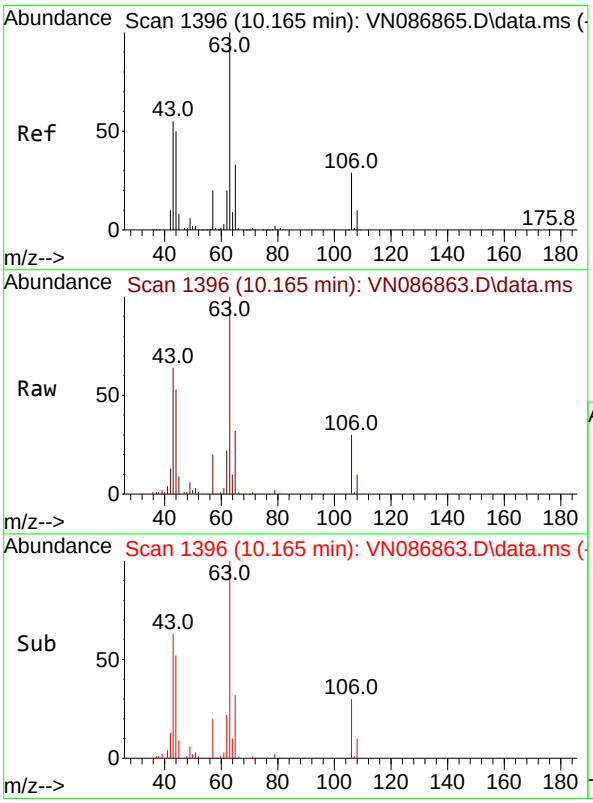
#57
1,3-Dichloropropane
Concen: 5.096 ug/l
RT: 11.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 25452

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.3	37.9

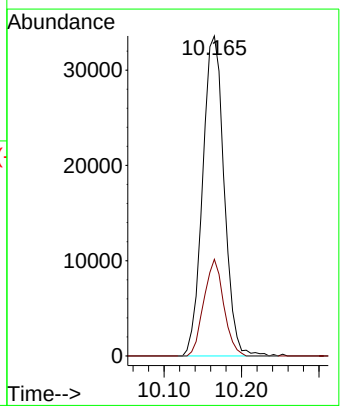


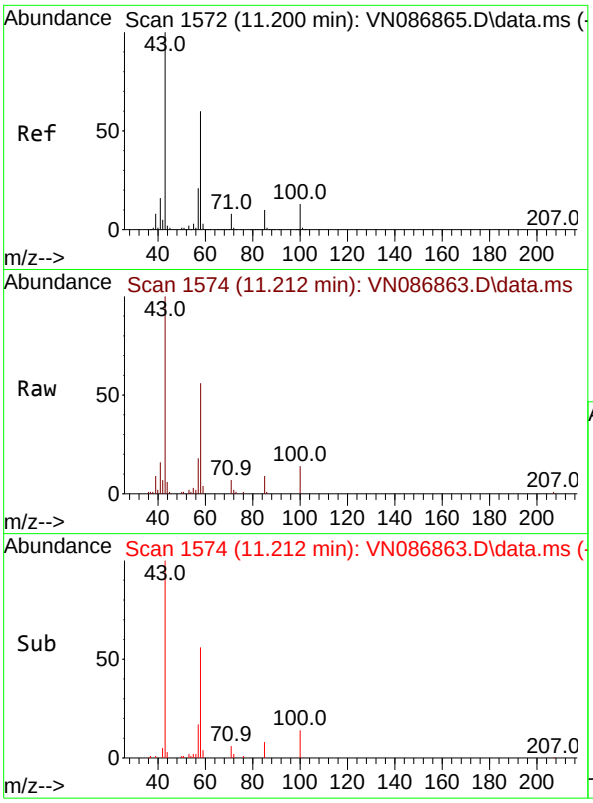


#58
2-Chloroethyl Vinyl ether
Concen: 23.664 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 63 Resp: 64722

Ion	Ratio	Lower	Upper
63	100		
106	27.9	23.0	34.6



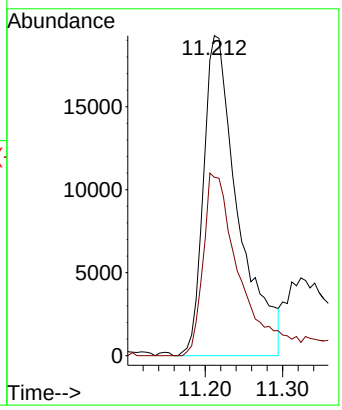


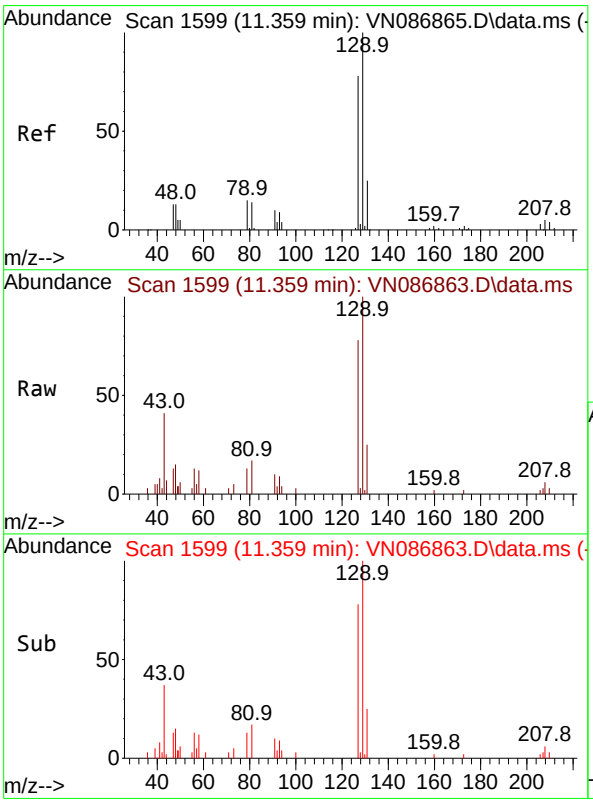
#59
2-Hexanone
Concen: 20.188 ug/l
RT: 11.212 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 59884

Ion	Ratio	Lower	Upper
43	100		
58	60.5	30.4	91.3

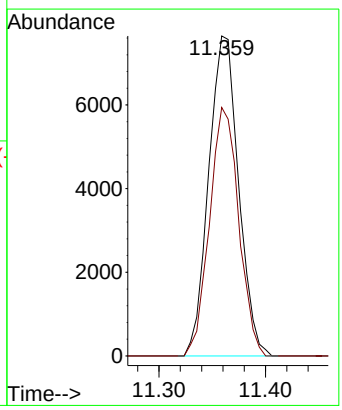


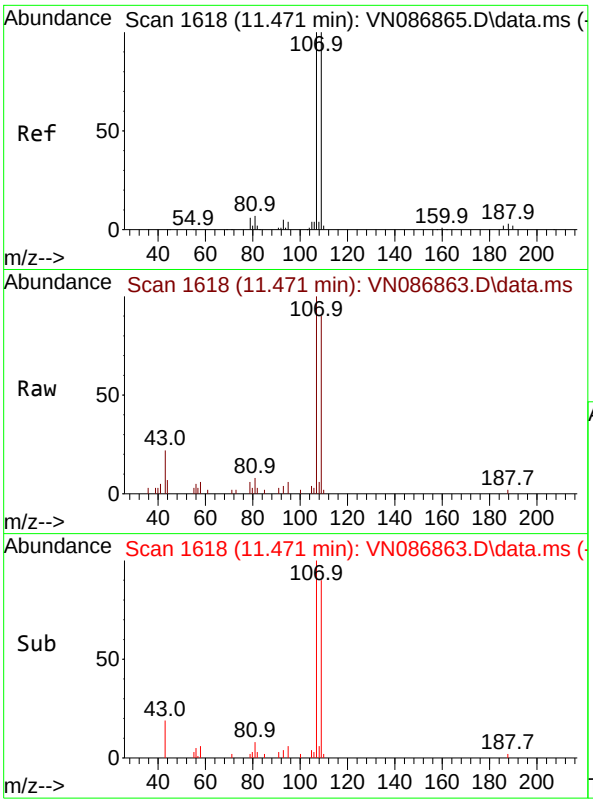


#60
Dibromochloromethane
Concen: 4.962 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:129 Resp: 14884

Ion	Ratio	Lower	Upper
129	100		
127	75.9	38.6	115.8



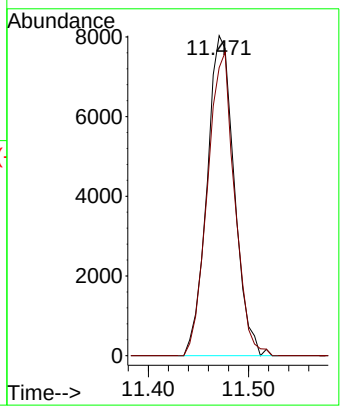


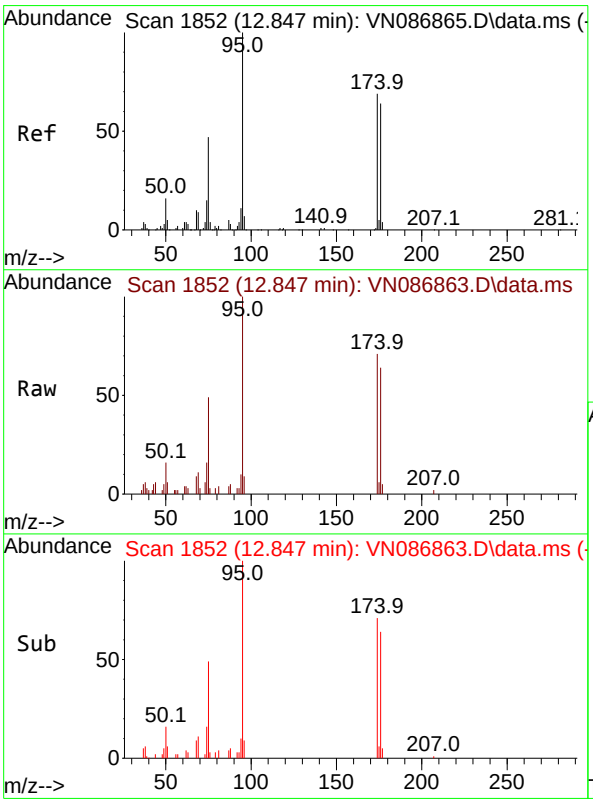
#61
1,2-Dibromoethane
Concen: 5.141 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 15172

Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.3	114.5

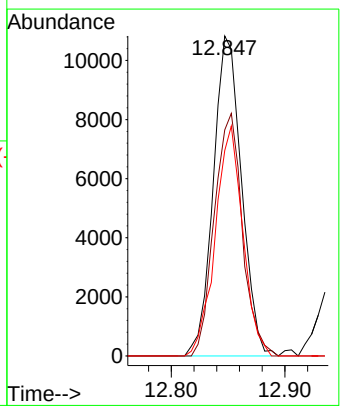


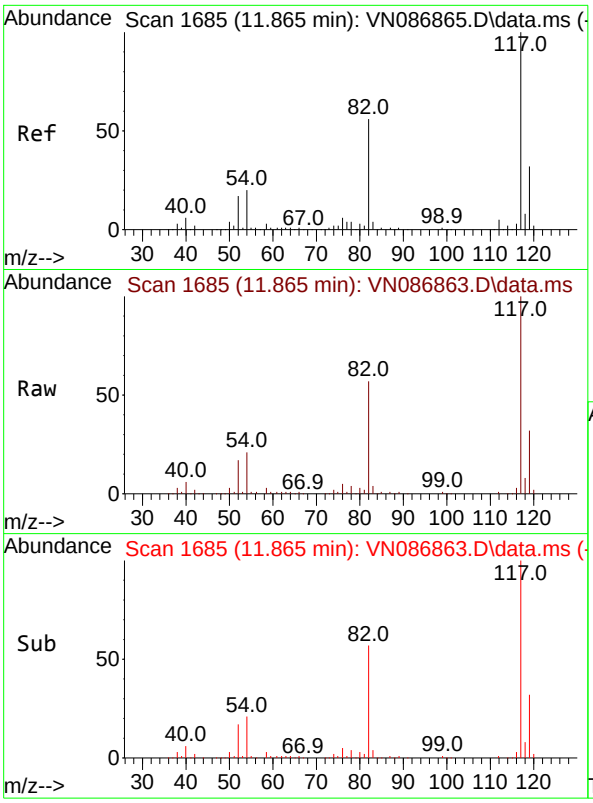


#62
4-Bromofluorobenzene
Concen: 5.059 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 95 Resp: 18697

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	141.8
176	70.2	0.0	132.6



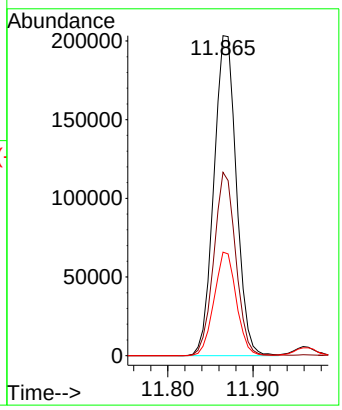


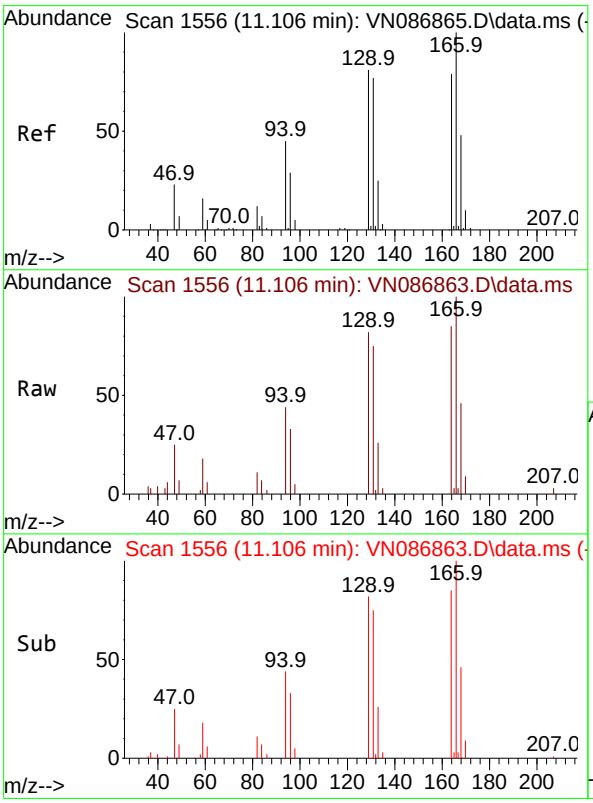
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 371851

Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.6	67.0
119	32.3	25.5	38.3

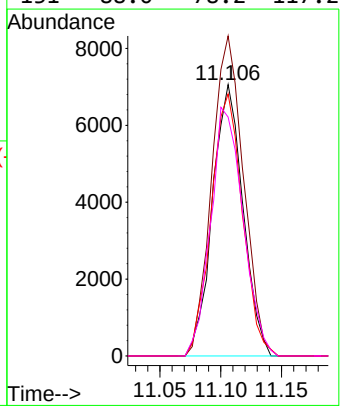


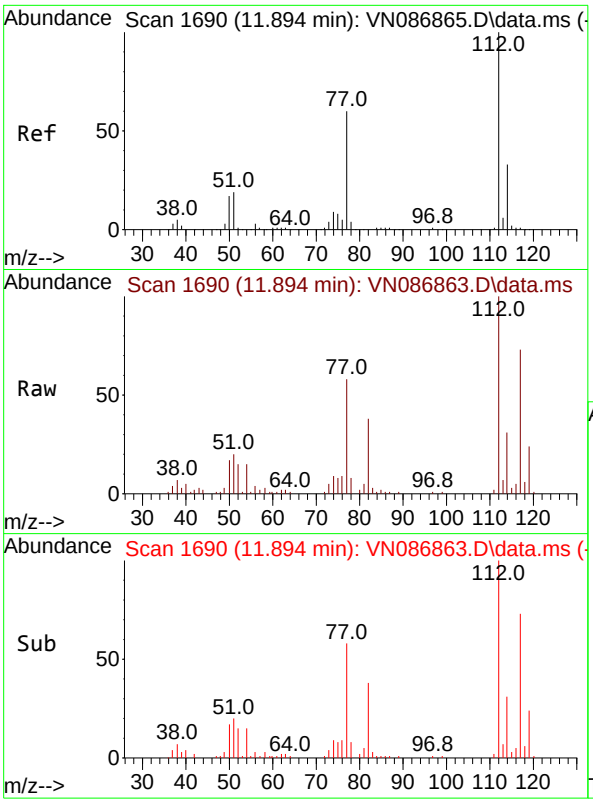


#64
Tetrachloroethene
Concen: 5.236 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:164 Resp: 12322

Ion	Ratio	Lower	Upper
164	100		
166	117.9	101.8	152.8
129	96.6	83.0	124.4
131	88.0	78.2	117.2



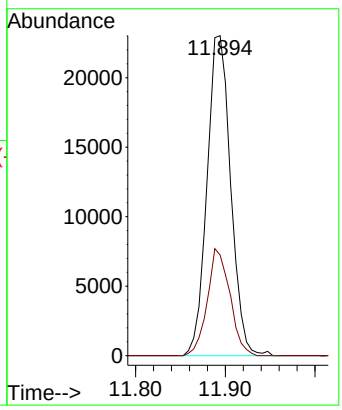


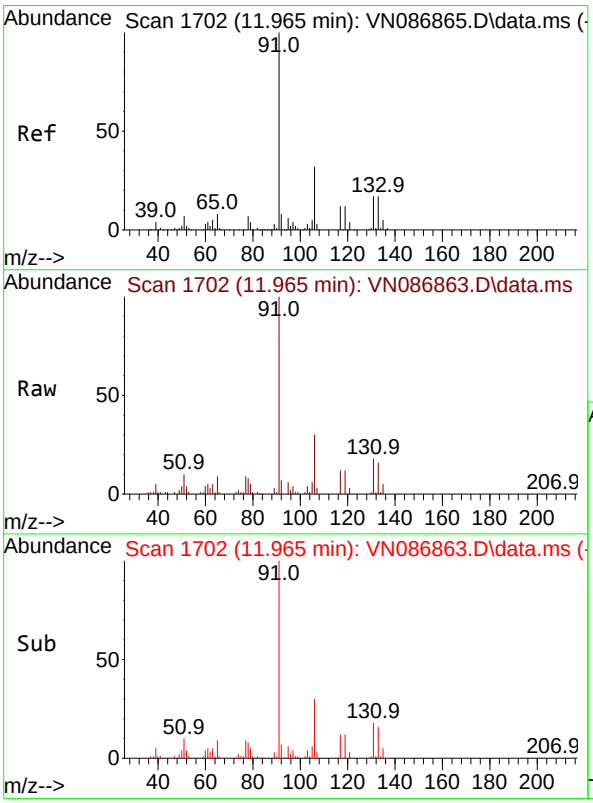
#65
Chlorobenzene
Concen: 5.145 ug/l
RT: 11.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 42195

Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.2	39.2

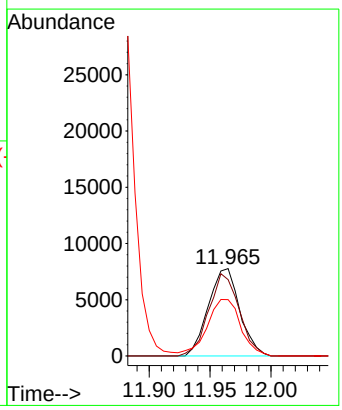


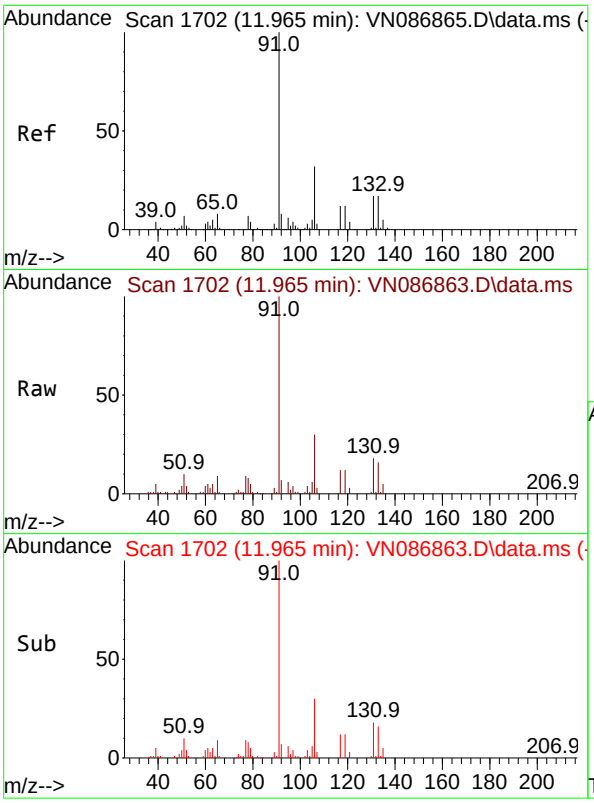


#66
1,1,1,2-Tetrachloroethane
Concen: 5.271 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:131 Resp: 13897

Ion	Ratio	Lower	Upper
131	100		
133	91.7	48.3	144.8
119	69.1	34.0	101.8



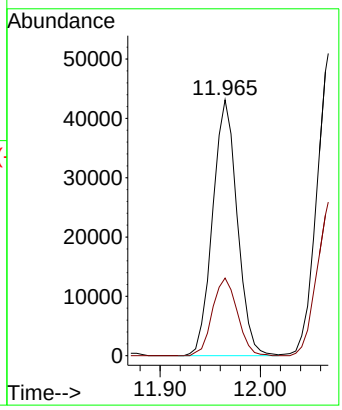


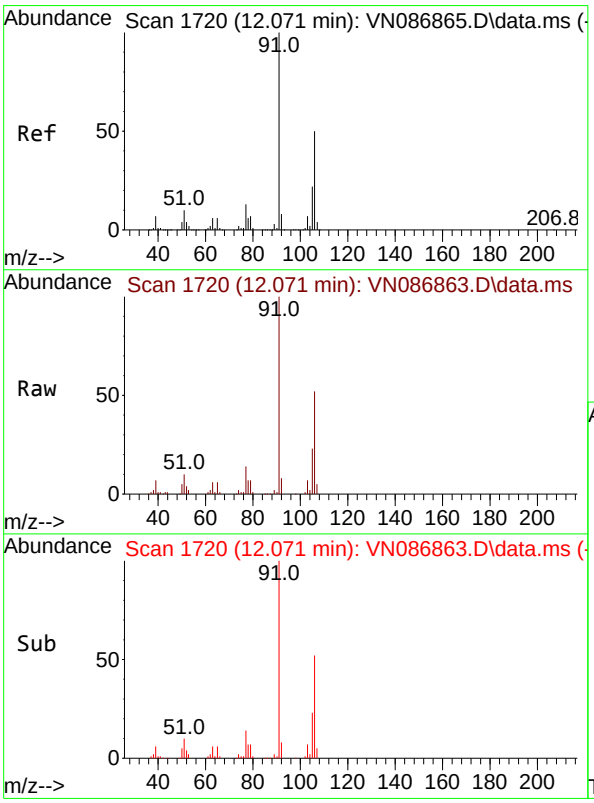
#67
Ethyl Benzene
Concen: 5.199 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 73443

Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.4	38.2

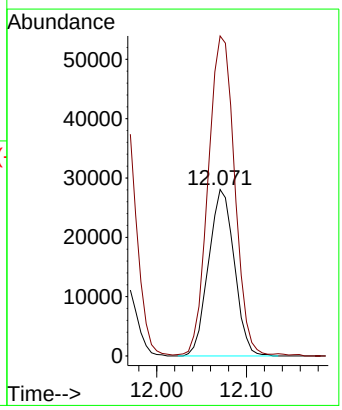


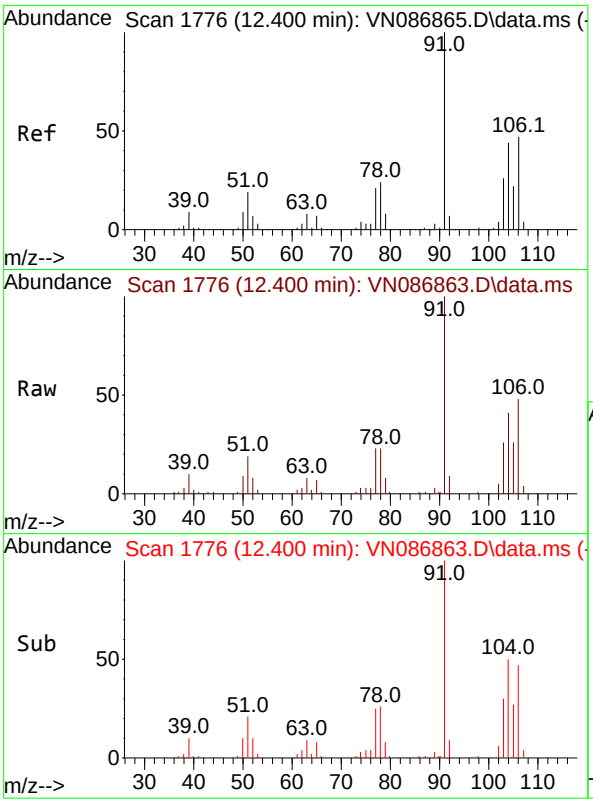


#68
m/p-Xylenes
Concen: 10.330 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:106 Resp: 55859

Ion	Ratio	Lower	Upper
106	100		
91	199.0	159.4	239.0



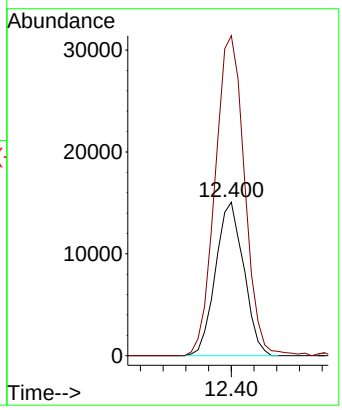


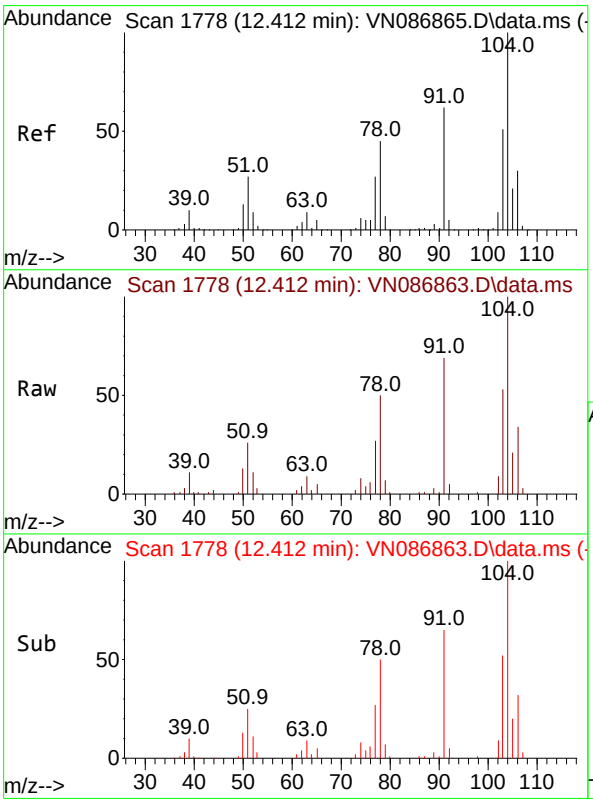
#69
o-Xylene
Concen: 5.021 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 26004

Ion	Ratio	Lower	Upper
106	100		
91	218.1	106.1	318.1

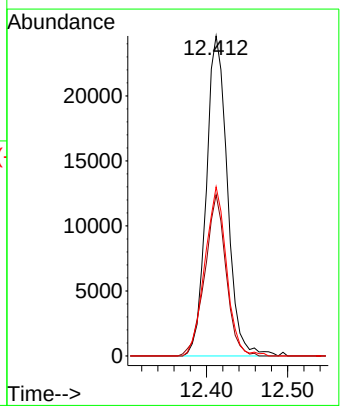


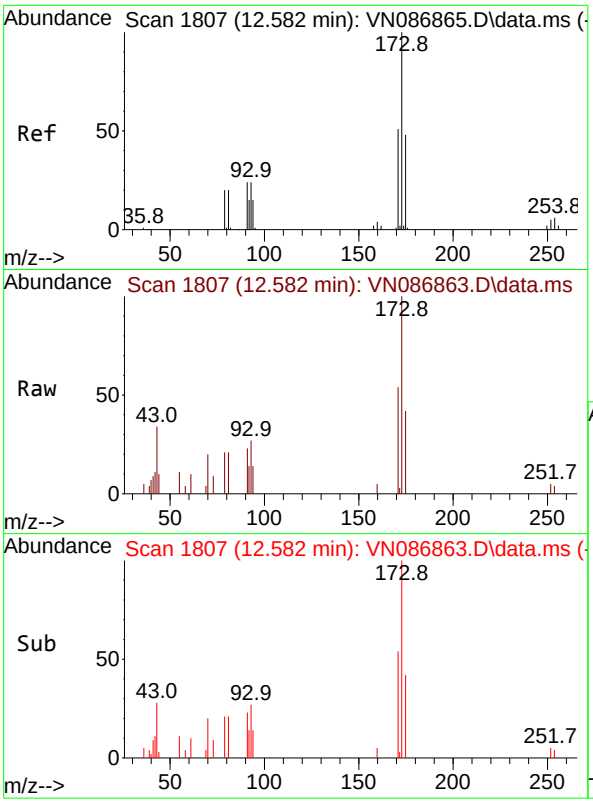


#70
Styrene
Concen: 5.008 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:104 Resp: 44380

Ion	Ratio	Lower	Upper
104	100		
78	50.4	38.5	57.7
103	54.4	43.1	64.7



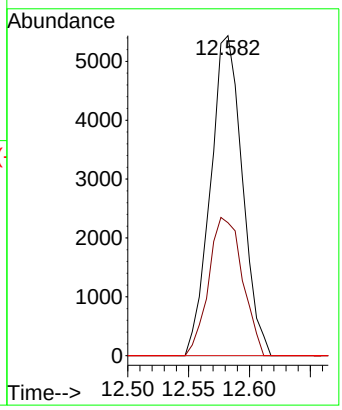


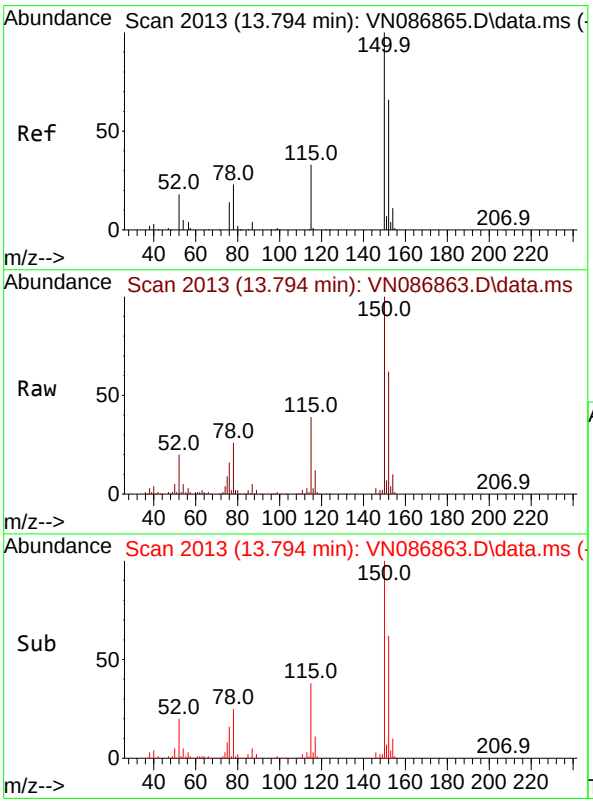
#71
Bromoform
Concen: 5.063 ug/l
RT: 12.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 9890

Ion	Ratio	Lower	Upper
173	100		
175	45.8	24.1	72.4
254	0.0	0.0	0.0

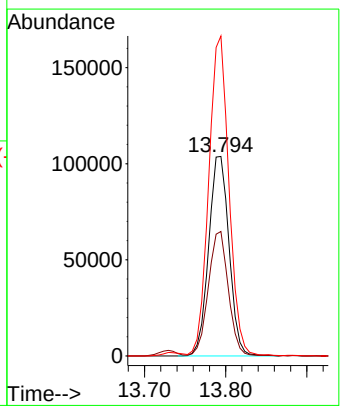


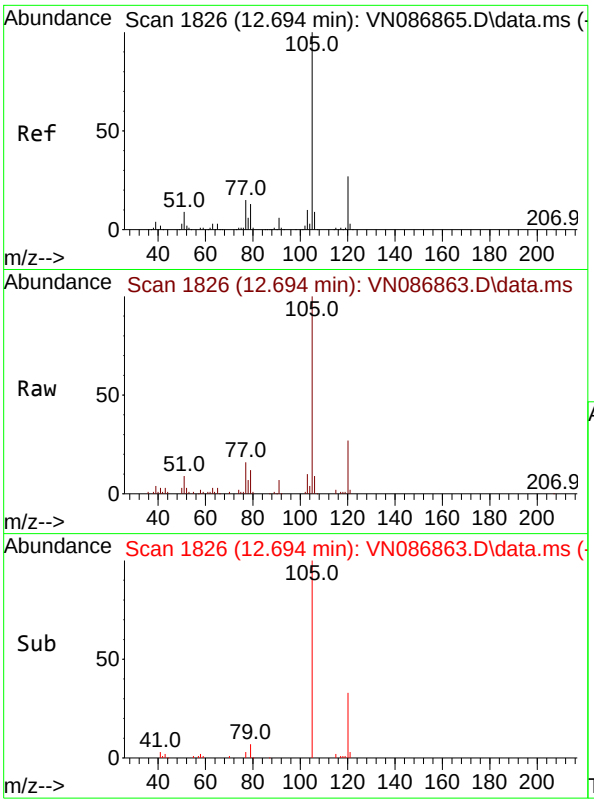


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:152 Resp: 181065

Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.1	90.5
150	157.8	0.0	345.0



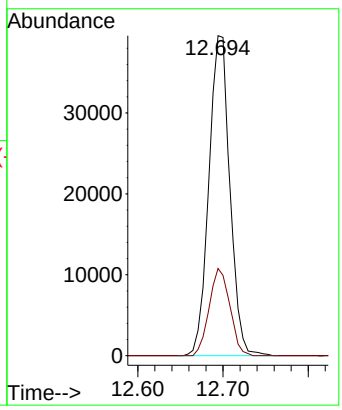


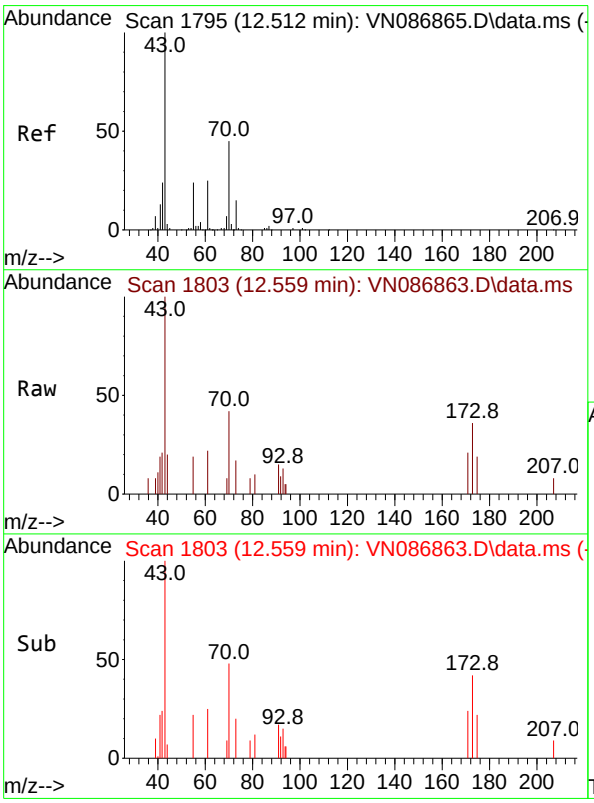
#73
Isopropylbenzene
Concen: 5.146 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 67878

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.4

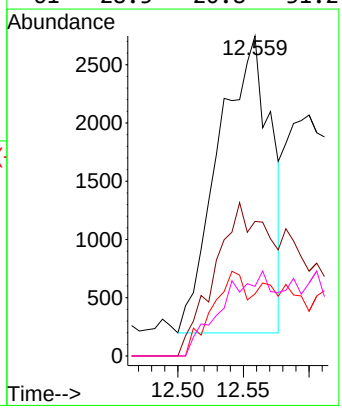


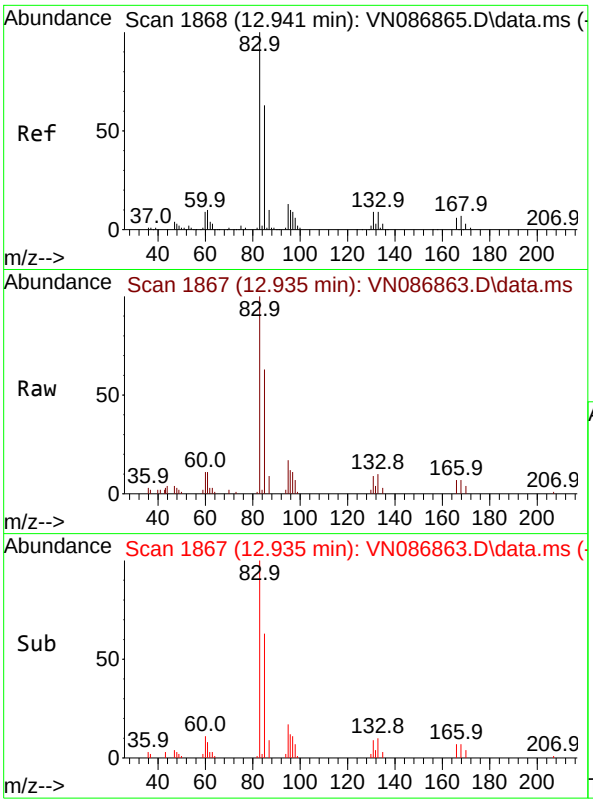


#74
N-amyl acetate
Concen: 1.611 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.047 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 43 Resp: 7051

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.6	56.4#
55	0.0	19.0	28.6#
61	28.5	20.8	31.2



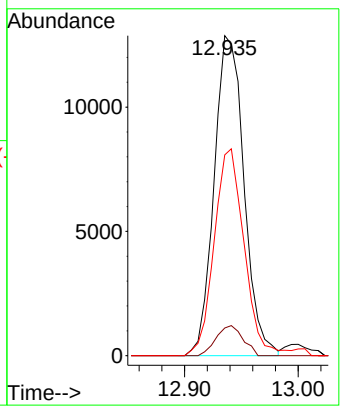


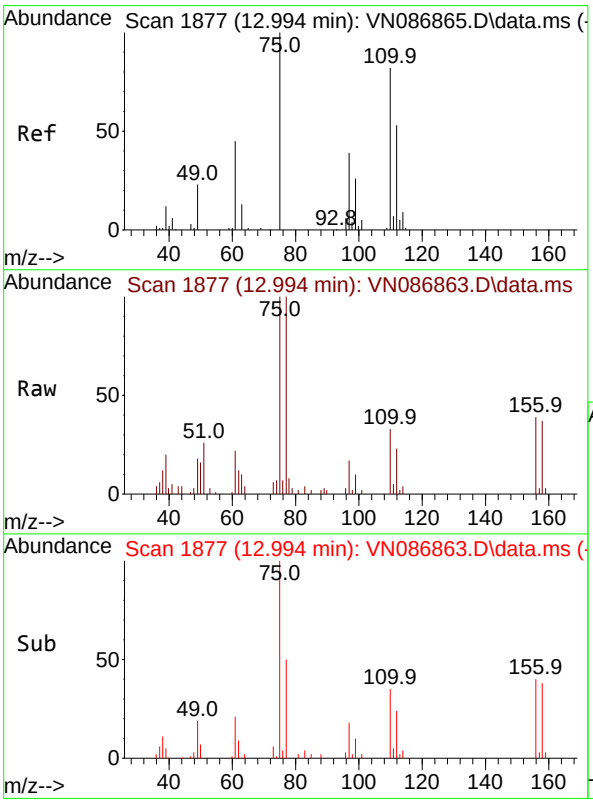
#75
1,1,2,2-Tetrachloroethane
Concen: 5.262 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 23516

Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.9	14.7
85	65.1	32.0	96.0

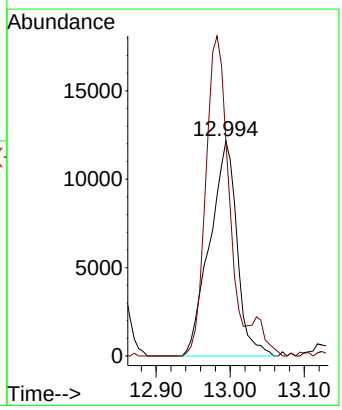


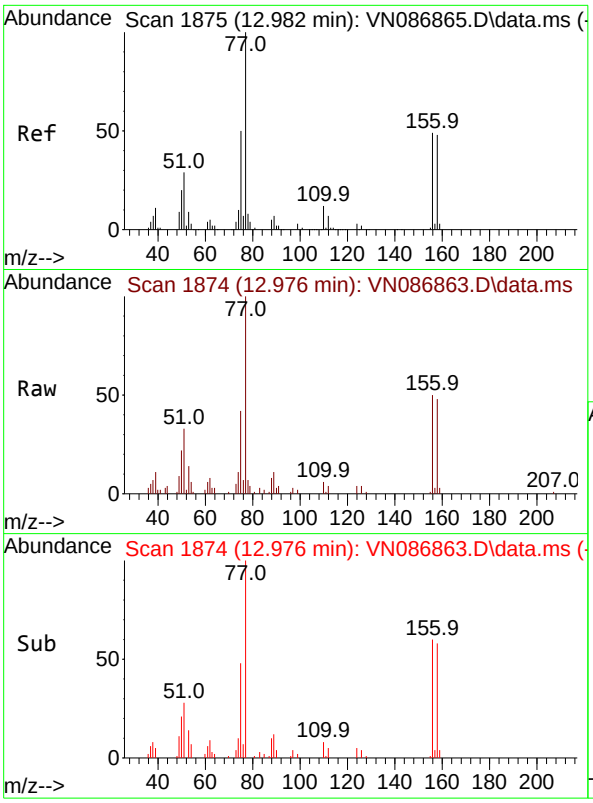


#76
1,2,3-Trichloropropane
Concen: 7.181 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 31004

Ion	Ratio	Lower	Upper
75	100		
77	124.8	79.3	237.9



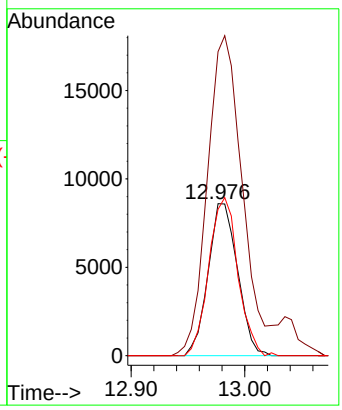


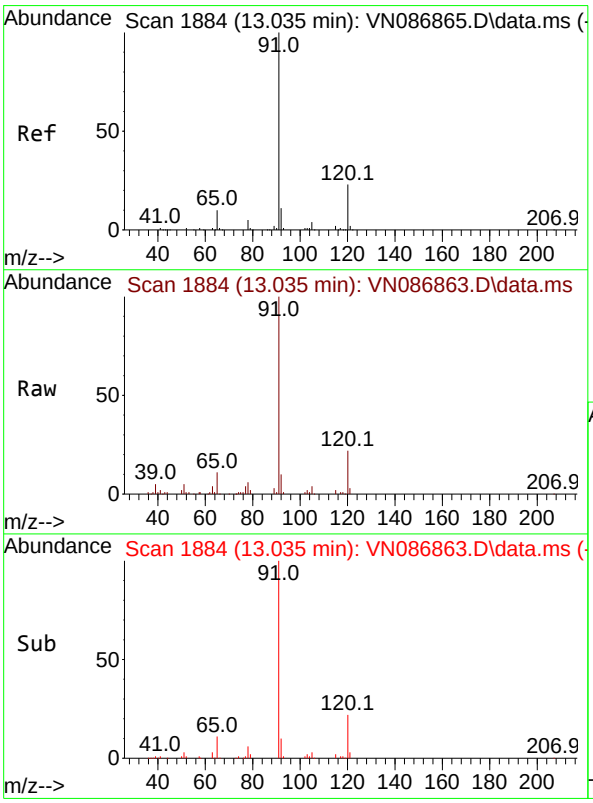
#77
Bromobenzene
Concen: 5.119 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 15485

Ion	Ratio	Lower	Upper
156	100		
77	249.9	117.7	353.1
158	102.9	48.1	144.4

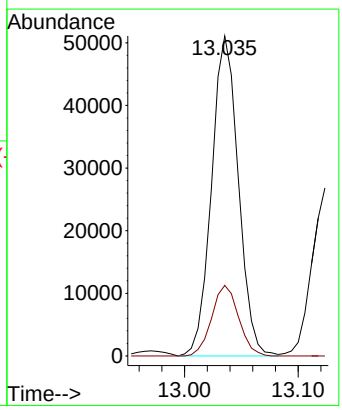


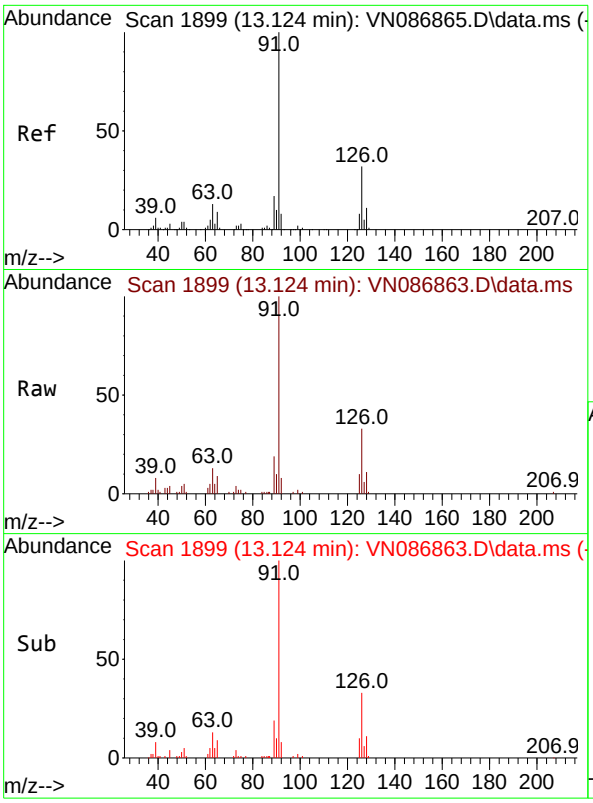


#78
n-propylbenzene
Concen: 5.226 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 91 Resp: 83781

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.4	34.2



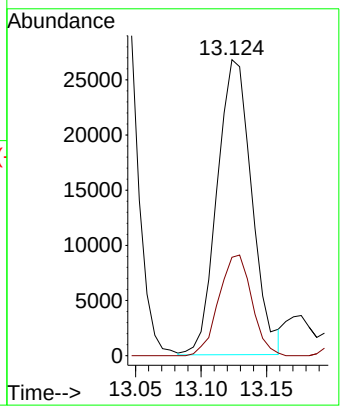


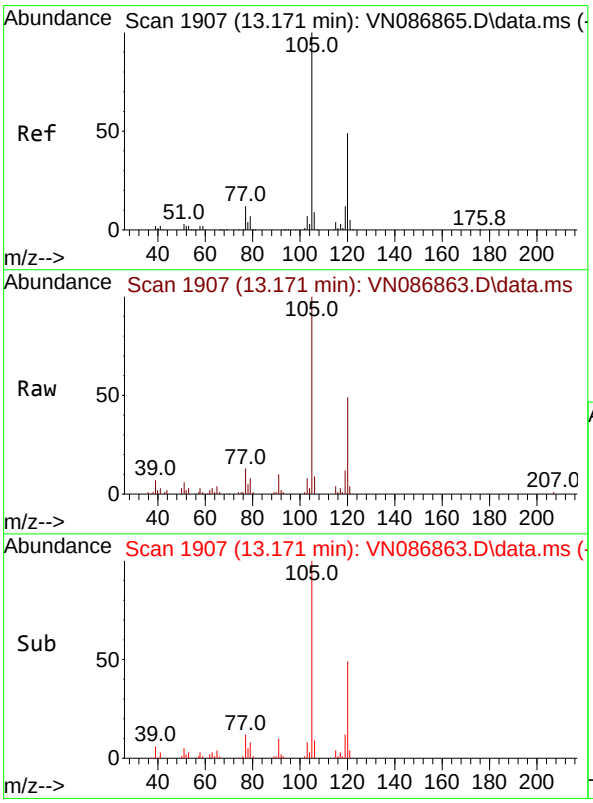
#79
2-Chlorotoluene
Concen: 5.128 ug/l
RT: 13.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 49297

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.5

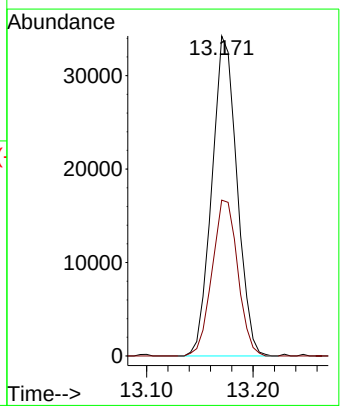


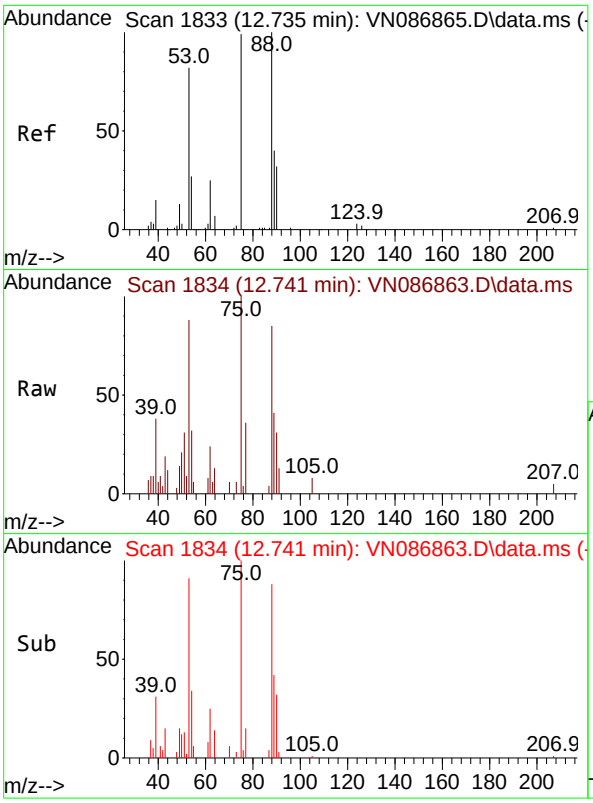


#80
1,3,5-Trimethylbenzene
Concen: 5.139 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:105 Resp: 55961

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.9	74.6



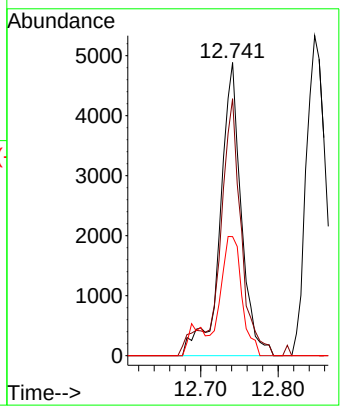


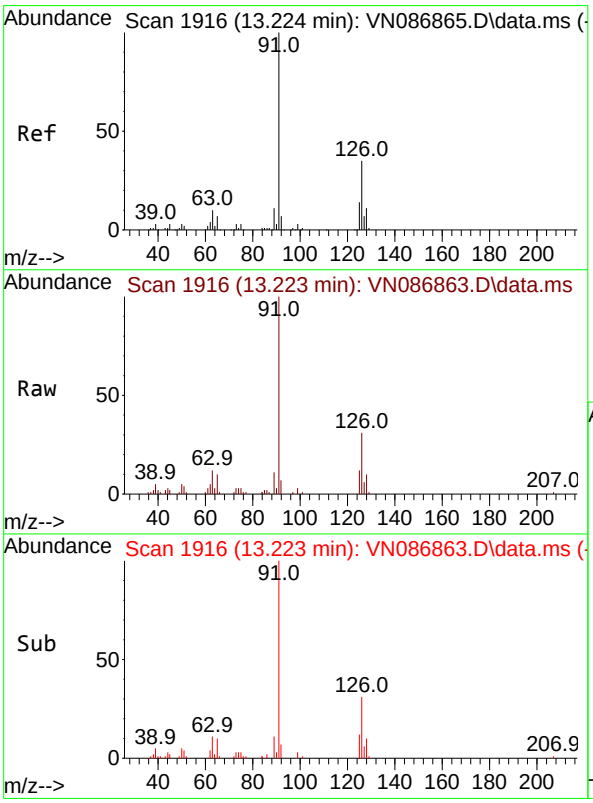
#81
trans-1,4-Dichloro-2-butene
Concen: 4.939 ug/l
RT: 12.741 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 9234

Ion	Ratio	Lower	Upper
75	100		
53	88.6	66.6	99.8
89	41.4	36.7	55.1

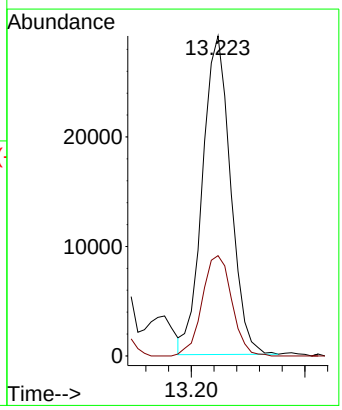


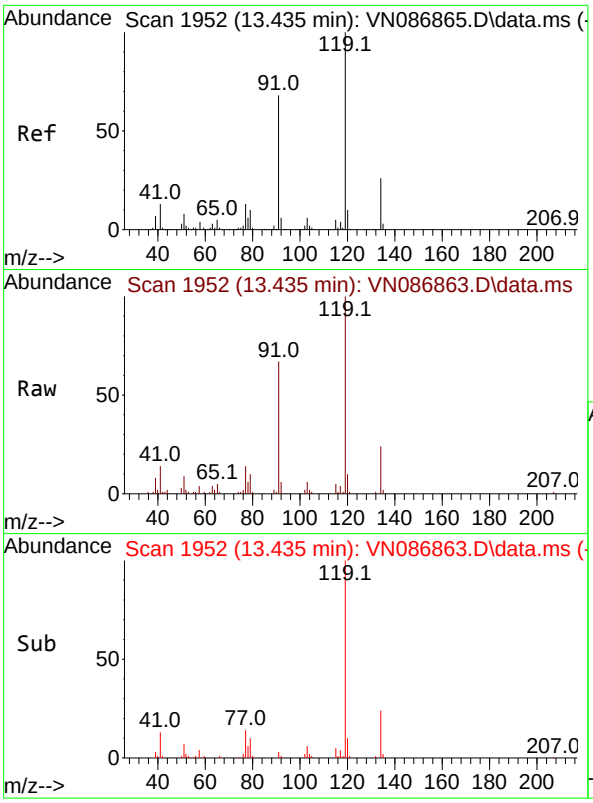


#82
4-Chlorotoluene
Concen: 5.132 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 91 Resp: 49924

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.7	50.1



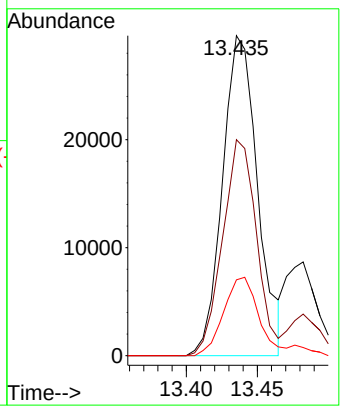


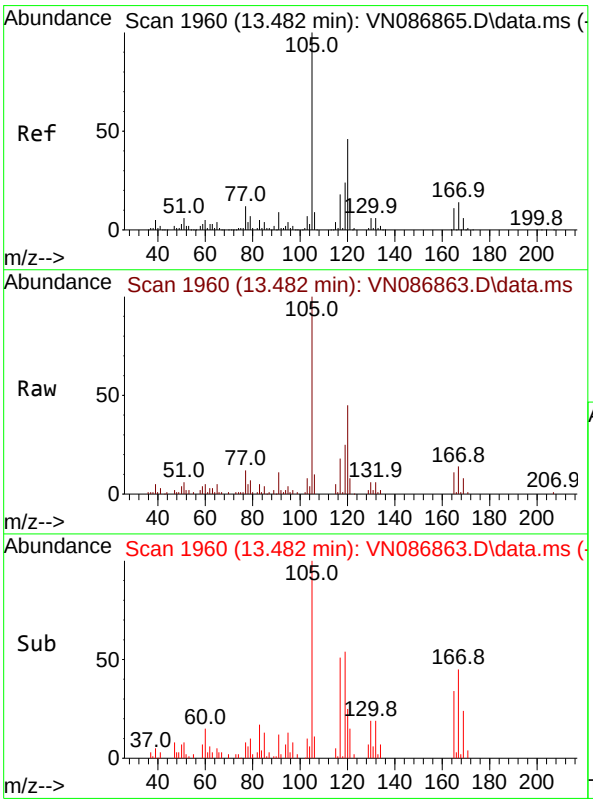
#83
tert-Butylbenzene
Concen: 5.103 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 50874

Ion	Ratio	Lower	Upper
119	100		
91	65.3	32.1	96.5
134	24.5	13.4	40.1

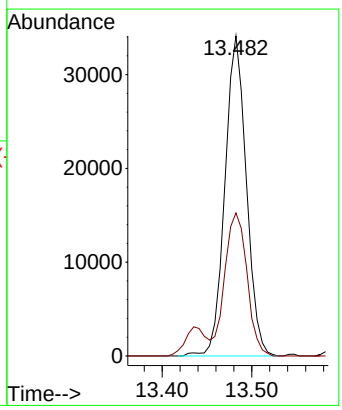


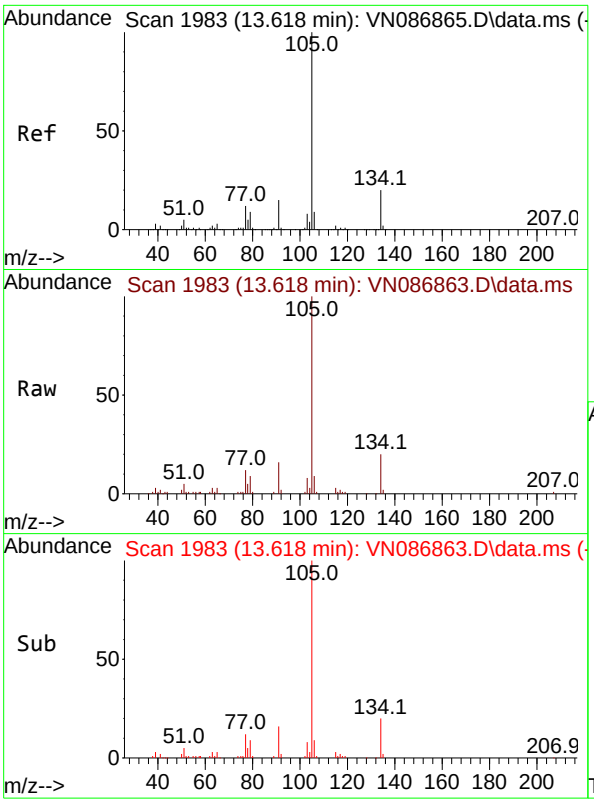


#84
1,2,4-Trimethylbenzene
Concen: 5.176 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:105 Resp: 56525

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.2	69.6



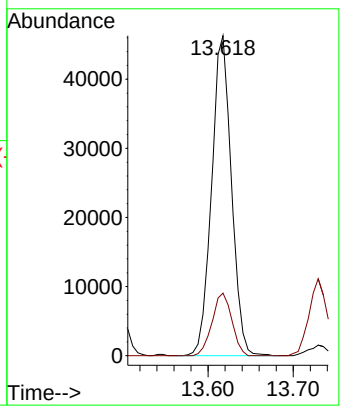


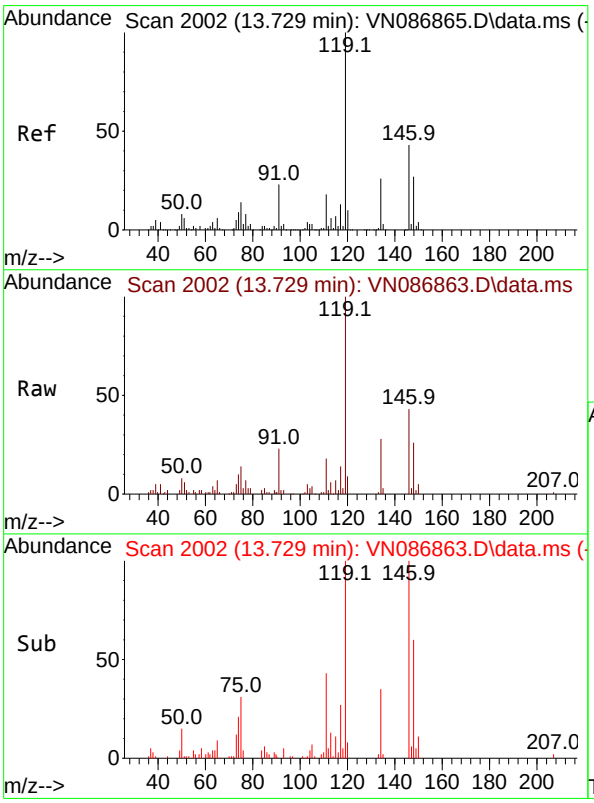
#85
sec-Butylbenzene
Concen: 5.161 ug/l
RT: 13.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 74711

Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.0	30.0

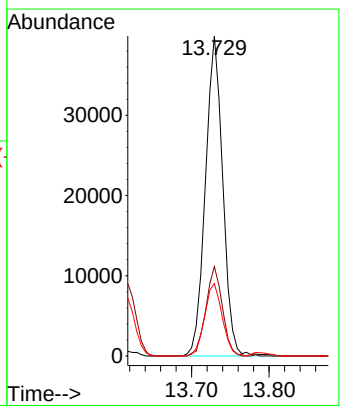


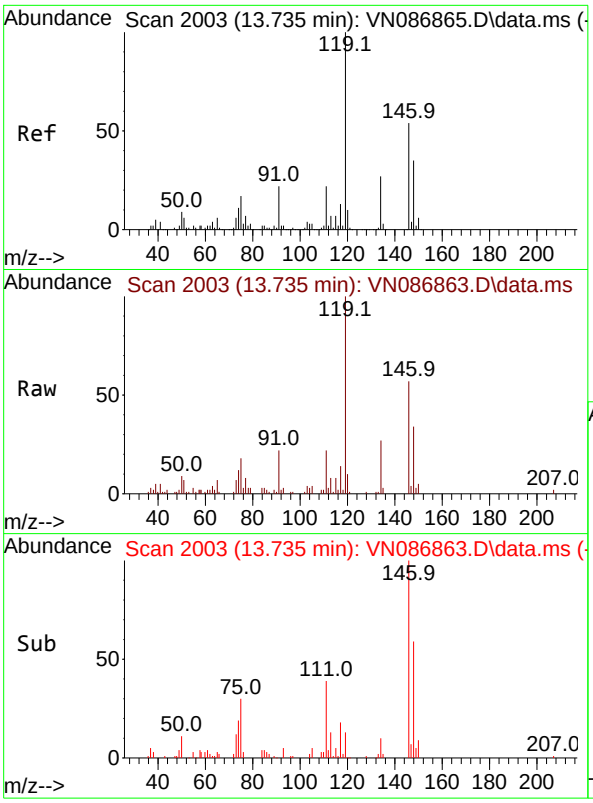


#86
p-Isopropyltoluene
Concen: 5.182 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:119 Resp: 62016

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.4
91	22.9	11.5	34.4



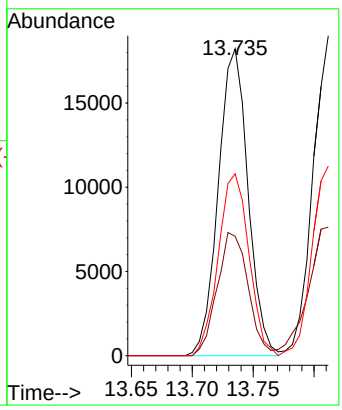


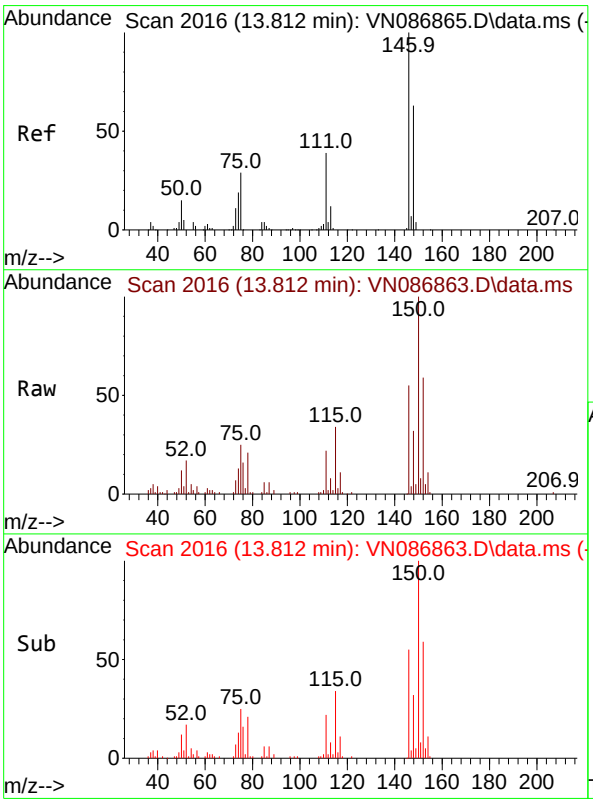
#87
1,3-Dichlorobenzene
Concen: 5.200 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 30949

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.8
148	61.1	32.0	96.2

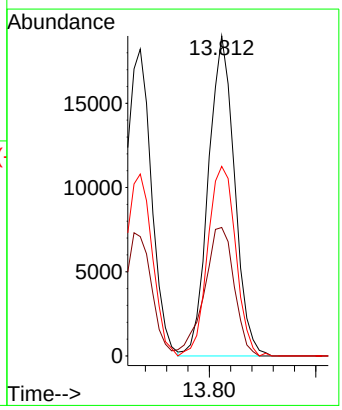


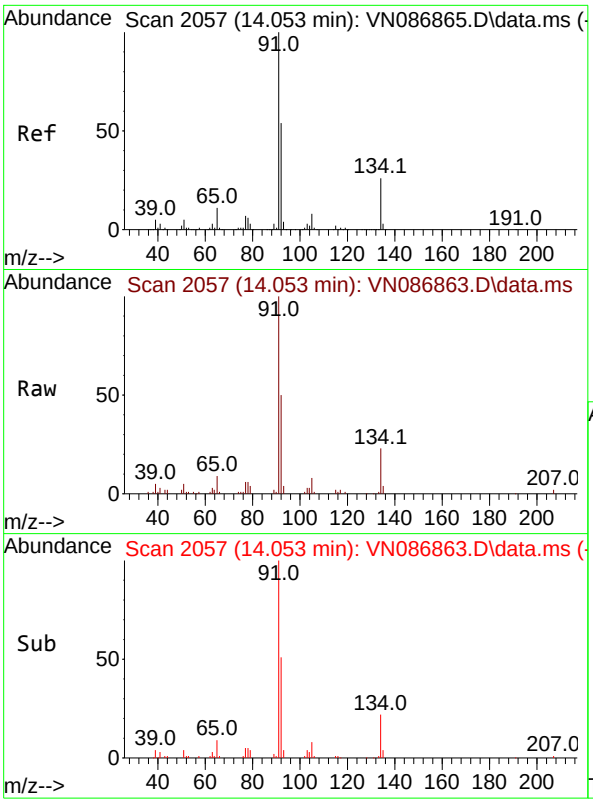


#88
1,4-Dichlorobenzene
Concen: 5.330 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:146 Resp: 32342

Ion	Ratio	Lower	Upper
146	100		
111	46.1	19.9	59.7
148	63.3	31.8	95.4



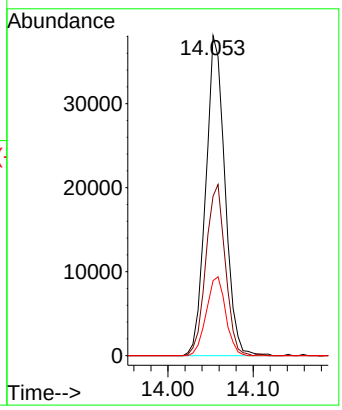


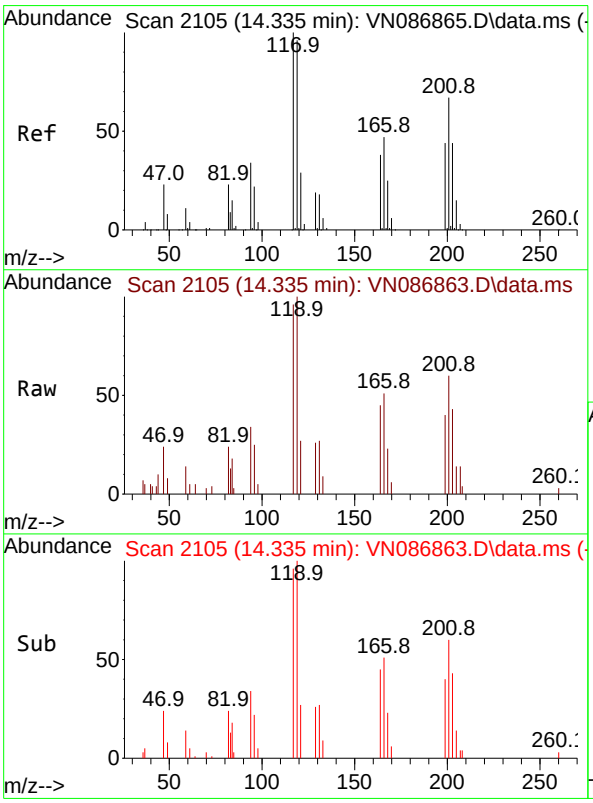
#89
n-Butylbenzene
Concen: 5.142 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 59601

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.5	82.4
134	24.9	13.0	39.0

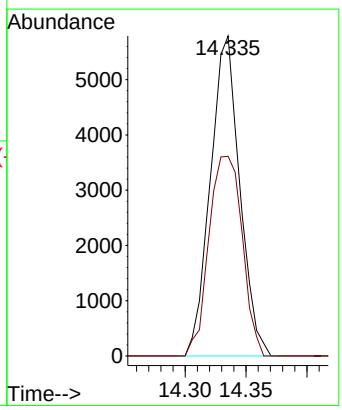


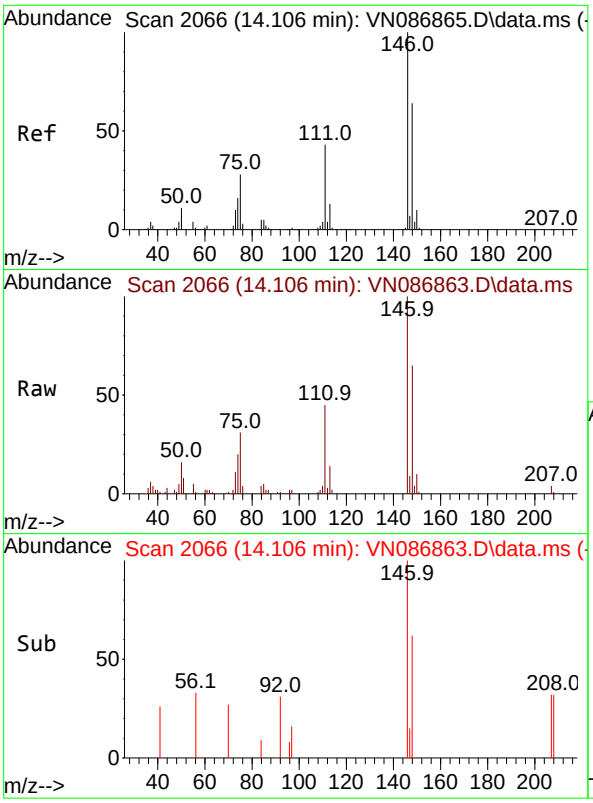


#90
Hexachloroethane
Concen: 4.794 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:117 Resp: 9725

Ion	Ratio	Lower	Upper
117	100		
201	70.6	33.2	99.6



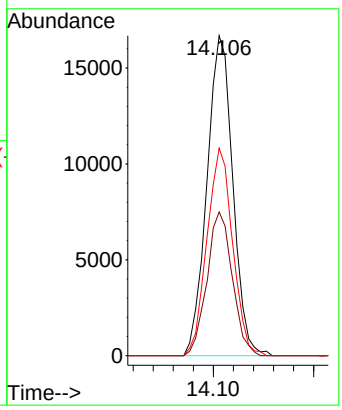


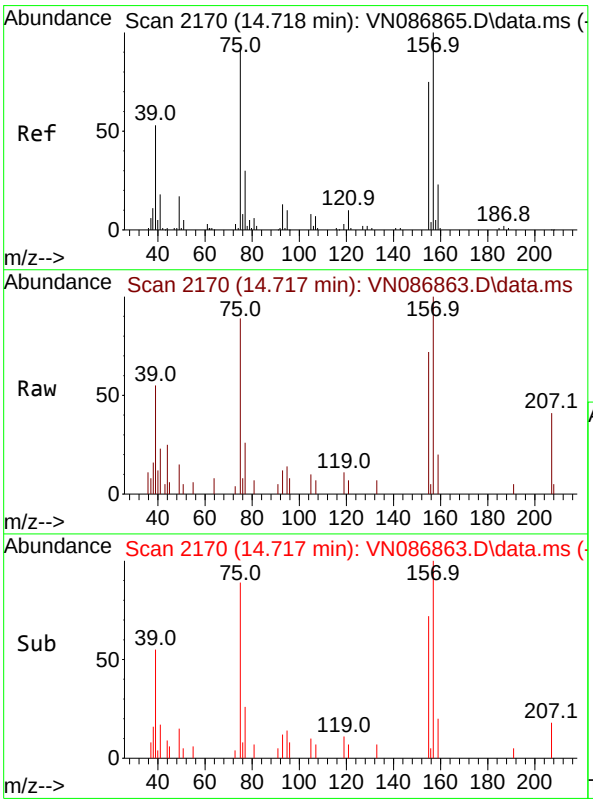
#91
1,2-Dichlorobenzene
Concen: 5.228 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 29897

Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.6	64.6
148	64.3	31.7	95.1

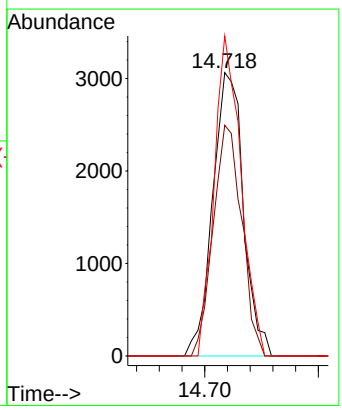


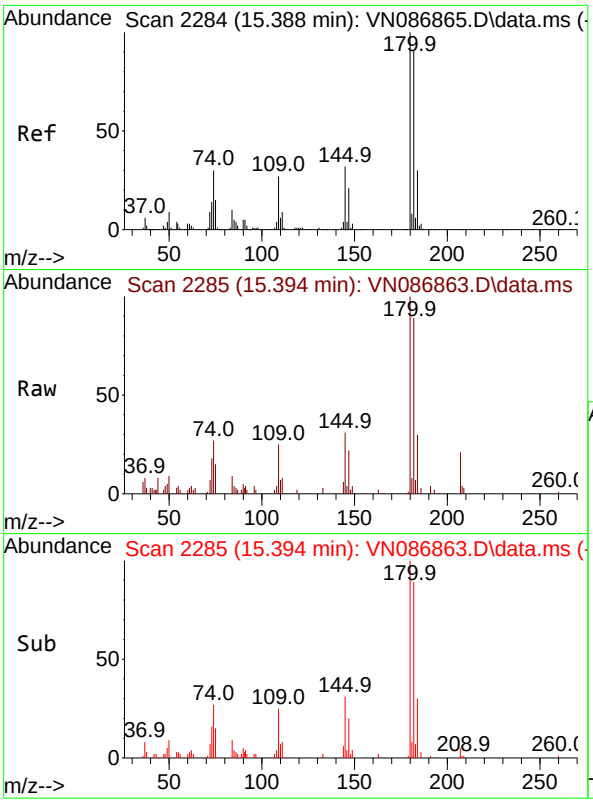


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.363 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion: 75 Resp: 5731

Ion	Ratio	Lower	Upper
75	100		
155	76.0	41.1	123.4
157	98.8	52.7	158.1



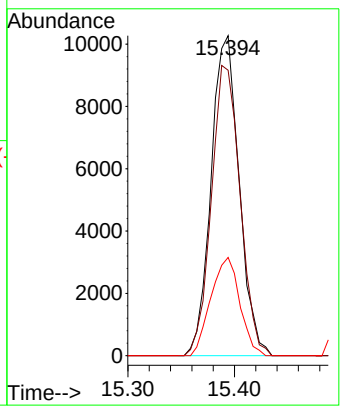


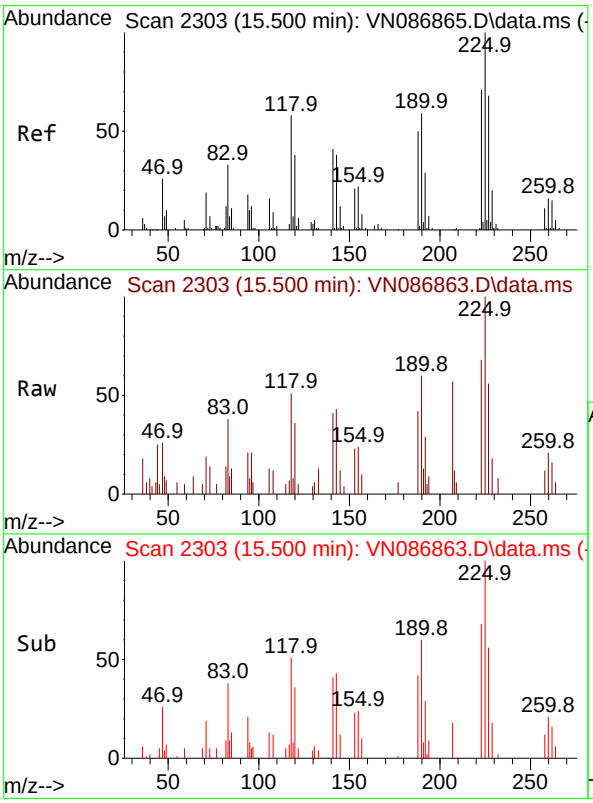
#93
1,2,4-Trichlorobenzene
Concen: 5.143 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 18778

Ion	Ratio	Lower	Upper
180	100		
182	92.6	46.9	140.7
145	31.7	16.0	47.9

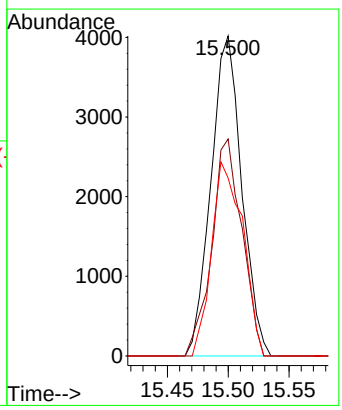


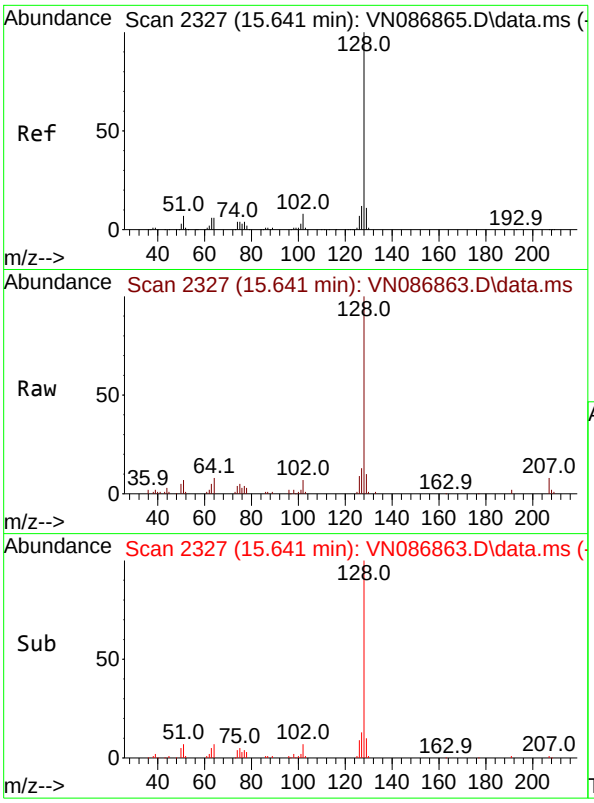


#94
Hexachlorobutadiene
Concen: 5.199 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:225 Resp: 7072

Ion	Ratio	Lower	Upper
225	100		
223	66.4	33.5	100.4
227	61.7	31.1	93.5



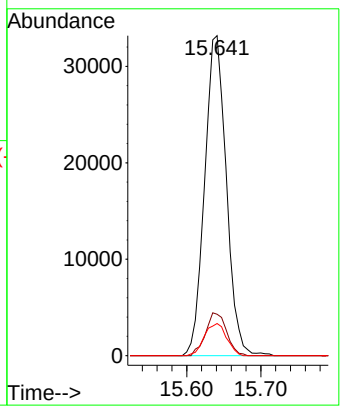


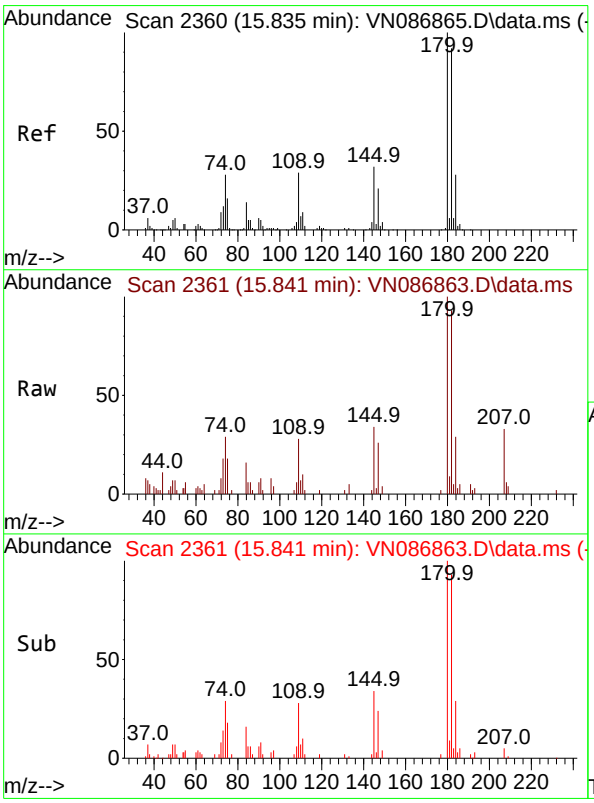
#95
Naphthalene
Concen: 4.965 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 67481

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.3	8.8	13.2

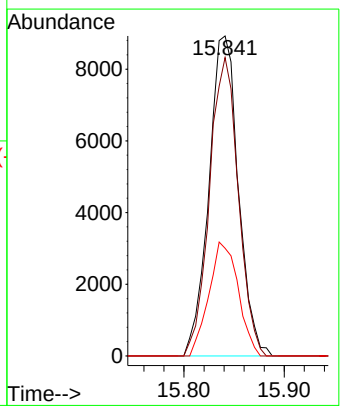




#96
1,2,3-Trichlorobenzene
Concen: 5.034 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086863.D
Acq: 06 Jun 2025 13:17

Tgt Ion:180 Resp: 18262

Ion	Ratio	Lower	Upper
180	100		
182	90.9	47.0	141.0
145	35.3	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	224006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	418154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	63390	21.136	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.280%#		
35) Dibromofluoromethane	8.177	113	51797	20.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.800%#		
50) Toluene-d8	10.571	98	201268	20.516	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.040%#		
62) 4-Bromofluorobenzene	12.853	95	74622	20.474	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	40.940%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.159	85	48254	21.605	ug/l	92
3) Chloromethane	2.401	50	57778	20.033	ug/l	93
4) Vinyl Chloride	2.559	62	61254	20.589	ug/l	99
5) Bromomethane	3.006	94	34022	20.435	ug/l	95
6) Chloroethane	3.159	64	39625	20.619	ug/l	99
7) Trichlorofluoromethane	3.524	101	80978	20.832	ug/l	94
8) Diethyl Ether	3.983	74	34288	20.245	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.395	101	50458	20.661	ug/l	98
10) Methyl Iodide	4.612	142	65360	20.646	ug/l	98
11) Tert butyl alcohol	5.547	59	87102	107.031	ug/l	99
12) 1,1-Dichloroethene	4.359	96	50485	20.249	ug/l	96
13) Acrolein	4.200	56	22866	88.767	ug/l	97
14) Allyl chloride	5.047	41	82924	20.055	ug/l	98
15) Acrylonitrile	5.742	53	199498	104.881	ug/l	99
16) Acetone	4.447	43	163979	103.099	ug/l	98
17) Carbon Disulfide	4.736	76	138195	20.038	ug/l	97
18) Methyl Acetate	5.047	43	96547	20.830	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	183780	20.358	ug/l	98
20) Methylene Chloride	5.294	84	57611	19.348	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	55643	20.059	ug/l	94
22) Diisopropyl ether	6.689	45	182472	20.935	ug/l	98
23) Vinyl Acetate	6.624	43	768556	104.365	ug/l	99
24) 1,1-Dichloroethane	6.583	63	103578	20.650	ug/l	99
25) 2-Butanone	7.494	43	270477	104.621	ug/l	100
26) 2,2-Dichloropropane	7.506	77	69692	17.862	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	68292	20.585	ug/l	98
28) Bromochloromethane	7.824	49	55196	22.381	ug/l	99
29) Tetrahydrofuran	7.853	42	178571	106.031	ug/l	99
30) Chloroform	7.977	83	102615	20.485	ug/l	93
31) Cyclohexane	8.271	56	100026	20.563	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	86810	20.376	ug/l	98
36) 1,1-Dichloropropene	8.383	75	73252	19.838	ug/l	100
37) Ethyl Acetate	7.571	43	96467	20.522	ug/l	98
38) Carbon Tetrachloride	8.377	117	72628	20.034	ug/l	97
39) Methylcyclohexane	9.606	83	98425	19.455	ug/l	99
40) Benzene	8.612	78	241444	19.996	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	53244	20.169	ug/l		98
42) 1,2-Dichloroethane	8.677	62	74238	20.270	ug/l		100
43) Isopropyl Acetate	8.694	43	151601	20.094	ug/l		99
44) Trichloroethene	9.359	130	57110	19.946	ug/l		96
45) 1,2-Dichloropropane	9.630	63	59293	20.184	ug/l		97
46) Dibromomethane	9.712	93	40290	20.648	ug/l		98
47) Bromodichloromethane	9.894	83	80353	20.015	ug/l		98
48) Methyl methacrylate	9.682	41	70457	20.290	ug/l		97
49) 1,4-Dioxane	9.706	88	28231	446.886	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.447	43	481741	106.066	ug/l		99
52) Toluene	10.635	92	148000	20.056	ug/l		98
53) t-1,3-Dichloropropene	10.841	75	87683	19.532	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	94315	19.636	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	57195	20.143	ug/l		99
56) Ethyl methacrylate	10.882	69	94829	20.968	ug/l		98
57) 1,3-Dichloropropane	11.165	76	98205	19.938	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	278986	103.426	ug/l		99
59) 2-Hexanone	11.206	43	303686	103.803	ug/l		95
60) Dibromochloromethane	11.359	129	59961	20.268	ug/l		99
61) 1,2-Dibromoethane	11.471	107	59139	20.320	ug/l		97
64) Tetrachloroethene	11.106	164	45374	19.742	ug/l		96
65) Chlorobenzene	11.894	112	160803	20.076	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	52069	20.223	ug/l		99
67) Ethyl Benzene	11.965	91	277087	20.083	ug/l		98
68) m/p-Xylenes	12.071	106	215378	40.780	ug/l		100
69) o-Xylene	12.400	106	102050	20.175	ug/l		98
70) Styrene	12.412	104	178061	20.572	ug/l		99
71) Bromoform	12.576	173	40070	21.004	ug/l	#	99
73) Isopropylbenzene	12.694	105	264442	20.035	ug/l		100
74) N-amyl acetate	12.523	43	86003	19.633	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.941	83	92264	20.634	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	122897	28.448	ug/l		69
77) Bromobenzene	12.982	156	60877	20.111	ug/l		98
78) n-propylbenzene	13.035	91	322436	20.102	ug/l		100
79) 2-Chlorotoluene	13.123	91	193774	20.144	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	219937	20.183	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	37808	20.209	ug/l		92
82) 4-Chlorotoluene	13.223	91	193544	19.885	ug/l		99
83) tert-Butylbenzene	13.435	119	198303	19.880	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	221990	20.315	ug/l		100
85) sec-Butylbenzene	13.617	105	292563	20.196	ug/l		100
86) p-Isopropyltoluene	13.729	119	240682	20.099	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	120099	20.166	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	120102	19.780	ug/l		97
89) n-Butylbenzene	14.053	91	227536	19.617	ug/l		100
90) Hexachloroethane	14.335	117	41202	20.299	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	115645	20.212	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21025	19.661	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	71826	19.659	ug/l		98
94) Hexachlorobutadiene	15.500	225	27887	20.486	ug/l		97
95) Naphthalene	15.641	128	272584	20.043	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	71929	19.815	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

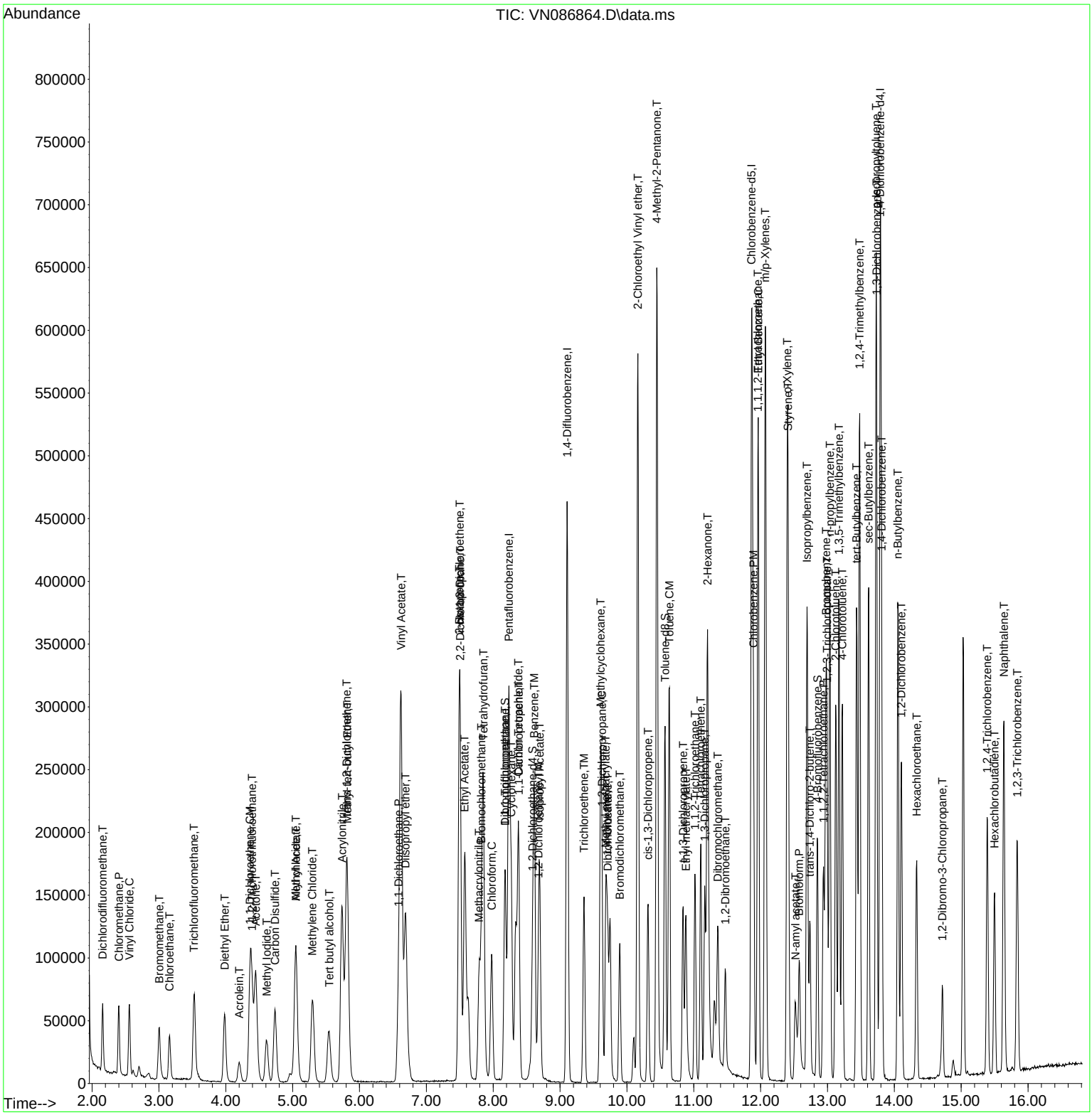
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

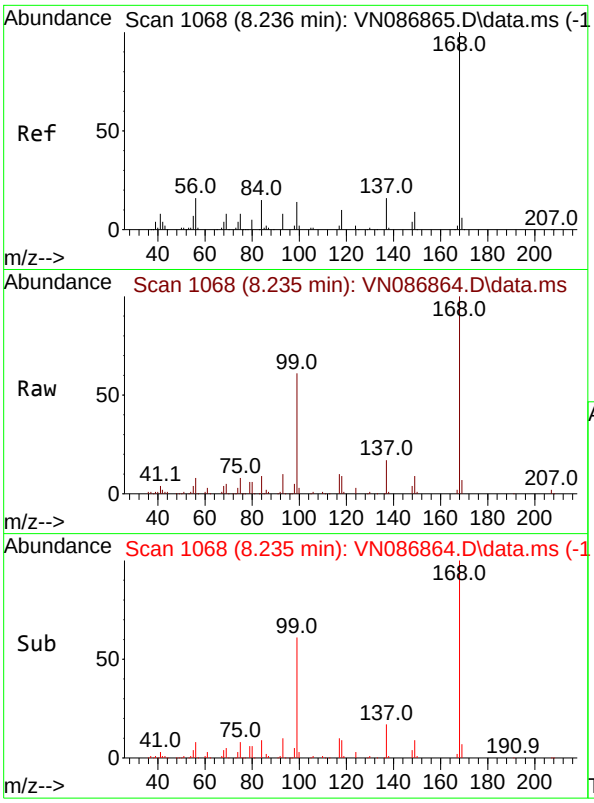
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086864.D
Acq On : 06 Jun 2025 13:40
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Quant Time: Jun 07 01:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration



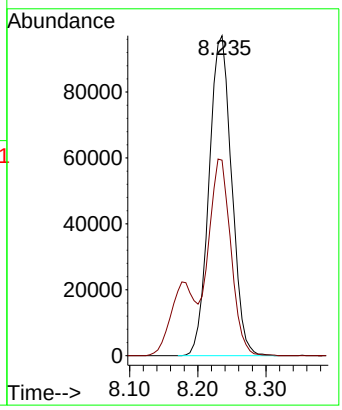


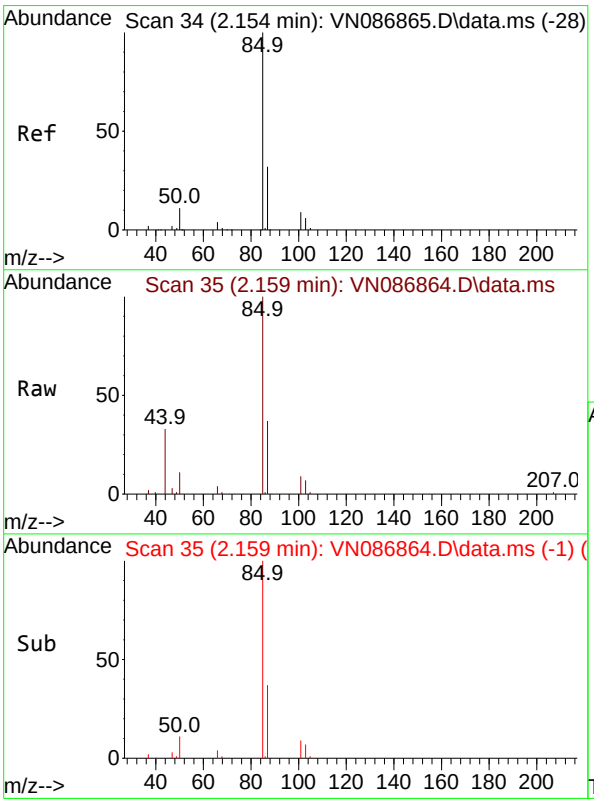
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 224006

Ion	Ratio	Lower	Upper
168	100		
99	61.1	49.1	73.7

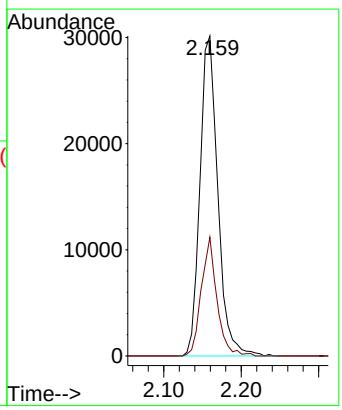


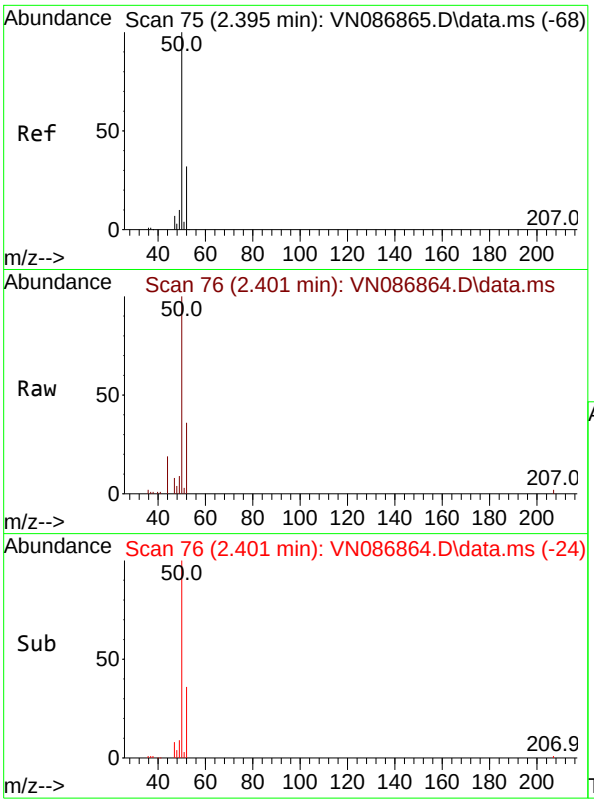


#2
Dichlorodifluoromethane
Concen: 21.605 ug/l
RT: 2.159 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 85 Resp: 48254

Ion	Ratio	Lower	Upper
85	100		
87	37.1	16.2	48.6



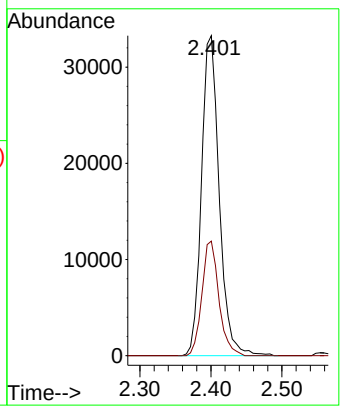


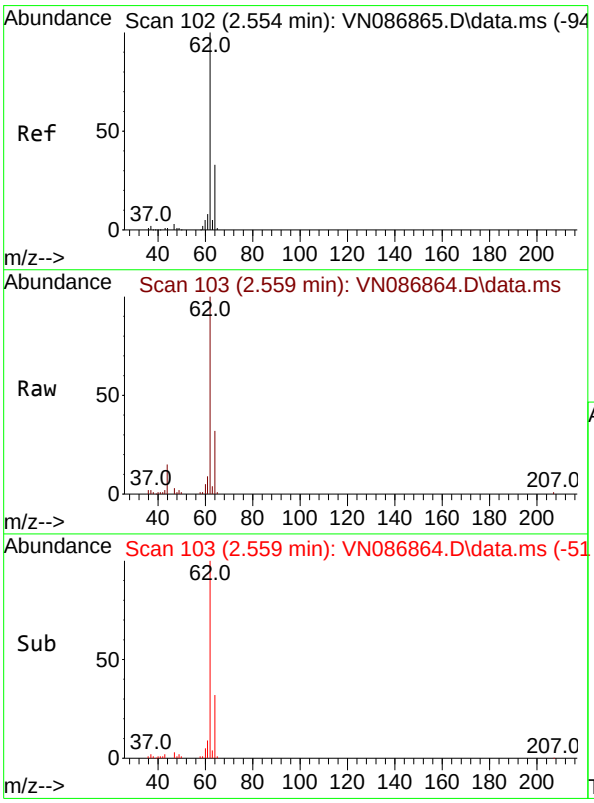
#3
Chloromethane
Concen: 20.033 ug/l
RT: 2.401 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 57778

Ion	Ratio	Lower	Upper
50	100		
52	35.8	25.7	38.5

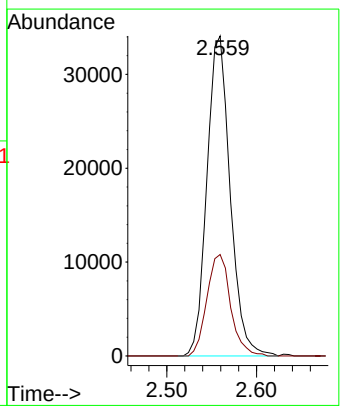


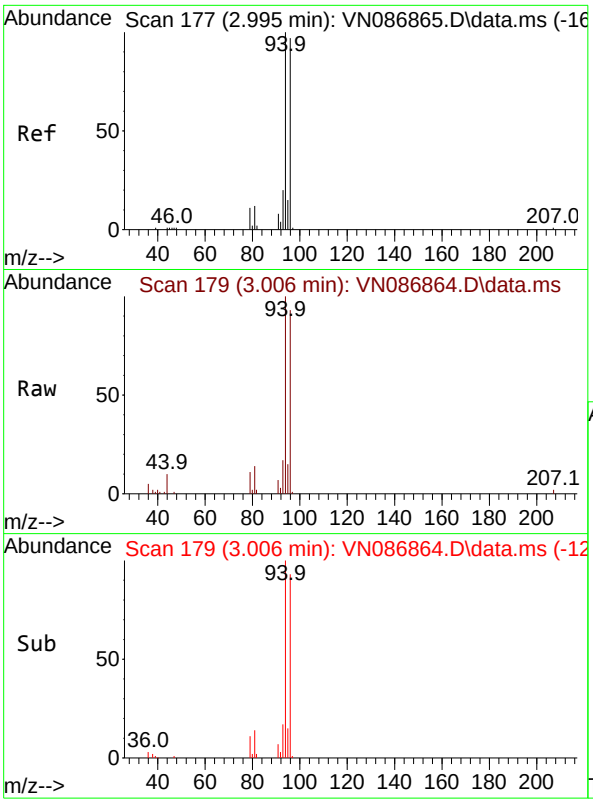


#4
Vinyl Chloride
Concen: 20.589 ug/l
RT: 2.559 min Scan# 103
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 62 Resp: 61254

Ion	Ratio	Lower	Upper
62	100		
64	31.7	26.0	39.0



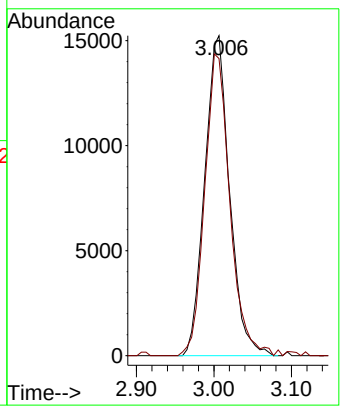


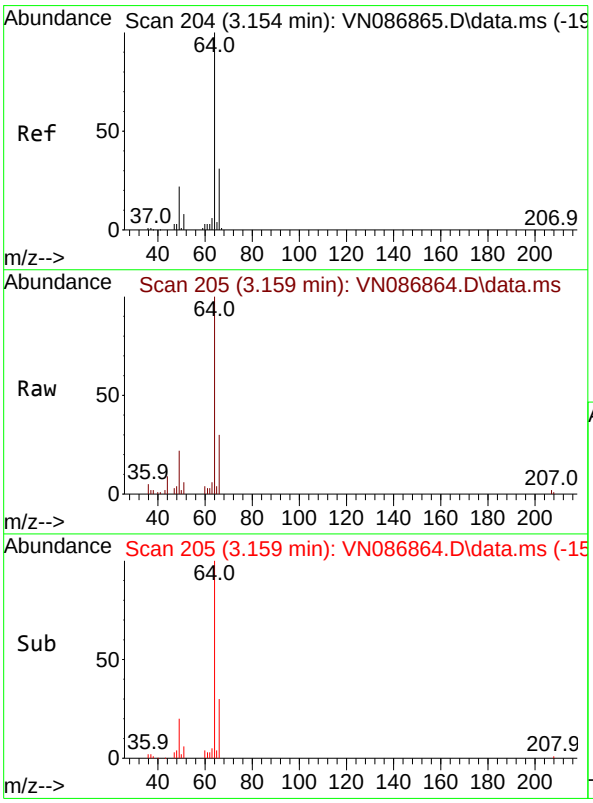
#5
Bromomethane
Concen: 20.435 ug/l
RT: 3.006 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 34022

Ion	Ratio	Lower	Upper
94	100		
96	92.9	77.9	116.9

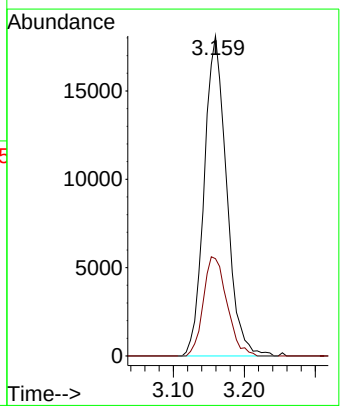


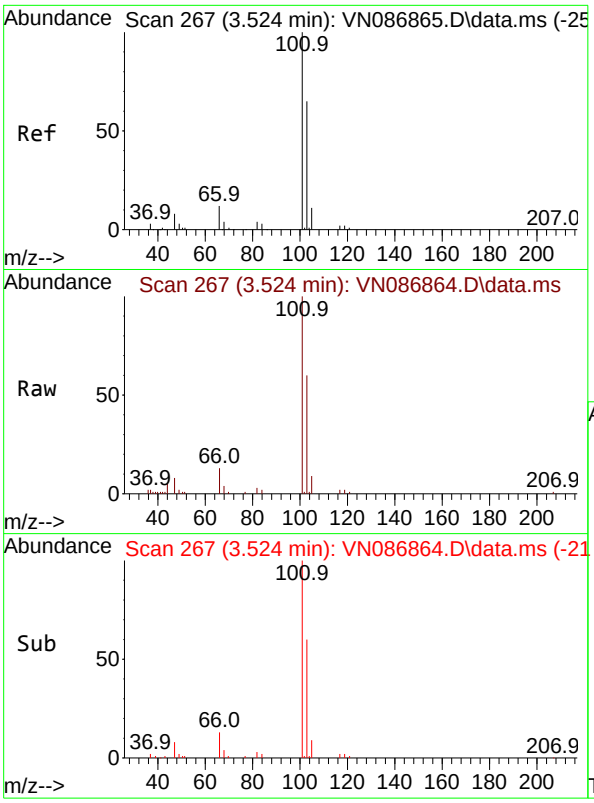


#6
Chloroethane
Concen: 20.619 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 64 Resp: 39625

Ion	Ratio	Lower	Upper
64	100		
66	30.4	24.6	36.8



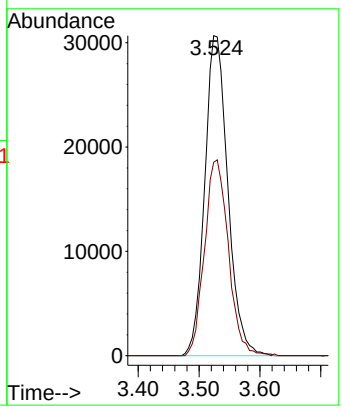


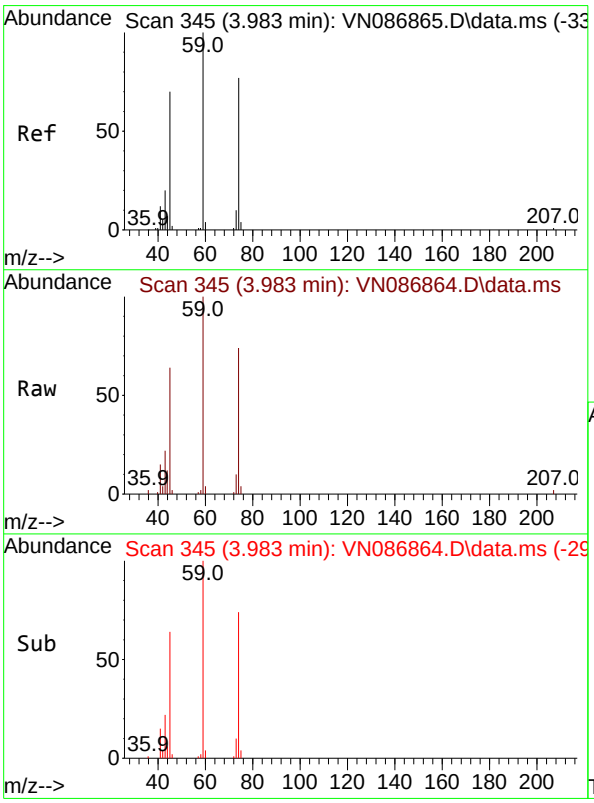
#7
Trichlorofluoromethane
Concen: 20.832 ug/l
RT: 3.524 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 80978

Ion	Ratio	Lower	Upper
101	100		
103	60.4	52.2	78.2

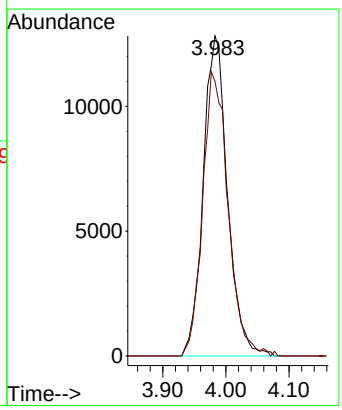


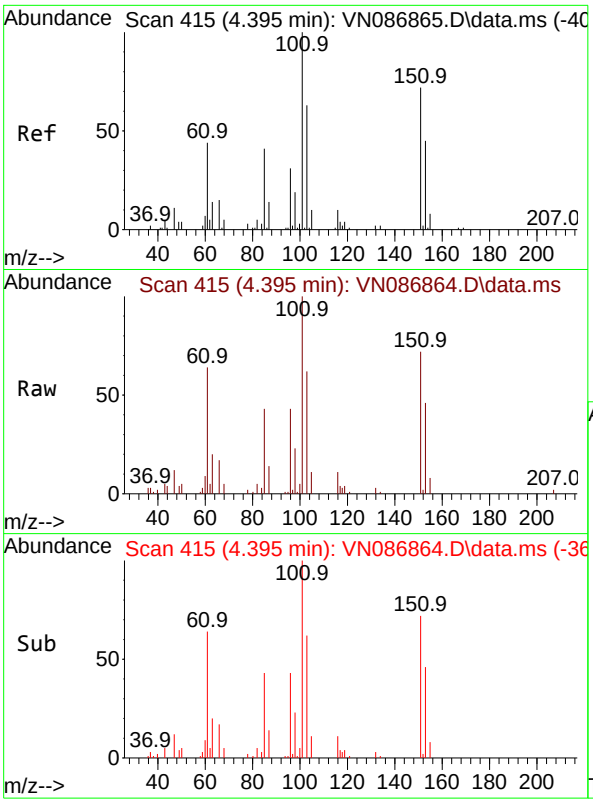


#8
Diethyl Ether
Concen: 20.245 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 74 Resp: 34288

Ion	Ratio	Lower	Upper
74	100		
45	92.9	45.5	136.5



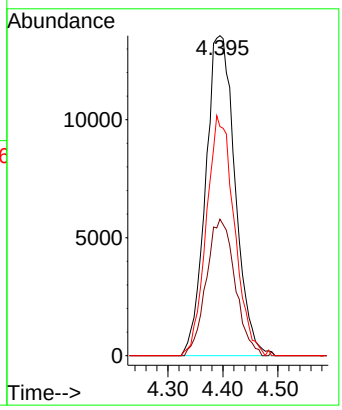


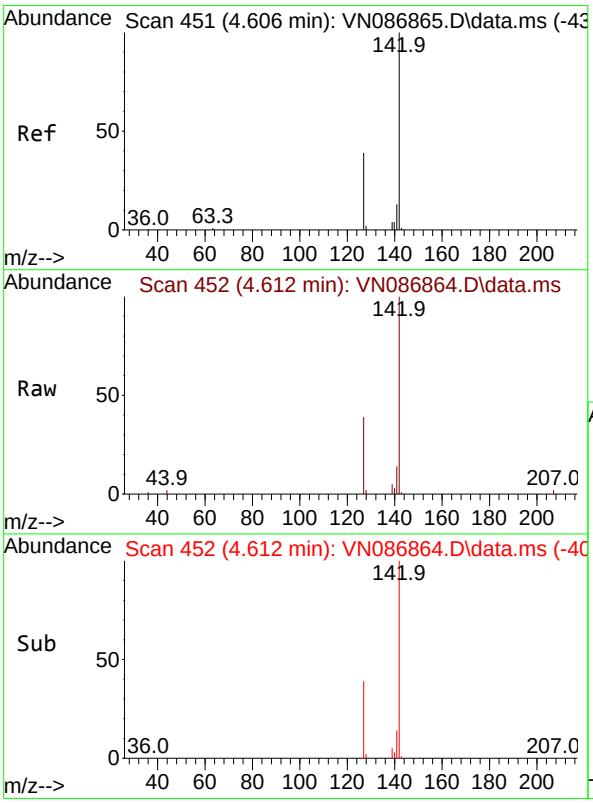
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.661 ug/l
RT: 4.395 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 50458

Ion	Ratio	Lower	Upper
101	100		
85	41.7	33.8	50.8
151	71.3	58.7	88.1

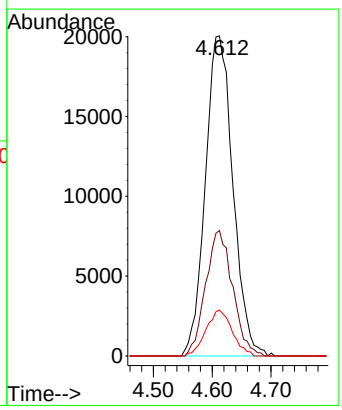


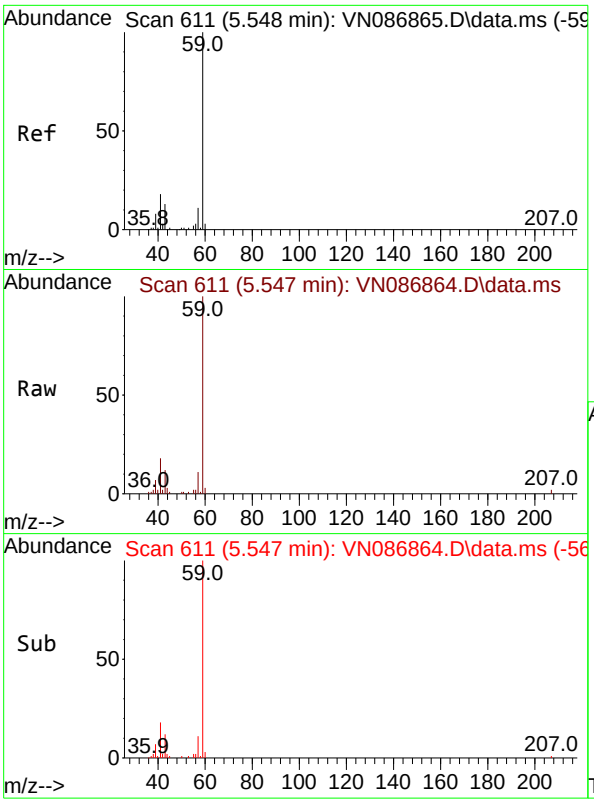


#10
Methyl Iodide
Concen: 20.646 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:142 Resp: 65360

Ion	Ratio	Lower	Upper
142	100		
127	39.2	30.9	46.3
141	14.3	10.4	15.6



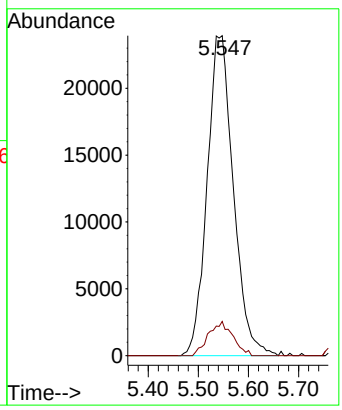


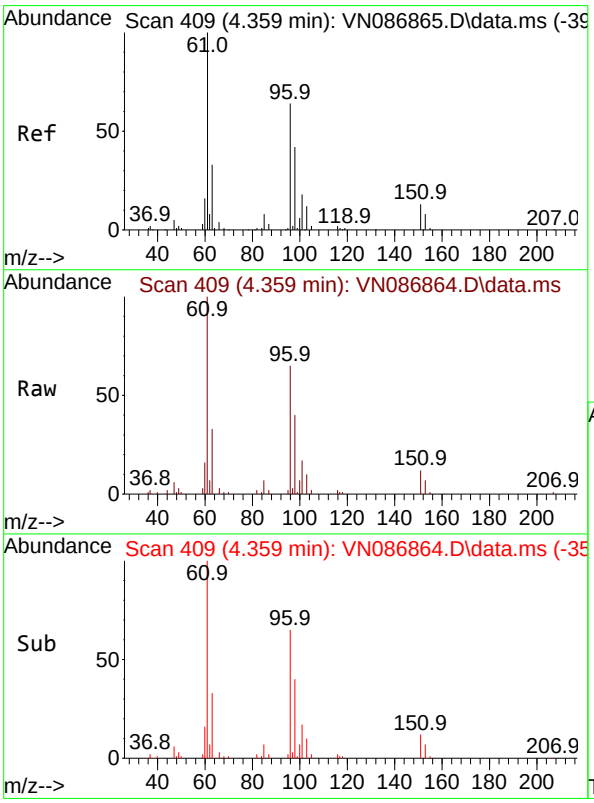
#11
Tert butyl alcohol
Concen: 107.031 ug/l
RT: 5.547 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 87102

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

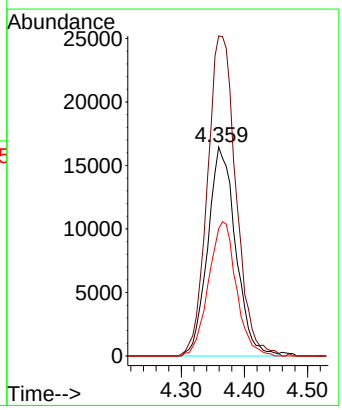


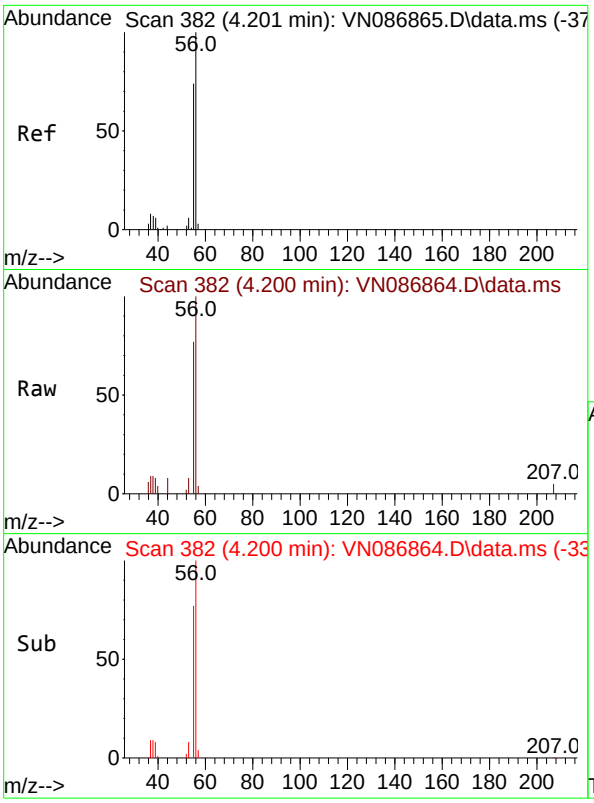


#12
1,1-Dichloroethene
Concen: 20.249 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 96 Resp: 50485

Ion	Ratio	Lower	Upper
96	100		
61	153.1	125.8	188.6
98	61.0	52.5	78.7



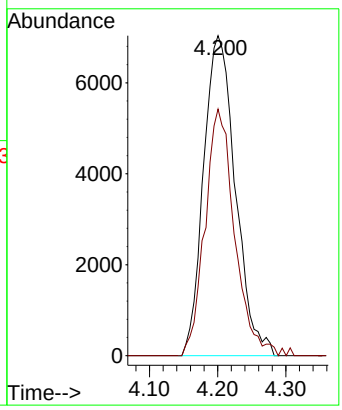


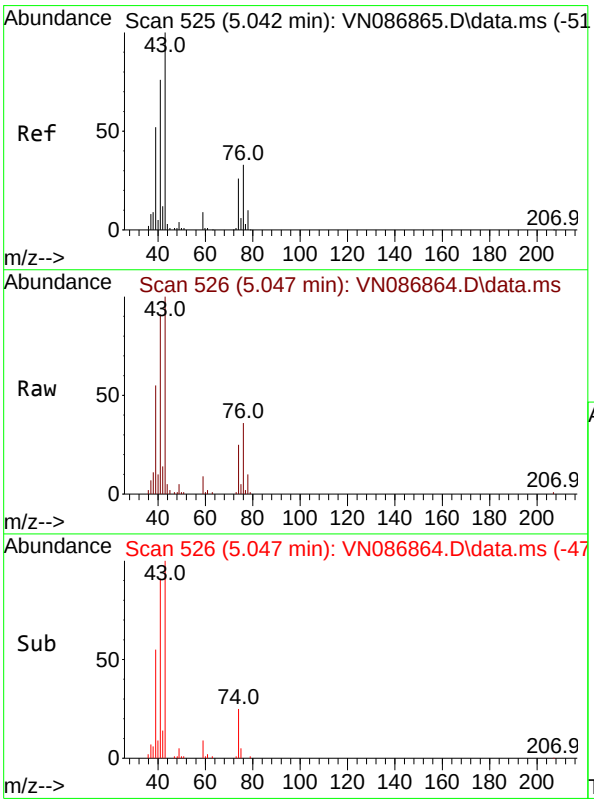
#13
Acrolein
Concen: 88.767 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 22866

Ion	Ratio	Lower	Upper
56	100		
55	71.6	55.6	83.4

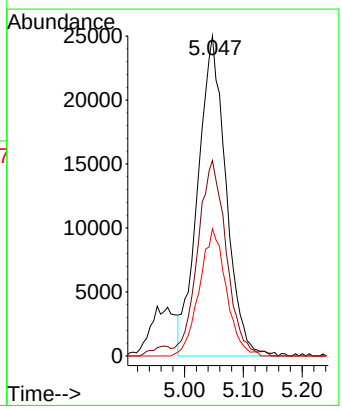


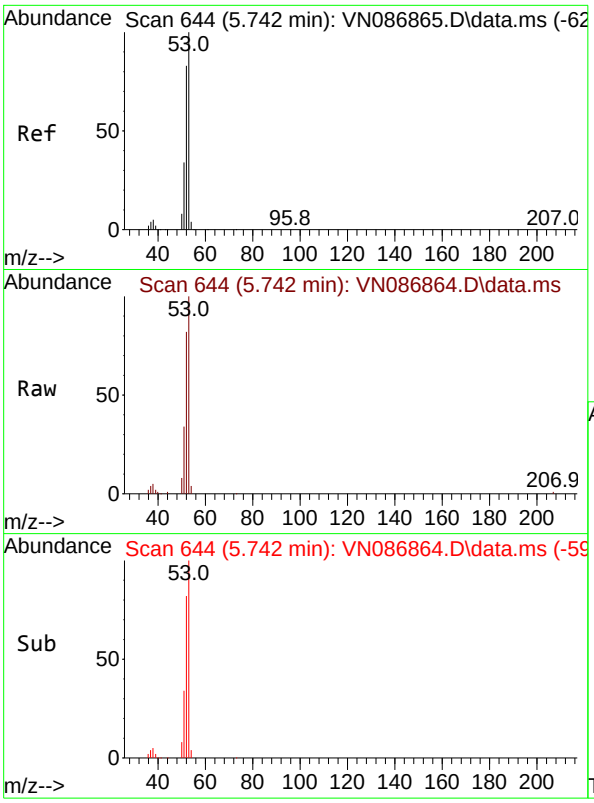


#14
Allyl chloride
Concen: 20.055 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 41 Resp: 82924

Ion	Ratio	Lower	Upper
41	100		
39	62.6	51.3	76.9
76	38.1	31.4	47.0



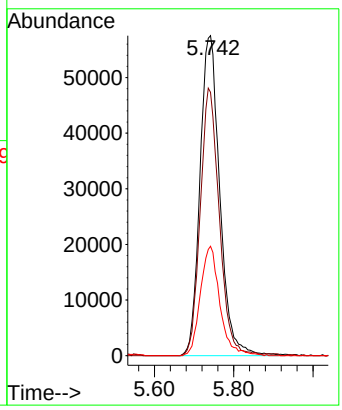


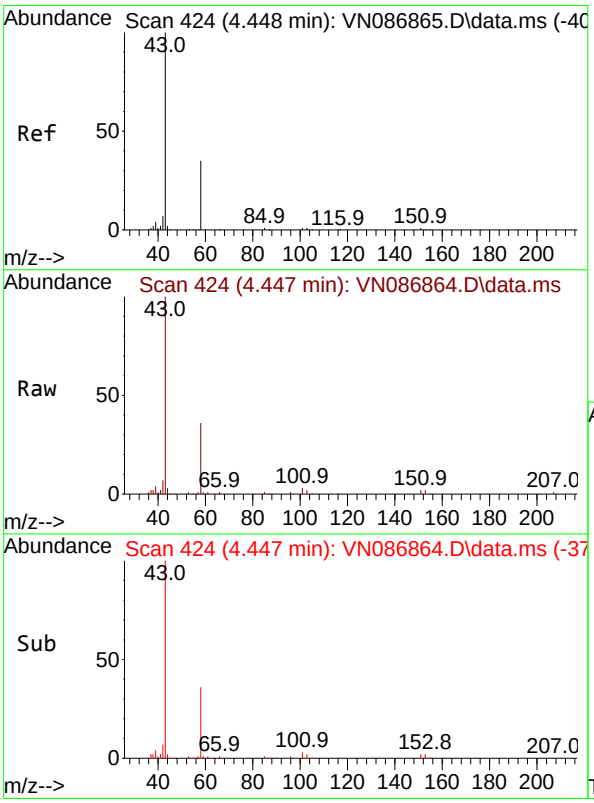
#15
Acrylonitrile
Concen: 104.881 ug/l
RT: 5.742 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 199498

Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.0	97.6
51	33.7	27.2	40.8

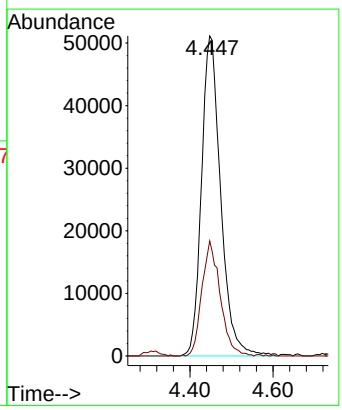


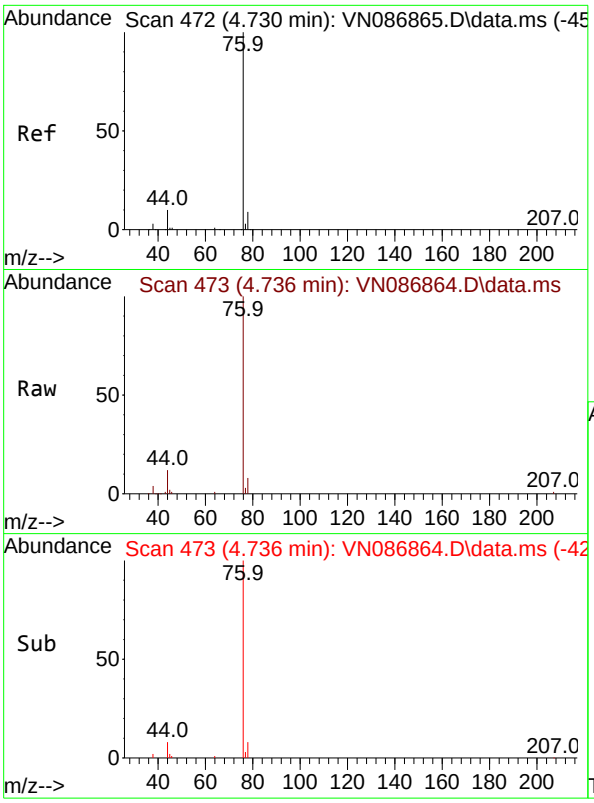


#16
Acetone
Concen: 103.099 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 163979

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.0	42.0



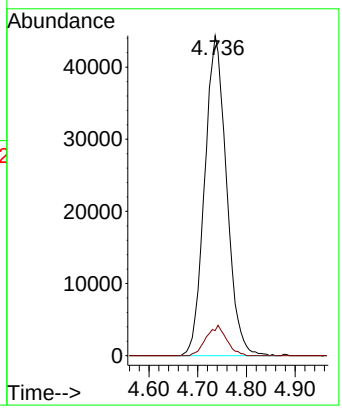


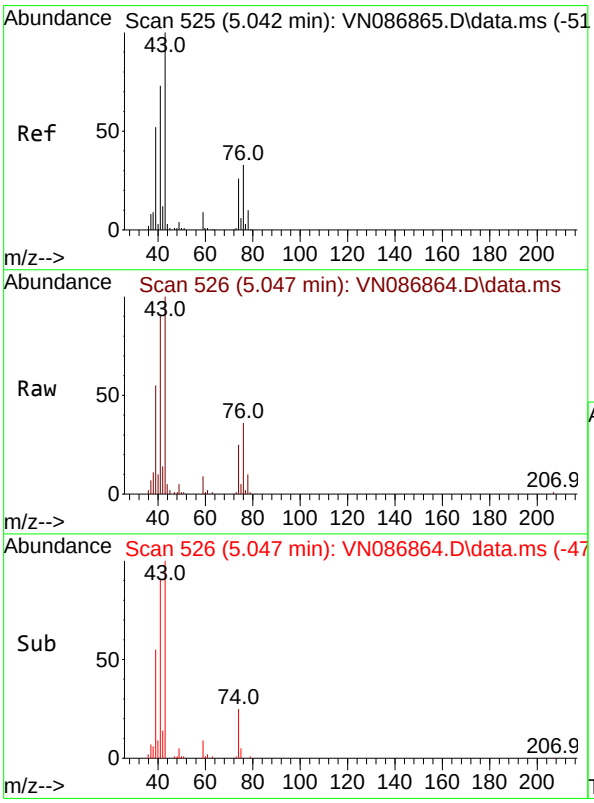
#17
Carbon Disulfide
Concen: 20.038 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 138195

Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.3	10.9

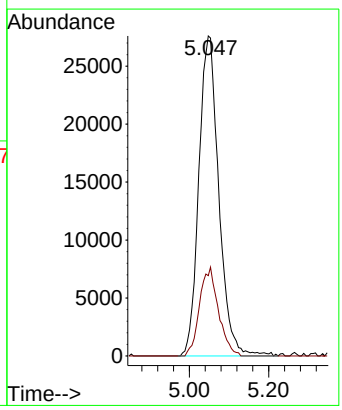


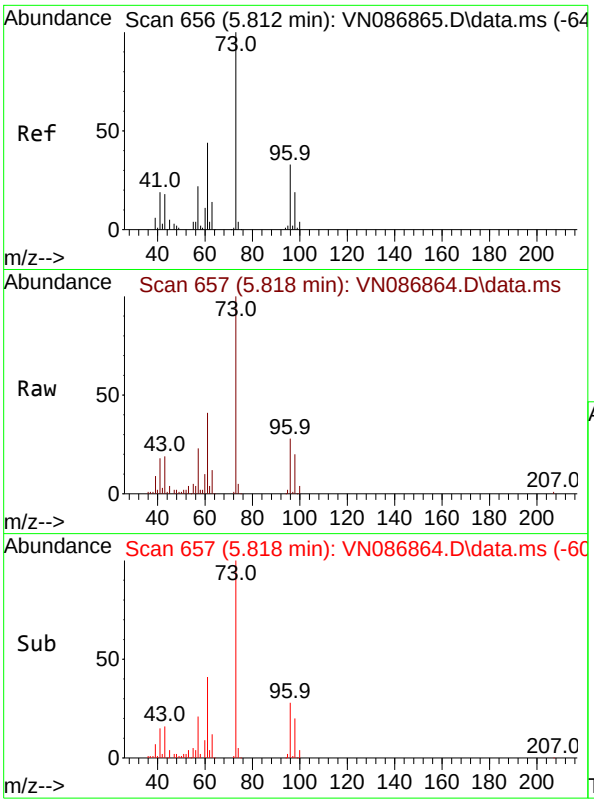


#18
Methyl Acetate
Concen: 20.830 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 96547

Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.7	31.1



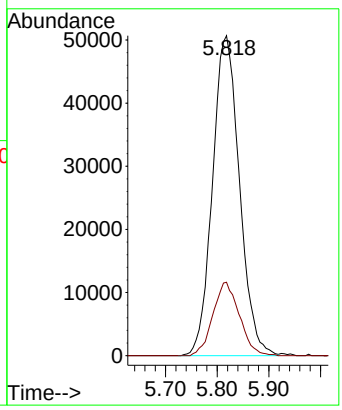


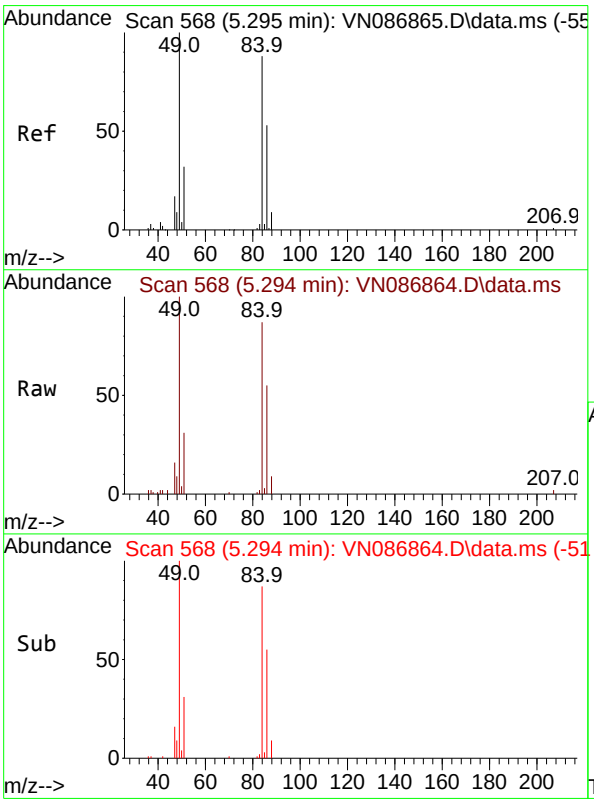
#19
Methyl tert-butyl Ether
Concen: 20.358 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 183780

Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.4	26.2

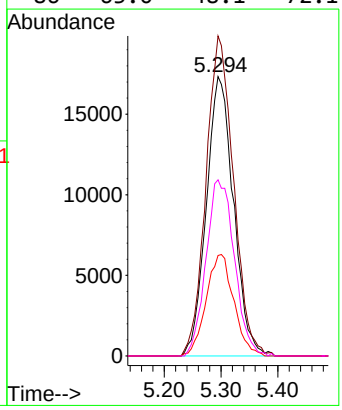


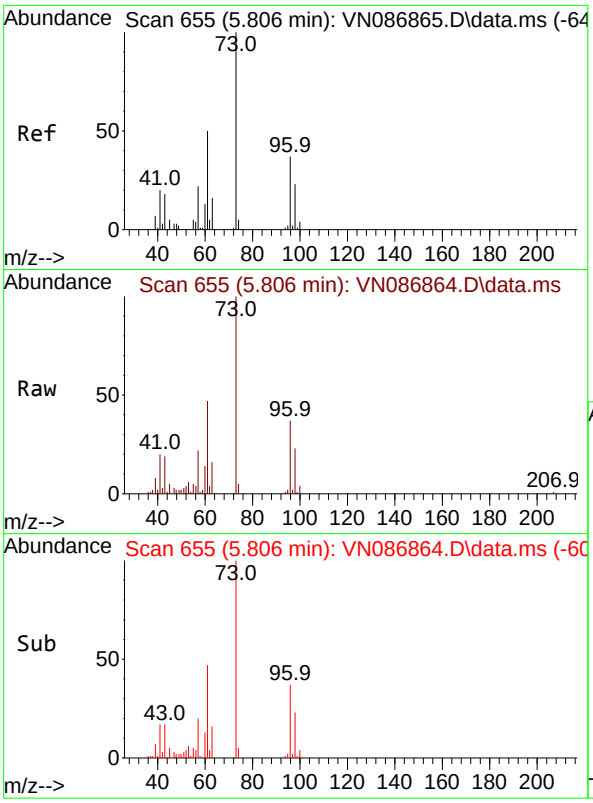


#20
Methylene Chloride
Concen: 19.348 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 84 Resp: 57611

Ion	Ratio	Lower	Upper
84	100		
49	114.5	90.5	135.7
51	35.9	28.5	42.7
86	63.0	48.1	72.1



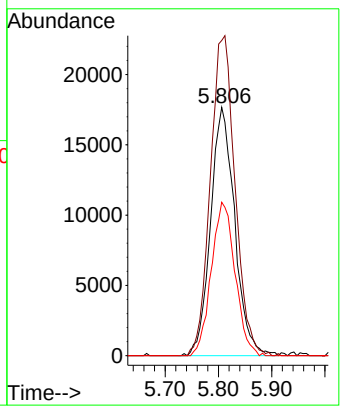


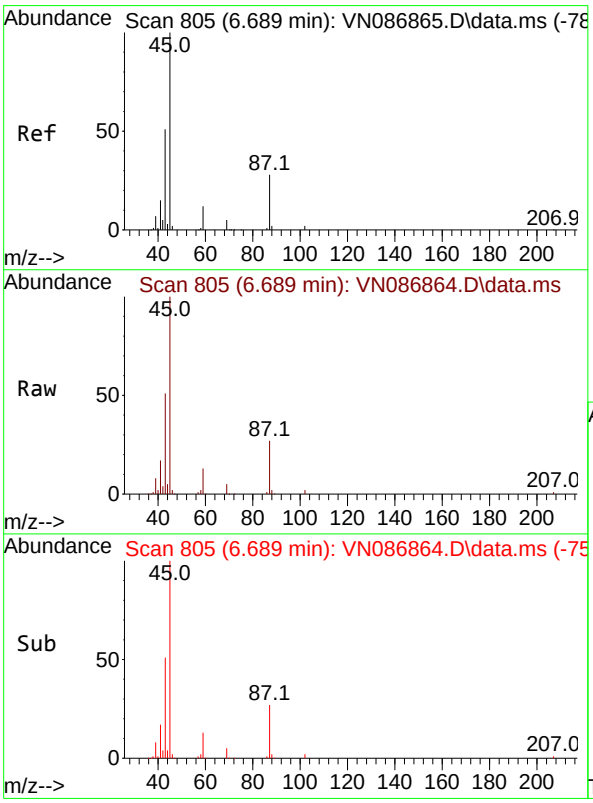
#21
trans-1,2-Dichloroethene
Concen: 20.059 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 55643

Ion	Ratio	Lower	Upper
96	100		
61	126.9	109.2	163.8
98	61.8	49.8	74.8

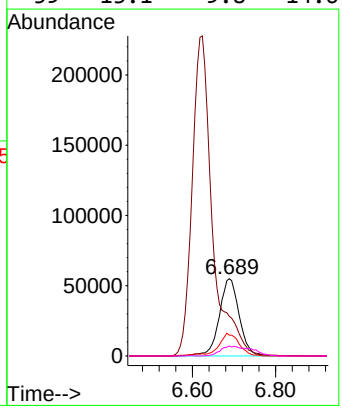


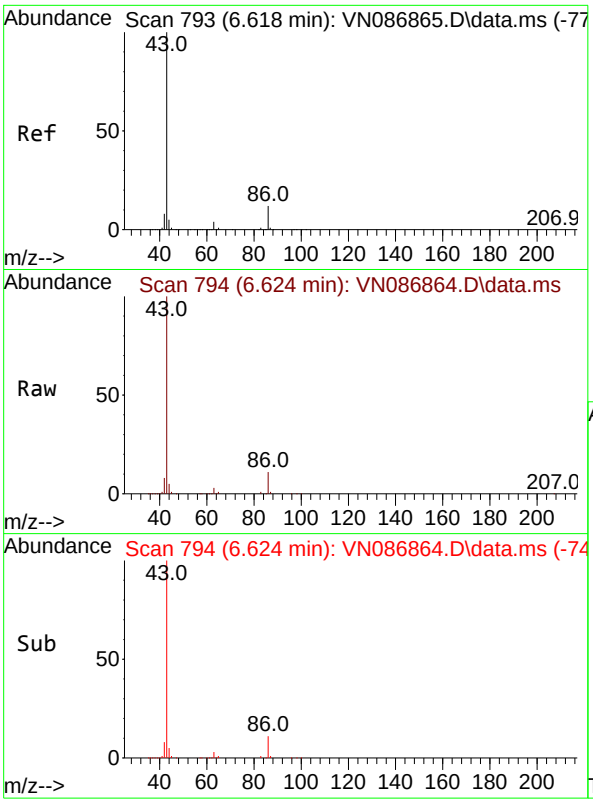


#22
Diisopropyl ether
Concen: 20.935 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 45 Resp: 182472

Ion	Ratio	Lower	Upper
45	100		
43	50.7	41.9	62.9
87	27.0	22.4	33.6
59	13.1	9.8	14.6



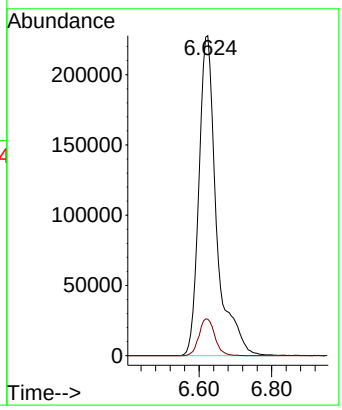


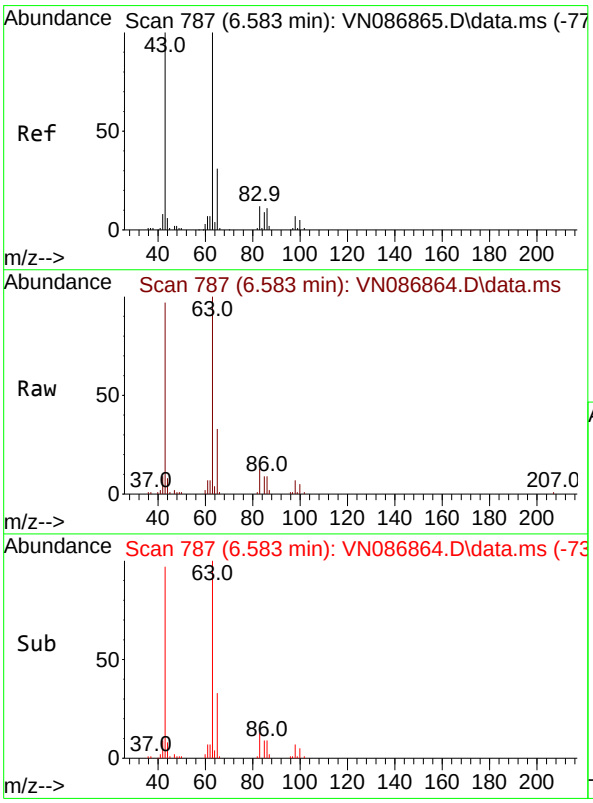
#23
Vinyl Acetate
Concen: 104.365 ug/l
RT: 6.624 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 768556

Ion	Ratio	Lower	Upper
43	100		
86	11.4	9.5	14.3

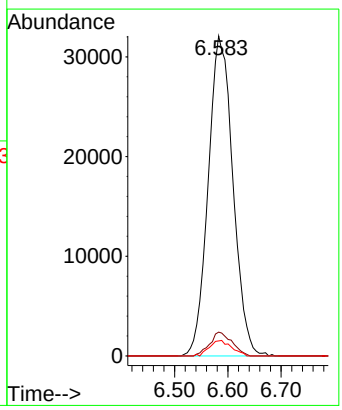


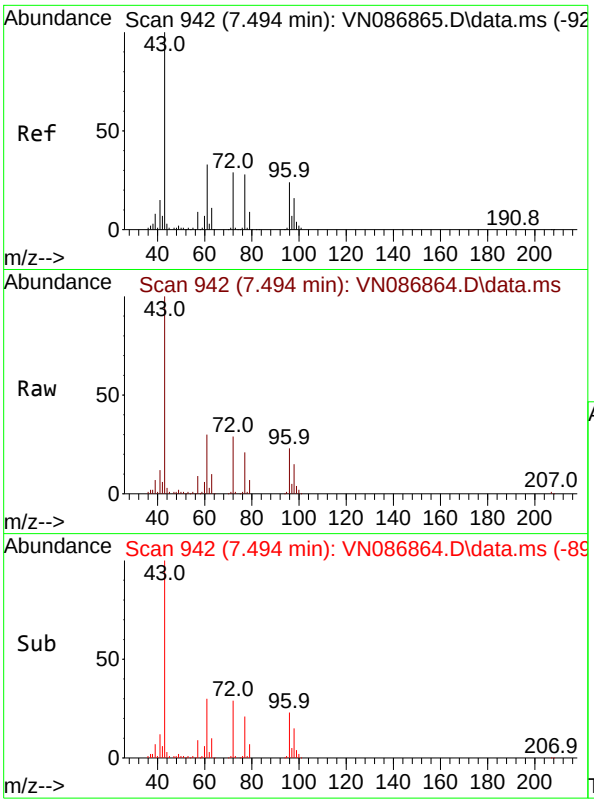


#24
1,1-Dichloroethane
Concen: 20.650 ug/l
RT: 6.583 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 63 Resp: 103578

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.6	10.8
100	4.7	2.6	7.8



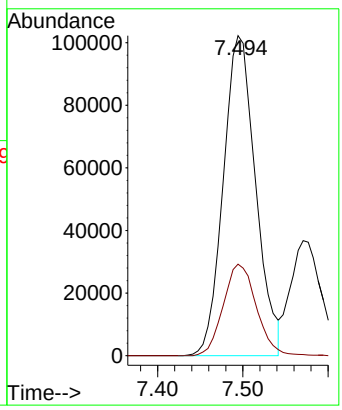


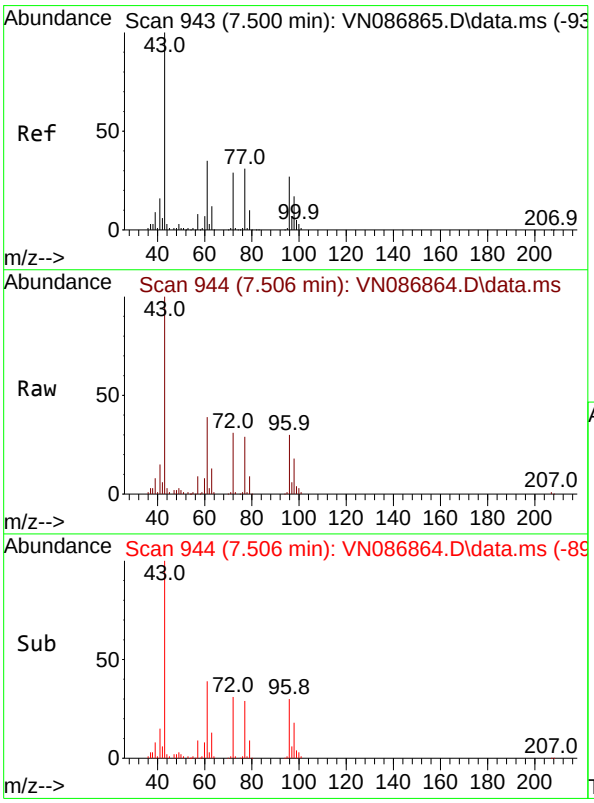
#25
2-Butanone
Concen: 104.621 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 270477

Ion	Ratio	Lower	Upper
43	100		
72	28.6	23.0	34.6

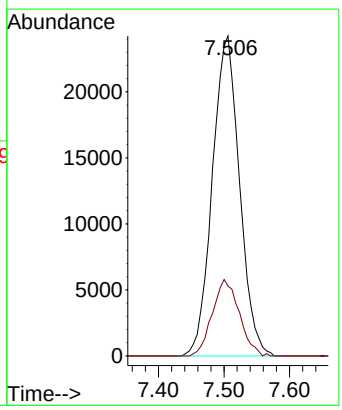


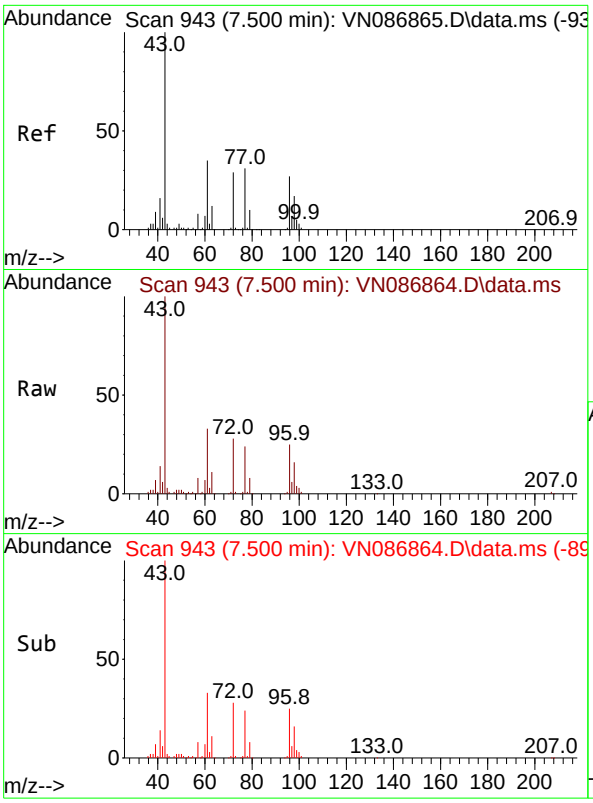


#26
2,2-Dichloropropane
Concen: 17.862 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 77 Resp: 69692

Ion	Ratio	Lower	Upper
77	100		
97	23.7	11.6	34.7



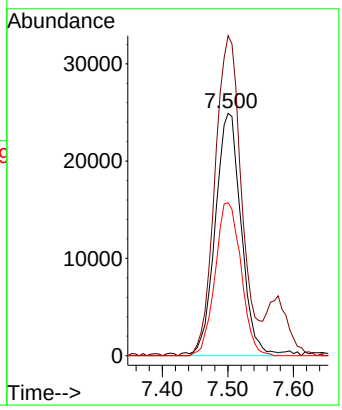


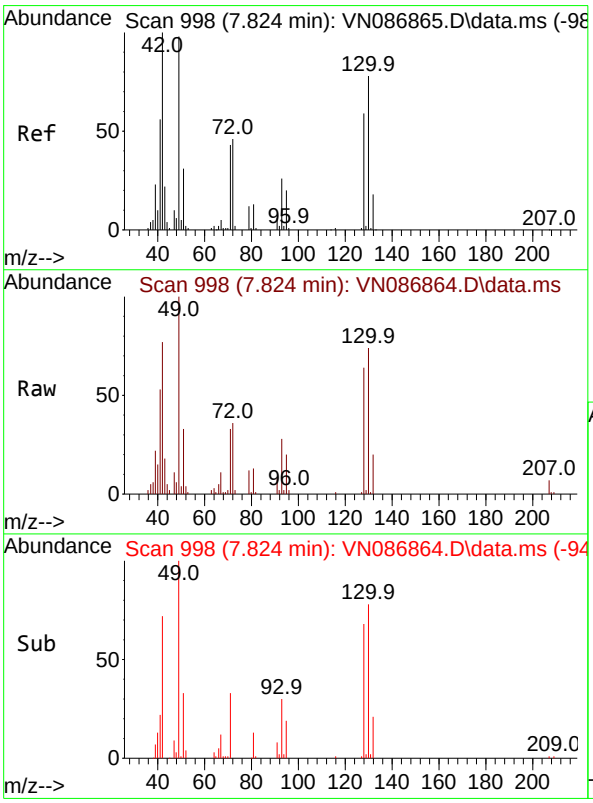
#27
cis-1,2-Dichloroethene
Concen: 20.585 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 68292

Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	278.0
98	63.0	0.0	128.2

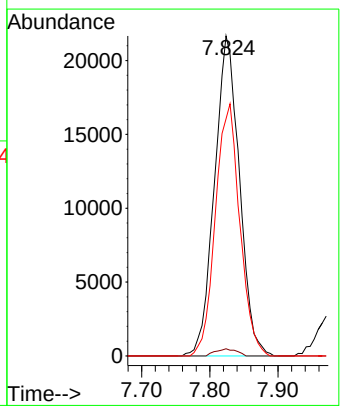


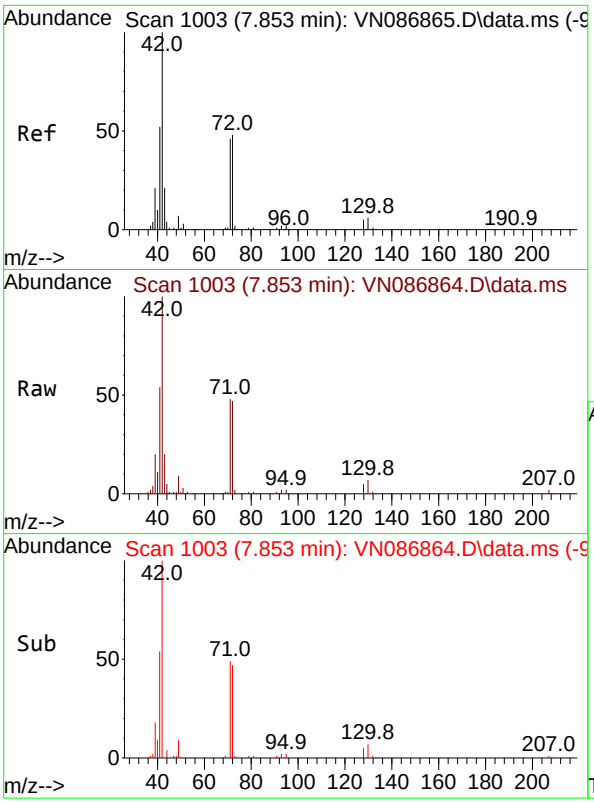


#28
Bromochloromethane
Concen: 22.381 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 49 Resp: 55196

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	77.1	62.2	93.2



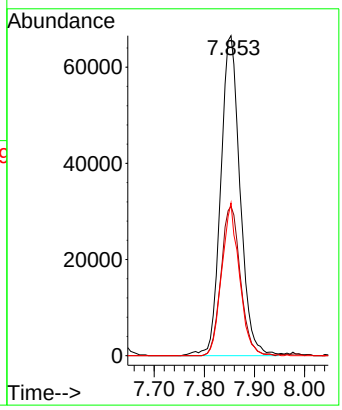


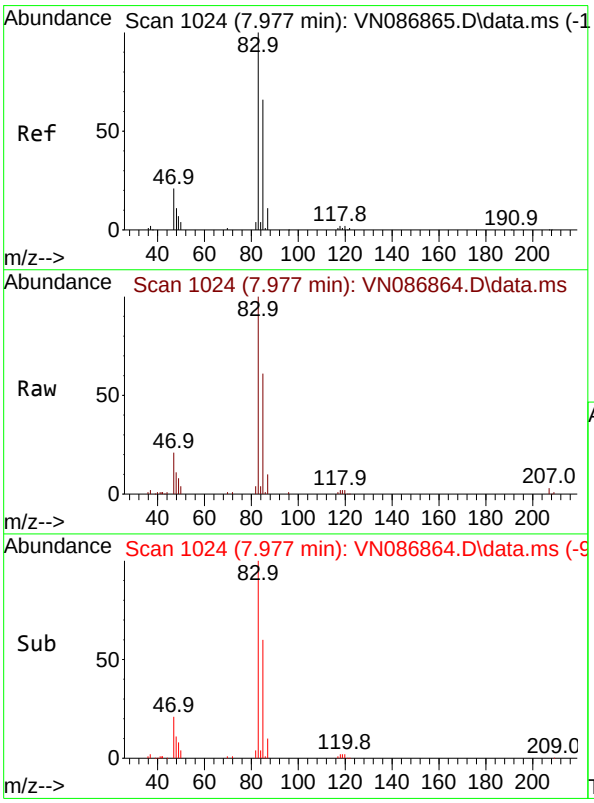
#29
Tetrahydrofuran
Concen: 106.031 ug/l
RT: 7.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 178571

Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.8	56.6
71	43.5	35.6	53.4

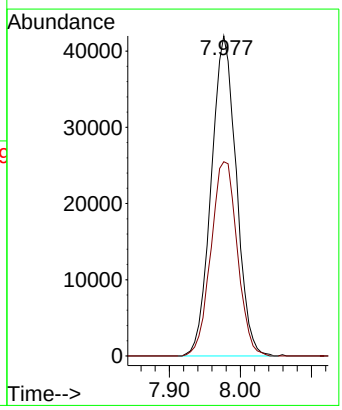


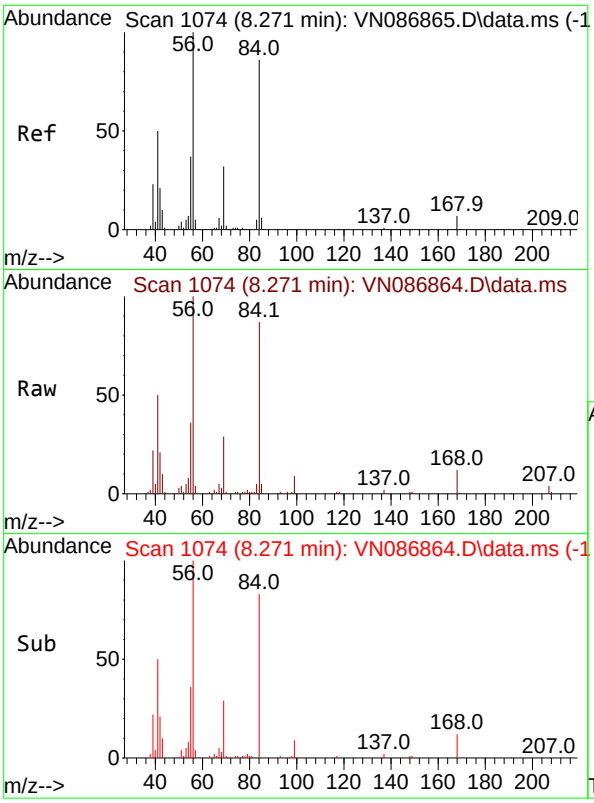


#30
Chloroform
Concen: 20.485 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 83 Resp: 102615

Ion	Ratio	Lower	Upper
83	100		
85	60.7	52.9	79.3



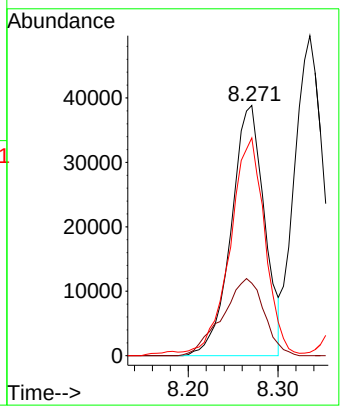


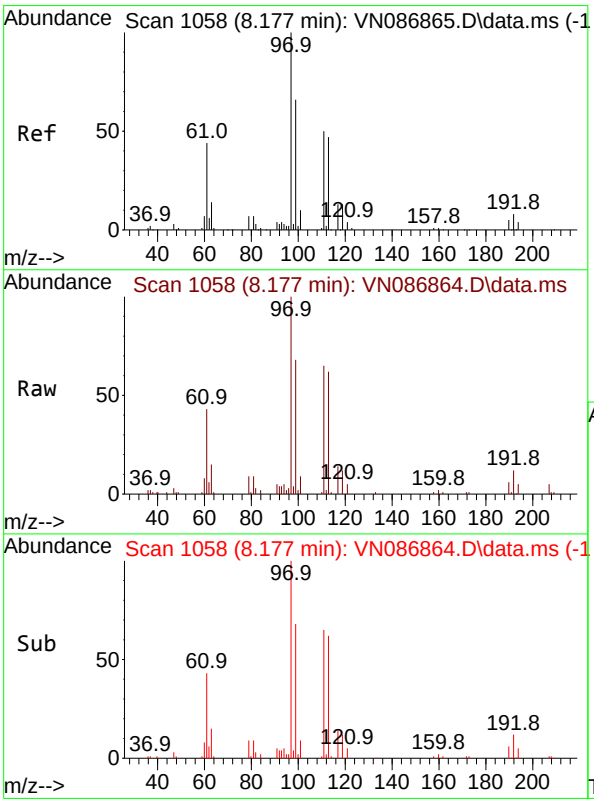
#31
Cyclohexane
Concen: 20.563 ug/l
RT: 8.271 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 100026

Ion	Ratio	Lower	Upper
56	100		
69	29.0	25.4	38.0
84	85.6	68.8	103.2

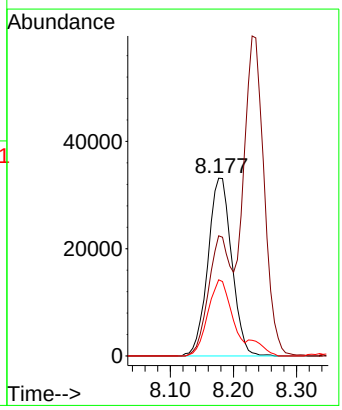


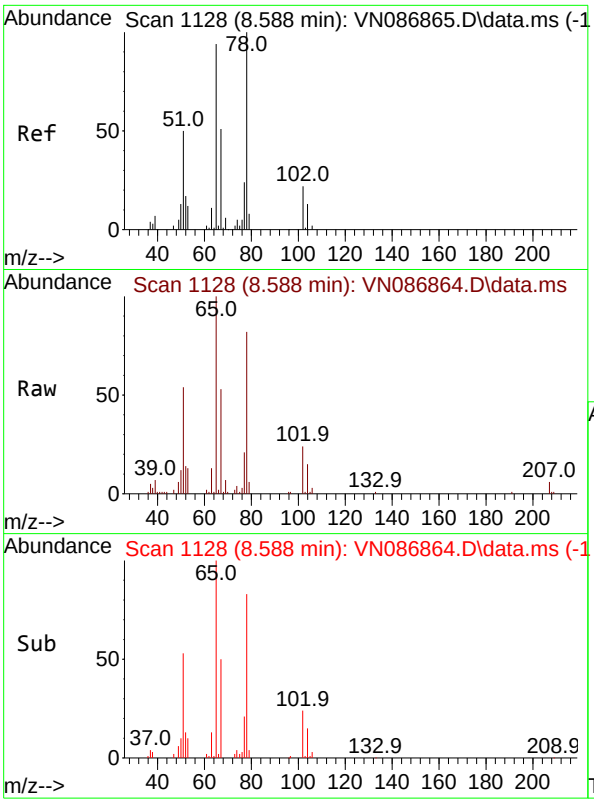


#32
1,1,1-Trichloroethane
Concen: 20.376 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 97 Resp: 86810

Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.0	78.0
61	43.3	35.9	53.9



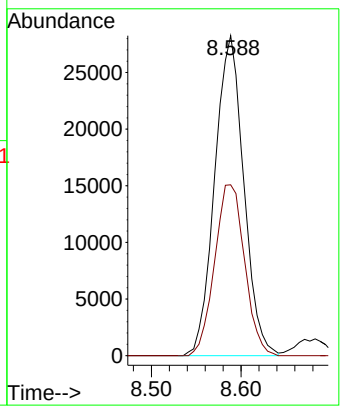


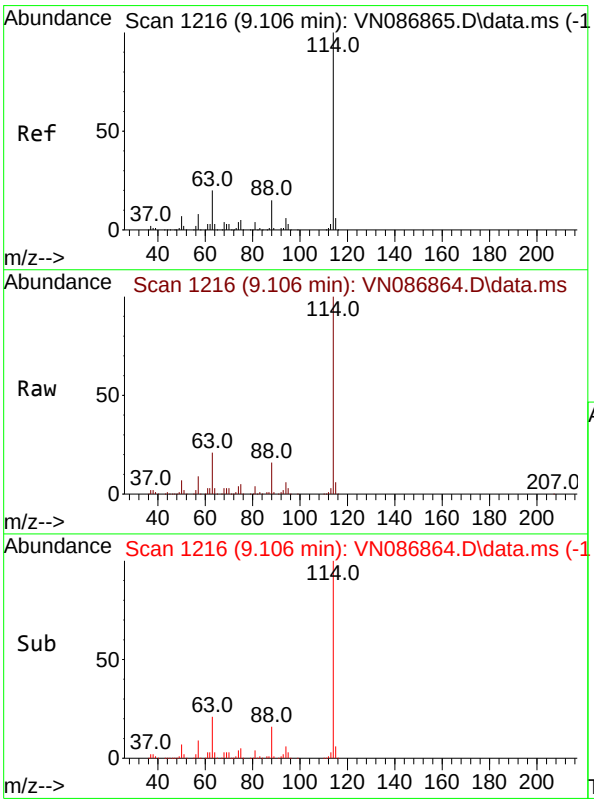
#33
1,2-Dichloroethane-d4
Concen: 21.136 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 63390

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	105.6

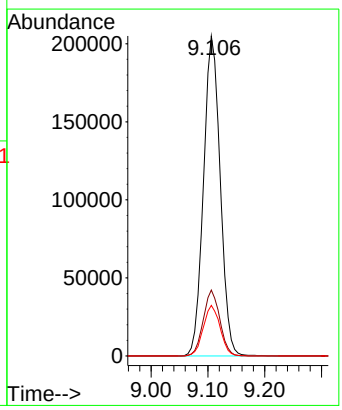


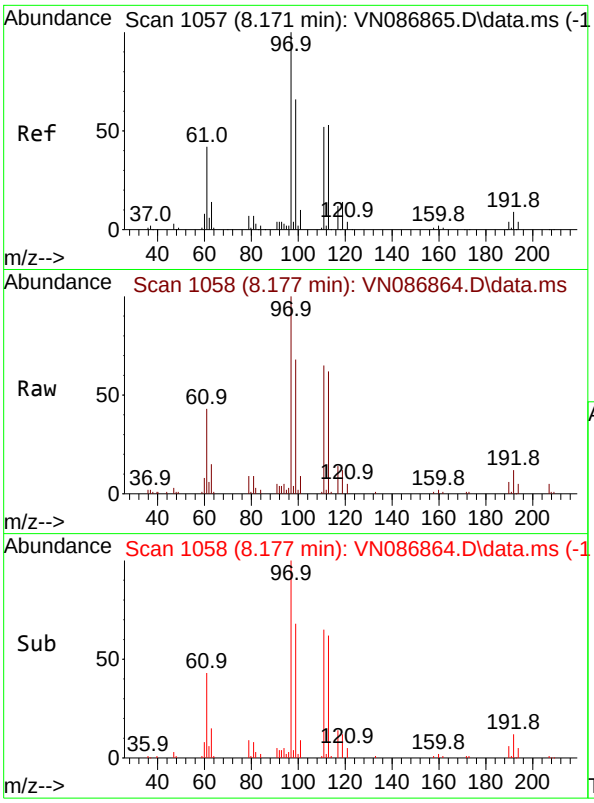


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:114 Resp: 418154

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.6
88	15.8	0.0	30.2



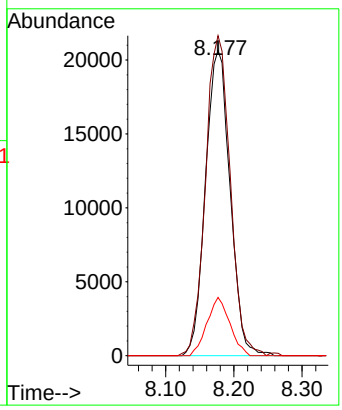


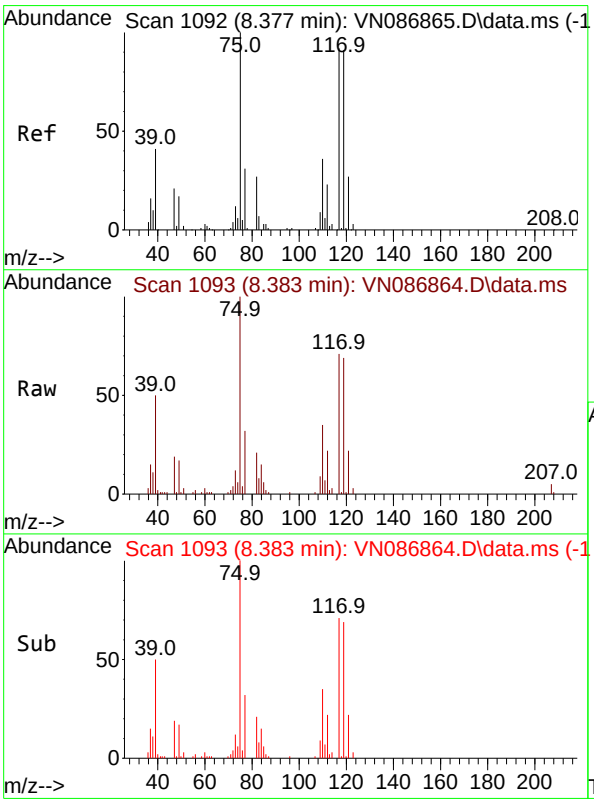
#35
Dibromofluoromethane
Concen: 20.902 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 51797

Ion	Ratio	Lower	Upper
113	100		
111	105.1	84.2	126.2
192	17.7	14.2	21.4

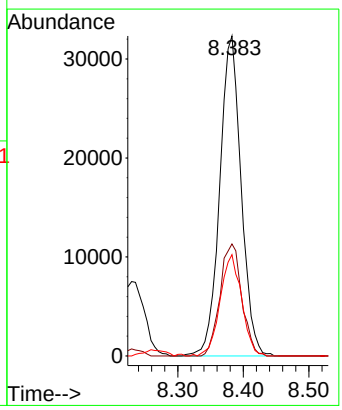


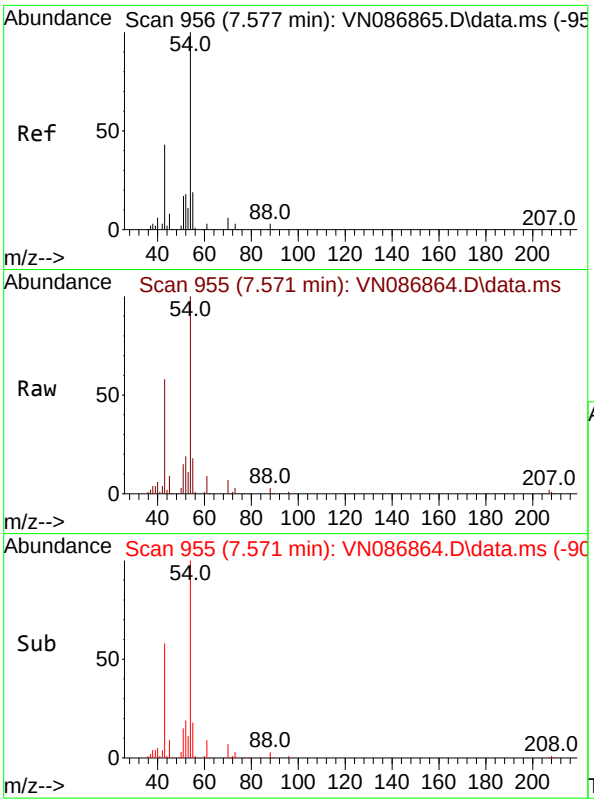


#36
1,1-Dichloropropene
Concen: 19.838 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 73252

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.6	52.9
77	31.8	25.3	37.9



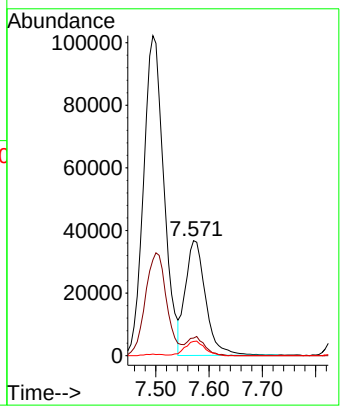


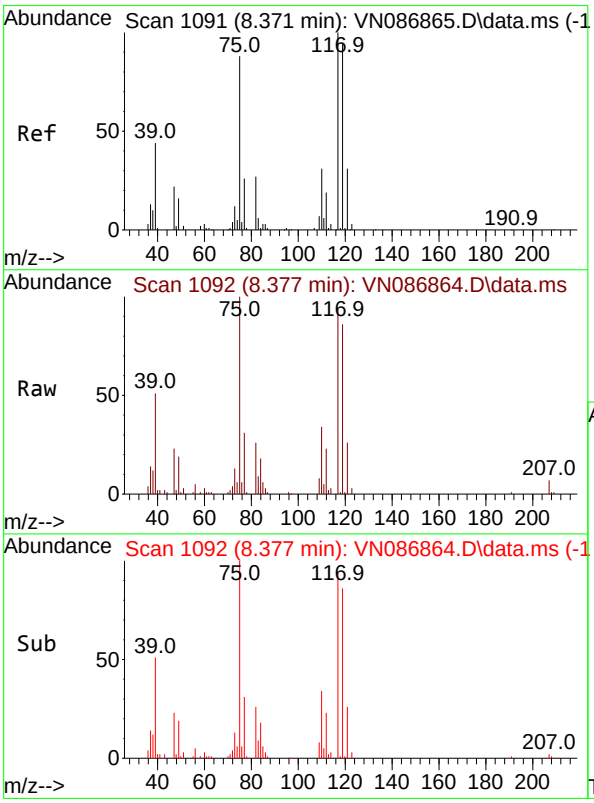
#37
Ethyl Acetate
Concen: 20.522 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 96467

Ion	Ratio	Lower	Upper
43	100		
61	13.9	12.1	18.1
70	12.6	9.8	14.6

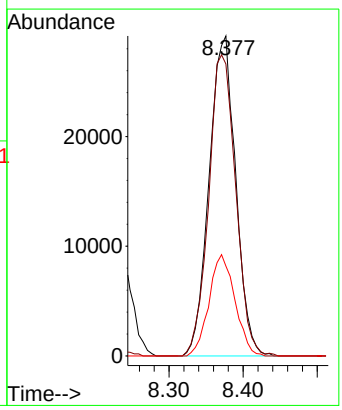


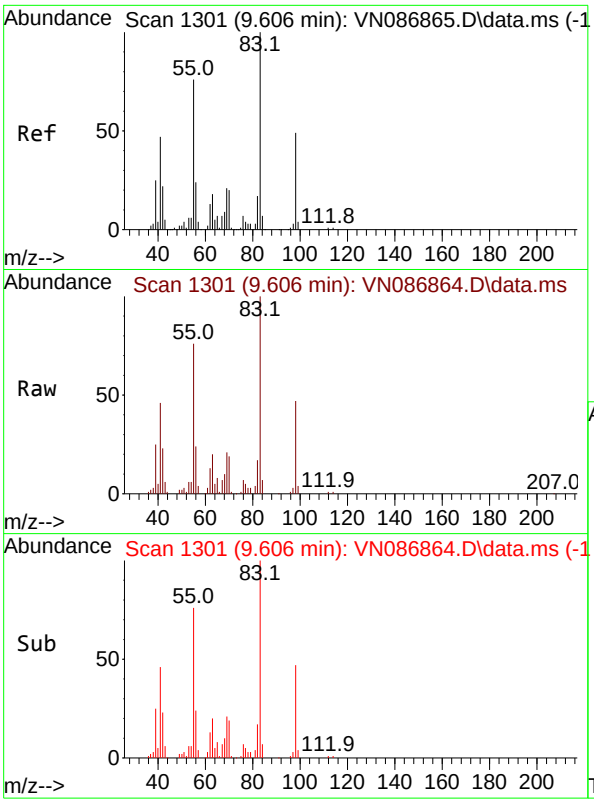


#38
Carbon Tetrachloride
Concen: 20.034 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:117 Resp: 72628

Ion	Ratio	Lower	Upper
117	100		
119	91.3	75.0	112.6
121	28.1	24.9	37.3



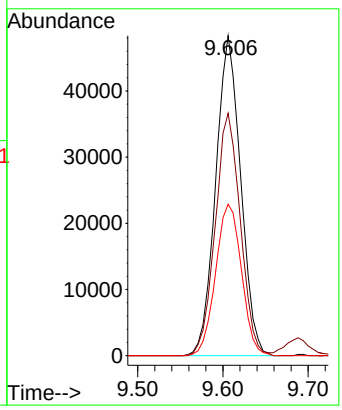


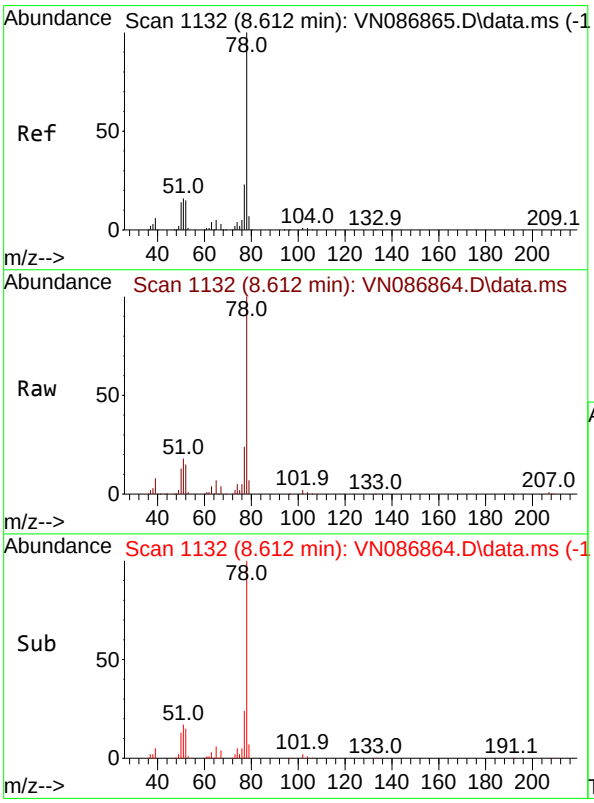
#39
Methylcyclohexane
Concen: 19.455 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 98425

Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.0	91.6
98	47.4	38.9	58.3

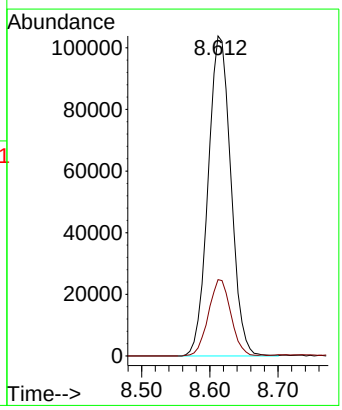


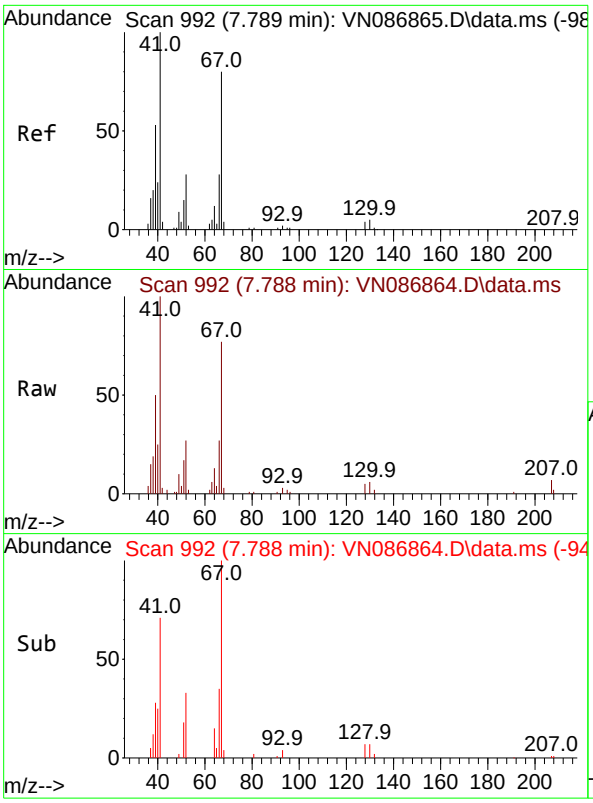


#40
Benzene
Concen: 19.996 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 78 Resp: 241444

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1



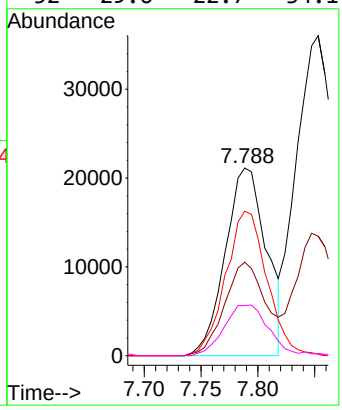


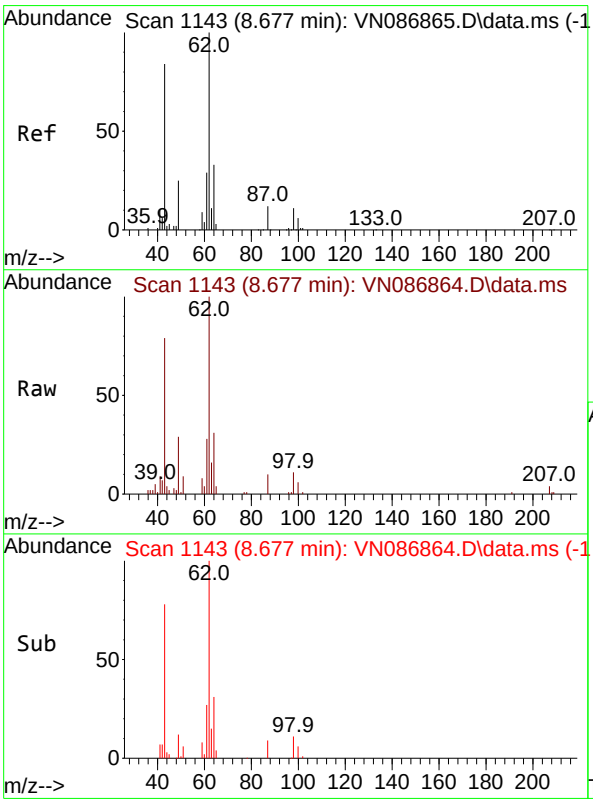
#41
Methacrylonitrile
Concen: 20.169 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 53244

Ion	Ratio	Lower	Upper
41	100		
39	49.5	41.2	61.8
67	77.3	61.4	92.2
52	29.6	22.7	34.1

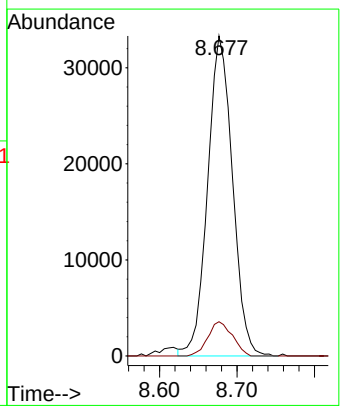


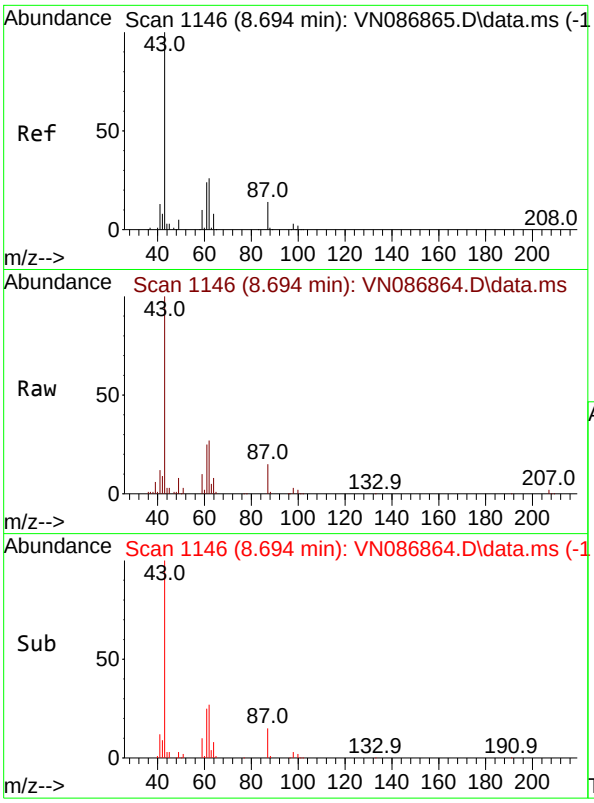


#42
1,2-Dichloroethane
Concen: 20.270 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 62 Resp: 74238

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2



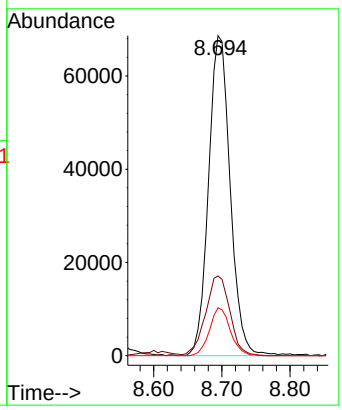


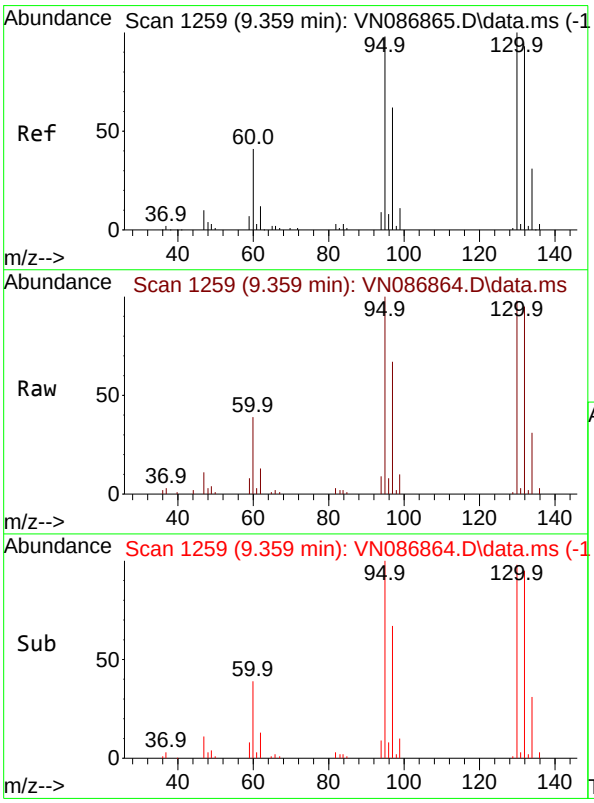
#43
Isopropyl Acetate
Concen: 20.094 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 151601

Ion	Ratio	Lower	Upper
43	100		
61	27.9	22.1	33.1
87	14.4	11.8	17.6

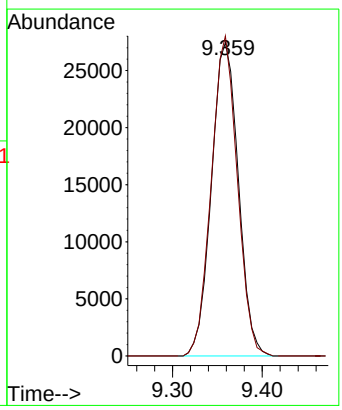


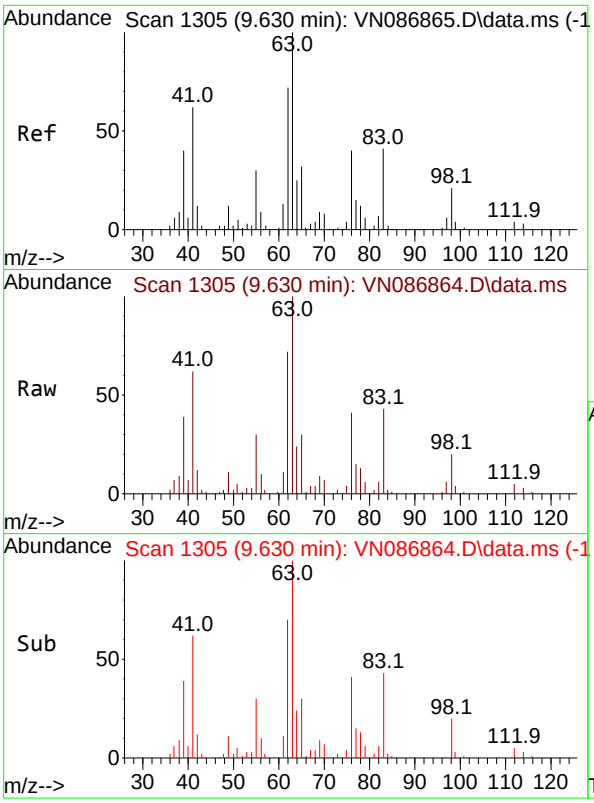


#44
Trichloroethene
Concen: 19.946 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:130 Resp: 57110

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	196.2



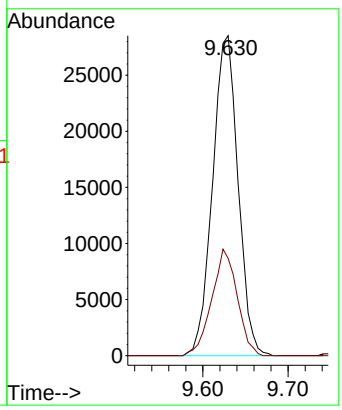


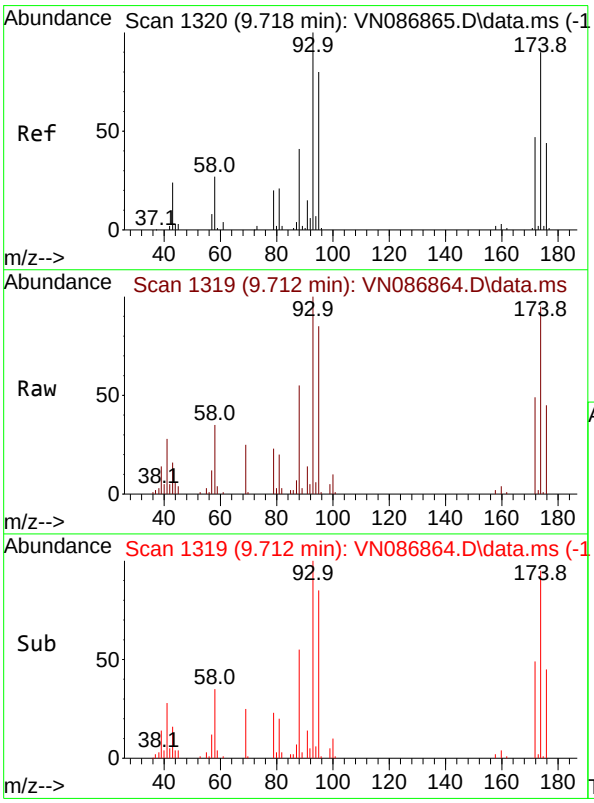
#45
1,2-Dichloropropane
Concen: 20.184 ug/l
RT: 9.630 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 59293

Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.5	38.3

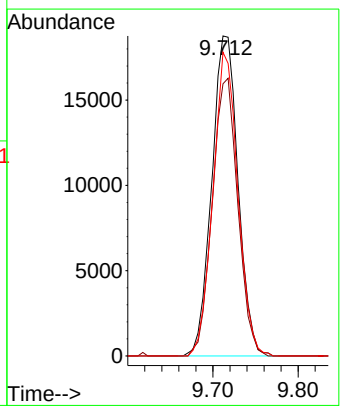


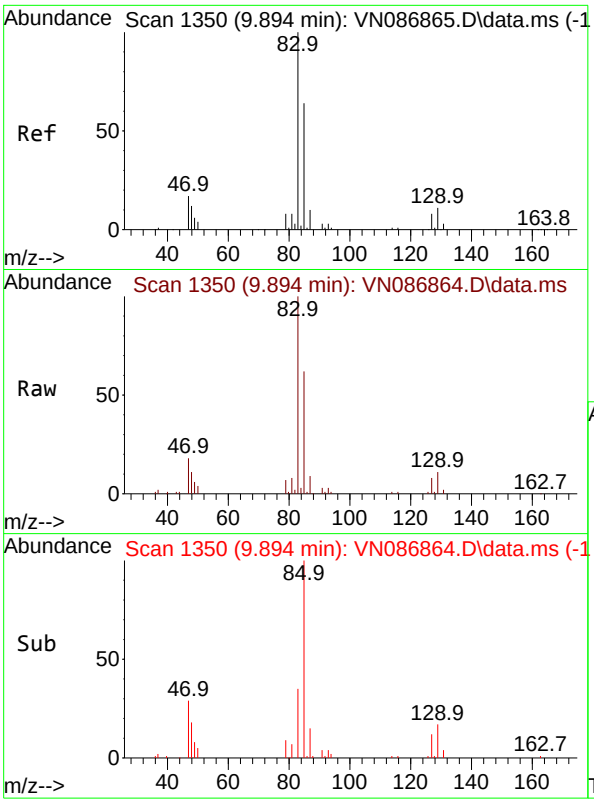


#46
Dibromomethane
Concen: 20.648 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 93 Resp: 40290

Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.1	100.7
174	90.1	74.2	111.4



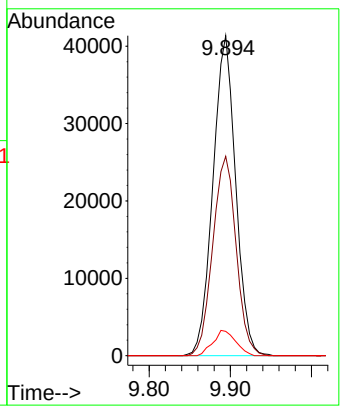


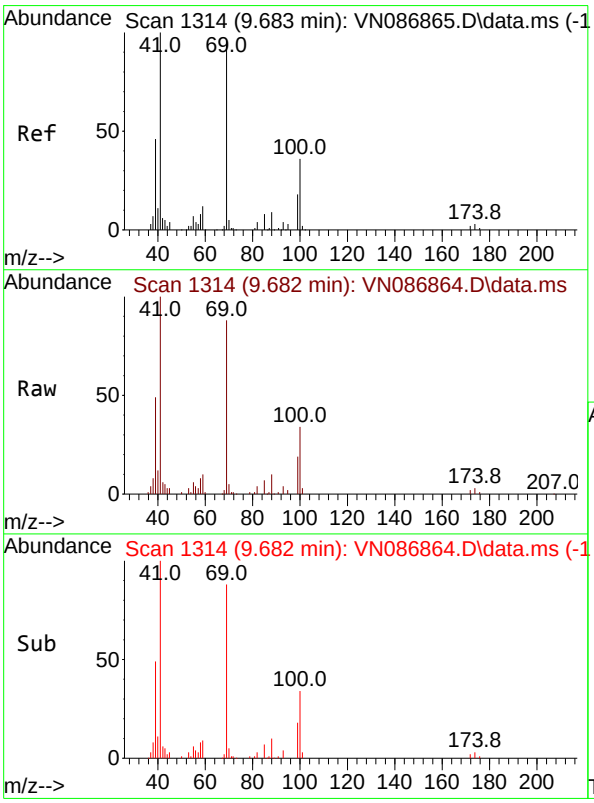
#47
Bromodichloromethane
Concen: 20.015 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 80353

Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.9	76.3
127	7.6	6.6	10.0

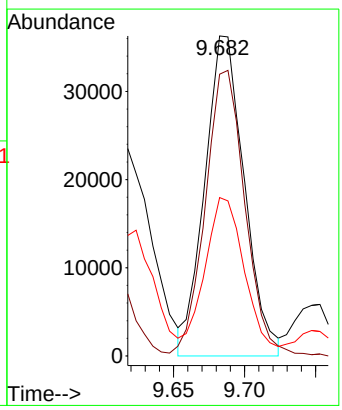


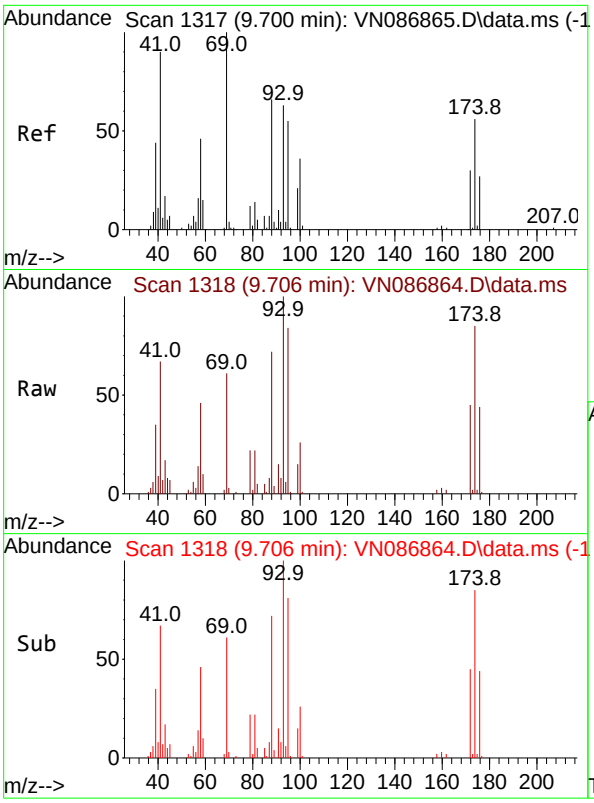


#48
Methyl methacrylate
Concen: 20.290 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 41 Resp: 70457

Ion	Ratio	Lower	Upper
41	100		
69	89.4	74.6	112.0
39	50.3	40.2	60.4



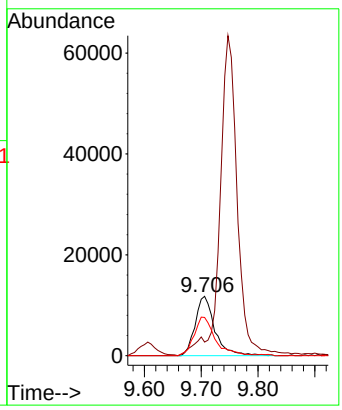


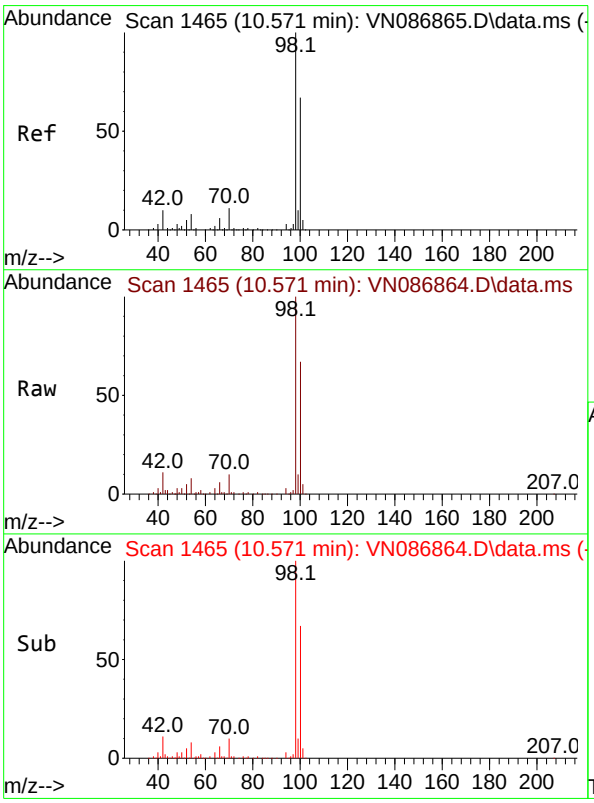
#49
1,4-Dioxane
Concen: 446.886 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 28231

Ion	Ratio	Lower	Upper
88	100		
43	19.7	0.0	0.0#
58	70.1	57.7	86.5

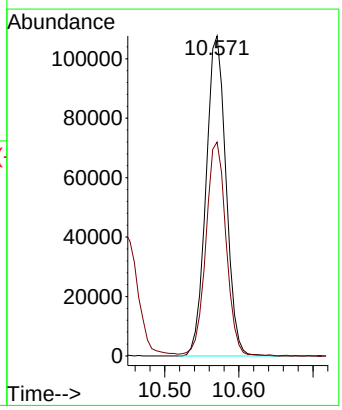


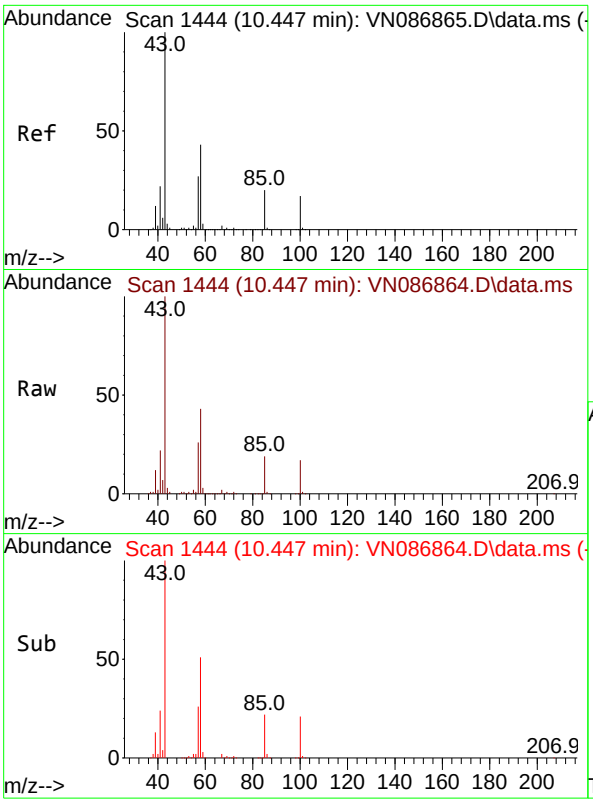


#50
Toluene-d8
Concen: 20.516 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 98 Resp: 201268

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.4	80.0



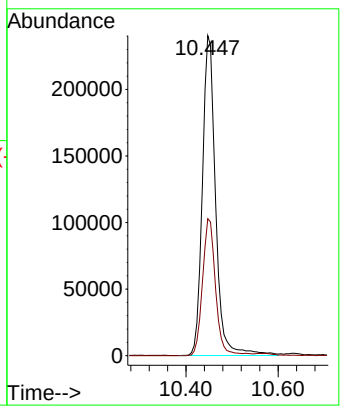


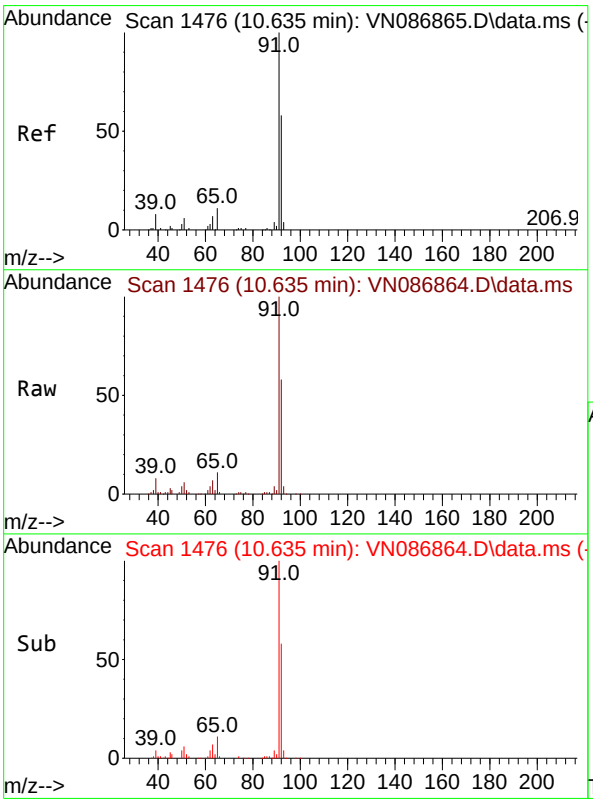
#51
4-Methyl-2-Pentanone
Concen: 106.066 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 481741

Ion	Ratio	Lower	Upper
43	100		
58	42.0	34.2	51.4

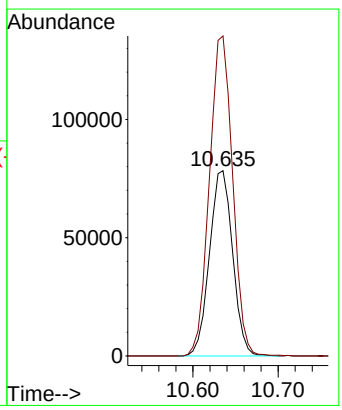


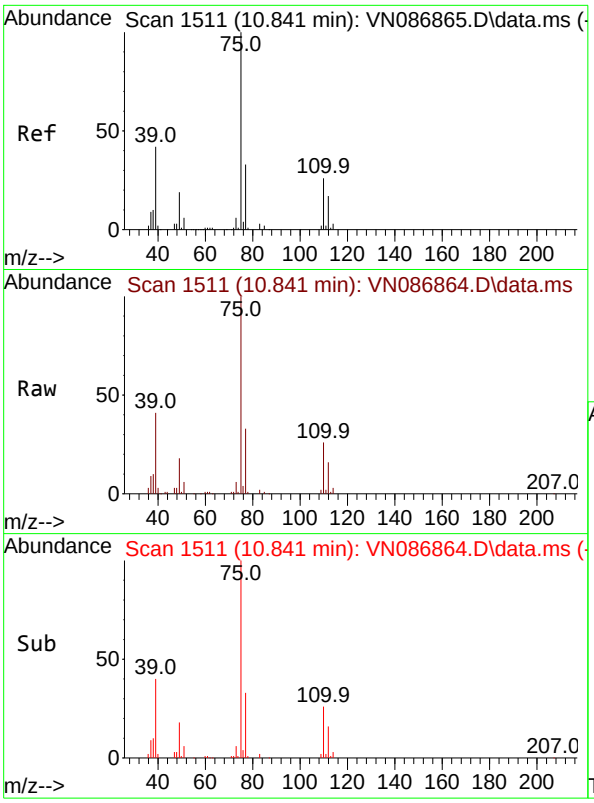


#52
Toluene
Concen: 20.056 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 92 Resp: 148000

Ion	Ratio	Lower	Upper
92	100		
91	172.9	136.5	204.7



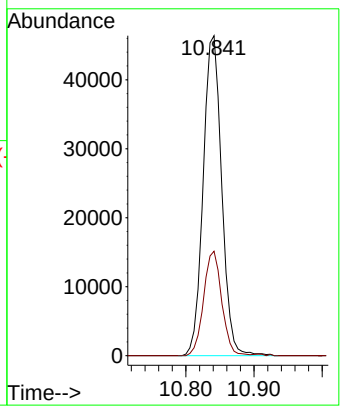


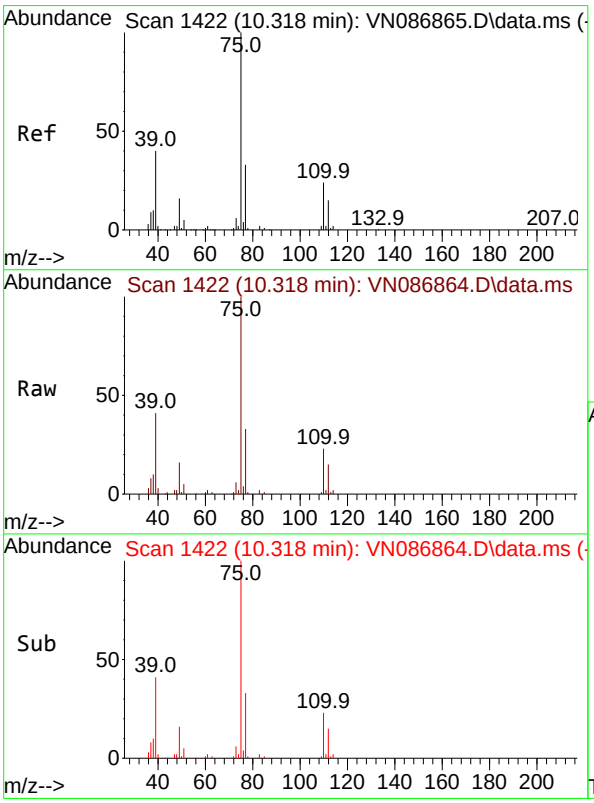
#53
t-1,3-Dichloropropene
Concen: 19.532 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 87683

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.4	39.6

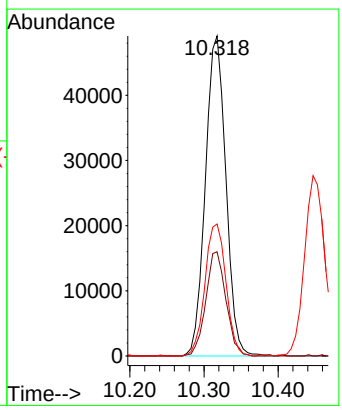


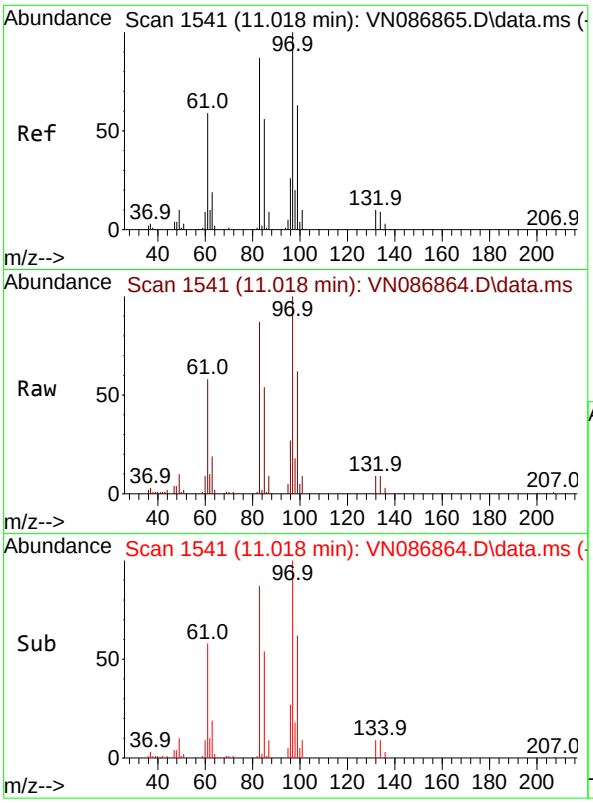


#54
cis-1,3-Dichloropropene
Concen: 19.636 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 94315

Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.2	39.4
39	41.3	32.3	48.5



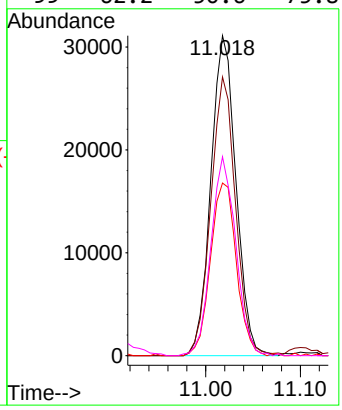


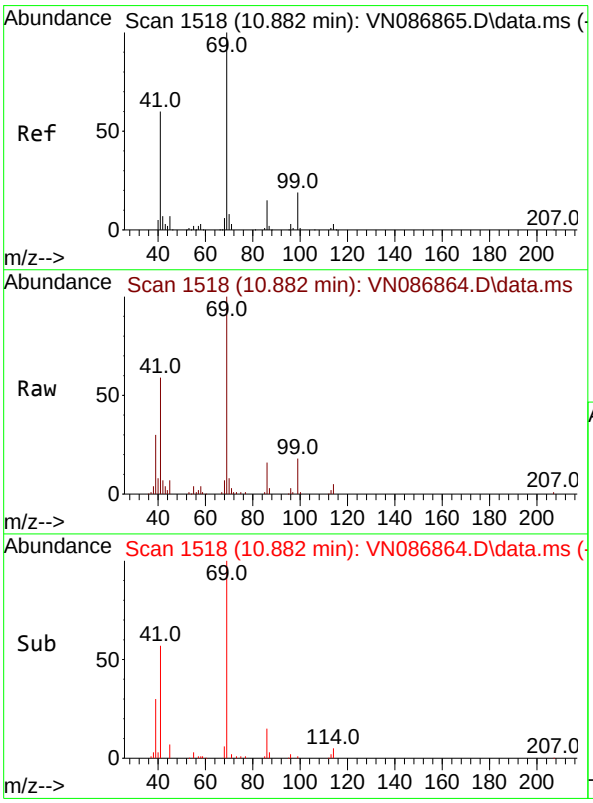
#55
1,1,2-Trichloroethane
Concen: 20.143 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 57195

Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.7	104.5
85	54.0	45.1	67.7
99	62.2	50.6	75.8

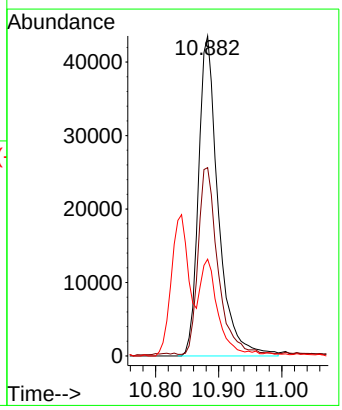


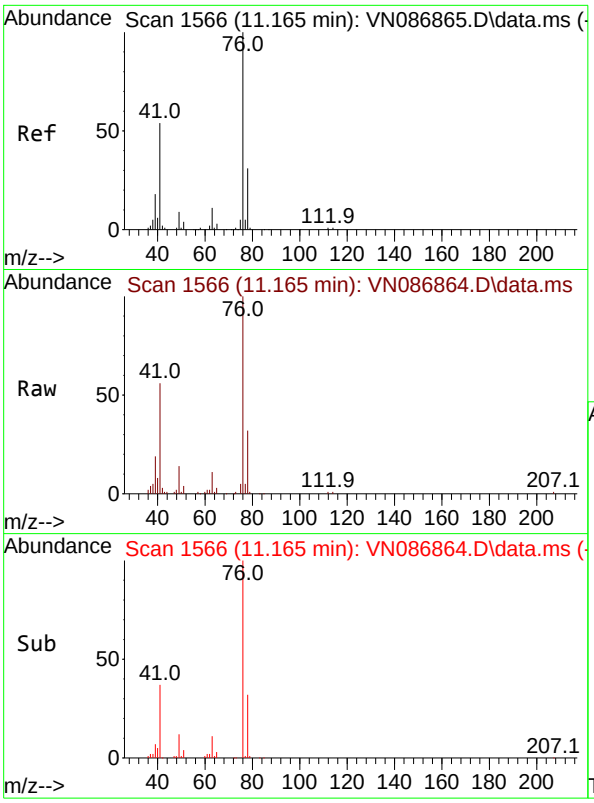


#56
Ethyl methacrylate
Concen: 20.968 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 69 Resp: 94829

Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.2	70.8
39	25.9	23.0	34.6



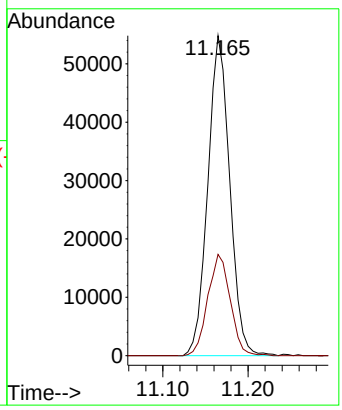


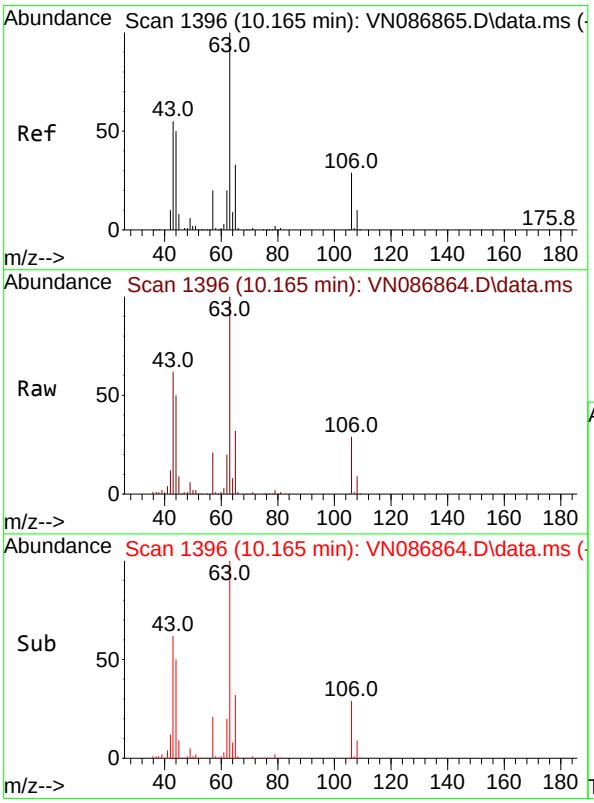
#57
1,3-Dichloropropane
Concen: 19.938 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 98205

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.3	37.9

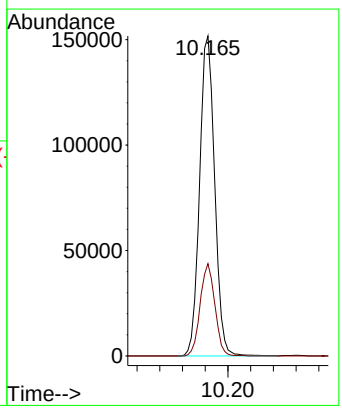


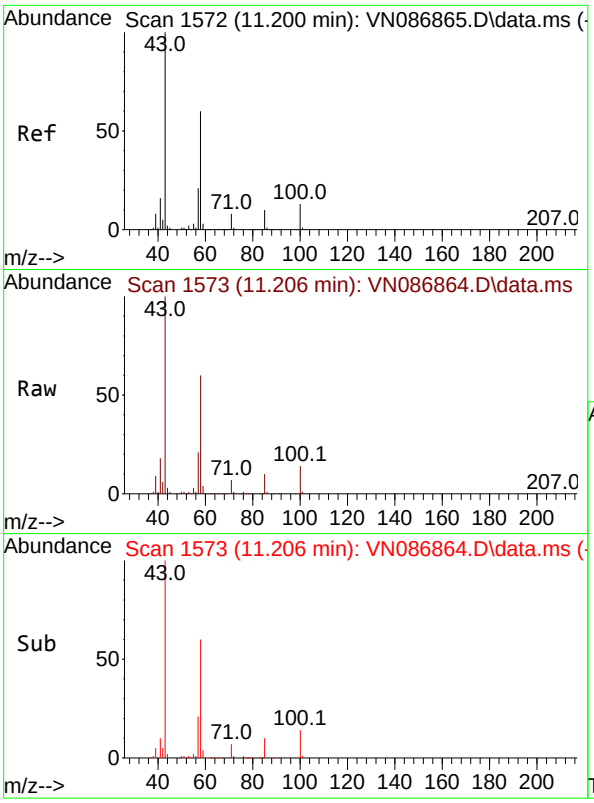


#58
2-Chloroethyl Vinyl ether
Concen: 103.426 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 63 Resp: 278986

Ion	Ratio	Lower	Upper
63	100		
106	28.1	23.0	34.6



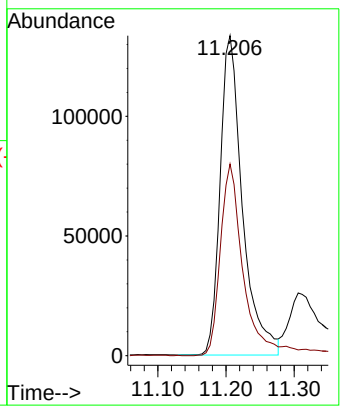


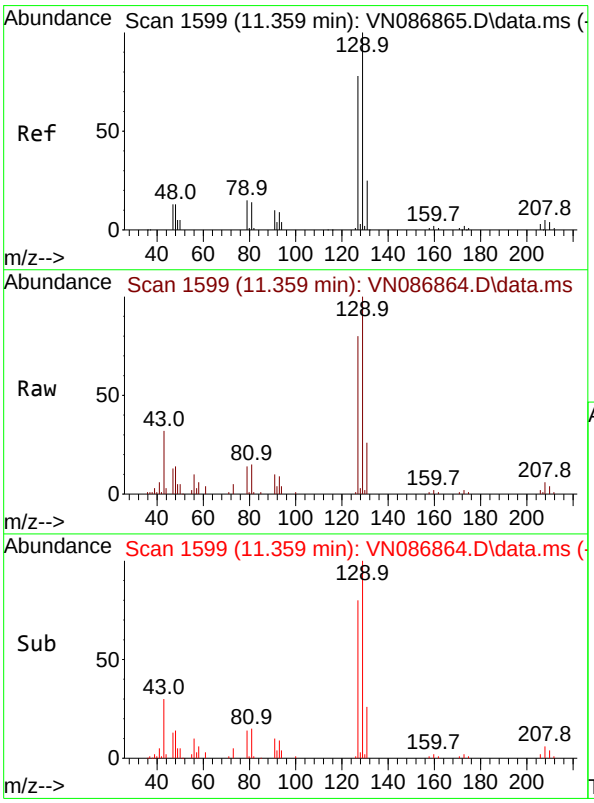
#59
2-Hexanone
Concen: 103.803 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 303686

Ion	Ratio	Lower	Upper
43	100		
58	64.8	30.4	91.3

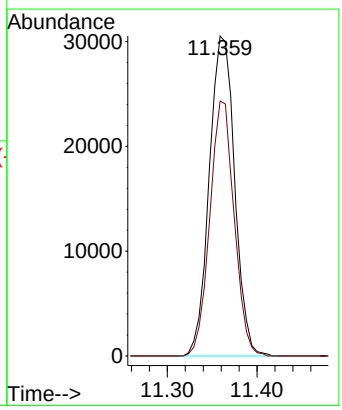


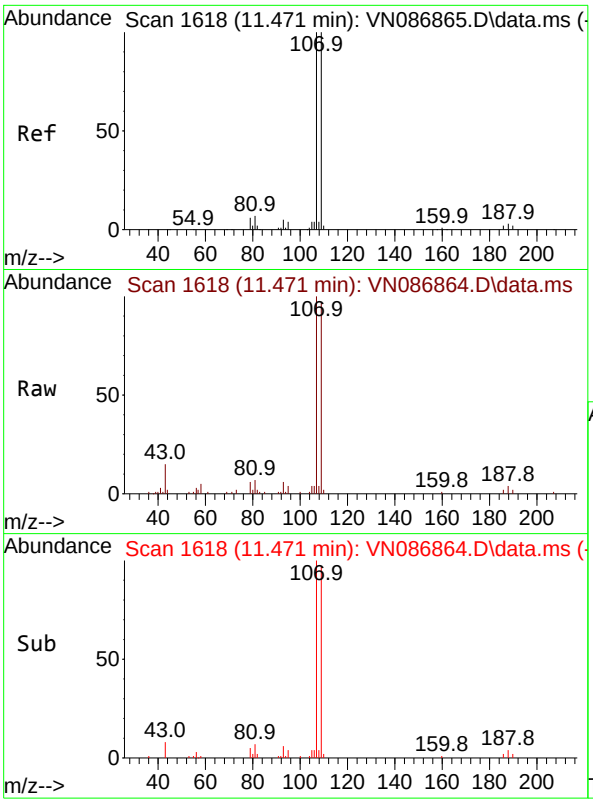


#60
Dibromochloromethane
Concen: 20.268 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:129 Resp: 59961

Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.6	115.8



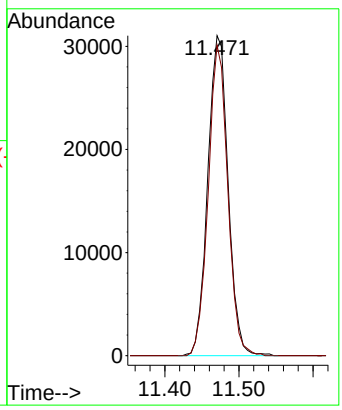


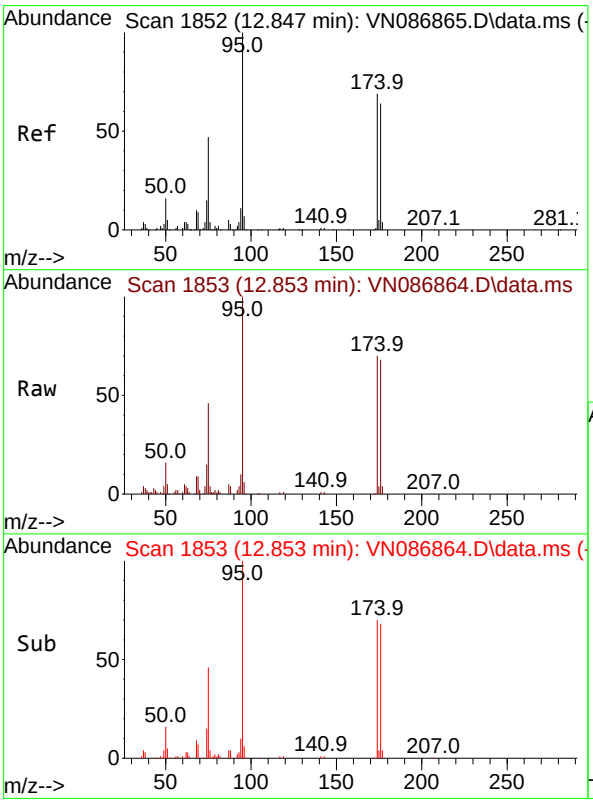
#61
1,2-Dibromoethane
Concen: 20.320 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 59139

Ion	Ratio	Lower	Upper
107	100		
109	93.0	76.3	114.5

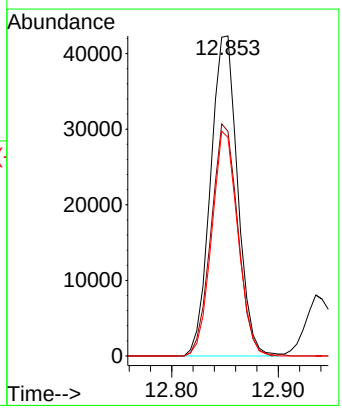


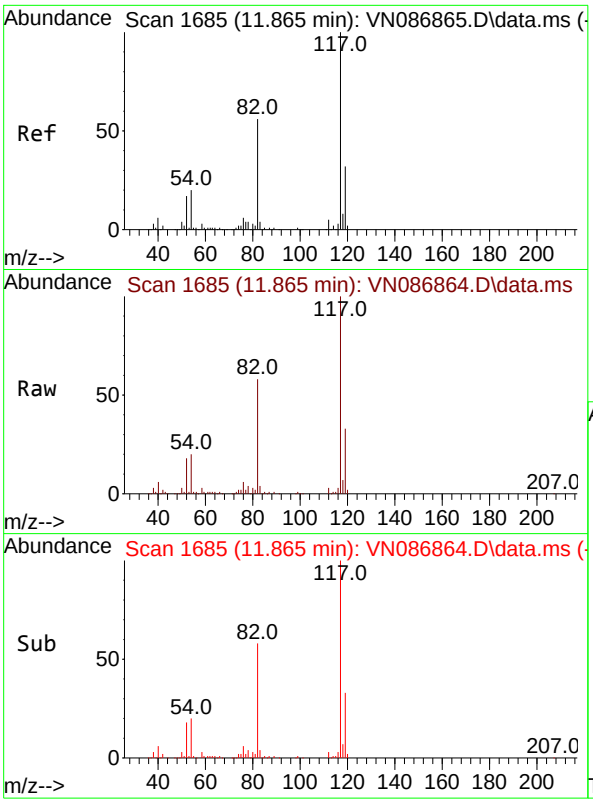


#62
4-Bromofluorobenzene
Concen: 20.474 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 95 Resp: 74622

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	141.8
176	68.0	0.0	132.6



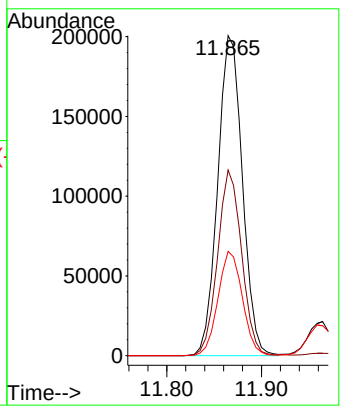


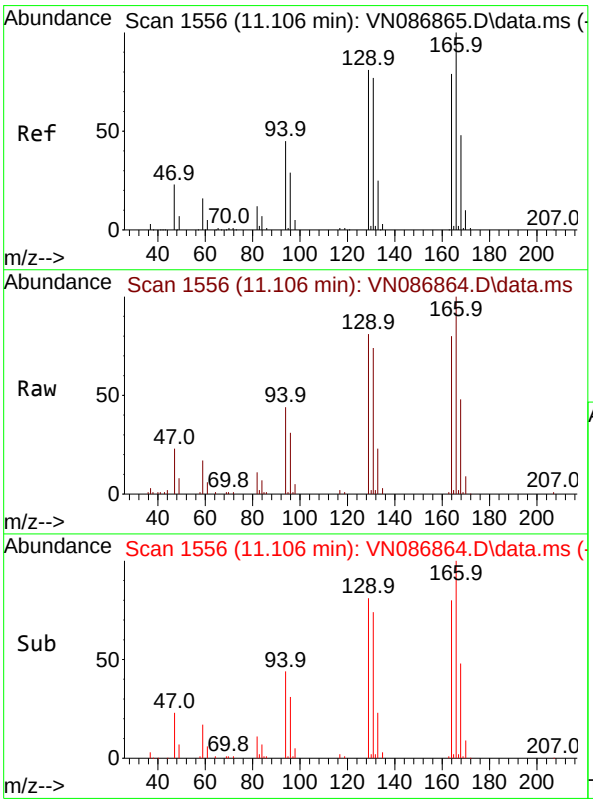
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 363172

Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.6	67.0
119	32.6	25.5	38.3

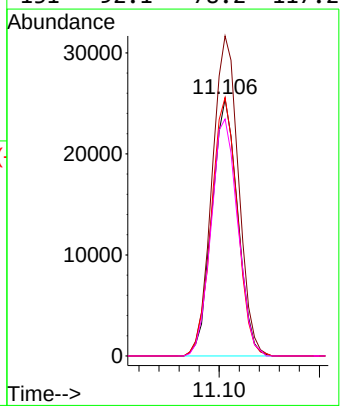


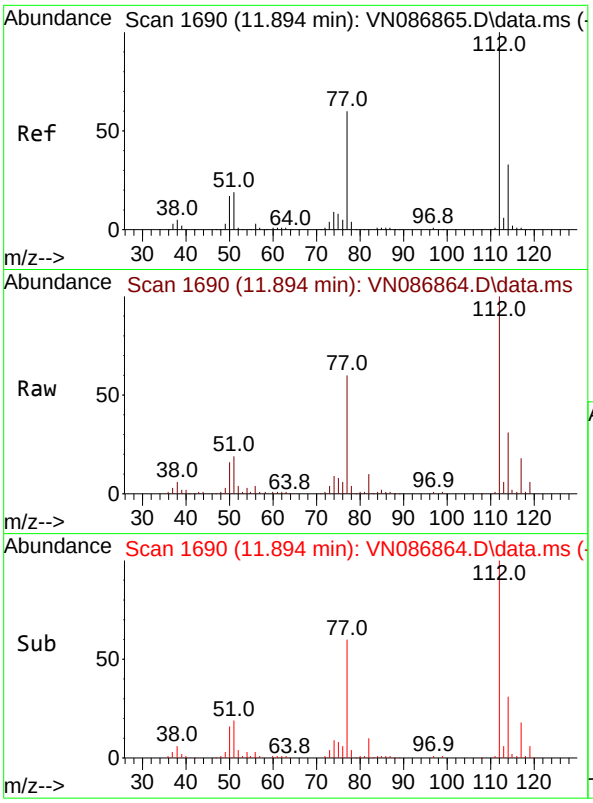


#64
Tetrachloroethene
Concen: 19.742 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:164 Resp: 45374

Ion	Ratio	Lower	Upper
164	100		
166	124.4	101.8	152.8
129	100.4	83.0	124.4
131	92.1	78.2	117.2



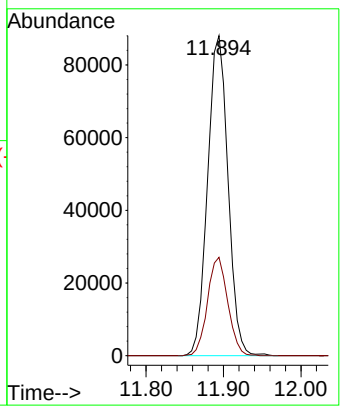


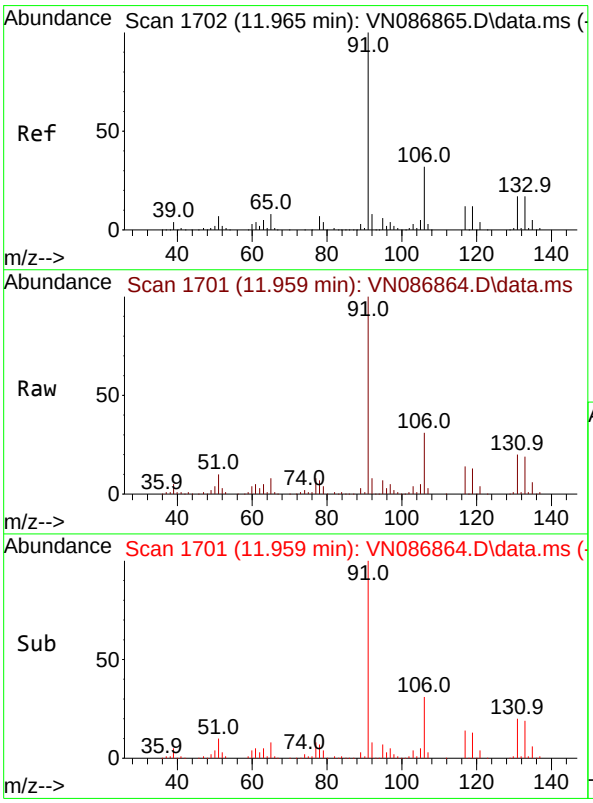
#65
Chlorobenzene
Concen: 20.076 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 160803

Ion	Ratio	Lower	Upper
112	100		
114	30.8	26.2	39.2

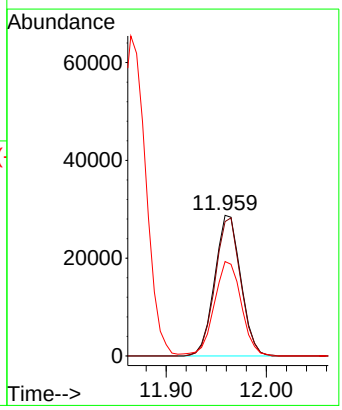


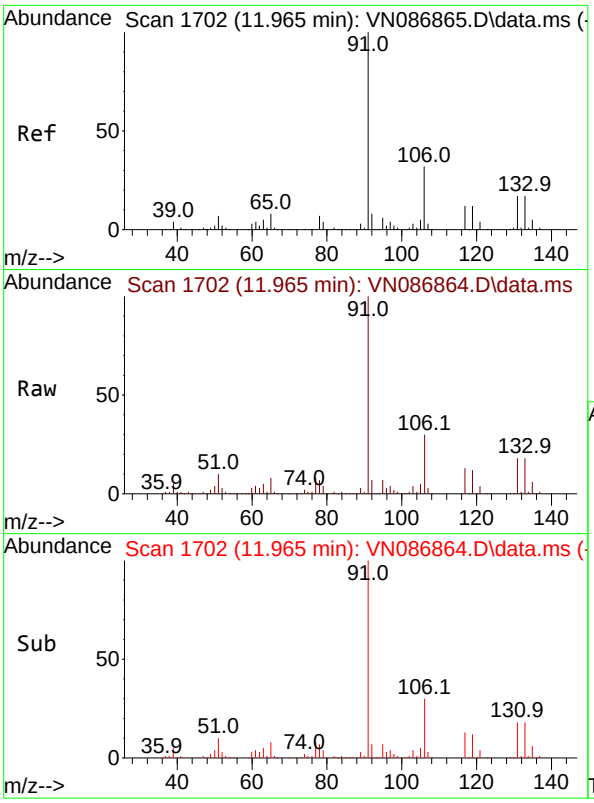


#66
1,1,1,2-Tetrachloroethane
Concen: 20.223 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:131 Resp: 52069

Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.3	144.8
119	69.6	34.0	101.8



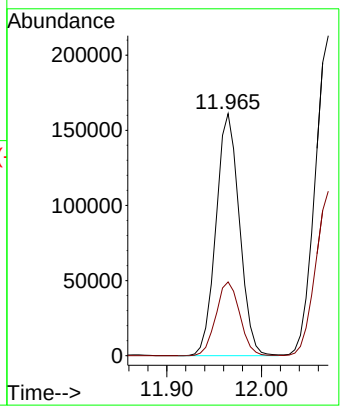


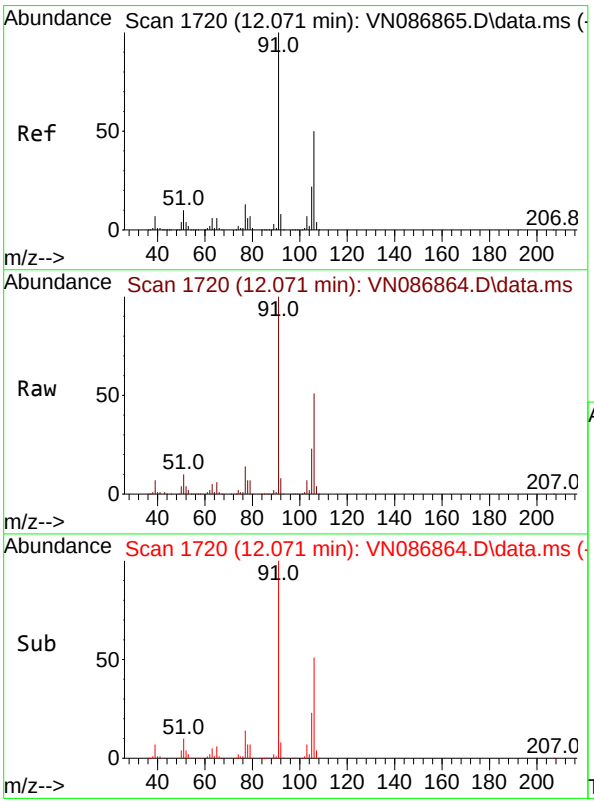
#67
Ethyl Benzene
Concen: 20.083 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 277087

Ion	Ratio	Lower	Upper
91	100		
106	30.5	25.4	38.2

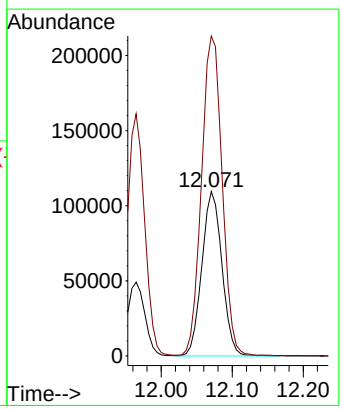


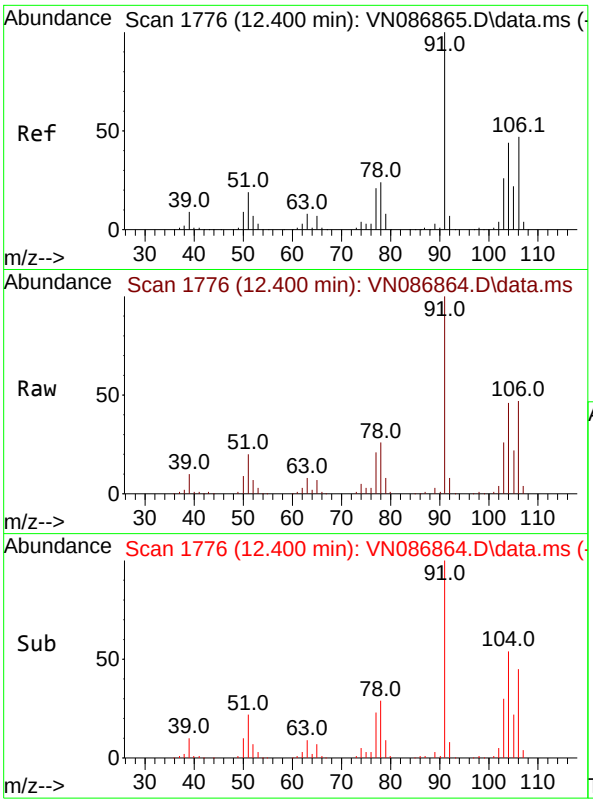


#68
m/p-Xylenes
Concen: 40.780 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:106 Resp: 215378

Ion	Ratio	Lower	Upper
106	100		
91	199.8	159.4	239.0



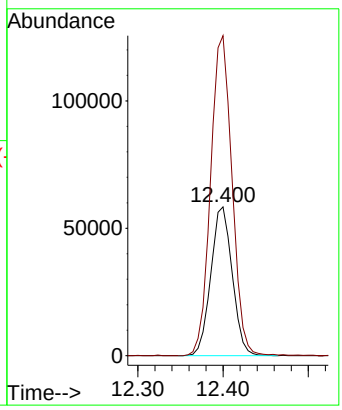


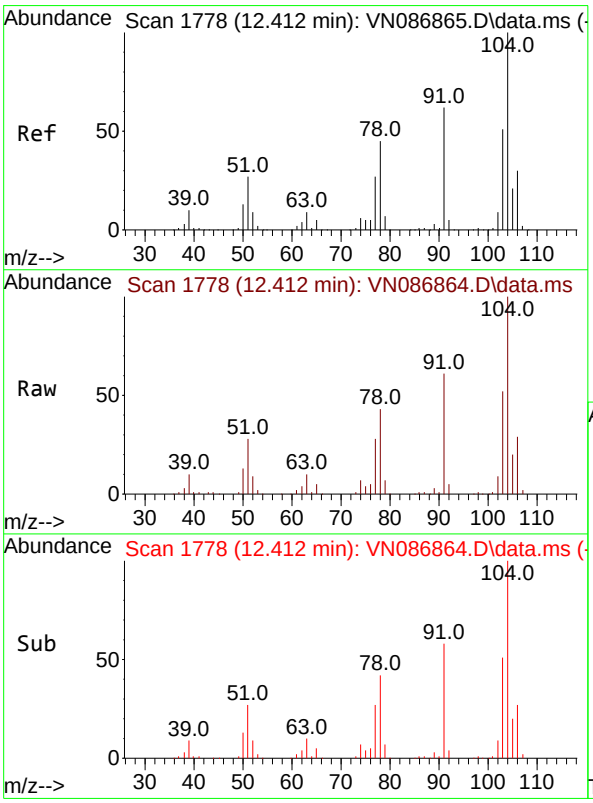
#69
o-Xylene
Concen: 20.175 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 102050

Ion	Ratio	Lower	Upper
106	100		
91	215.9	106.1	318.1

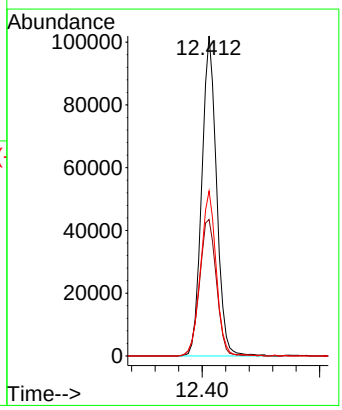


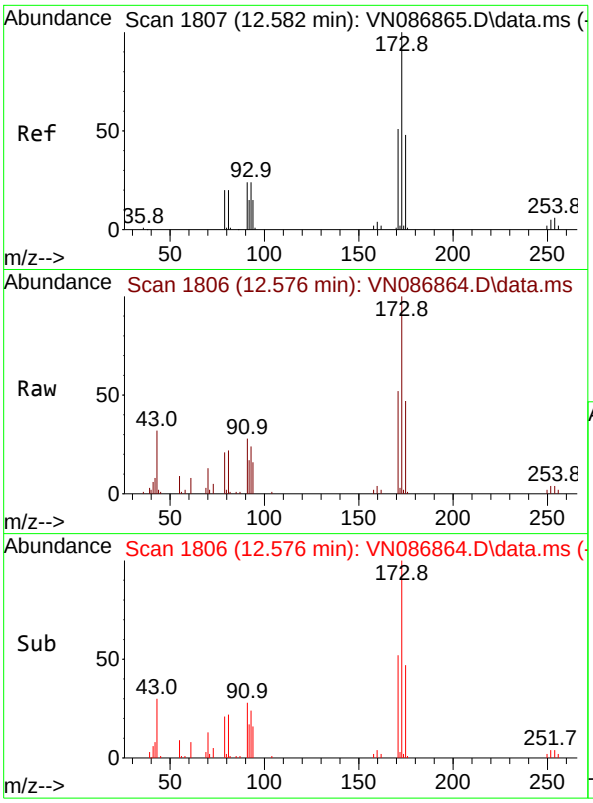


#70
Styrene
Concen: 20.572 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:104 Resp: 178061

Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.5	57.7
103	54.4	43.1	64.7



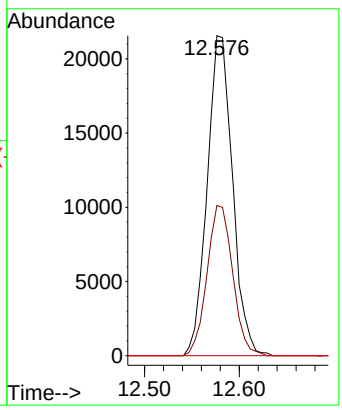


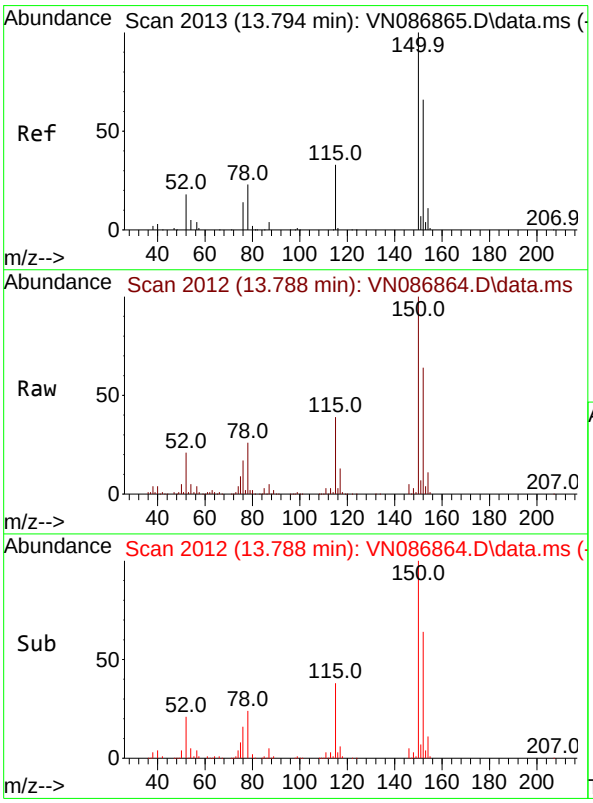
#71
Bromoform
Concen: 21.004 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 40070

Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.1	72.4
254	0.0	0.0	0.0

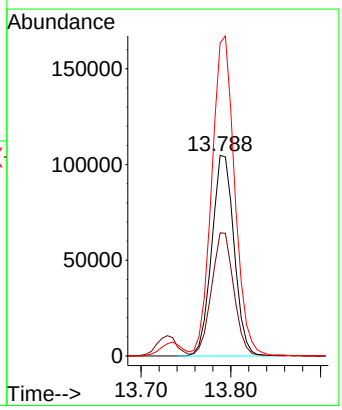


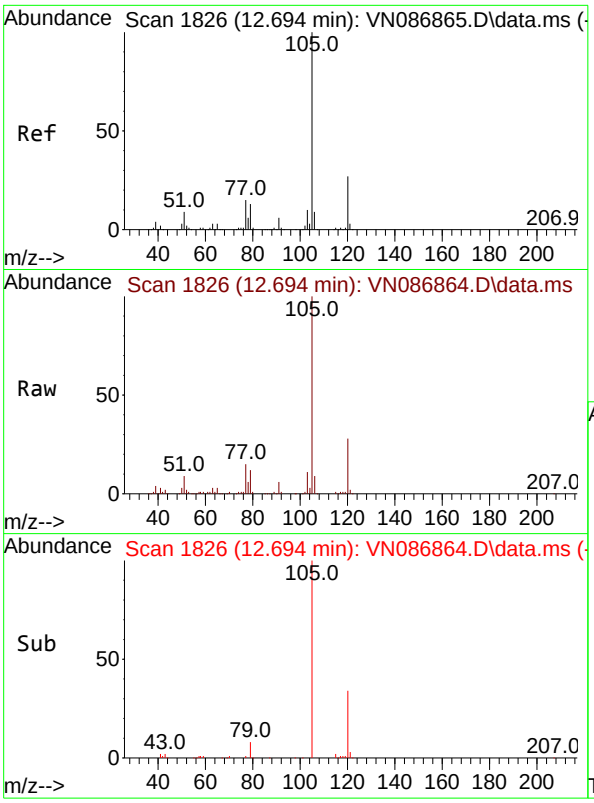


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:152 Resp: 181178

Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.1	90.5
150	164.5	0.0	345.0



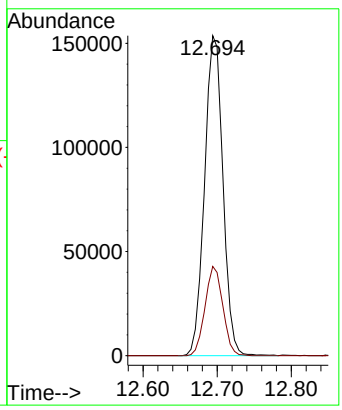


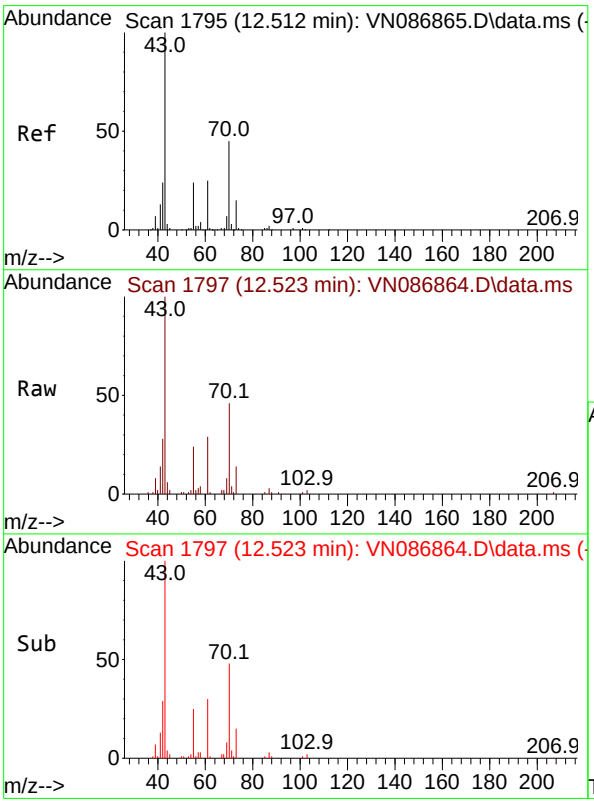
#73
Isopropylbenzene
Concen: 20.035 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 264442

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4

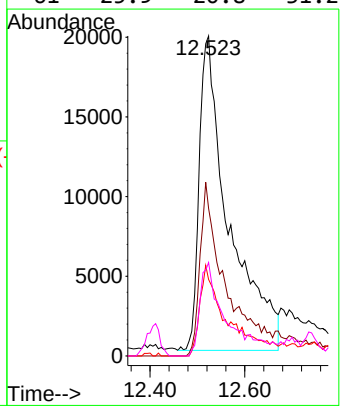


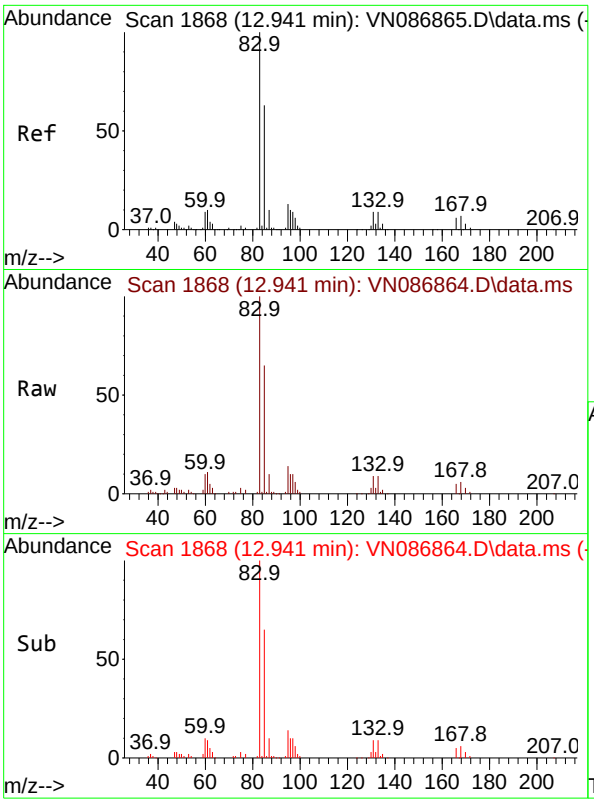


#74
N-amyl acetate
Concen: 19.633 ug/l
RT: 12.523 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 86003

Ion	Ratio	Lower	Upper
43	100		
70	47.7	37.6	56.4
55	26.6	19.0	28.6
61	25.9	20.8	31.2



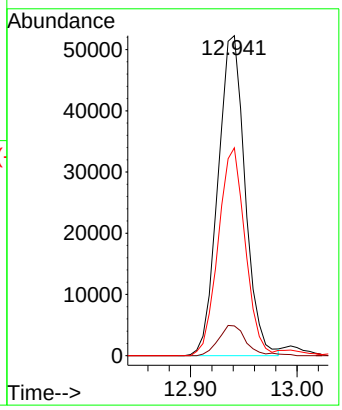


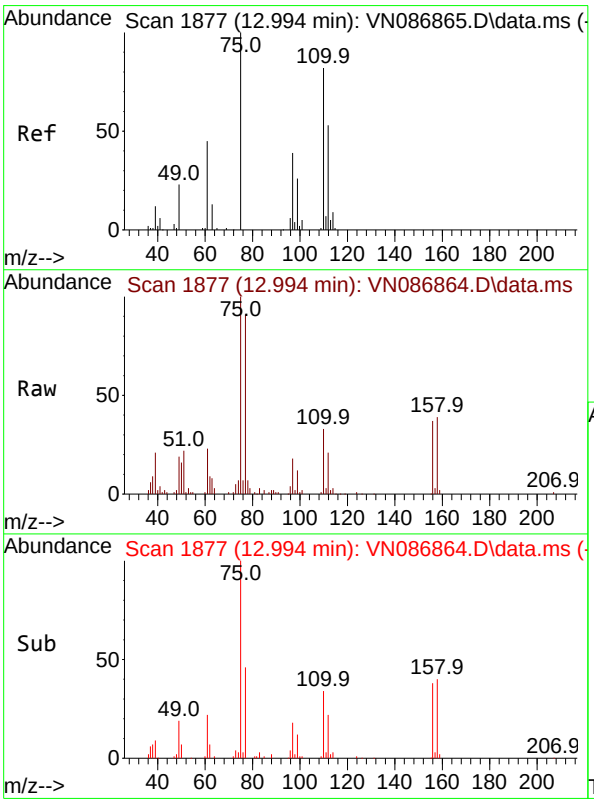
#75
1,1,2,2-Tetrachloroethane
Concen: 20.634 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 92264

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.5	32.0	96.0

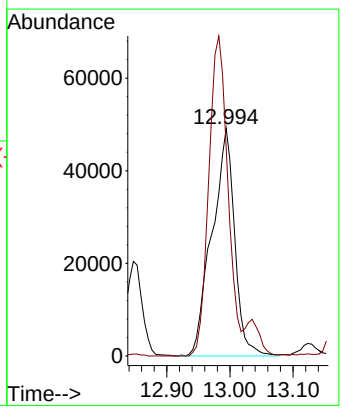


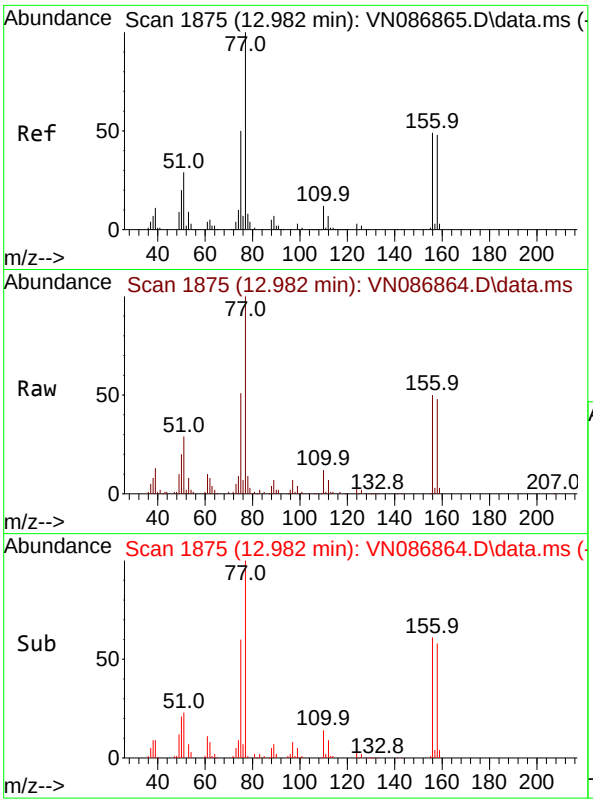


#76
1,2,3-Trichloropropane
Concen: 28.448 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 122897

Ion	Ratio	Lower	Upper
75	100		
77	117.5	79.3	237.9



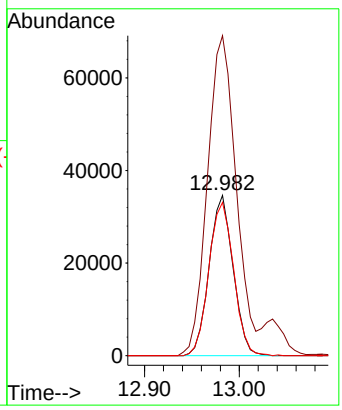


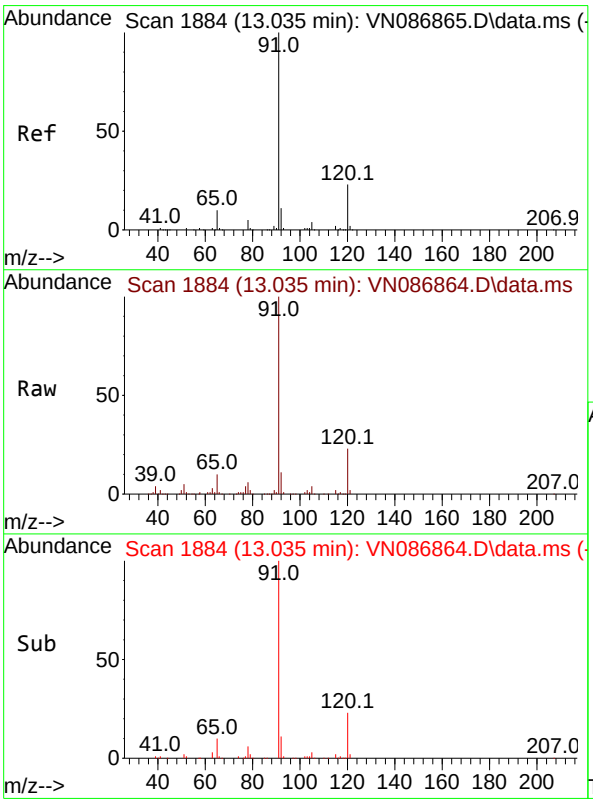
#77
Bromobenzene
Concen: 20.111 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 60877

Ion	Ratio	Lower	Upper
156	100		
77	237.3	117.7	353.1
158	99.0	48.1	144.4

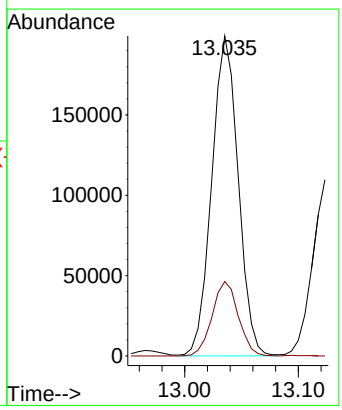


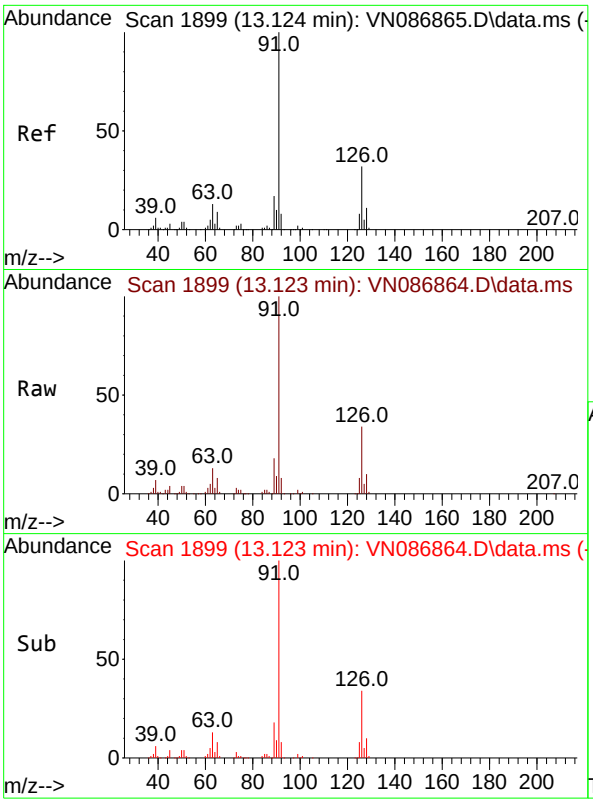


#78
n-propylbenzene
Concen: 20.102 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 91 Resp: 322436

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2



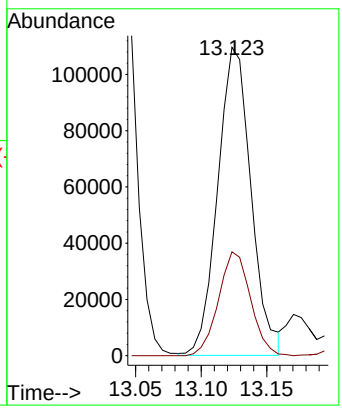


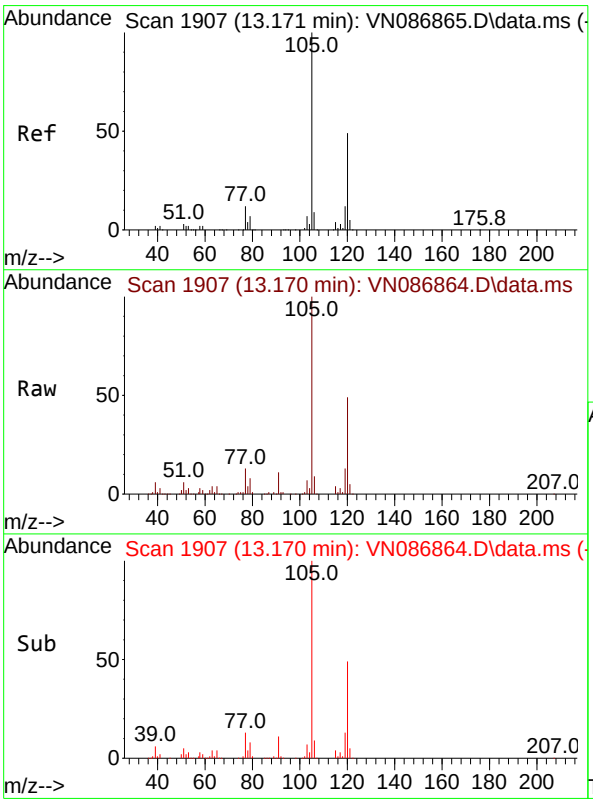
#79
2-Chlorotoluene
Concen: 20.144 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 193774

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.2	48.5

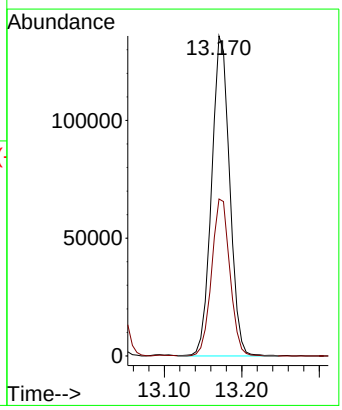


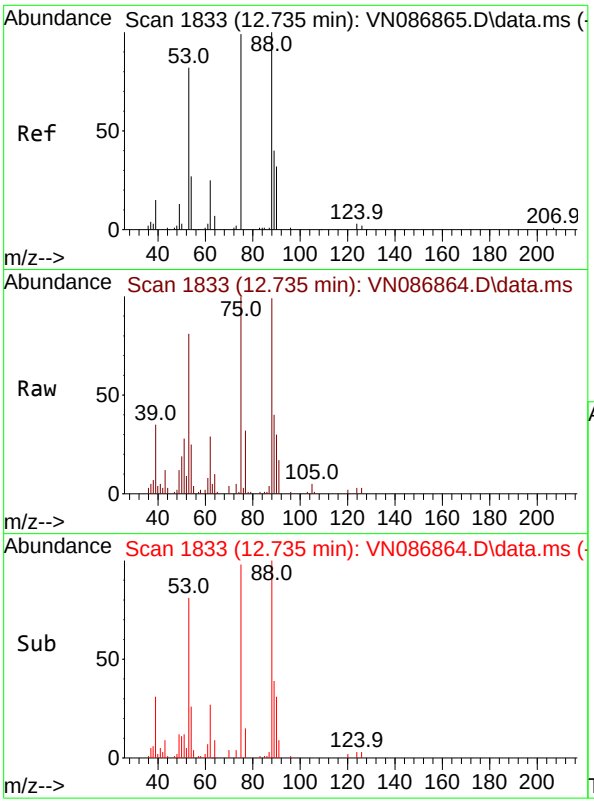


#80
1,3,5-Trimethylbenzene
Concen: 20.183 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:105 Resp: 219937

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.9	74.6



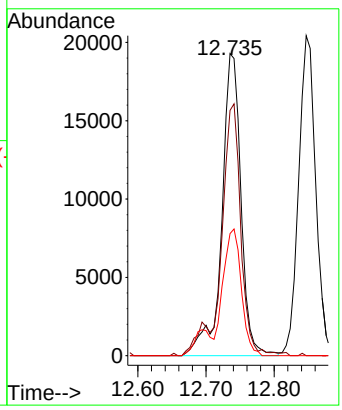


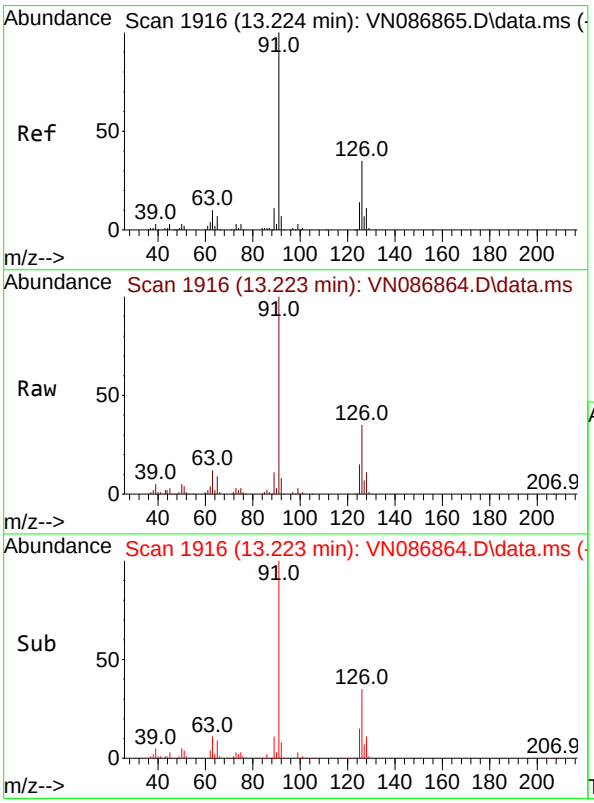
#81
trans-1,4-Dichloro-2-butene
Concen: 20.209 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 37808

Ion	Ratio	Lower	Upper
75	100		
53	77.3	66.6	99.8
89	39.6	36.7	55.1

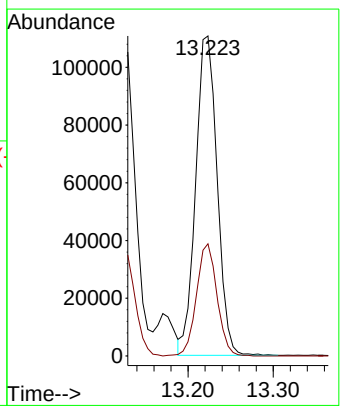


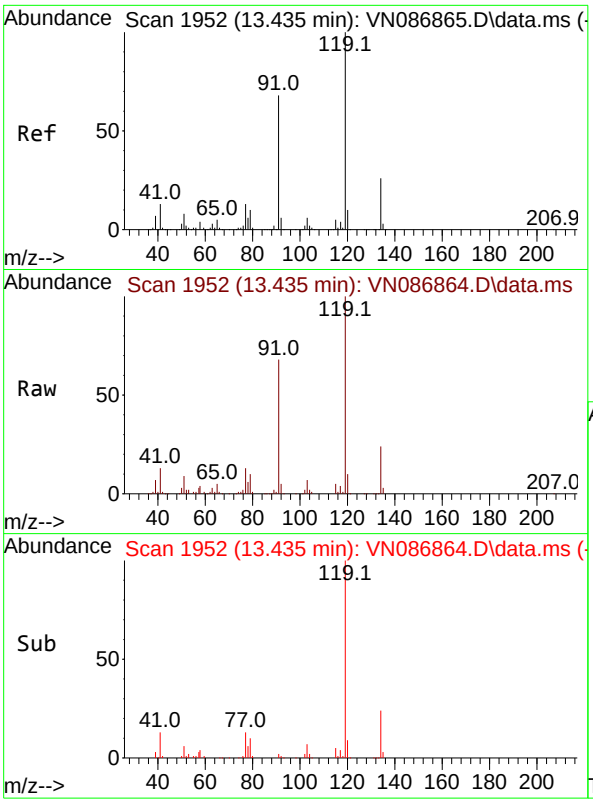


#82
4-Chlorotoluene
Concen: 19.885 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 91 Resp: 193544

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.7	50.1



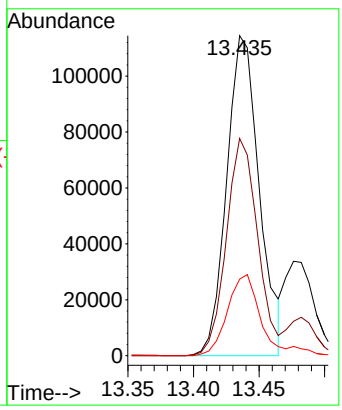


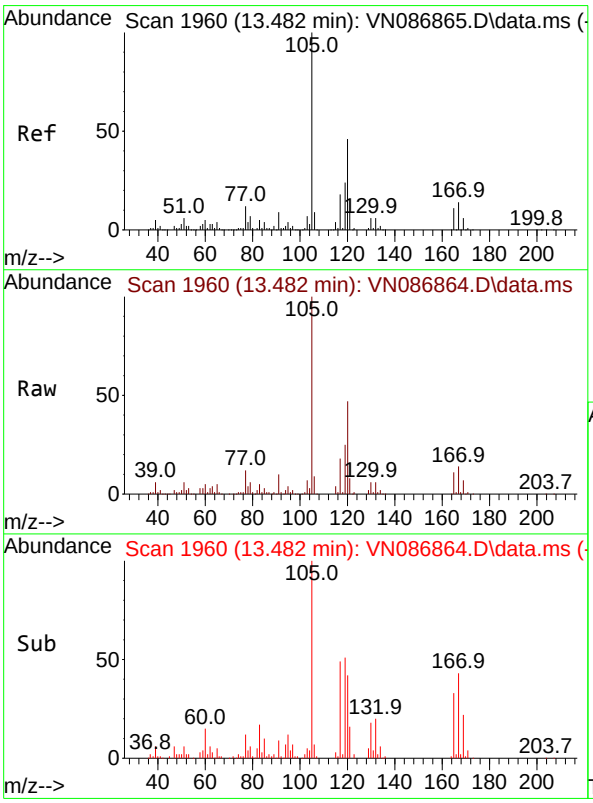
#83
tert-Butylbenzene
Concen: 19.880 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 198303

Ion	Ratio	Lower	Upper
119	100		
91	65.2	32.1	96.5
134	26.5	13.4	40.1

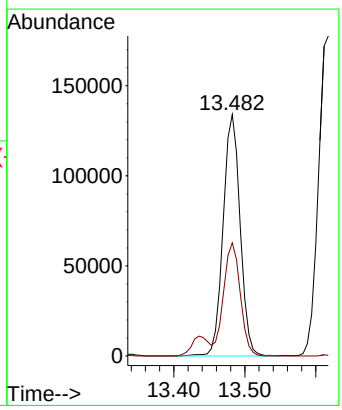


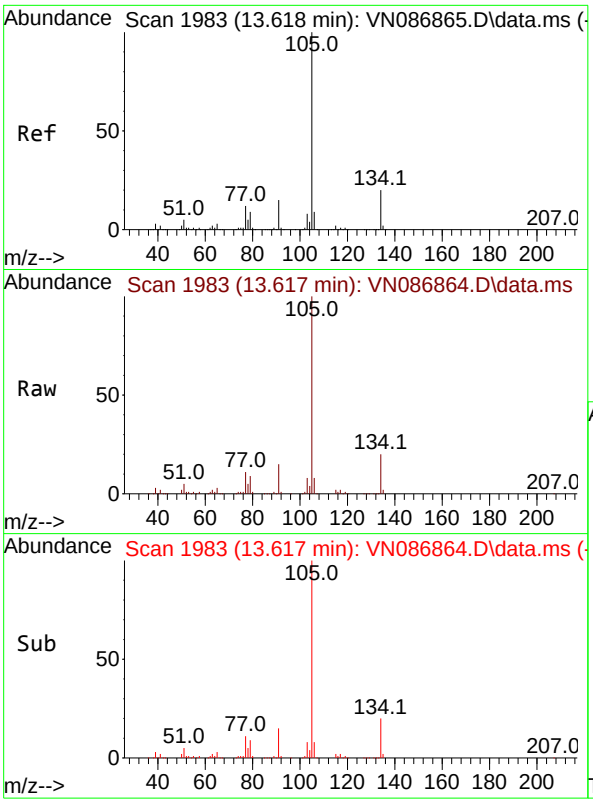


#84
1,2,4-Trimethylbenzene
Concen: 20.315 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:105 Resp: 221990

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.2	69.6



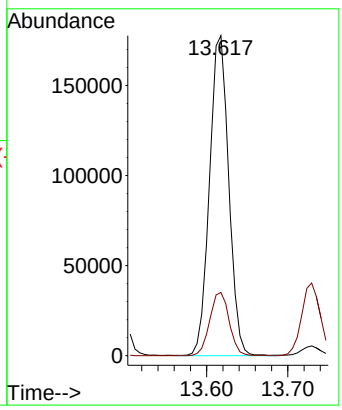


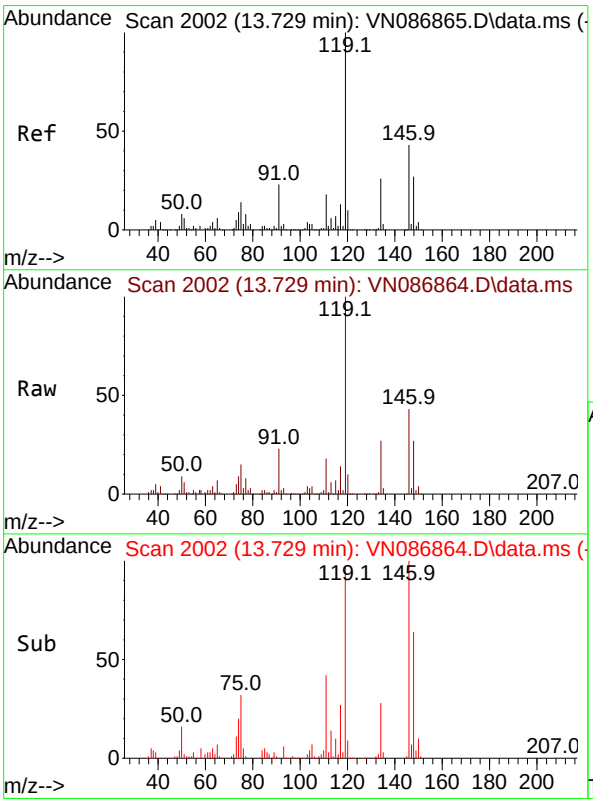
#85
sec-Butylbenzene
Concen: 20.196 ug/l
RT: 13.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 292563

Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.0	30.0

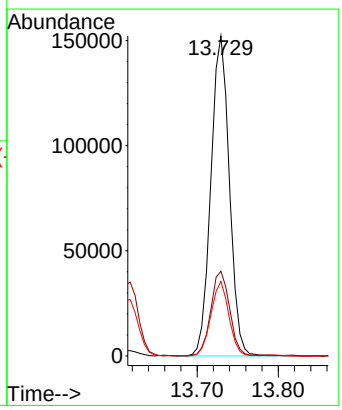


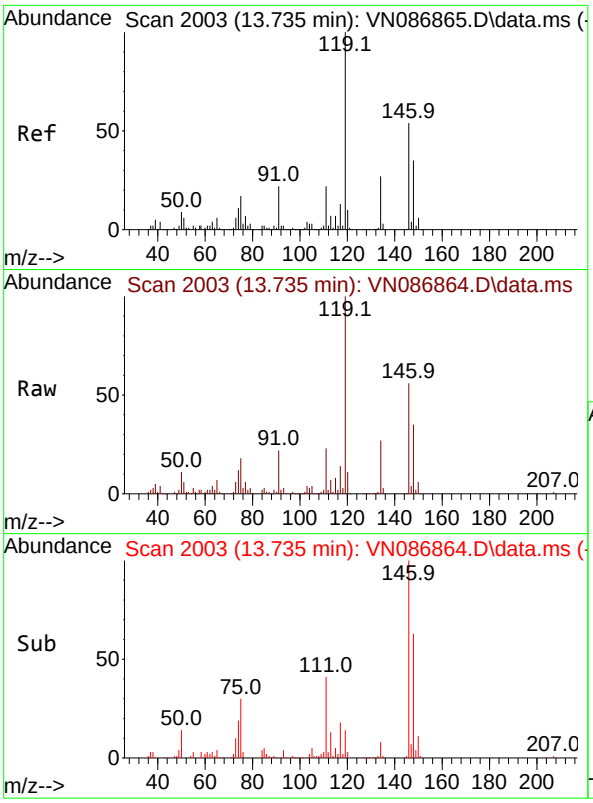


#86
p-Isopropyltoluene
Concen: 20.099 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:119 Resp: 240682

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.5	40.4
91	22.7	11.5	34.4



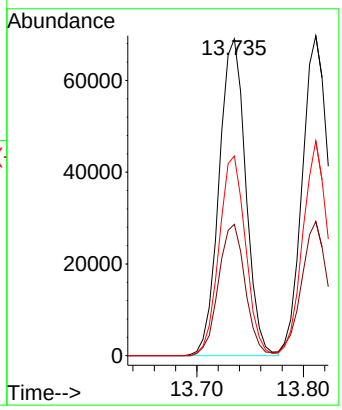


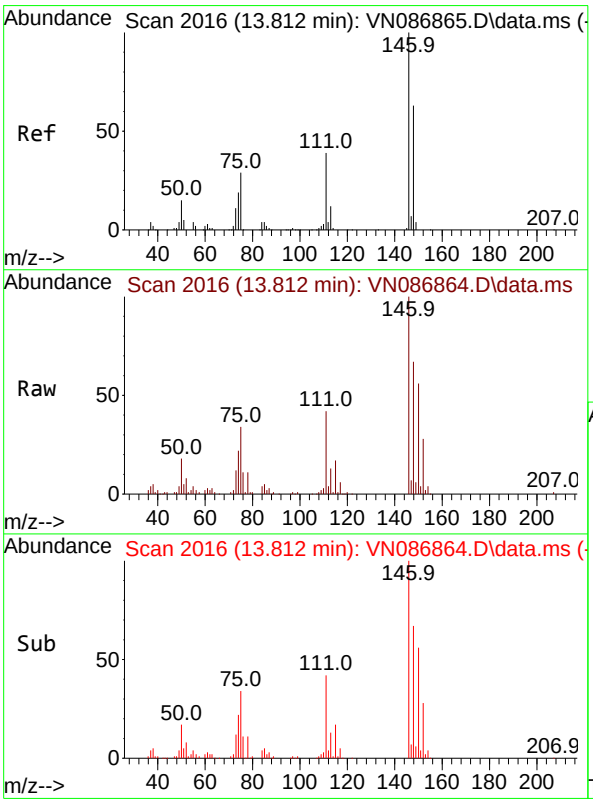
#87
1,3-Dichlorobenzene
Concen: 20.166 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 120099

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.9	62.8
148	62.5	32.0	96.2

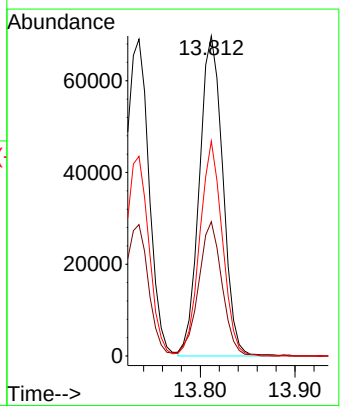


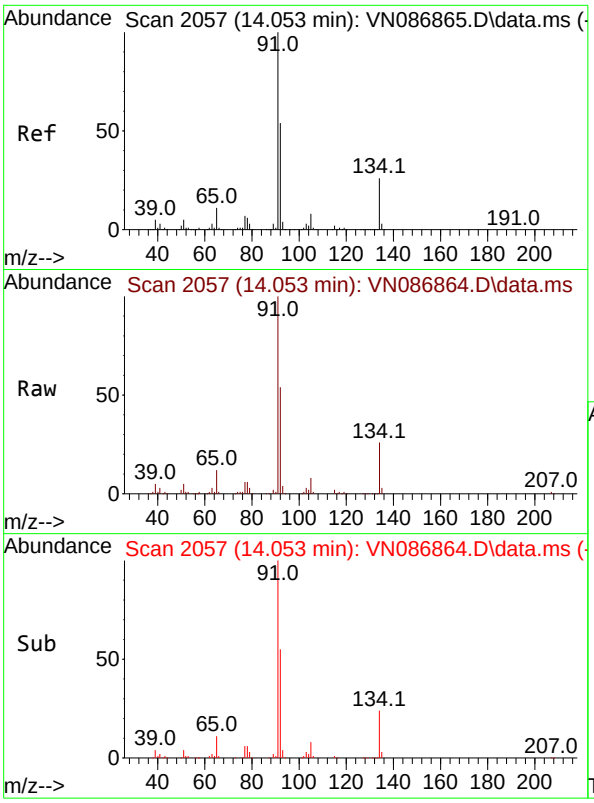


#88
1,4-Dichlorobenzene
Concen: 19.780 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:146 Resp: 120102

Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.9	59.7
148	64.7	31.8	95.4



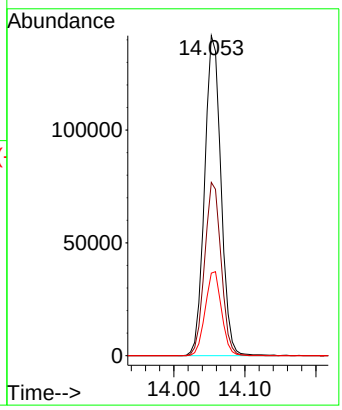


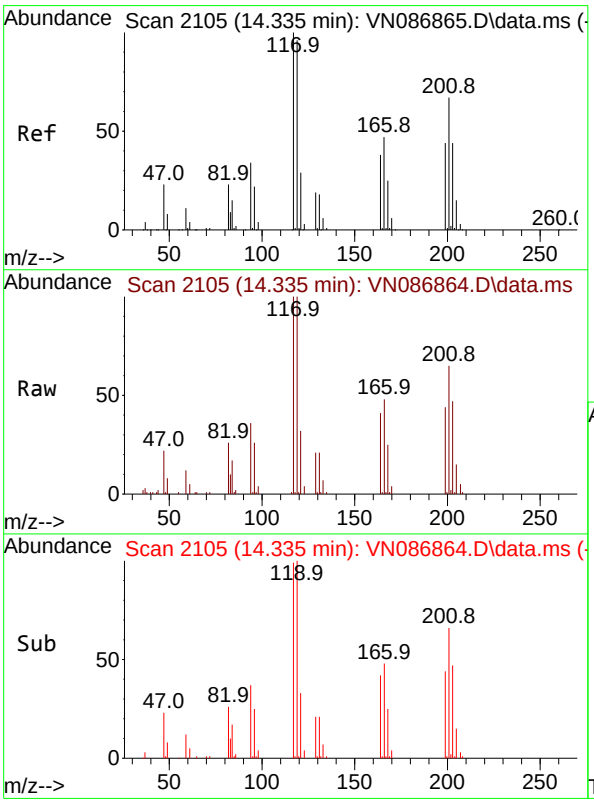
#89
n-Butylbenzene
Concen: 19.617 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 227536

Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.5	82.4
134	26.2	13.0	39.0

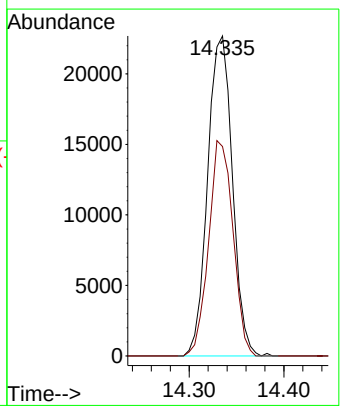


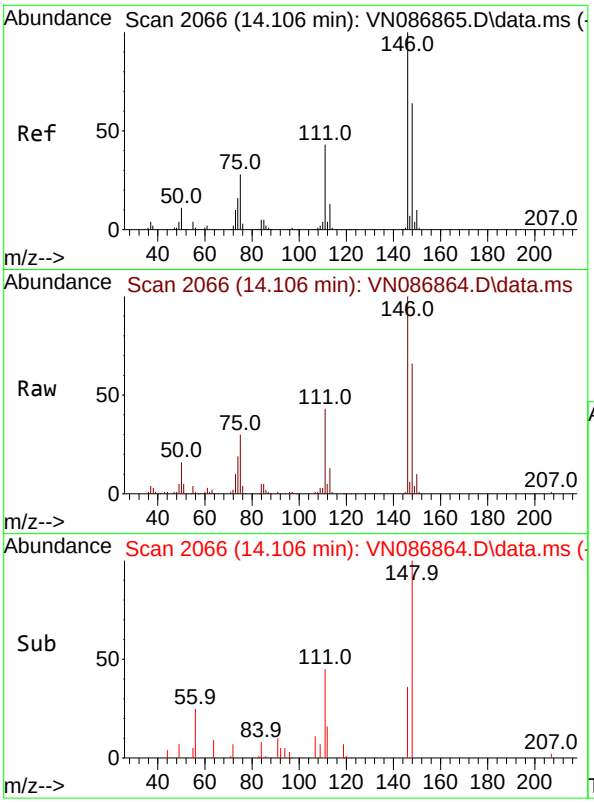


#90
Hexachloroethane
Concen: 20.299 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:117 Resp: 41202

Ion	Ratio	Lower	Upper
117	100		
201	66.2	33.2	99.6



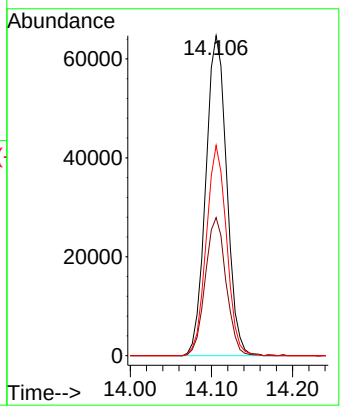


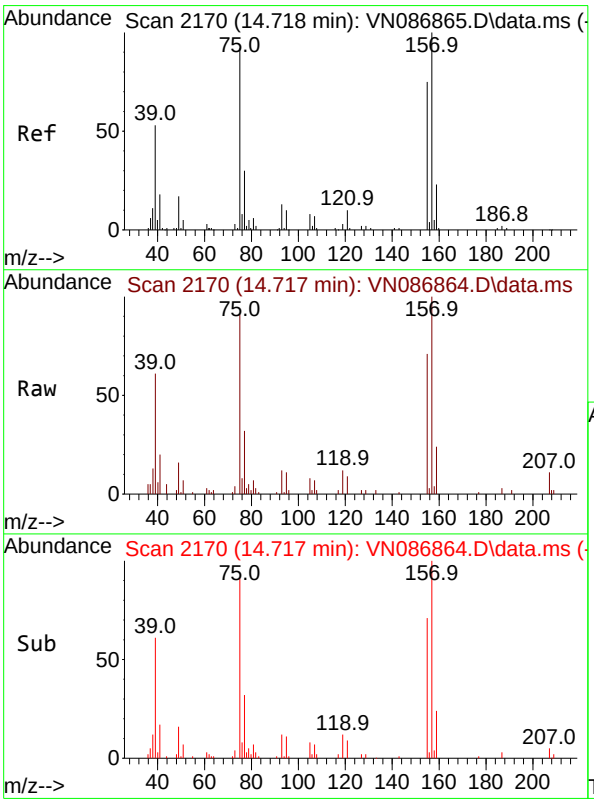
#91
1,2-Dichlorobenzene
Concen: 20.212 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 115645

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	64.6
148	63.9	31.7	95.1

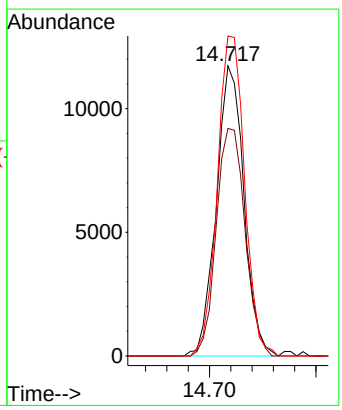


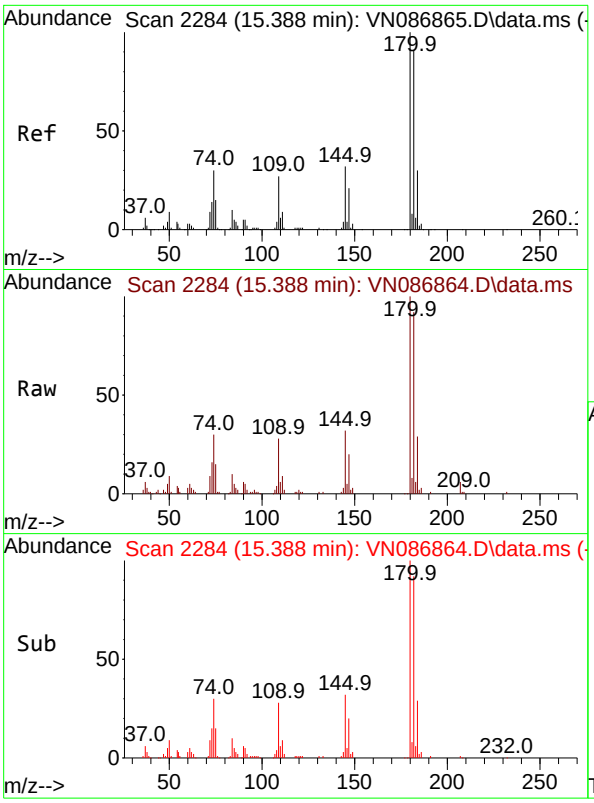


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.661 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 21025

Ion	Ratio	Lower	Upper
75	100		
155	81.8	41.1	123.4
157	109.0	52.7	158.1



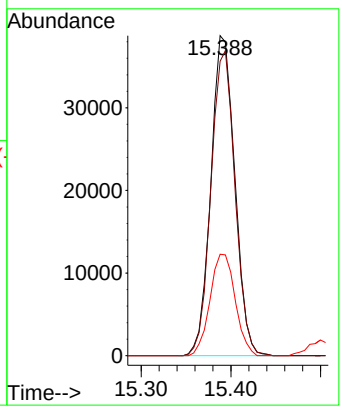


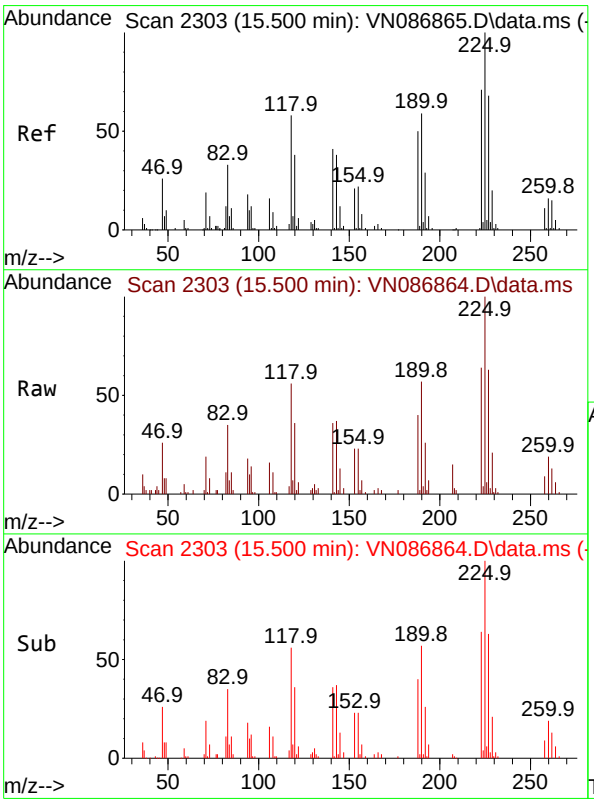
#93
1,2,4-Trichlorobenzene
Concen: 19.659 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 71826

Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.9	140.7
145	33.3	16.0	47.9

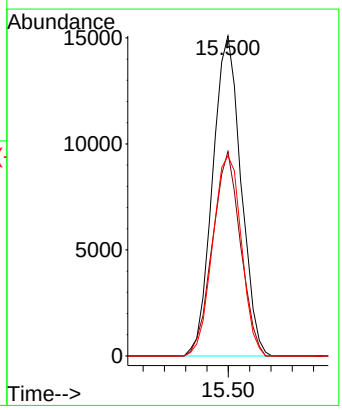


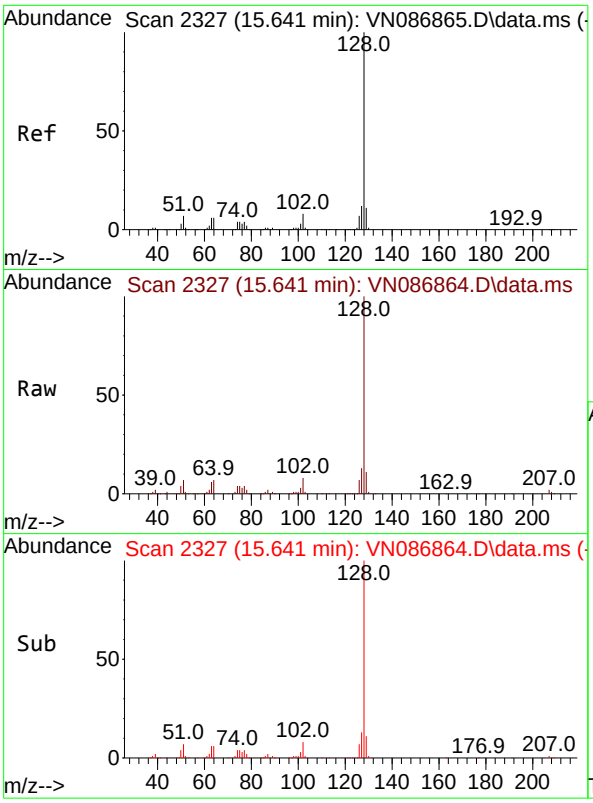


#94
Hexachlorobutadiene
Concen: 20.486 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:225 Resp: 27887

Ion	Ratio	Lower	Upper
225	100		
223	63.0	33.5	100.4
227	63.3	31.1	93.5



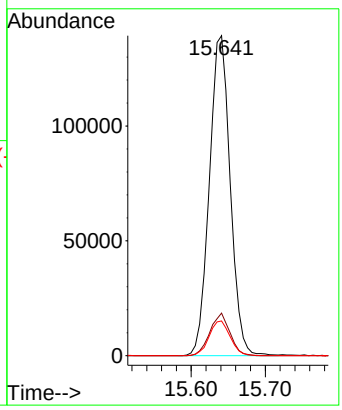


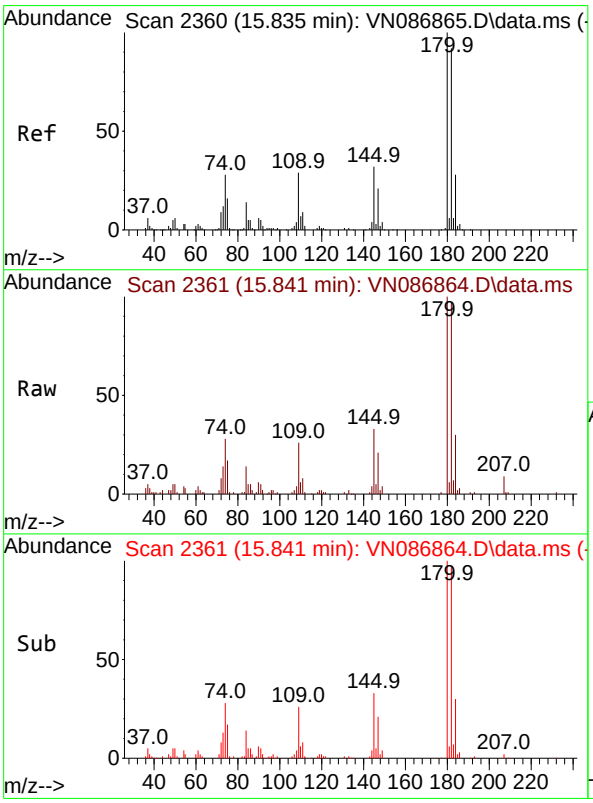
#95
Naphthalene
Concen: 20.043 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 272584

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

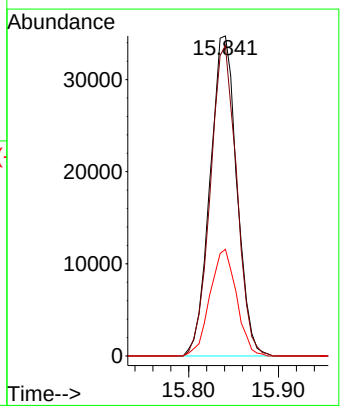




#96
1,2,3-Trichlorobenzene
Concen: 19.815 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:180 Resp: 71929

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.0	141.0
145	33.1	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.236	168	207354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	378587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	103736	37.366	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	74.740%		
35) Dibromofluoromethane	8.171	113	83058	37.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	74.040%#		
50) Toluene-d8	10.571	98	326105	36.716	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	73.440%#		
62) 4-Bromofluorobenzene	12.847	95	122965	37.264	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	74.520%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	103958	50.283	ug/l	100
3) Chloromethane	2.395	50	123866	46.397	ug/l	100
4) Vinyl Chloride	2.554	62	132783	48.215	ug/l	100
5) Bromomethane	2.995	94	73974	47.999	ug/l	100
6) Chloroethane	3.154	64	84505	47.504	ug/l	100
7) Trichlorofluoromethane	3.524	101	172860	48.041	ug/l	100
8) Diethyl Ether	3.983	74	75193	47.963	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.395	101	107695	47.640	ug/l	100
10) Methyl Iodide	4.606	142	141678	48.346	ug/l	100
11) Tert butyl alcohol	5.548	59	182315	242.020	ug/l	100
12) 1,1-Dichloroethene	4.359	96	110549	47.900	ug/l	100
13) Acrolein	4.201	56	47026	197.217	ug/l	100
14) Allyl chloride	5.042	41	179313	46.848	ug/l	100
15) Acrylonitrile	5.742	53	421941	239.638	ug/l	100
16) Acetone	4.448	43	333857	226.765	ug/l	100
17) Carbon Disulfide	4.730	76	295753	46.328	ug/l	100
18) Methyl Acetate	5.042	43	204538	47.673	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	400775	47.960	ug/l	100
20) Methylene Chloride	5.295	84	125498	45.531	ug/l	100
21) trans-1,2-Dichloroethene	5.806	96	117660	45.822	ug/l	100
22) Diisopropyl ether	6.689	45	384939	47.711	ug/l	100
23) Vinyl Acetate	6.618	43	1649023	241.910	ug/l	100
24) 1,1-Dichloroethane	6.583	63	220477	47.485	ug/l	100
25) 2-Butanone	7.494	43	571221	238.693	ug/l	100
26) 2,2-Dichloropropane	7.500	77	187567	51.933	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	144911	47.189	ug/l	100
28) Bromochloromethane	7.824	49	96707	42.362	ug/l	100
29) Tetrahydrofuran	7.853	42	371357	238.210	ug/l	100
30) Chloroform	7.977	83	220093	47.467	ug/l	100
31) Cyclohexane	8.271	56	208105	46.217	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	185502	47.037	ug/l	100
36) 1,1-Dichloropropene	8.377	75	158341	47.362	ug/l	100
37) Ethyl Acetate	7.577	43	203091	47.720	ug/l	100
38) Carbon Tetrachloride	8.371	117	154677	47.126	ug/l	100
39) Methylcyclohexane	9.606	83	215849	47.126	ug/l	100
40) Benzene	8.612	78	509334	46.590	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	114727	48.000	ug/l		100
42) 1,2-Dichloroethane	8.677	62	155713	46.960	ug/l		100
43) Isopropyl Acetate	8.694	43	322741	47.248	ug/l		100
44) Trichloroethene	9.359	130	123847	47.776	ug/l		100
45) 1,2-Dichloropropane	9.630	63	125673	47.251	ug/l		100
46) Dibromomethane	9.718	93	83811	47.442	ug/l		100
47) Bromodichloromethane	9.894	83	173200	47.651	ug/l		100
48) Methyl methacrylate	9.683	41	149019	47.399	ug/l		100
49) 1,4-Dioxane	9.700	88	59060	1032.607	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.447	43	1017688	247.484	ug/l		100
52) Toluene	10.635	92	316219	47.331	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	197475	48.587	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	208523	47.950	ug/l		100
55) 1,1,2-Trichloroethane	11.018	97	121969	47.445	ug/l		100
56) Ethyl methacrylate	10.882	69	210467	51.401	ug/l		100
57) 1,3-Dichloropropane	11.165	76	212243	47.593	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	519139	212.570	ug/l		100
59) 2-Hexanone	11.200	43	696567	262.977	ug/l		100
60) Dibromochloromethane	11.359	129	128715	48.056	ug/l		100
61) 1,2-Dibromoethane	11.471	107	124522	47.258	ug/l		100
64) Tetrachloroethene	11.106	164	97679	46.382	ug/l		100
65) Chlorobenzene	11.894	112	340439	46.386	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.965	131	112333	47.615	ug/l		100
67) Ethyl Benzene	11.965	91	597593	47.271	ug/l		100
68) m/p-Xylenes	12.071	106	466620	96.424	ug/l		100
69) o-Xylene	12.400	106	224299	48.395	ug/l		100
70) Styrene	12.412	104	386596	48.745	ug/l		100
71) Bromoform	12.582	173	88127	50.415	ug/l	#	100
73) Isopropylbenzene	12.694	105	573905	47.023	ug/l		100
74) N-amyl acetate	12.512	43	212064	52.353	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.941	83	197360	47.732	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	267483	66.959	ug/l		68
77) Bromobenzene	12.982	156	132381	47.296	ug/l		100
78) n-propylbenzene	13.035	91	705524	47.567	ug/l		100
79) 2-Chlorotoluene	13.124	91	419986	47.216	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	485499	48.181	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	79732	46.089	ug/l		100
82) 4-Chlorotoluene	13.224	91	424066	47.117	ug/l		100
83) tert-Butylbenzene	13.435	119	438417	47.531	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	488189	48.314	ug/l		100
85) sec-Butylbenzene	13.618	105	641523	47.893	ug/l		100
86) p-Isopropyltoluene	13.729	119	533366	48.169	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	260310	47.269	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	263358	46.907	ug/l		100
89) n-Butylbenzene	14.053	91	512519	47.787	ug/l		100
90) Hexachloroethane	14.335	117	89896	47.896	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	251235	47.486	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	45535	46.049	ug/l		100
93) 1,2,4-Trichlorobenzene	15.388	180	162374	48.061	ug/l		100
94) Hexachlorobutadiene	15.500	225	60866	48.356	ug/l		100
95) Naphthalene	15.641	128	603088	47.958	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	159113	47.402	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

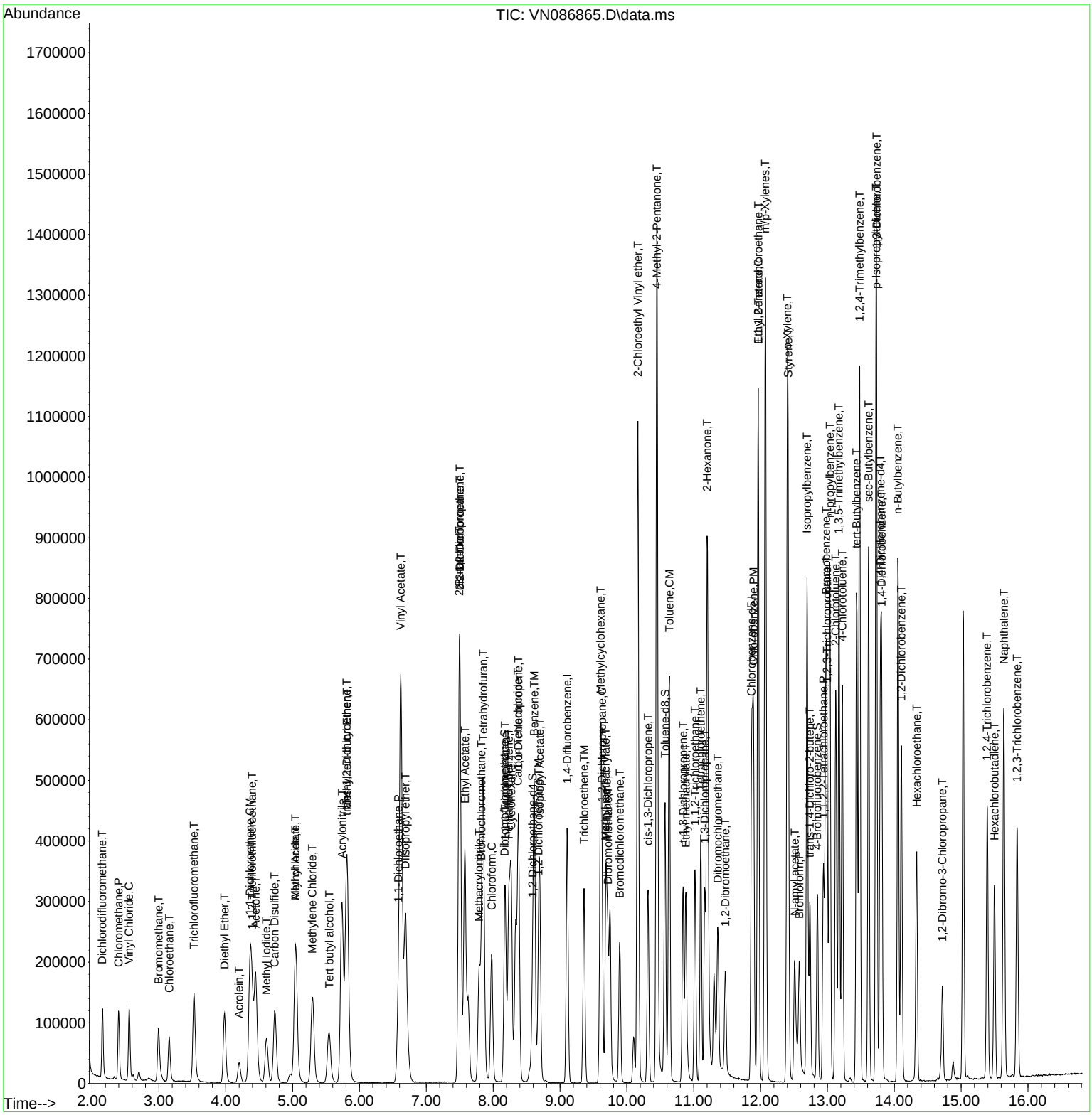
(#) = qualifier out of range (m) = manual integration (+) = signals summed

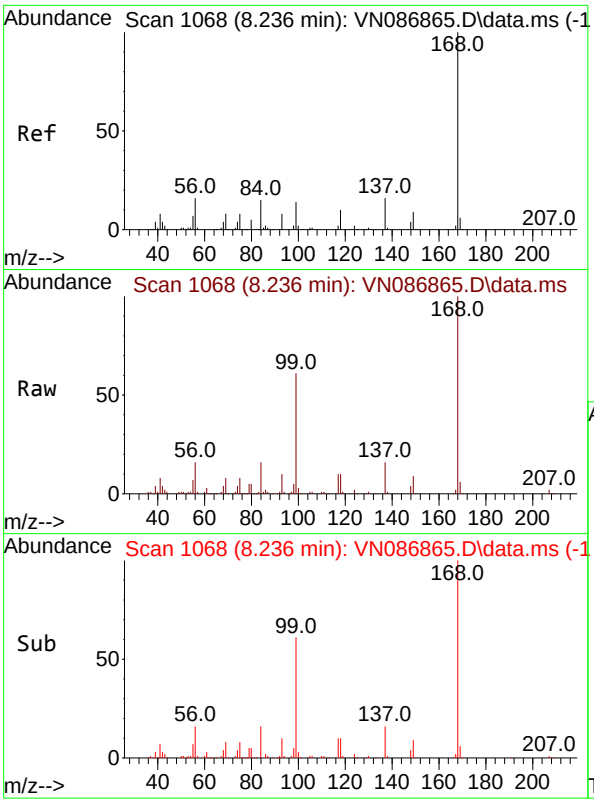
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086865.D
Acq On : 06 Jun 2025 14:03
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Jun 07 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration



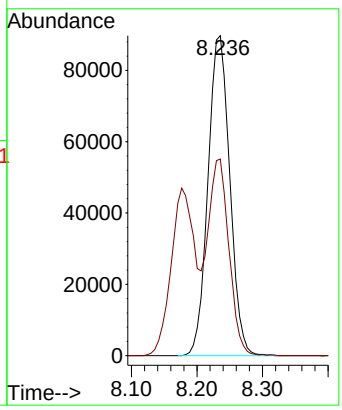


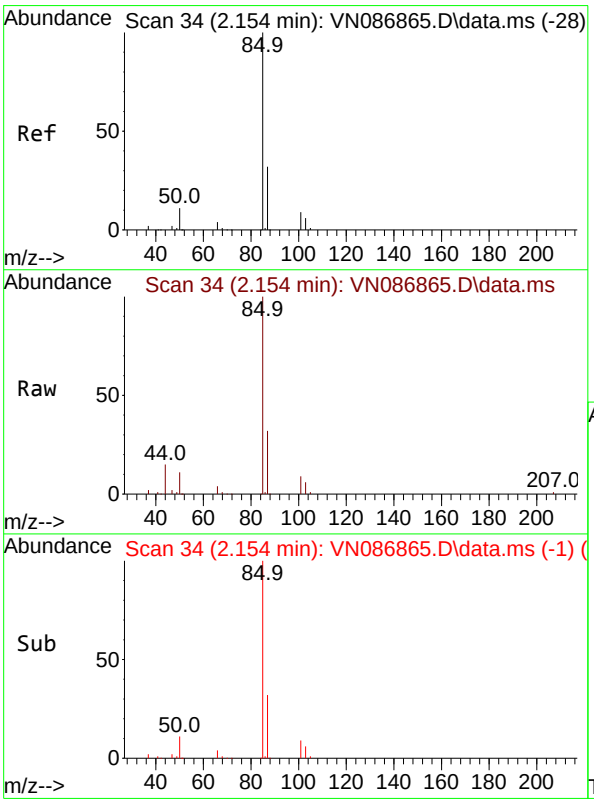
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 207354

Ion	Ratio	Lower	Upper
168	100		
99	61.4	49.1	73.7

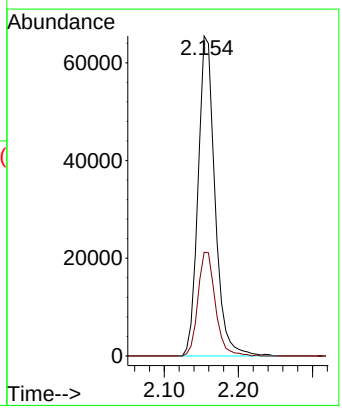


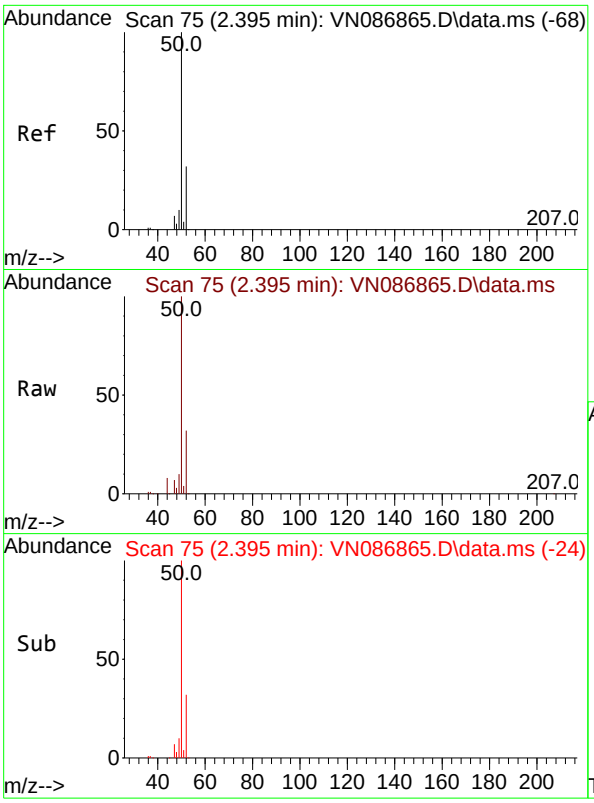


#2
Dichlorodifluoromethane
Concen: 50.283 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 85 Resp: 103958

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.2	48.6



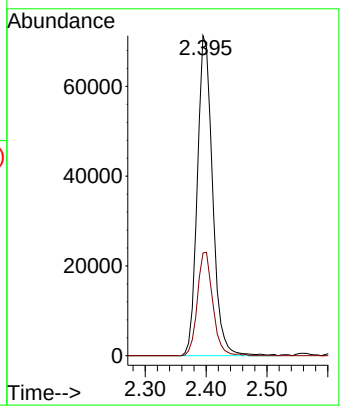


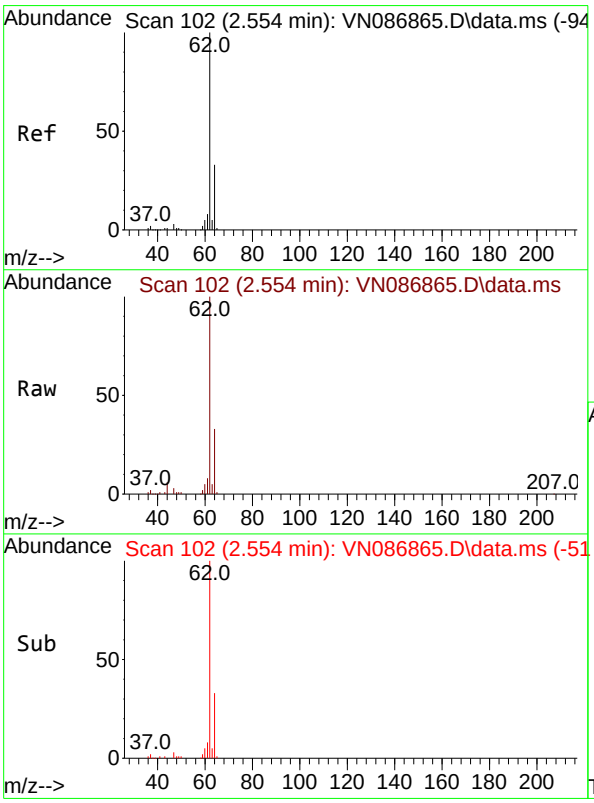
#3
Chloromethane
Concen: 46.397 ug/l
RT: 2.395 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 123866

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.7	38.5

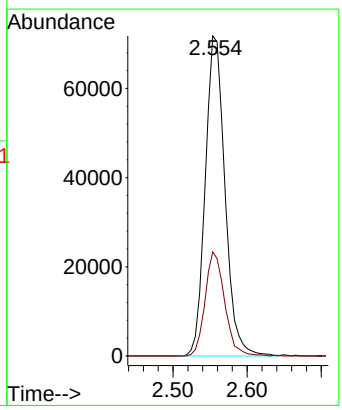


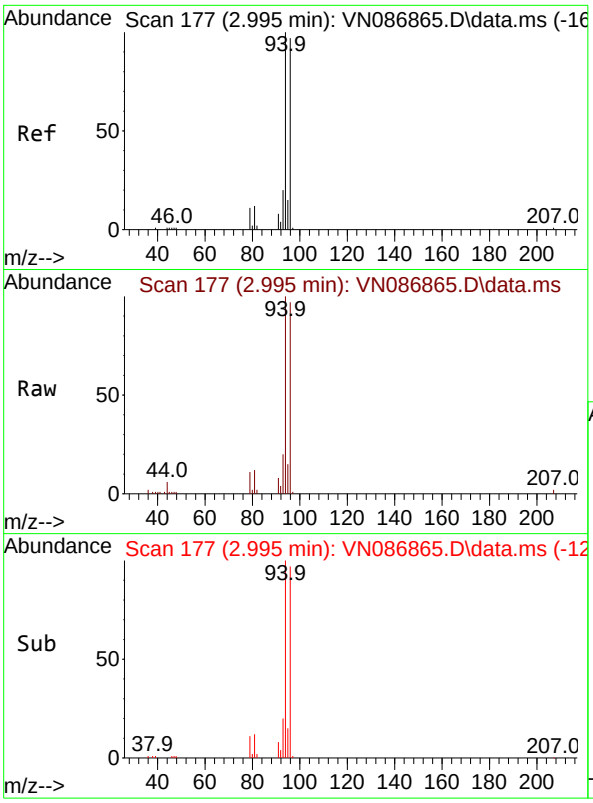


#4
Vinyl Chloride
Concen: 48.215 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 62 Resp: 132783

Ion	Ratio	Lower	Upper
62	100		
64	32.5	26.0	39.0



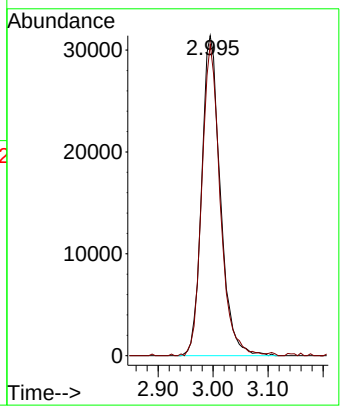


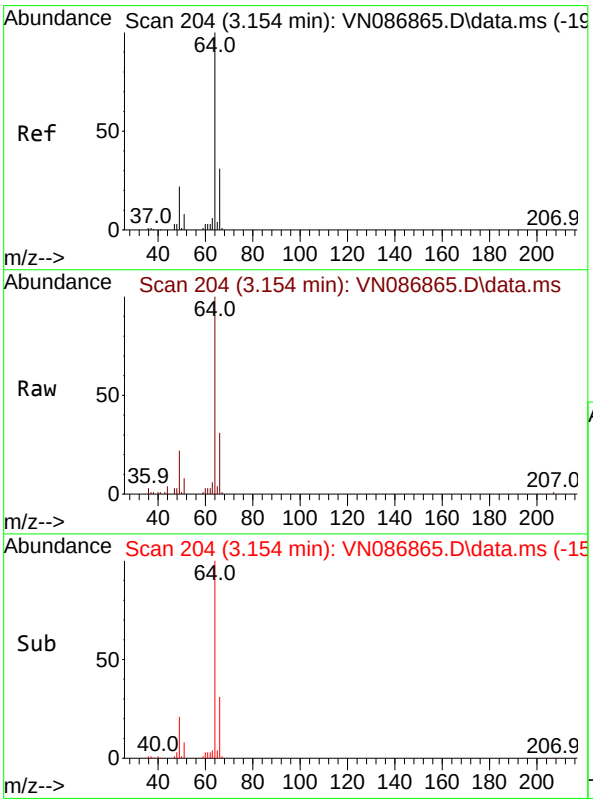
#5
Bromomethane
Concen: 47.999 ug/l
RT: 2.995 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 73974

Ion	Ratio	Lower	Upper
94	100		
96	97.4	77.9	116.9

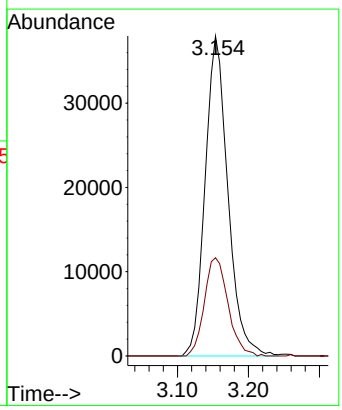


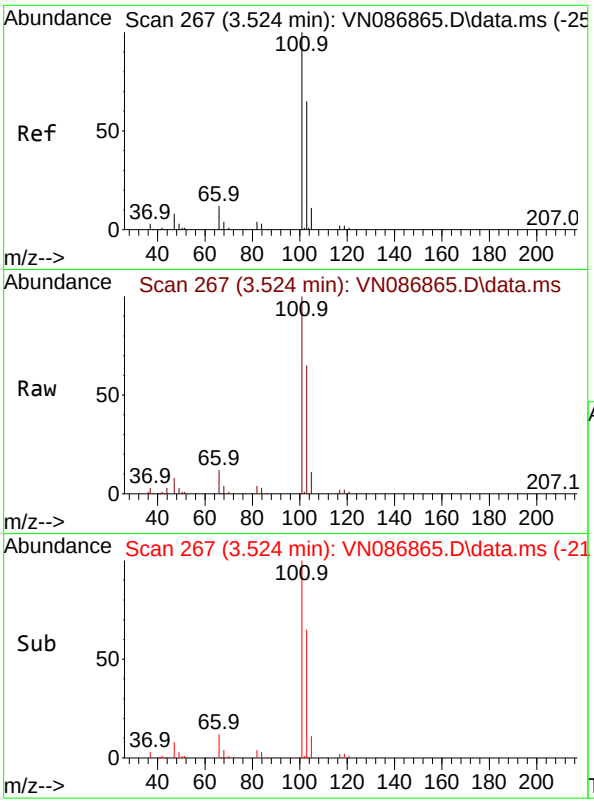


#6
Chloroethane
Concen: 47.504 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 64 Resp: 84505

Ion	Ratio	Lower	Upper
64	100		
66	30.7	24.6	36.8



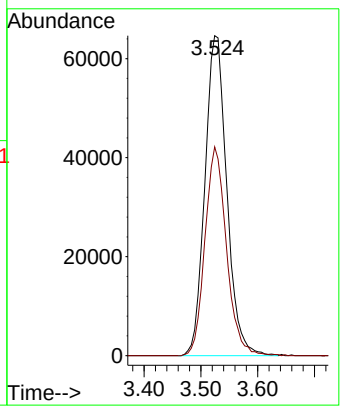


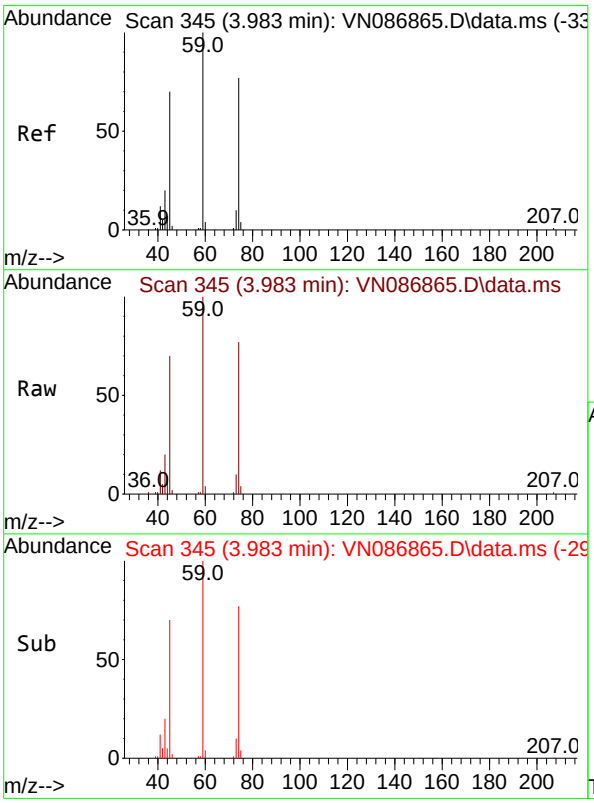
#7
Trichlorofluoromethane
Concen: 48.041 ug/l
RT: 3.524 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 172860

Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.2

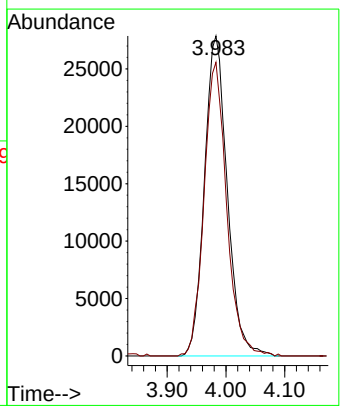


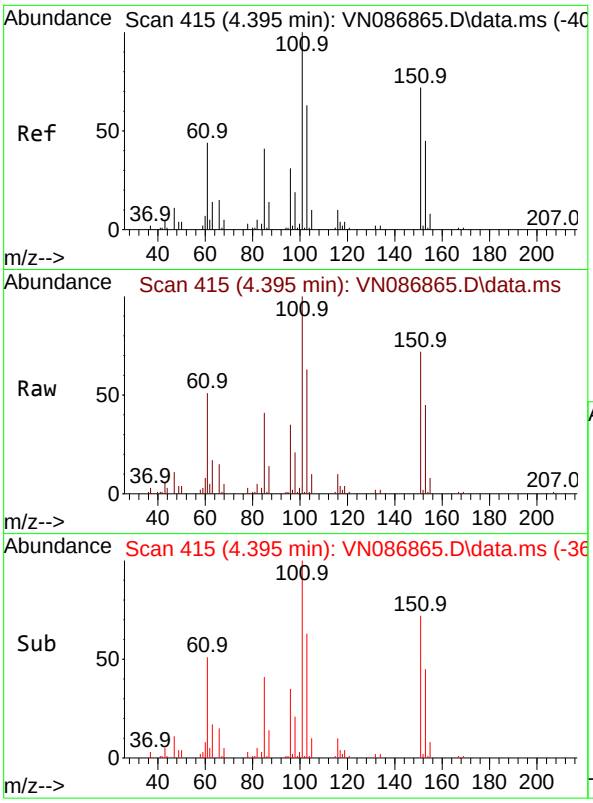


#8
Diethyl Ether
Concen: 47.963 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 74 Resp: 75193

Ion	Ratio	Lower	Upper
74	100		
45	91.0	45.5	136.5



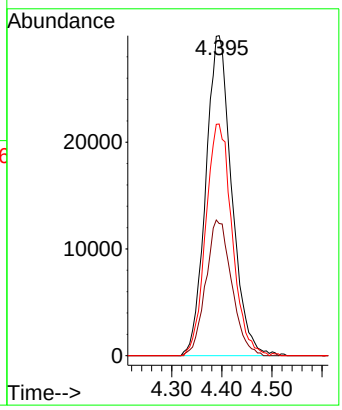


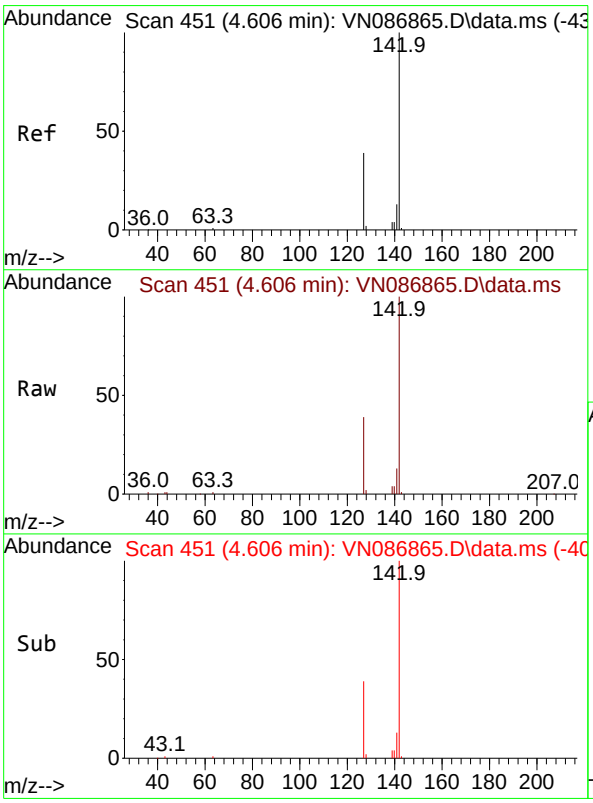
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.640 ug/l
RT: 4.395 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 107695

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.8	50.8
151	73.4	58.7	88.1

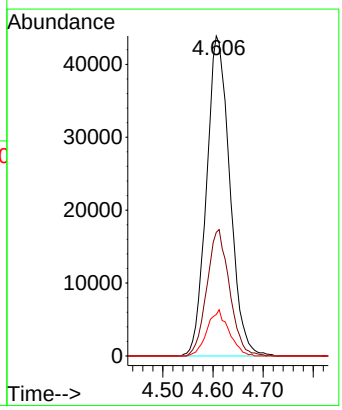


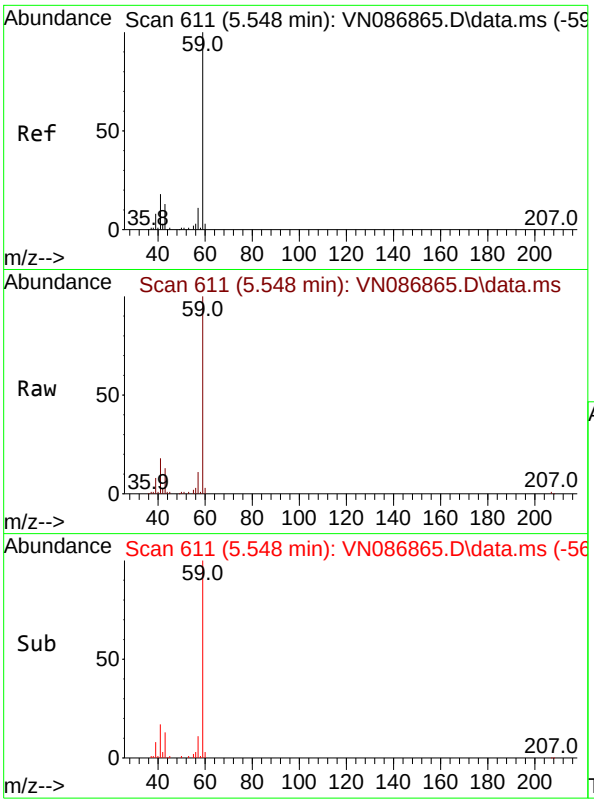


#10
Methyl Iodide
Concen: 48.346 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:142 Resp: 141678

Ion	Ratio	Lower	Upper
142	100		
127	38.6	30.9	46.3
141	13.0	10.4	15.6



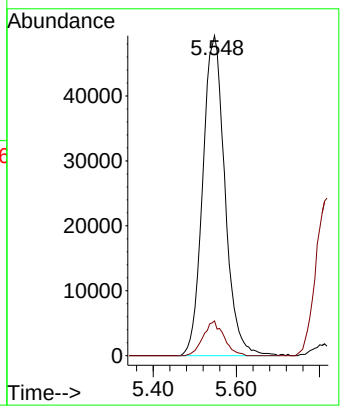


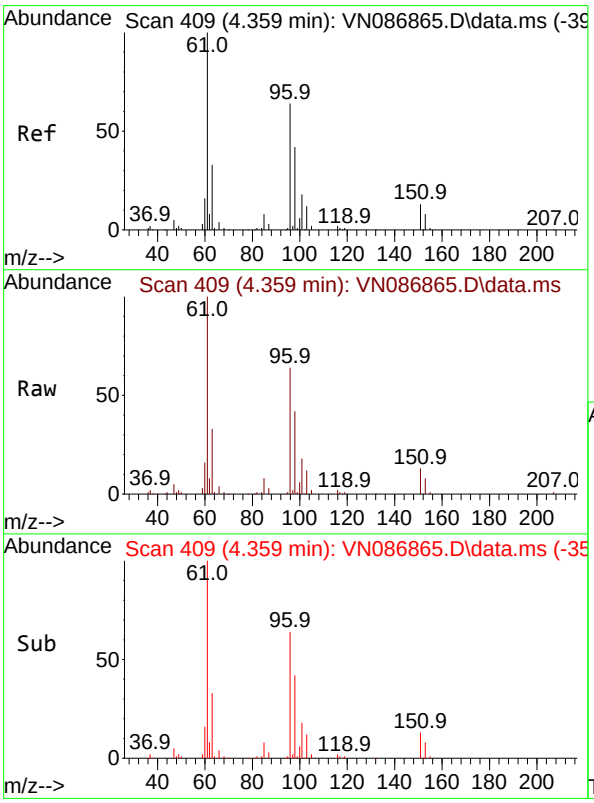
#11
Tert butyl alcohol
Concen: 242.020 ug/l
RT: 5.548 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 182315

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

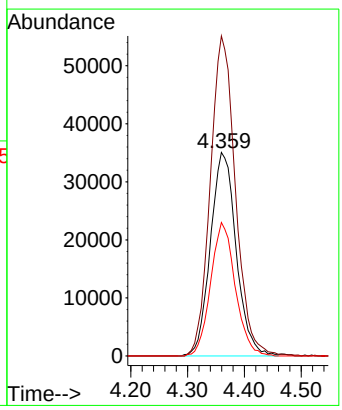


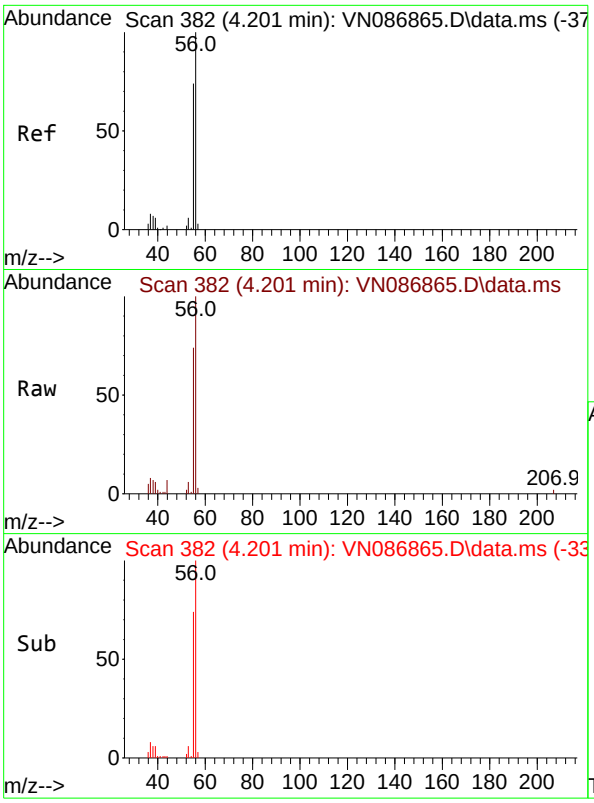


#12
1,1-Dichloroethene
Concen: 47.900 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 96 Resp: 110549

Ion	Ratio	Lower	Upper
96	100		
61	157.2	125.8	188.6
98	65.6	52.5	78.7



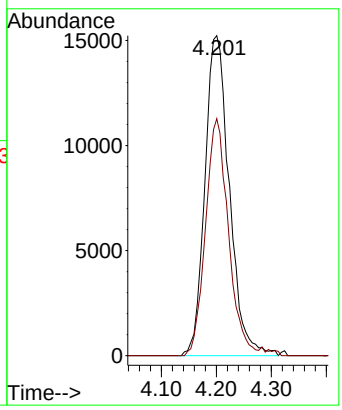


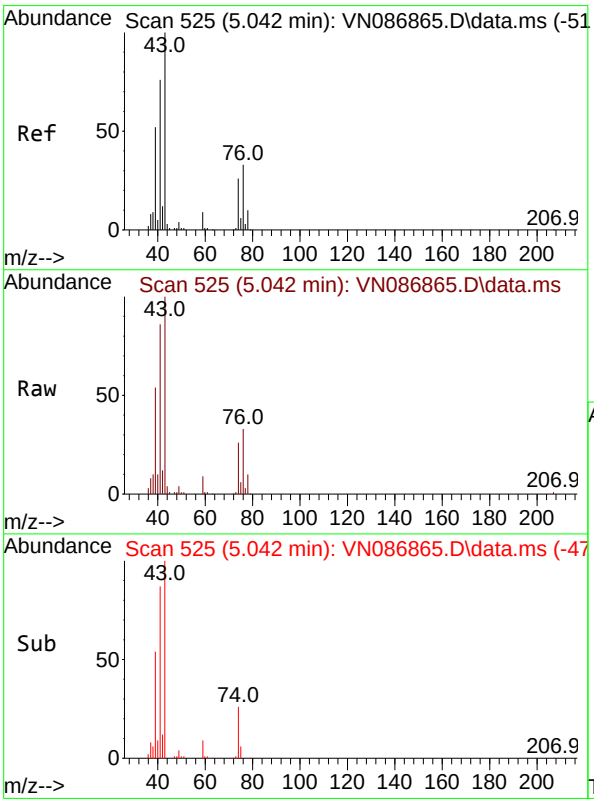
#13
Acrolein
Concen: 197.217 ug/l
RT: 4.201 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 47026

Ion	Ratio	Lower	Upper
56	100		
55	69.5	55.6	83.4

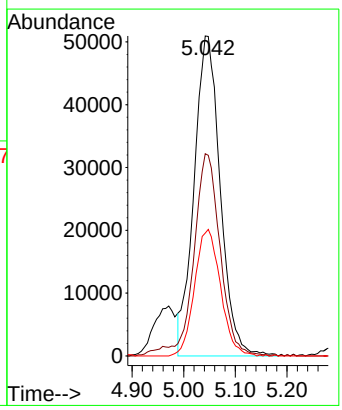


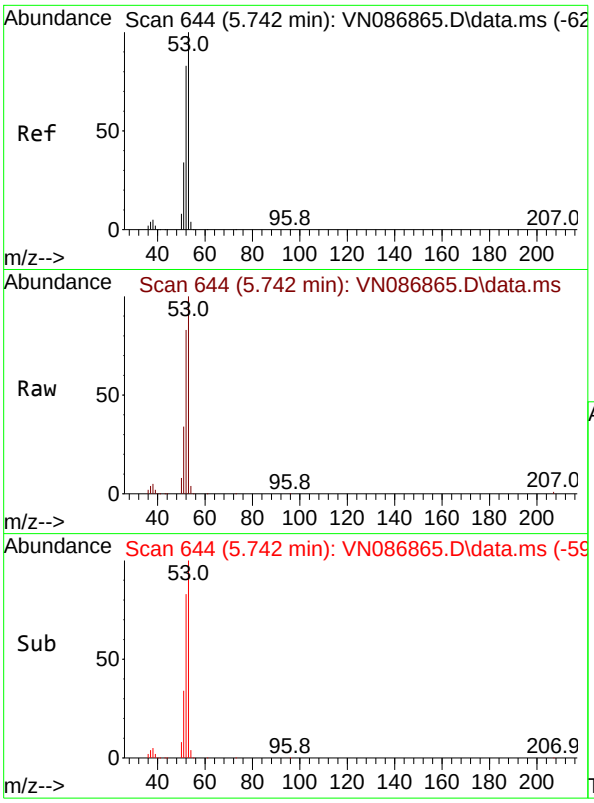


#14
Allyl chloride
Concen: 46.848 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 41 Resp: 179313

Ion	Ratio	Lower	Upper
41	100		
39	64.1	51.3	76.9
76	39.2	31.4	47.0



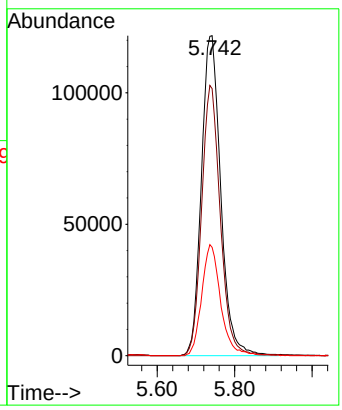


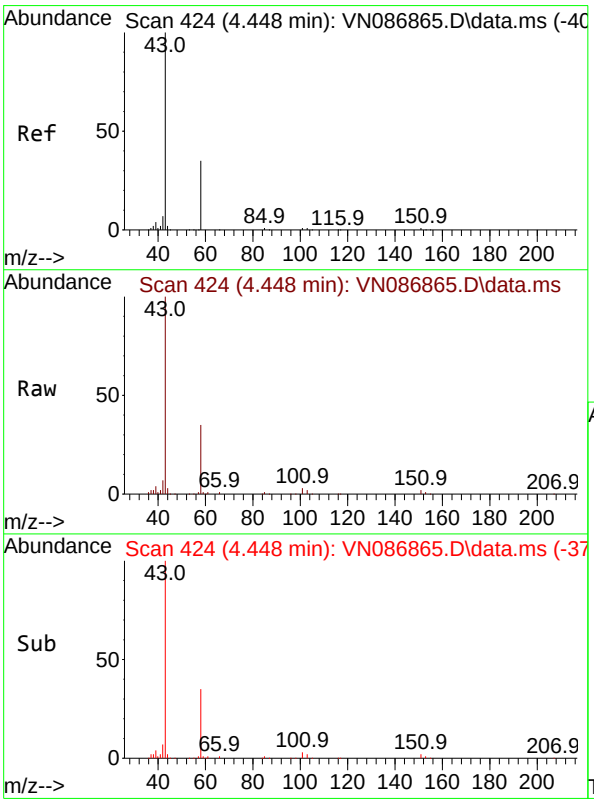
#15
Acrylonitrile
Concen: 239.638 ug/l
RT: 5.742 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 421941

Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.6
51	34.0	27.2	40.8

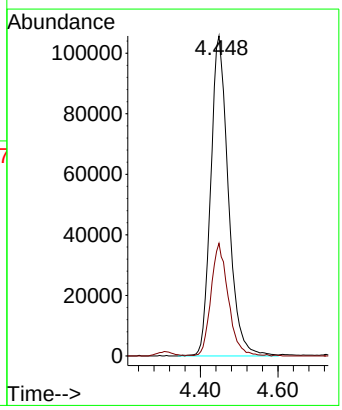


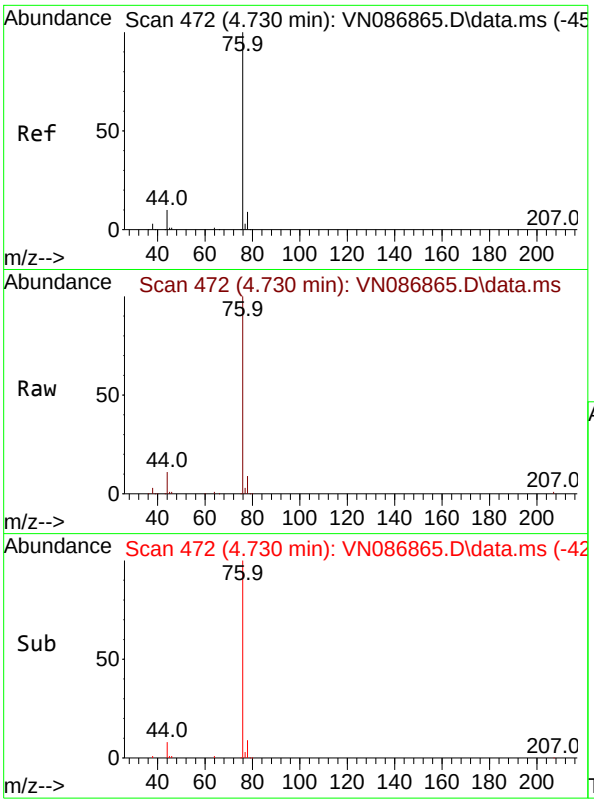


#16
Acetone
Concen: 226.765 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 333857

Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.0	42.0



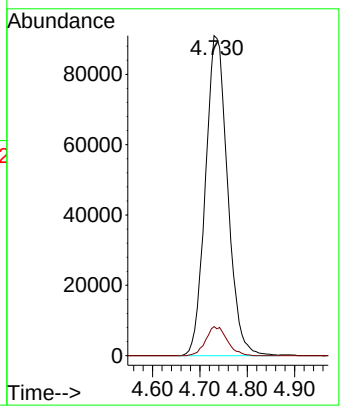


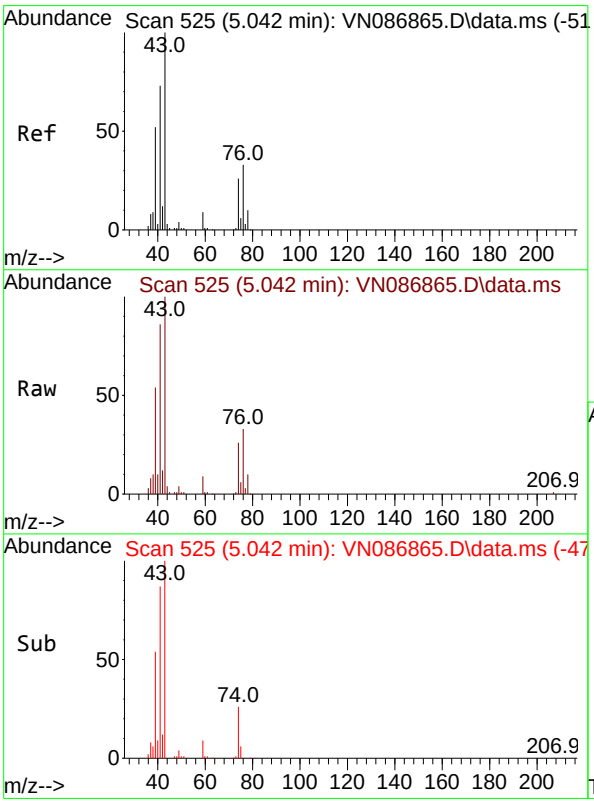
#17
Carbon Disulfide
Concen: 46.328 ug/l
RT: 4.730 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 295753

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

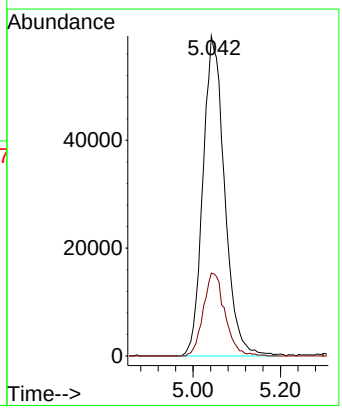


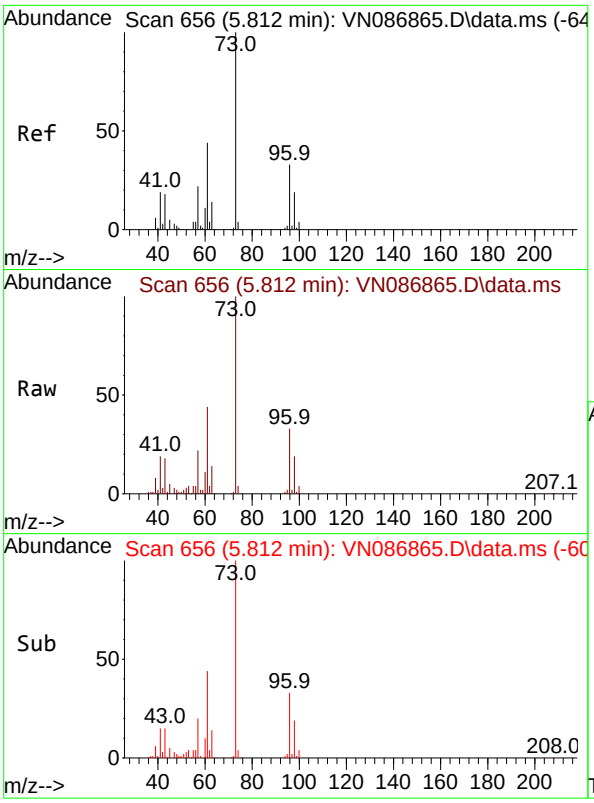


#18
Methyl Acetate
Concen: 47.673 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 204538

Ion	Ratio	Lower	Upper
43	100		
74	25.9	20.7	31.1



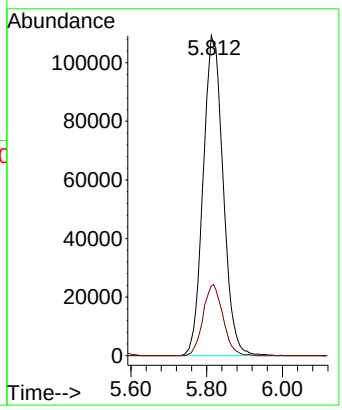


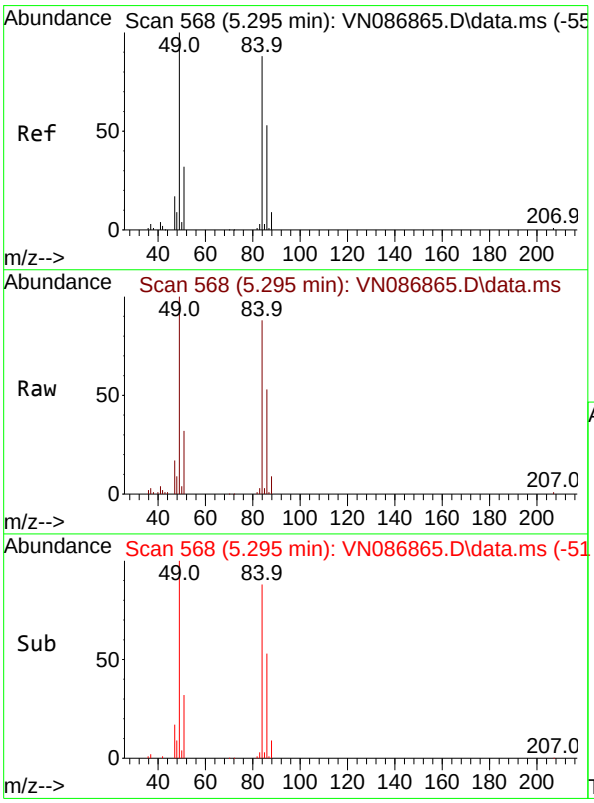
#19
Methyl tert-butyl Ether
Concen: 47.960 ug/l
RT: 5.812 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 400775

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2

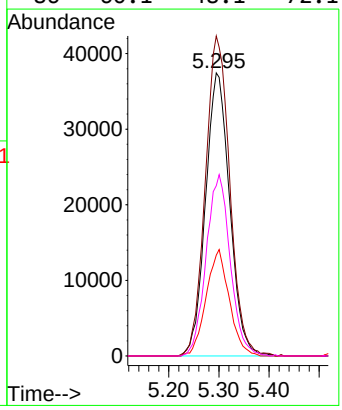


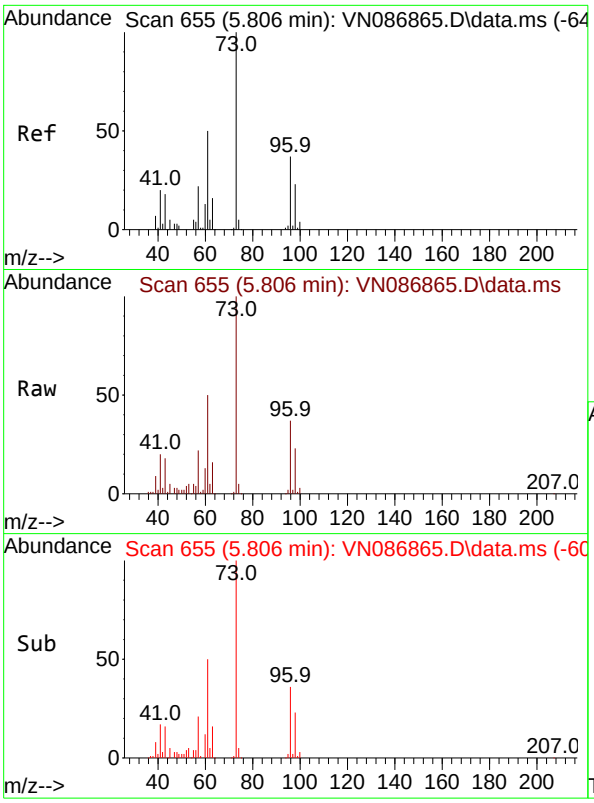


#20
Methylene Chloride
Concen: 45.531 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 84 Resp: 125498

Ion	Ratio	Lower	Upper
84	100		
49	113.1	90.5	135.7
51	35.6	28.5	42.7
86	60.1	48.1	72.1



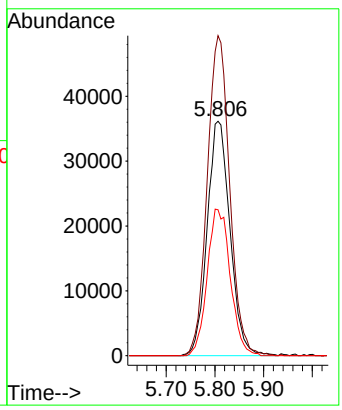


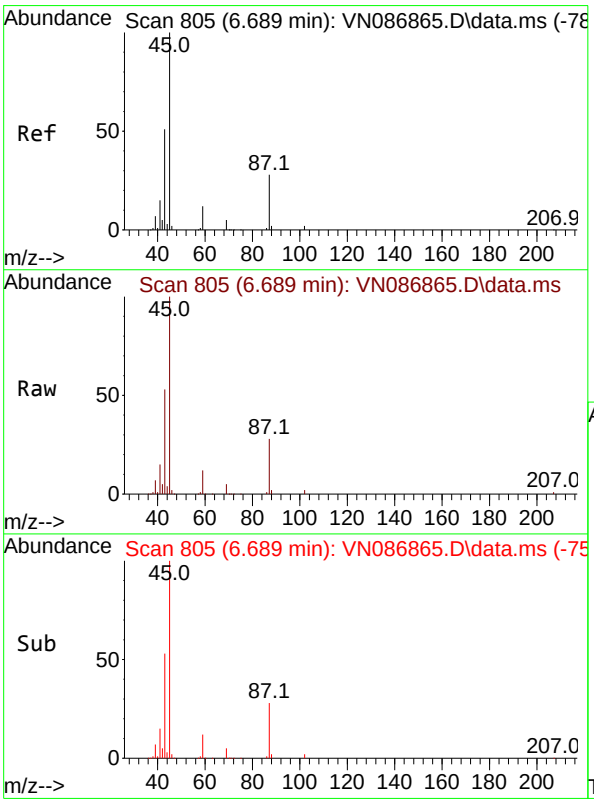
#21
trans-1,2-Dichloroethene
Concen: 45.822 ug/l
RT: 5.806 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 117660

Ion	Ratio	Lower	Upper
96	100		
61	136.5	109.2	163.8
98	62.3	49.8	74.8

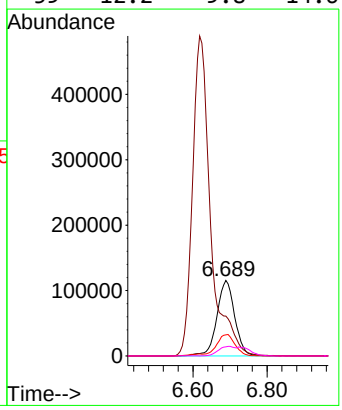


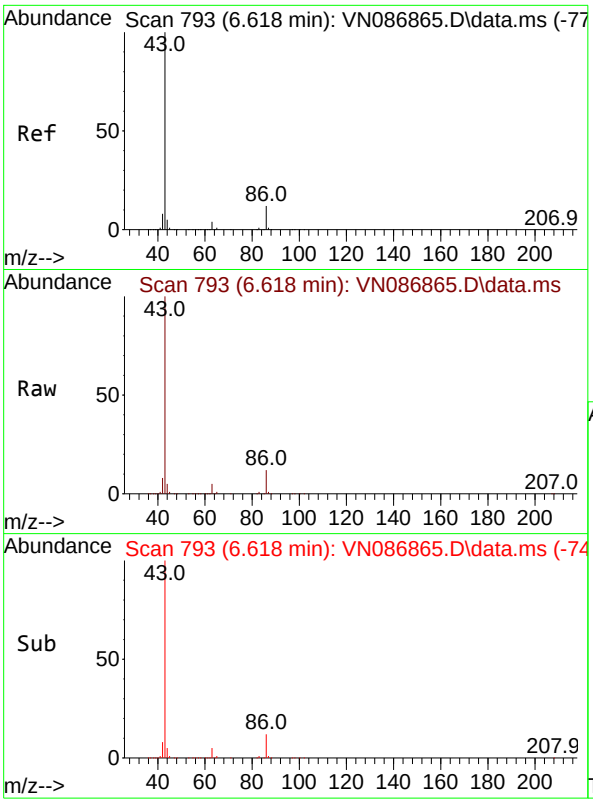


#22
Diisopropyl ether
Concen: 47.711 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 45 Resp: 384939

Ion	Ratio	Lower	Upper
45	100		
43	52.4	41.9	62.9
87	28.0	22.4	33.6
59	12.2	9.8	14.6



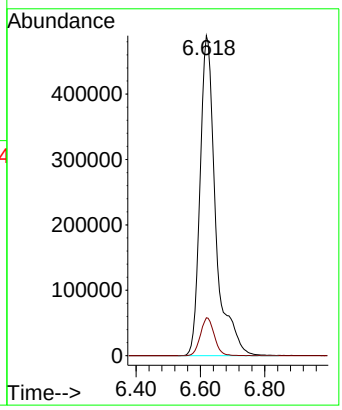


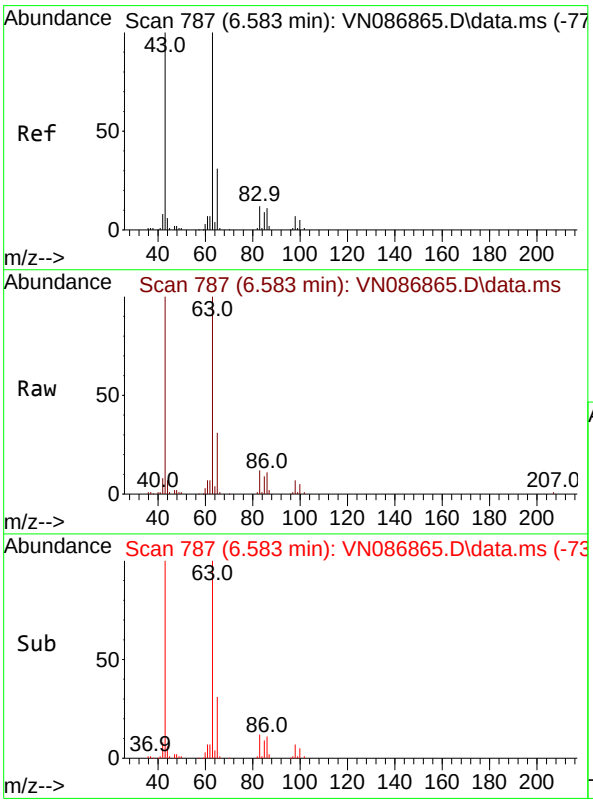
#23
Vinyl Acetate
Concen: 241.910 ug/l
RT: 6.618 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1649023

Ion	Ratio	Lower	Upper
43	100		
86	11.9	9.5	14.3

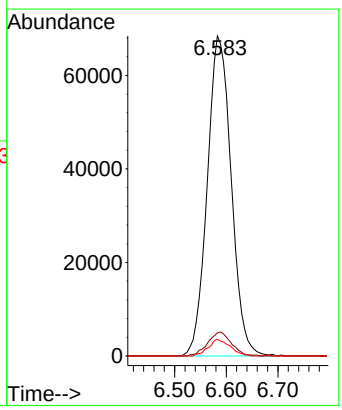


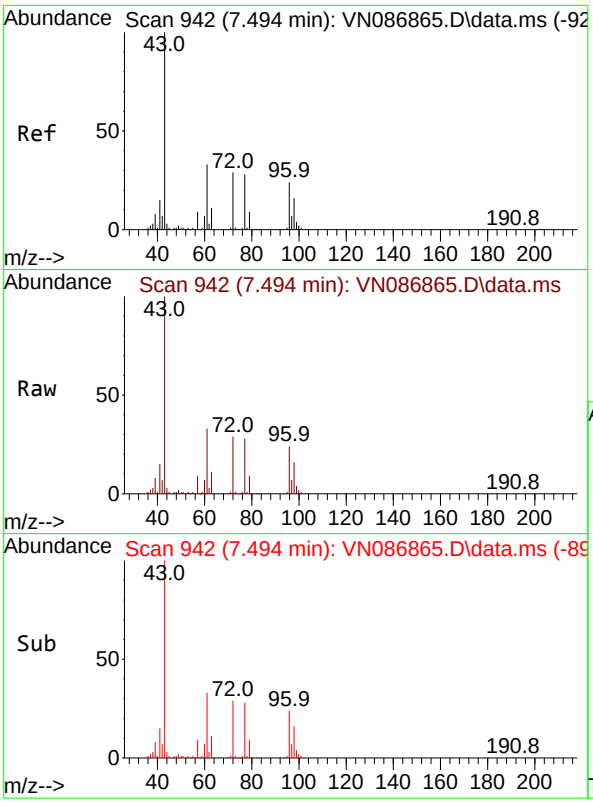


#24
1,1-Dichloroethane
Concen: 47.485 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 63 Resp: 220477

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	5.2	2.6	7.8



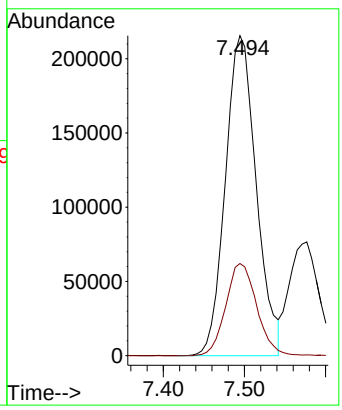


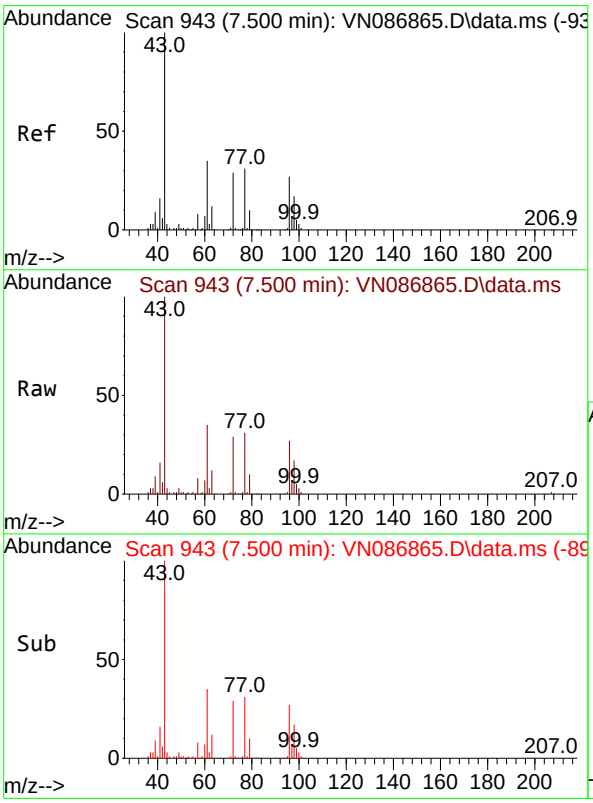
#25
2-Butanone
Concen: 238.693 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 571221

Ion	Ratio	Lower	Upper
43	100		
72	28.8	23.0	34.6

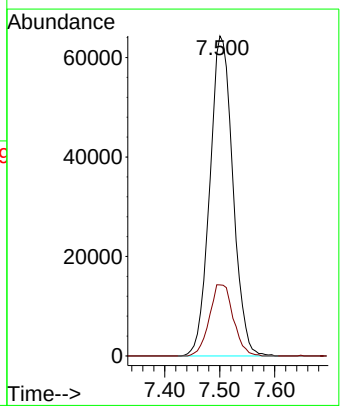


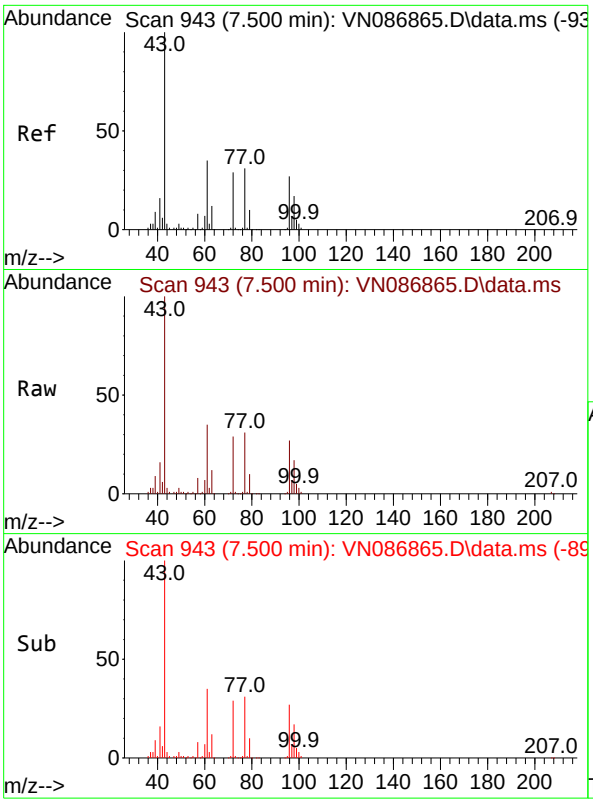


#26
2,2-Dichloropropane
Concen: 51.933 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 77 Resp: 187567

Ion	Ratio	Lower	Upper
77	100		
97	23.1	11.6	34.7



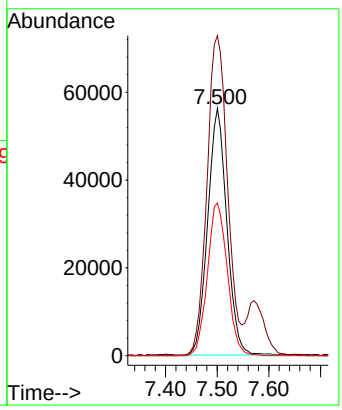


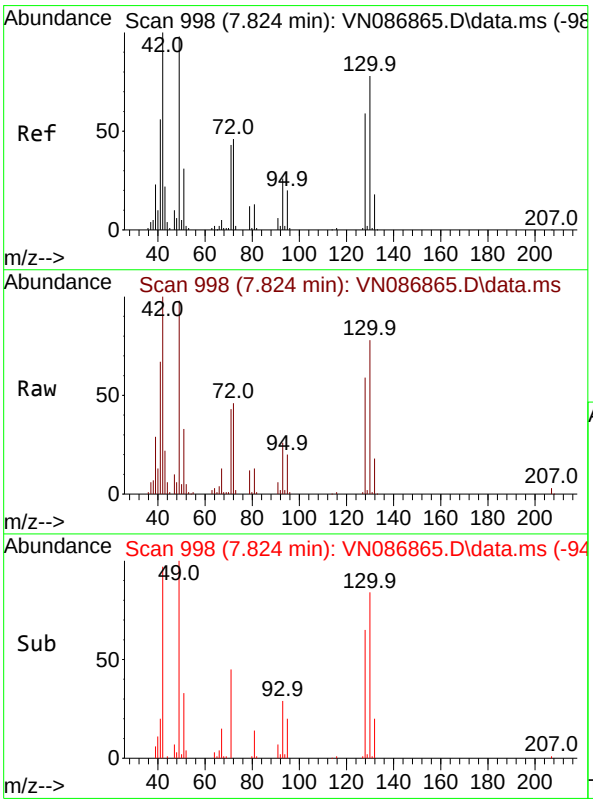
#27
cis-1,2-Dichloroethene
Concen: 47.189 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 144911

Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	278.0
98	64.1	0.0	128.2

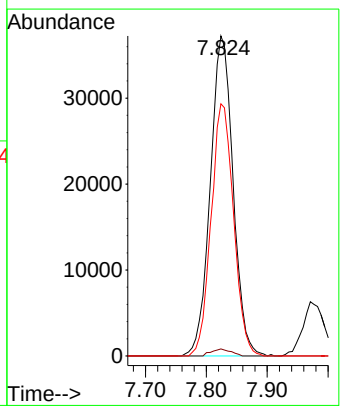


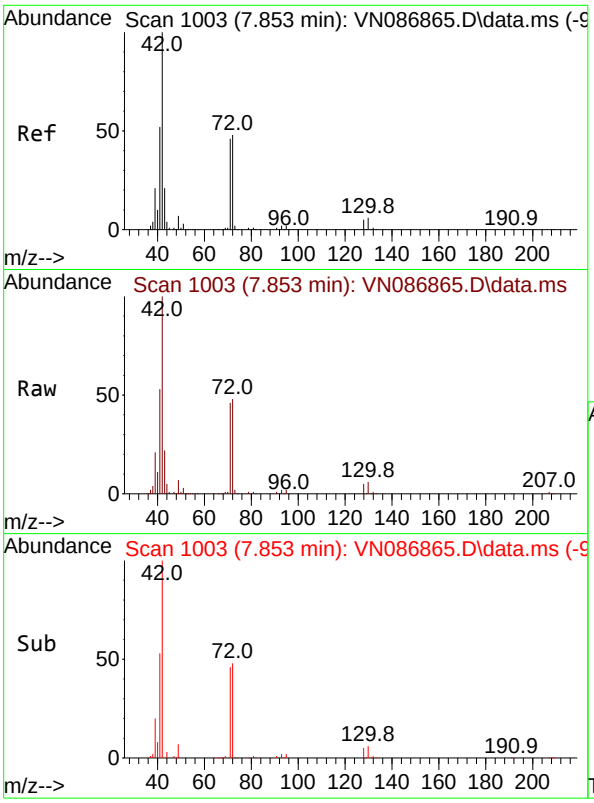


#28
Bromochloromethane
Concen: 42.362 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 49 Resp: 96707

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	77.7	62.2	93.2



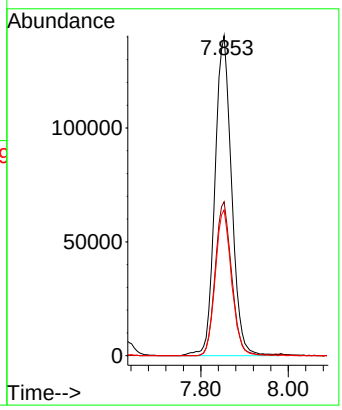


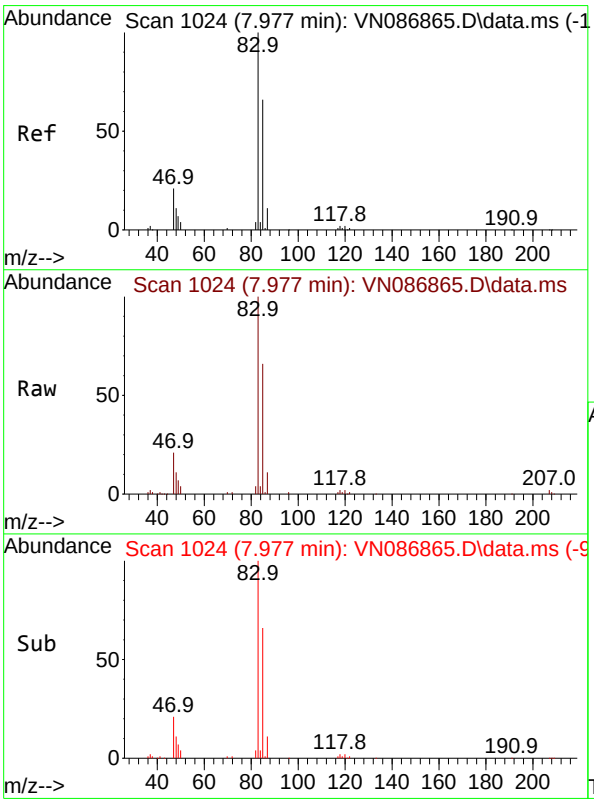
#29
Tetrahydrofuran
Concen: 238.210 ug/l
RT: 7.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 371357

Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.8	56.6
71	44.5	35.6	53.4

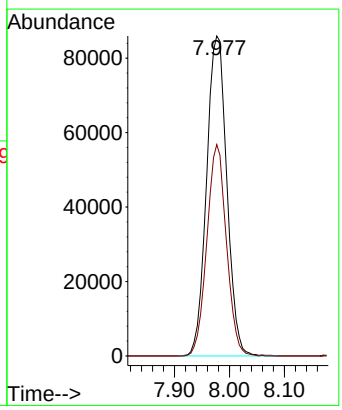


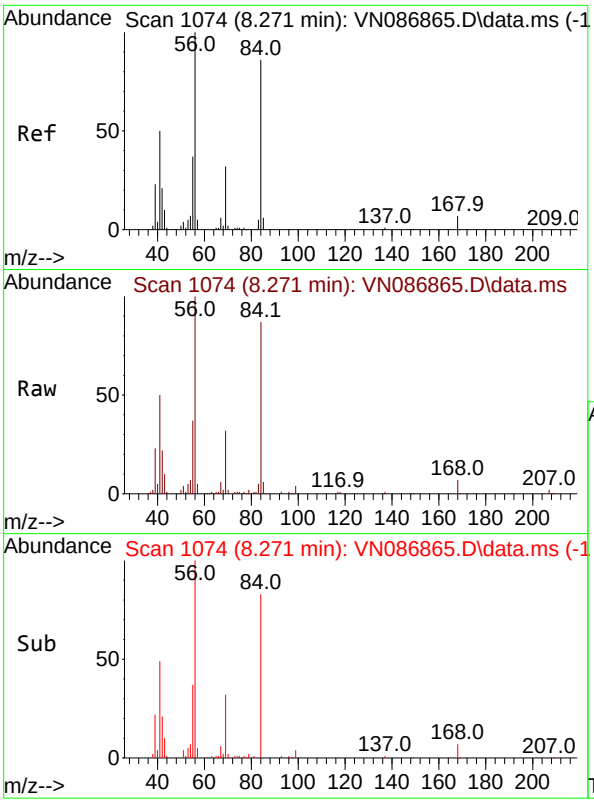


#30
Chloroform
Concen: 47.467 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 83 Resp: 220093

Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.9	79.3



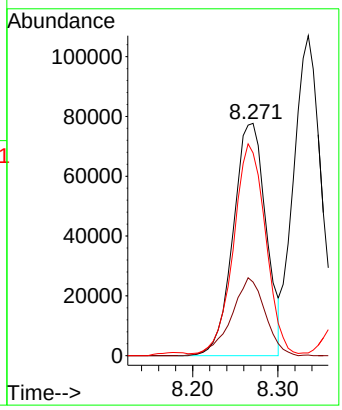


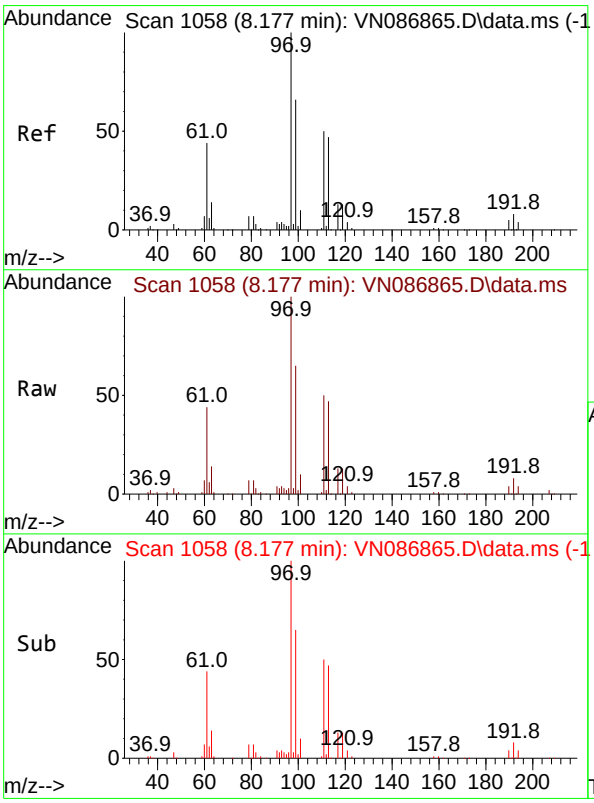
#31
Cyclohexane
Concen: 46.217 ug/l
RT: 8.271 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 208105

Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.4	38.0
84	86.0	68.8	103.2

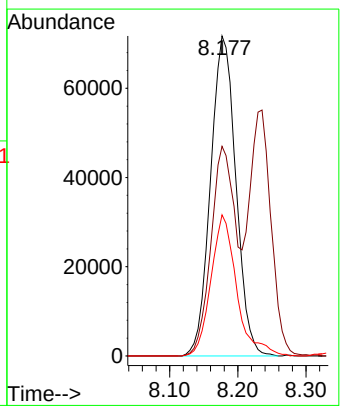


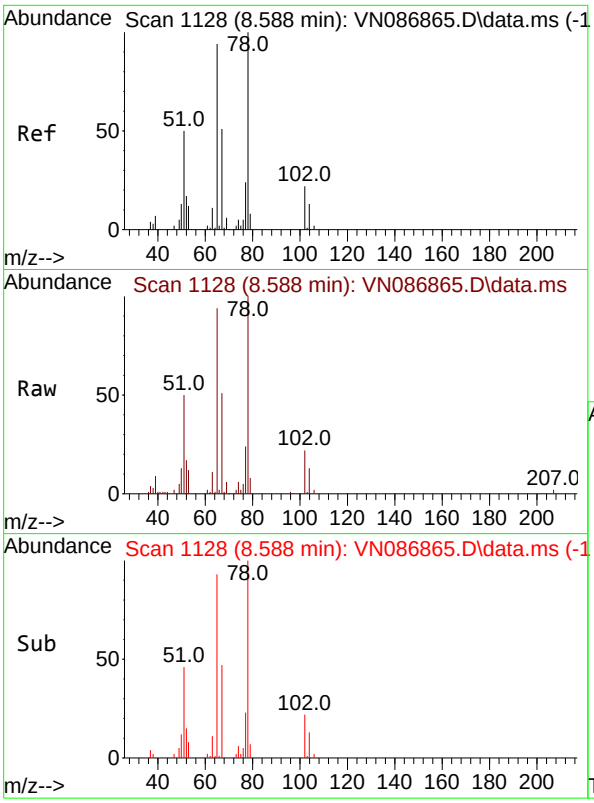


#32
1,1,1-Trichloroethane
Concen: 47.037 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 97 Resp: 185502

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	44.9	35.9	53.9



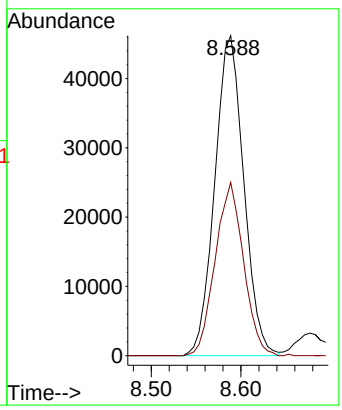


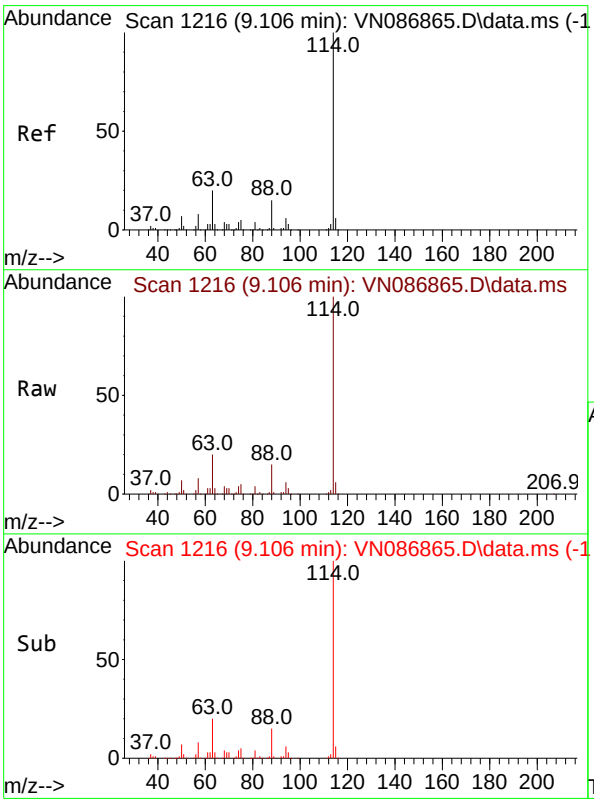
#33
1,2-Dichloroethane-d4
Concen: 37.366 ug/l
RT: 8.588 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 103736

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.6

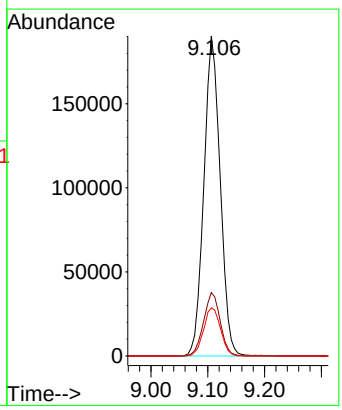


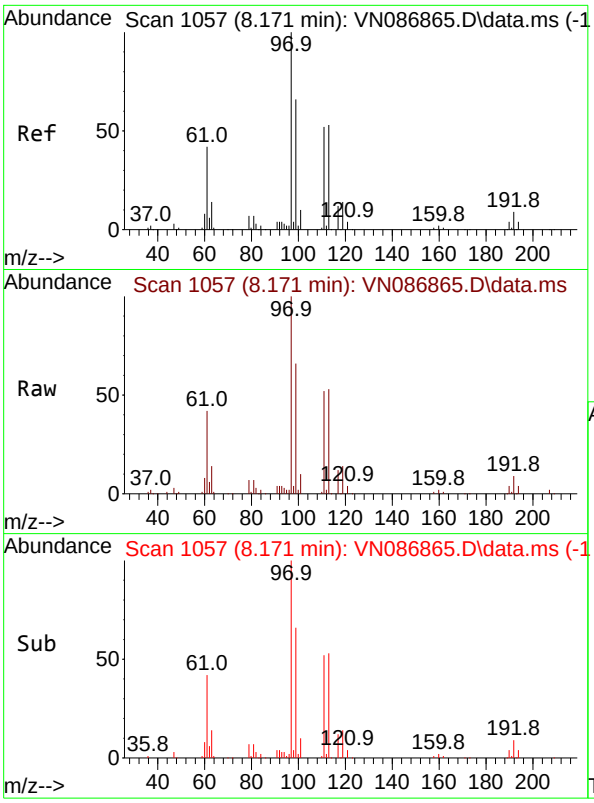


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:114 Resp: 378587

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	15.1	0.0	30.2



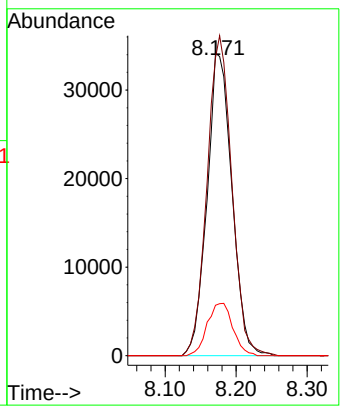


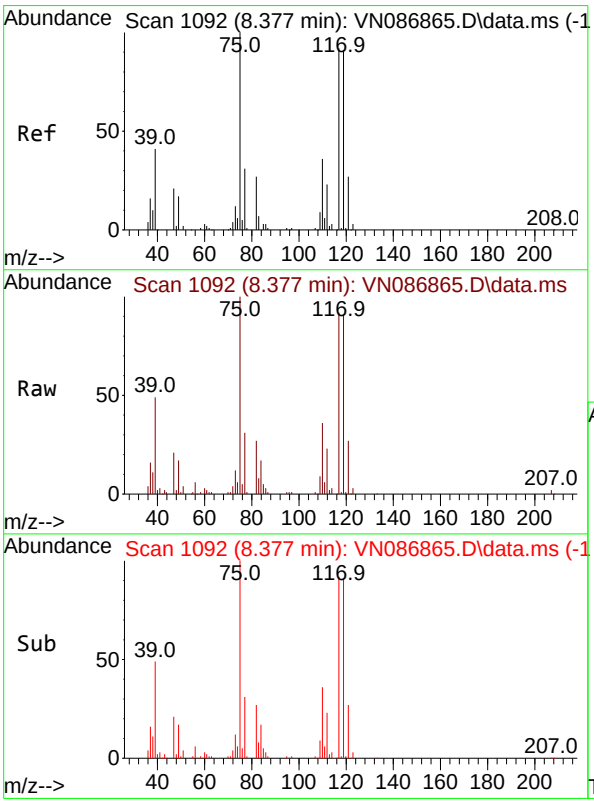
#35
Dibromofluoromethane
Concen: 37.020 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 83058

Ion	Ratio	Lower	Upper
113	100		
111	105.2	84.2	126.2
192	17.8	14.2	21.4

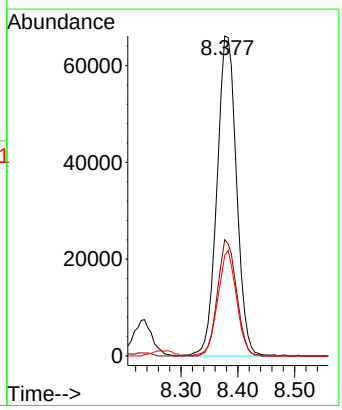


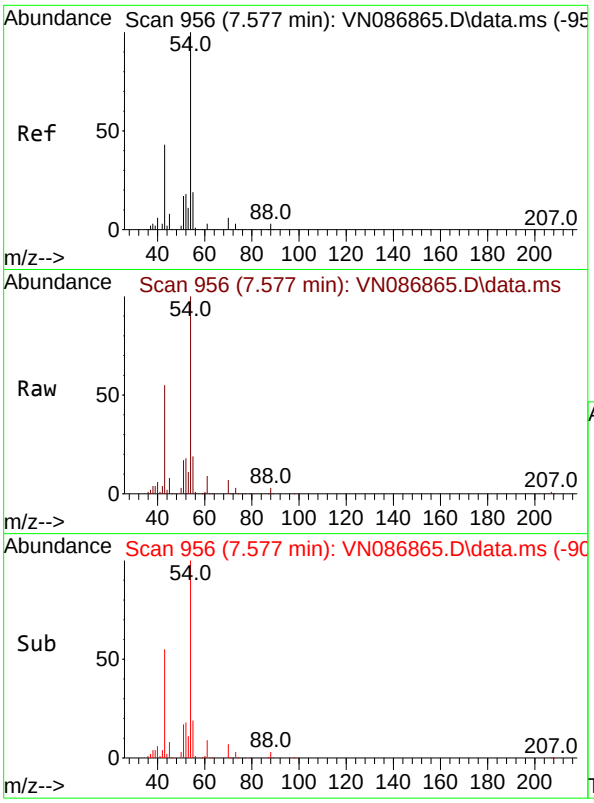


#36
1,1-Dichloropropene
Concen: 47.362 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 158341

Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.6	52.9
77	31.6	25.3	37.9



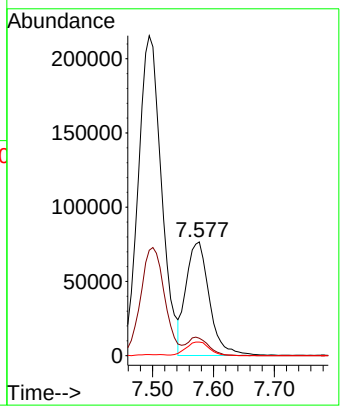


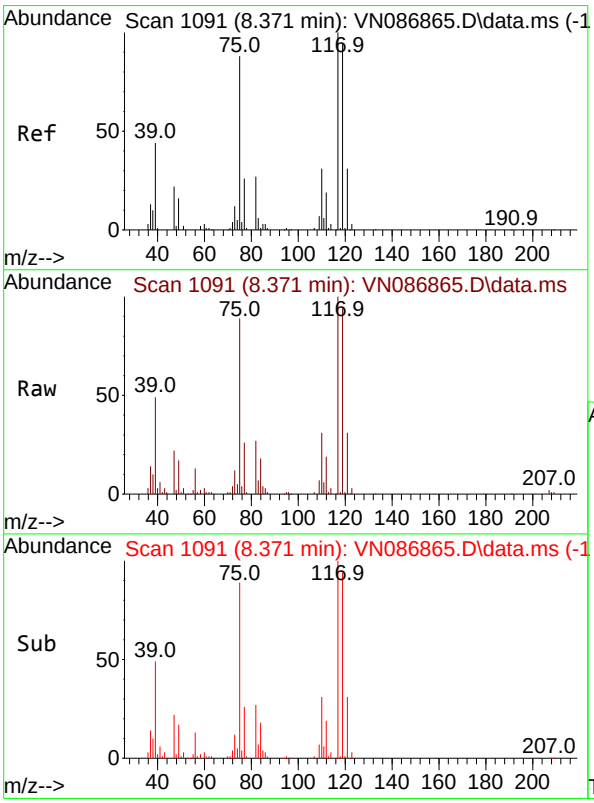
#37
Ethyl Acetate
Concen: 47.720 ug/l
RT: 7.577 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 203091

Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	12.2	9.8	14.6

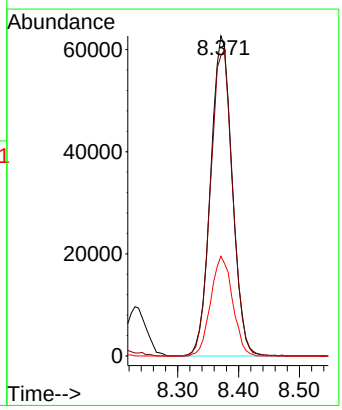


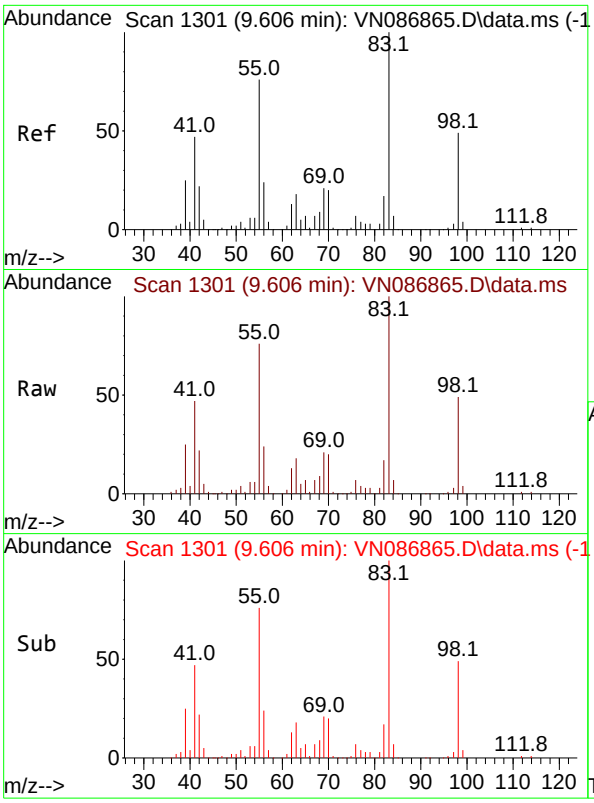


#38
Carbon Tetrachloride
Concen: 47.126 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:117 Resp: 154677

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	31.1	24.9	37.3



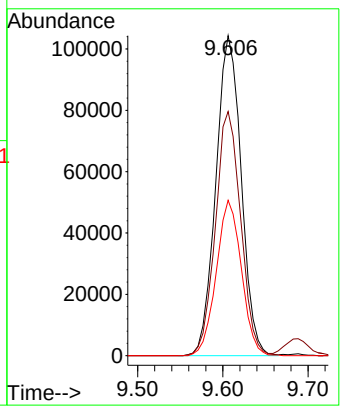


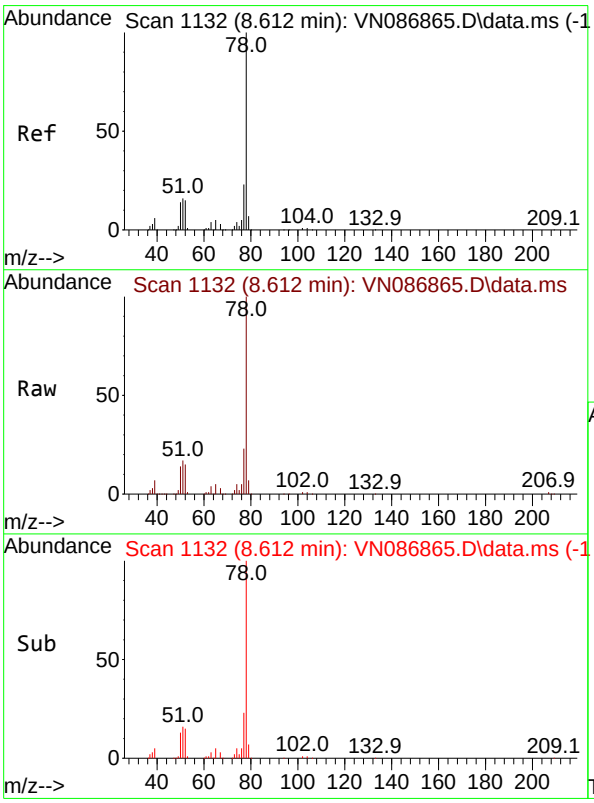
#39
Methylcyclohexane
Concen: 47.126 ug/l
RT: 9.606 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 215849

Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.0	91.6
98	48.6	38.9	58.3

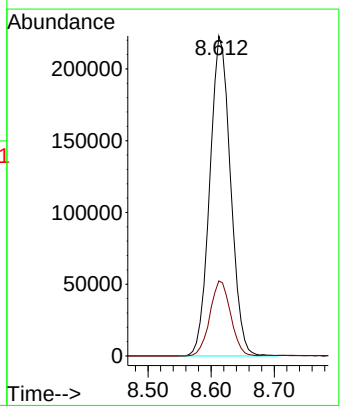


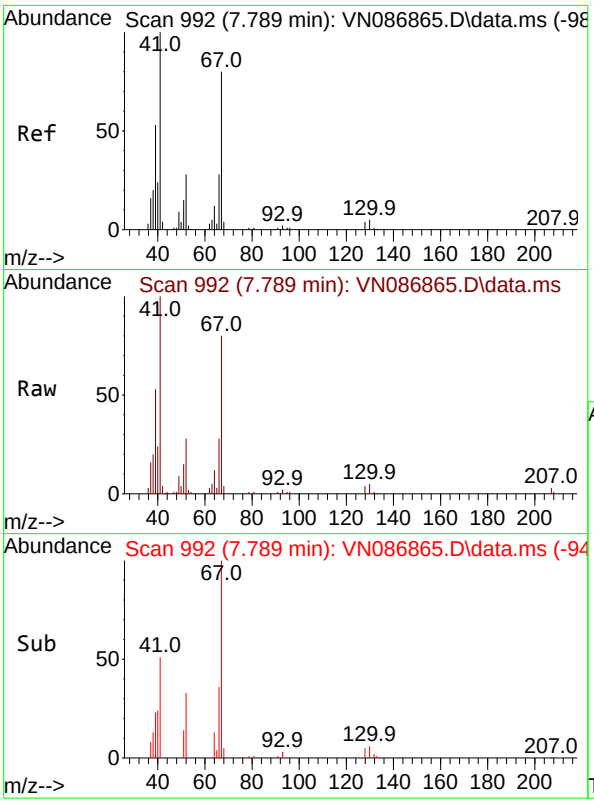


#40
Benzene
Concen: 46.590 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 78 Resp: 509334

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1



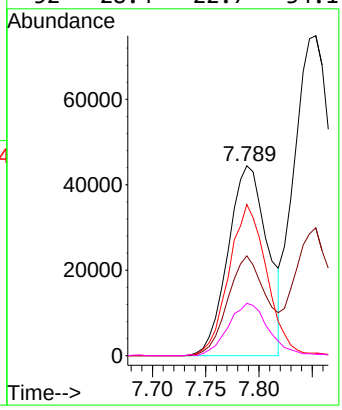


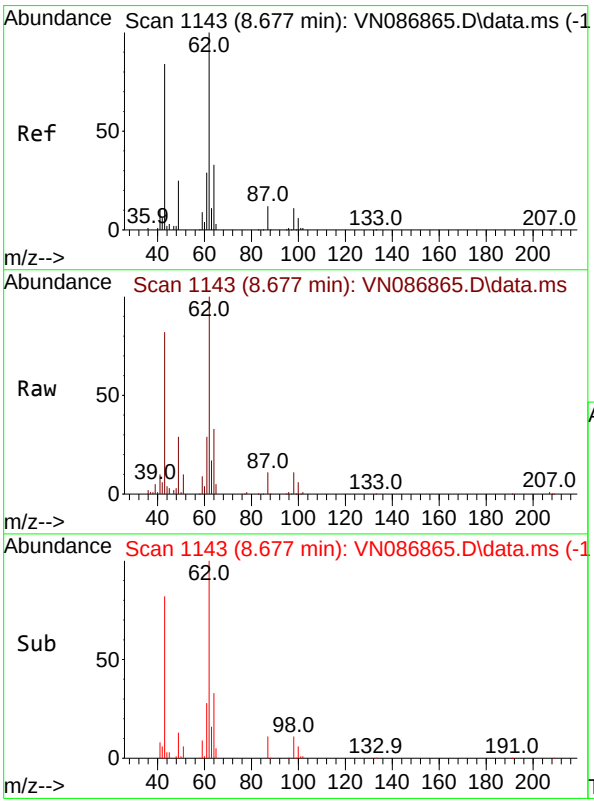
#41
Methacrylonitrile
Concen: 48.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 114727

Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.2	61.8
67	76.8	61.4	92.2
52	28.4	22.7	34.1

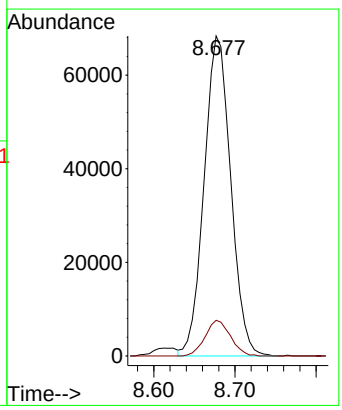


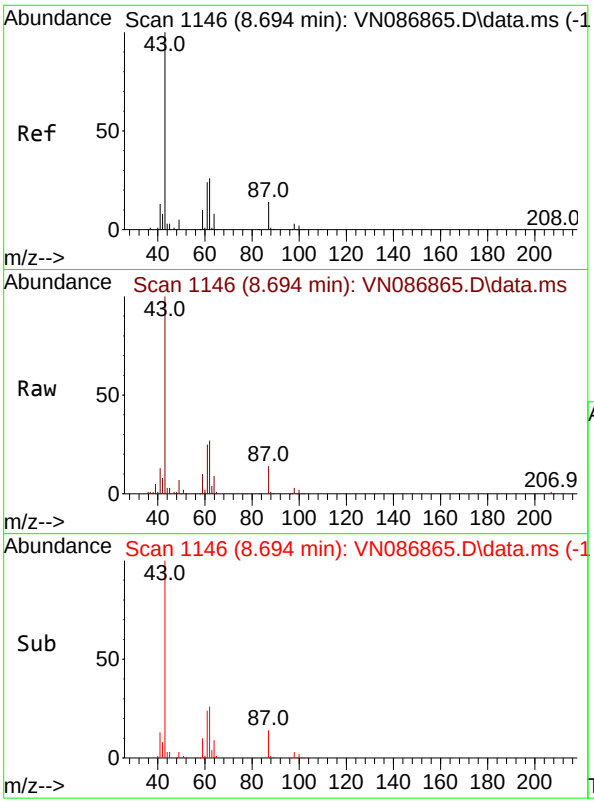


#42
1,2-Dichloroethane
Concen: 46.960 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 62 Resp: 155713

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2



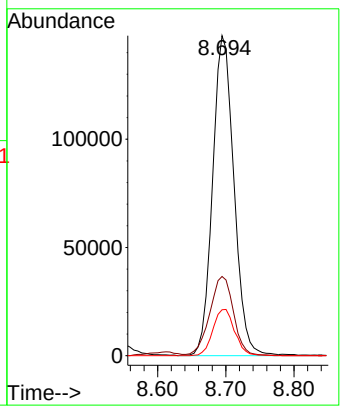


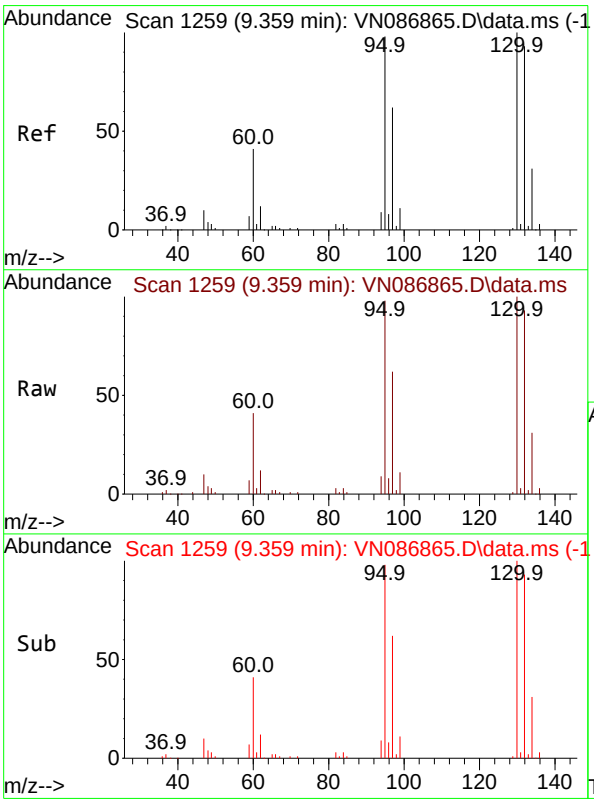
#43
Isopropyl Acetate
Concen: 47.248 ug/l
RT: 8.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 322741

Ion	Ratio	Lower	Upper
43	100		
61	27.6	22.1	33.1
87	14.7	11.8	17.6

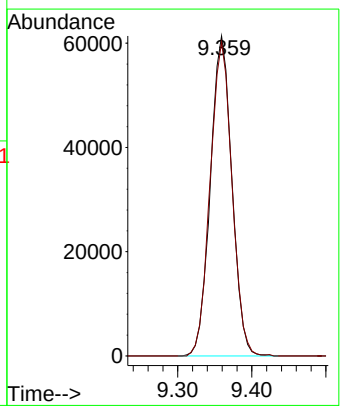


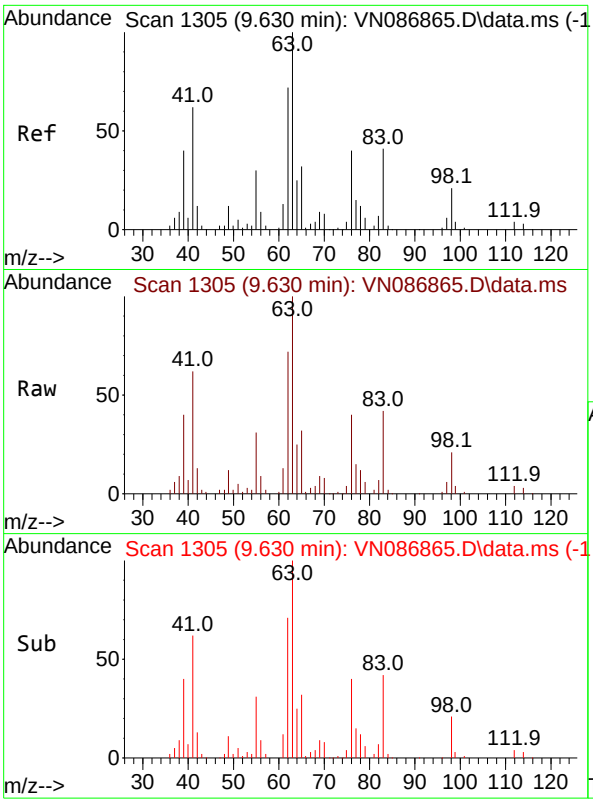


#44
Trichloroethene
Concen: 47.776 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:130 Resp: 123847

Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	196.2



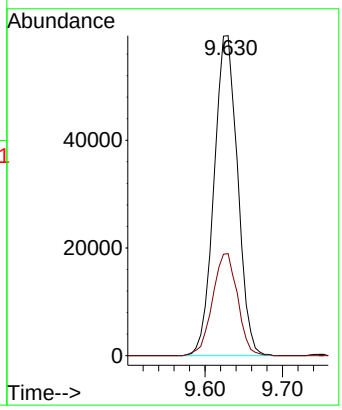


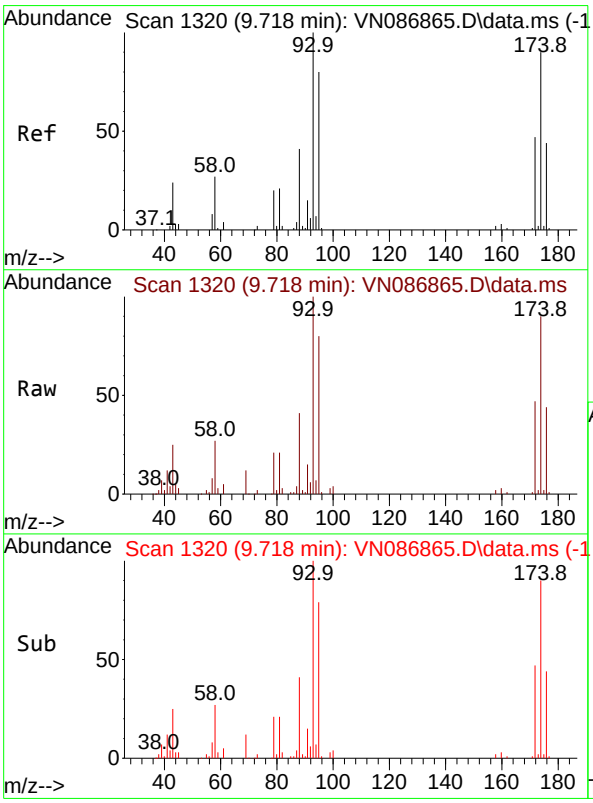
#45
1,2-Dichloropropane
Concen: 47.251 ug/l
RT: 9.630 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 125673

Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3

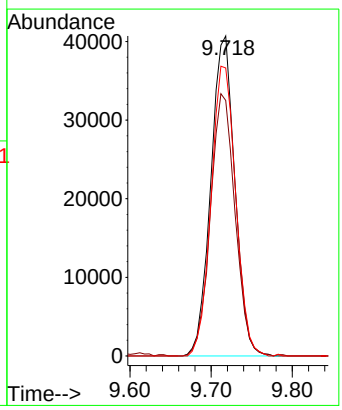


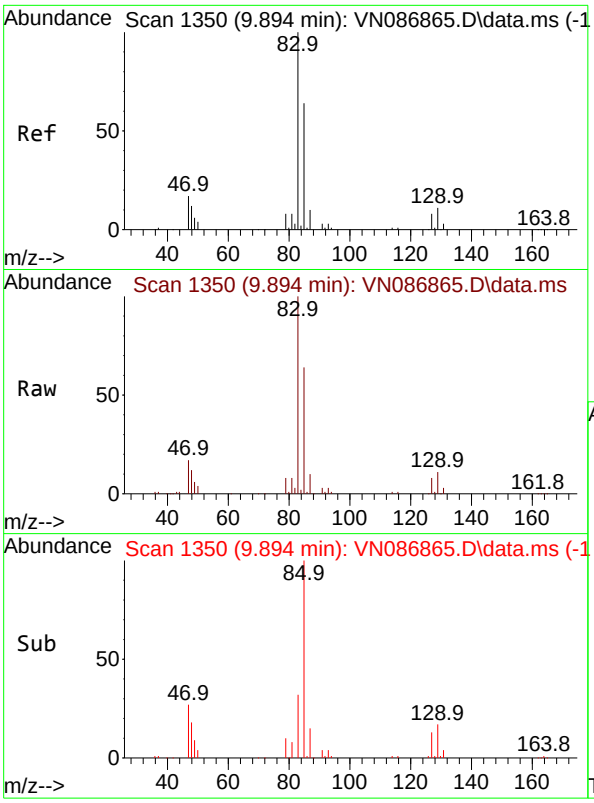


#46
Dibromomethane
Concen: 47.442 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 93 Resp: 83811

Ion	Ratio	Lower	Upper
93	100		
95	83.9	67.1	100.7
174	92.8	74.2	111.4



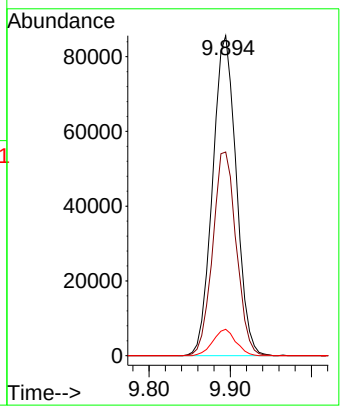


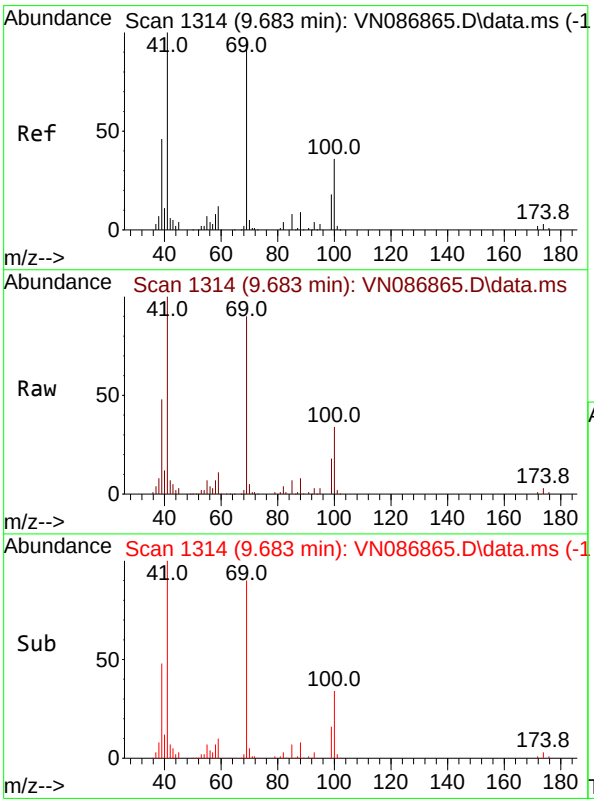
#47
Bromodichloromethane
Concen: 47.651 ug/l
RT: 9.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 173200

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.9	76.3
127	8.3	6.6	10.0

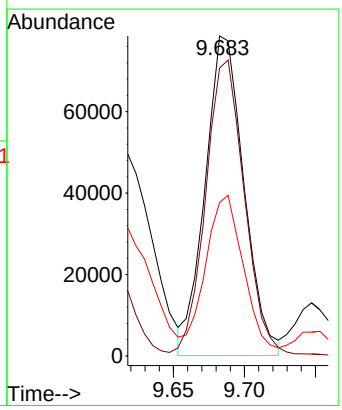


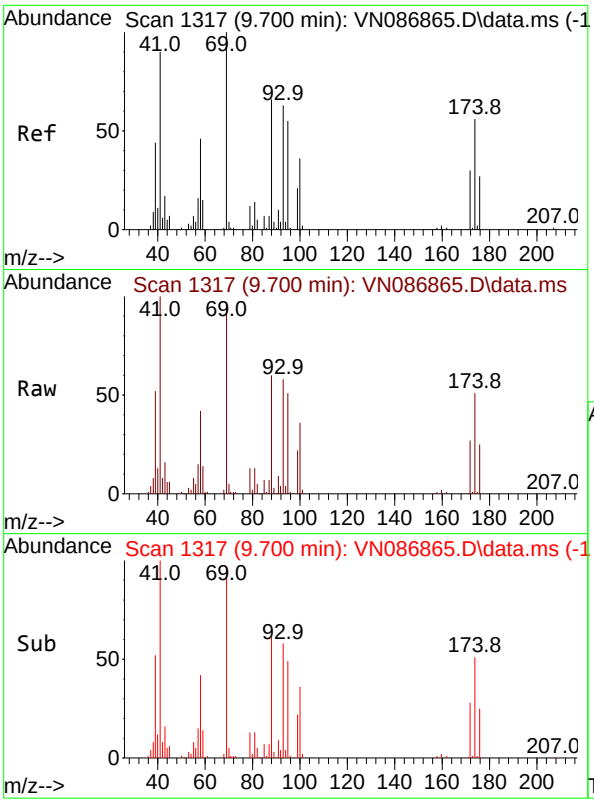


#48
Methyl methacrylate
Concen: 47.399 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 41 Resp: 149019

Ion	Ratio	Lower	Upper
41	100		
69	93.3	74.6	112.0
39	50.3	40.2	60.4



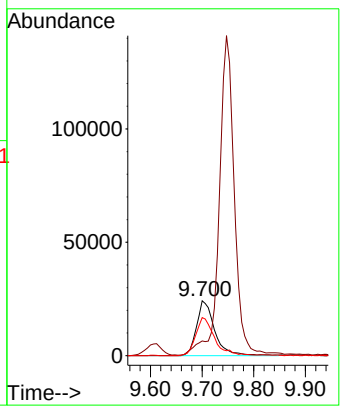


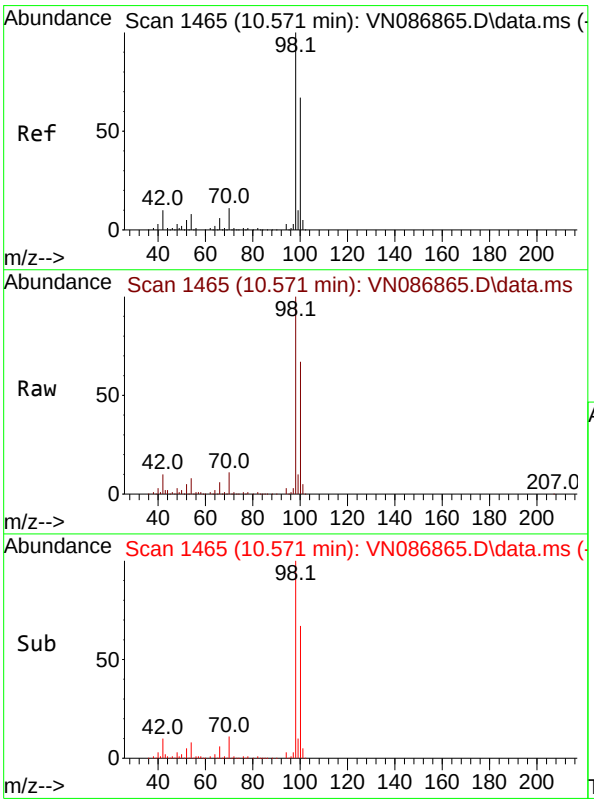
#49
1,4-Dioxane
Concen: 1032.607 ug/l
RT: 9.700 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 59060

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.1	57.7	86.5

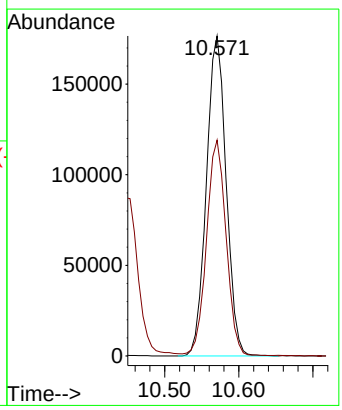


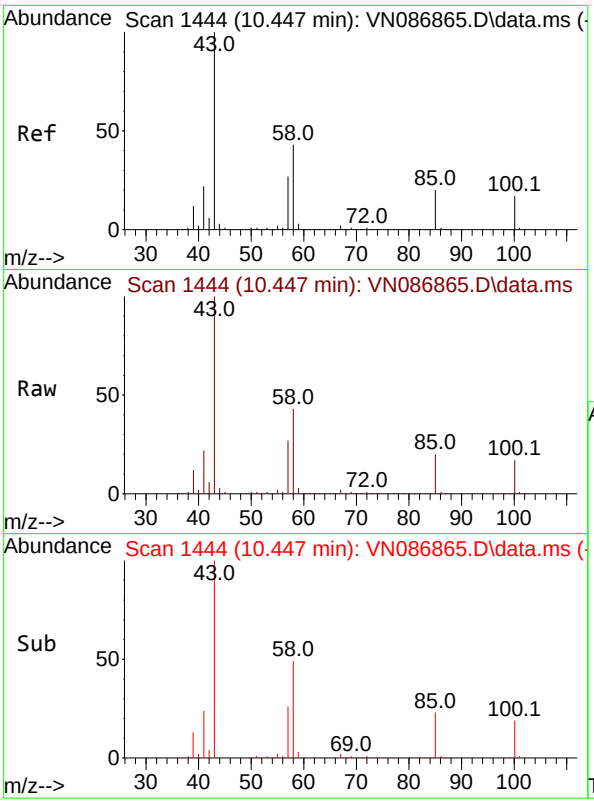


#50
Toluene-d8
Concen: 36.716 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 98 Resp: 326105

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.0



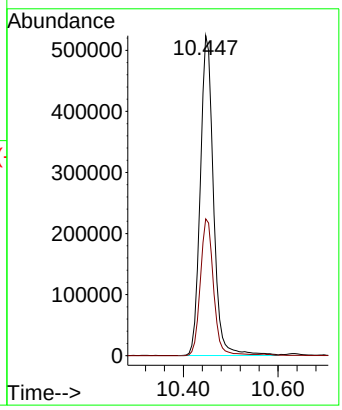


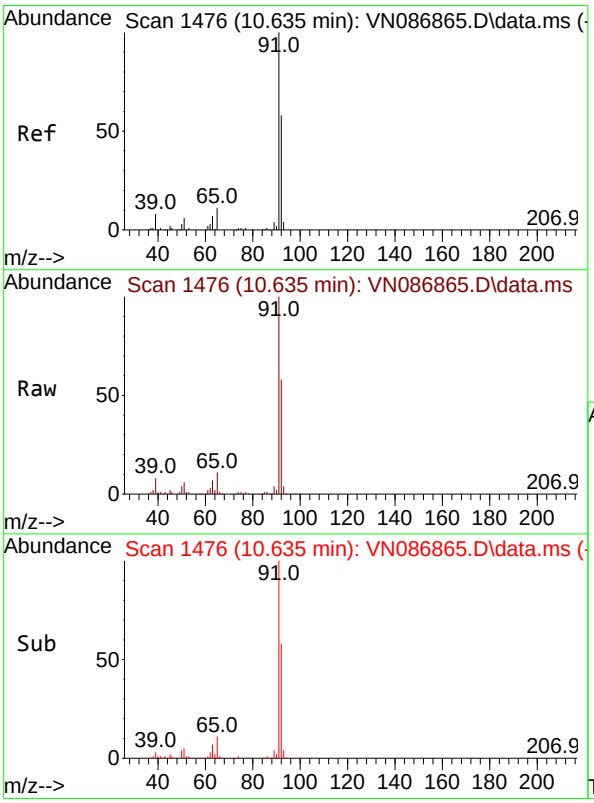
#51
4-Methyl-2-Pentanone
Concen: 247.484 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1017688

Ion	Ratio	Lower	Upper
43	100		
58	42.8	34.2	51.4

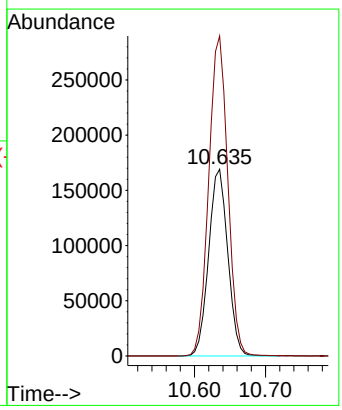


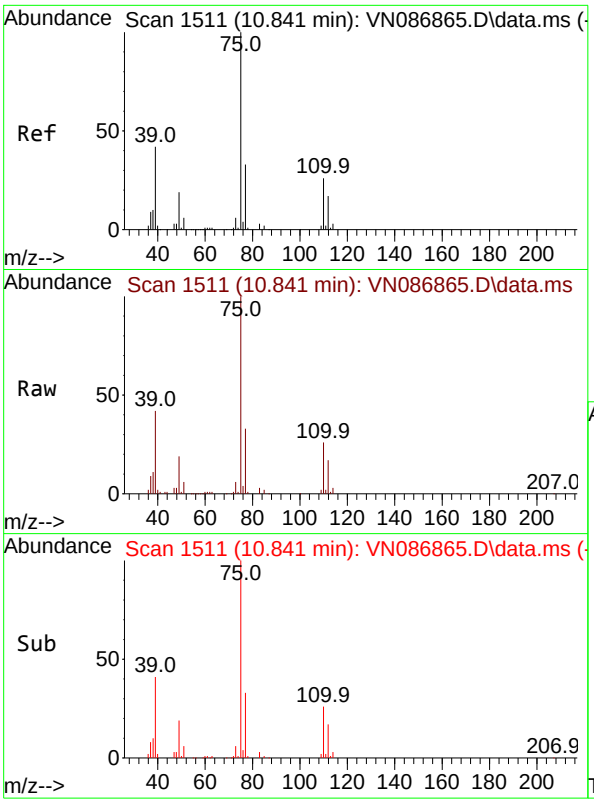


#52
Toluene
Concen: 47.331 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 92 Resp: 316219

Ion	Ratio	Lower	Upper
92	100		
91	170.6	136.5	204.7



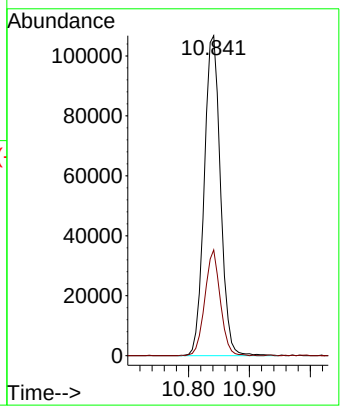


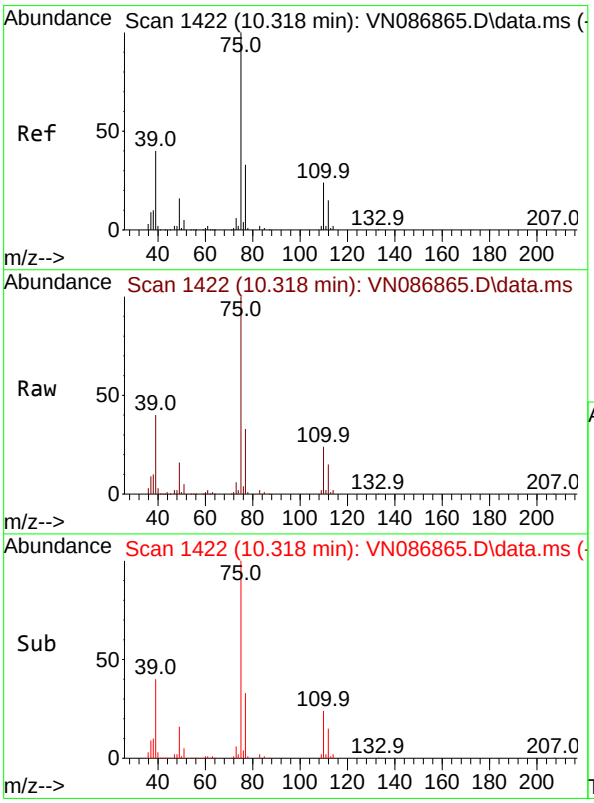
#53
t-1,3-Dichloropropene
Concen: 48.587 ug/l
RT: 10.841 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 197475

Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.4	39.6

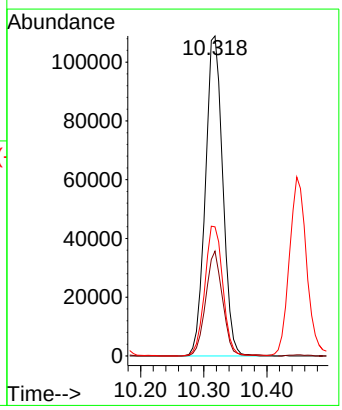


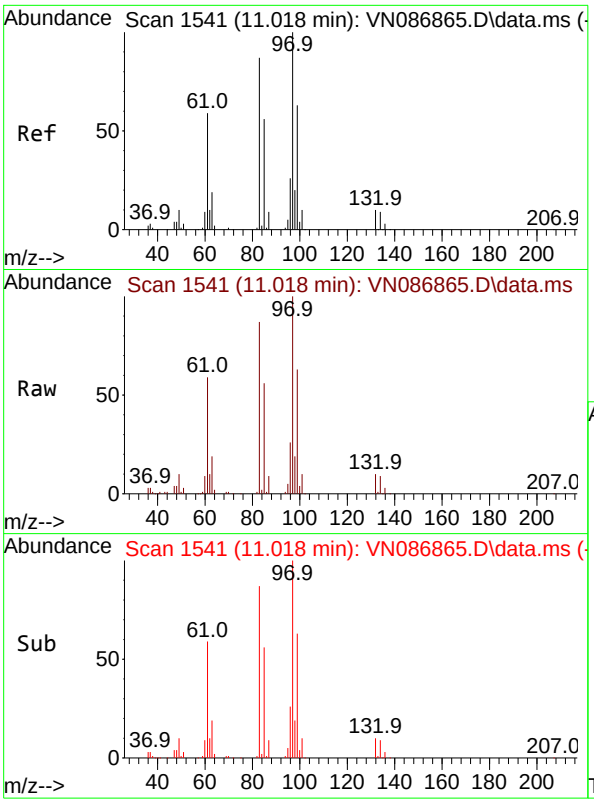


#54
cis-1,3-Dichloropropene
Concen: 47.950 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 208523

Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.2	39.4
39	40.4	32.3	48.5



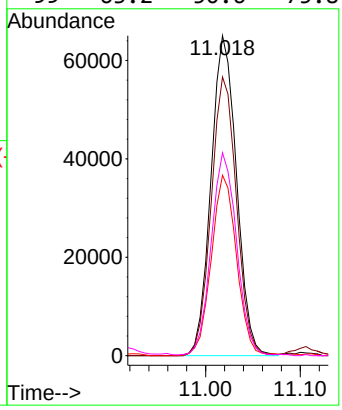


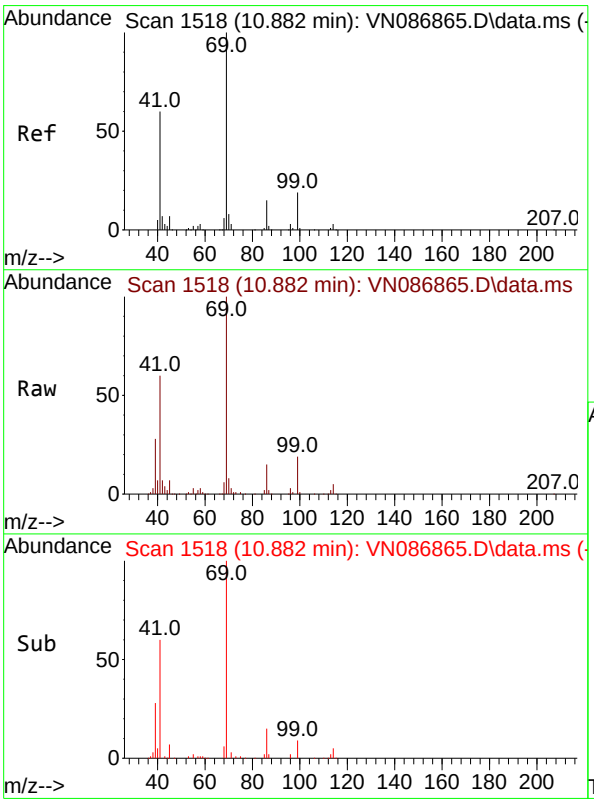
#55
1,1,2-Trichloroethane
Concen: 47.445 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 121969

Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.7	104.5
85	56.4	45.1	67.7
99	63.2	50.6	75.8

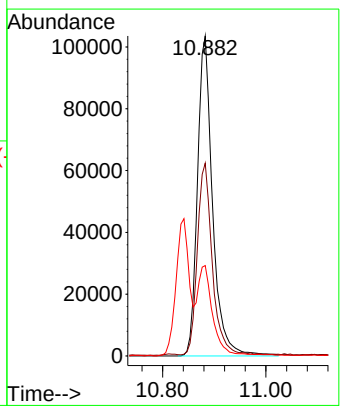


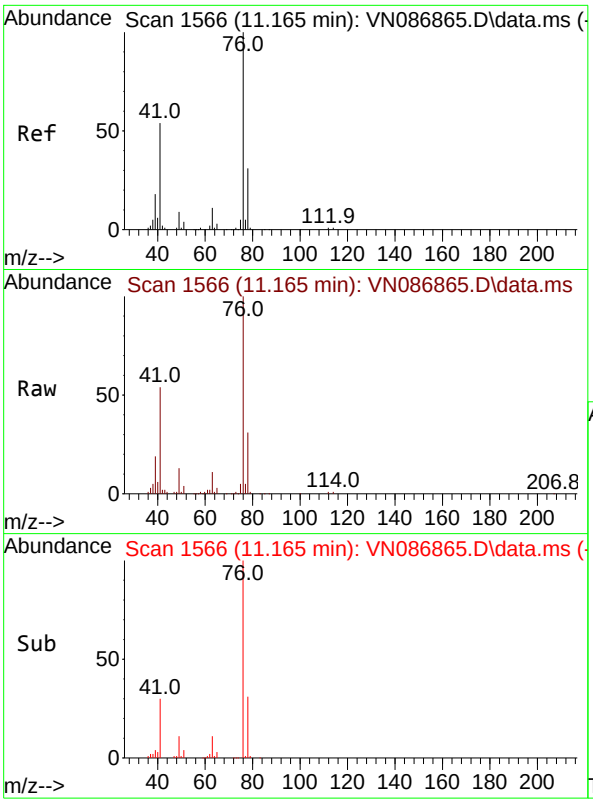


#56
Ethyl methacrylate
Concen: 51.401 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 69 Resp: 210467

Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.2	70.8
39	28.8	23.0	34.6



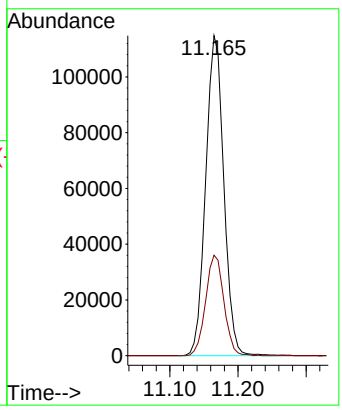


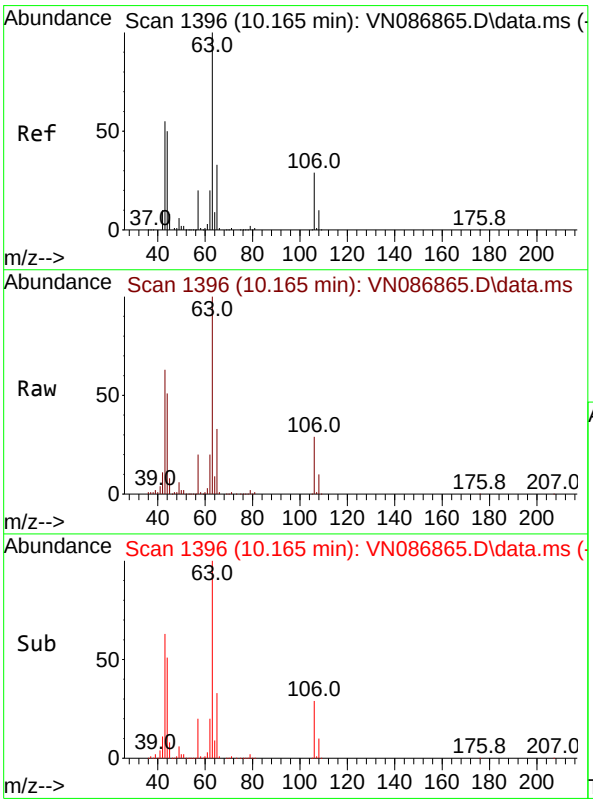
#57
1,3-Dichloropropane
Concen: 47.593 ug/l
RT: 11.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 212243

Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.3	37.9

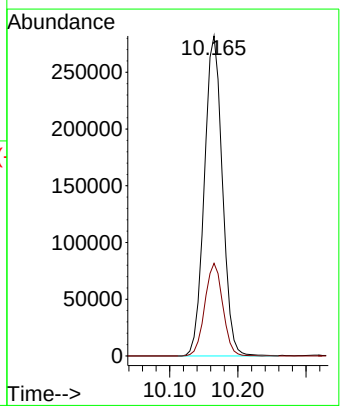


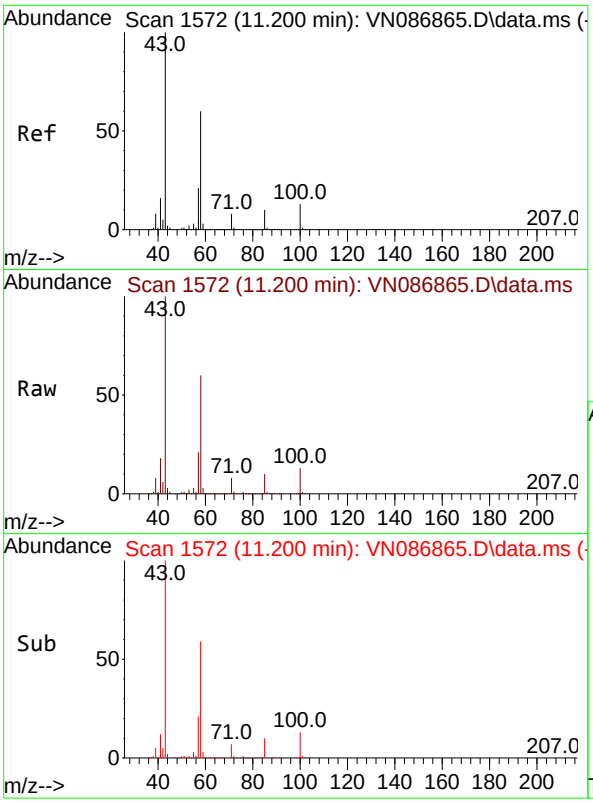


#58
2-Chloroethyl Vinyl ether
Concen: 212.570 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 63 Resp: 519139

Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.0	34.6



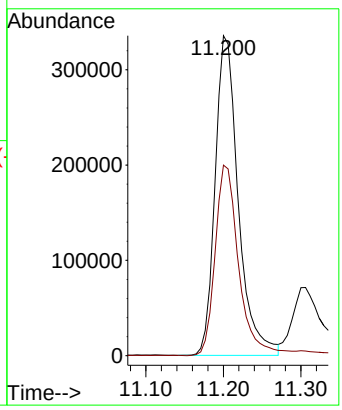


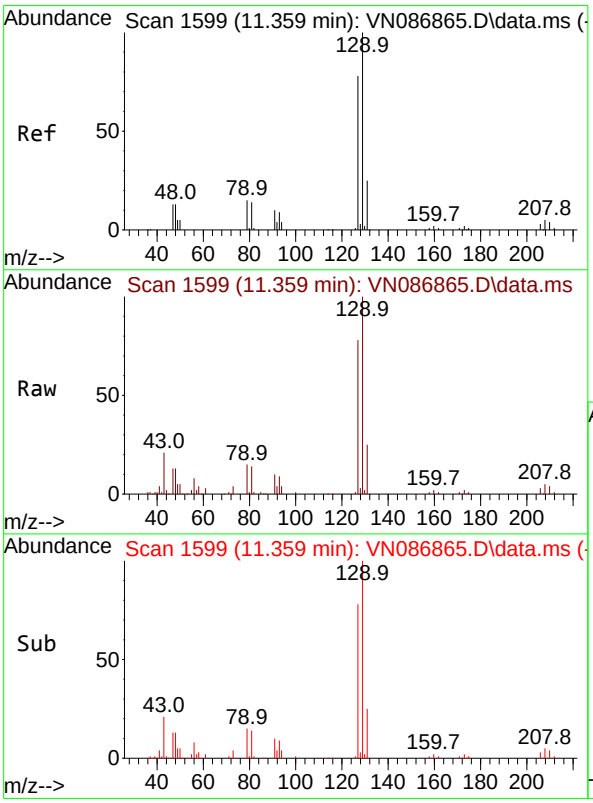
#59
2-Hexanone
Concen: 262.977 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 696567

Ion	Ratio	Lower	Upper
43	100		
58	60.9	30.4	91.3

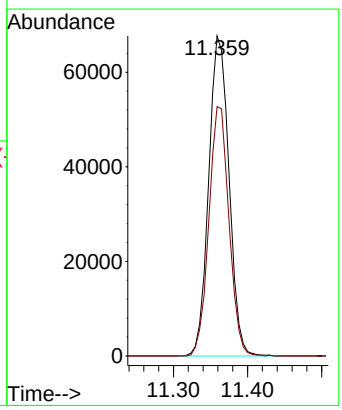


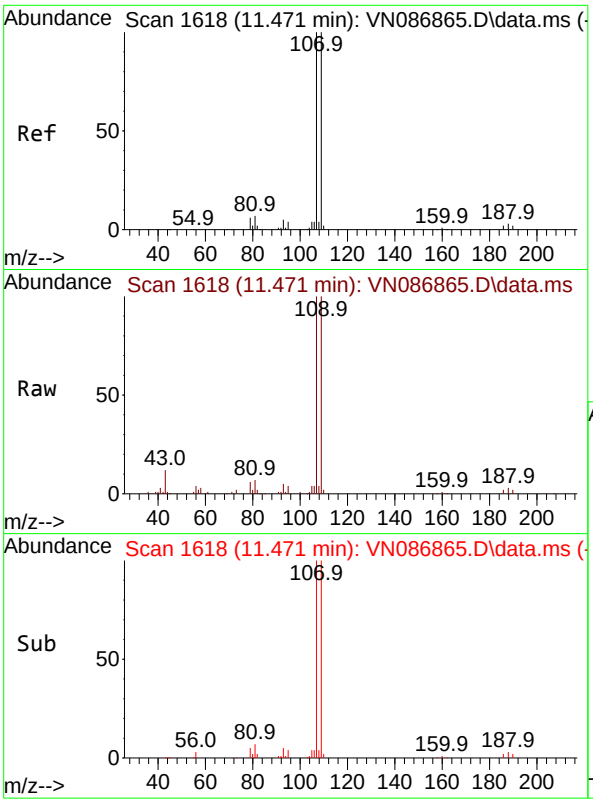


#60
Dibromochloromethane
Concen: 48.056 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:129 Resp: 128715

Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.6	115.8



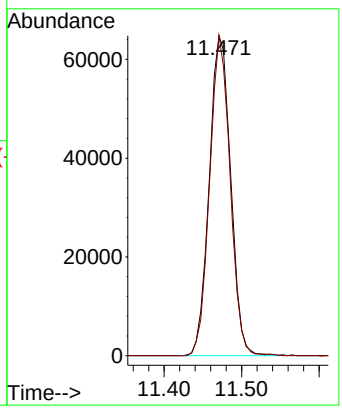


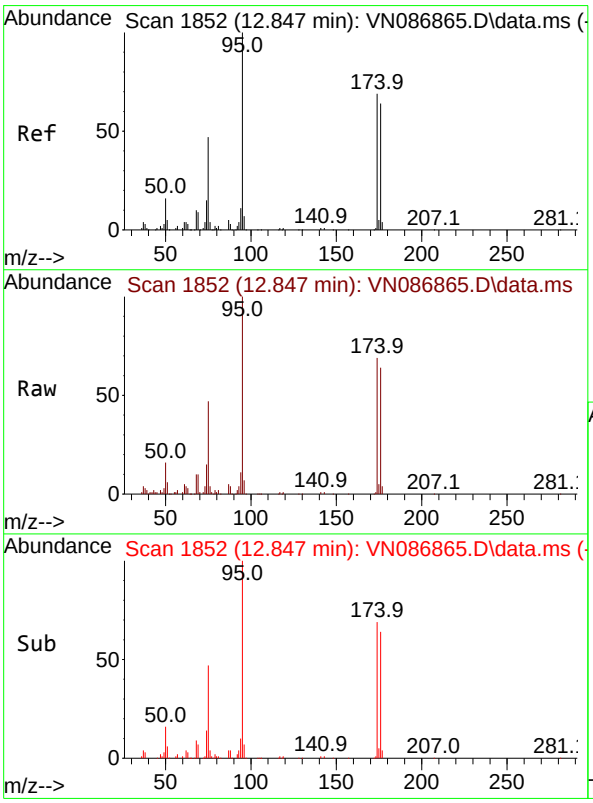
#61
1,2-Dibromoethane
Concen: 47.258 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 124522

Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.3	114.5

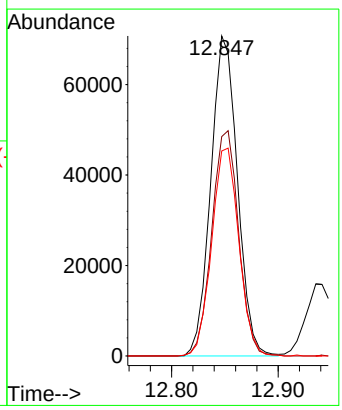


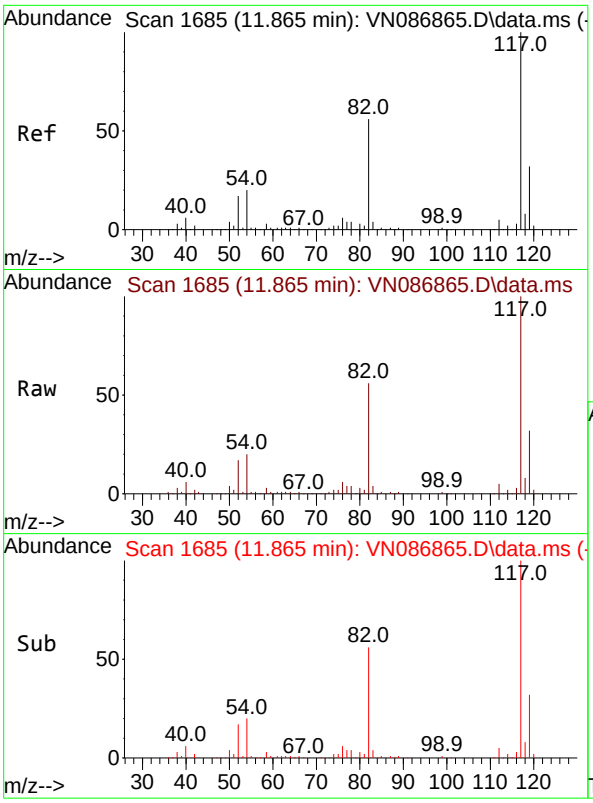


#62
4-Bromofluorobenzene
Concen: 37.264 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 95 Resp: 122965

Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	141.8
176	66.3	0.0	132.6



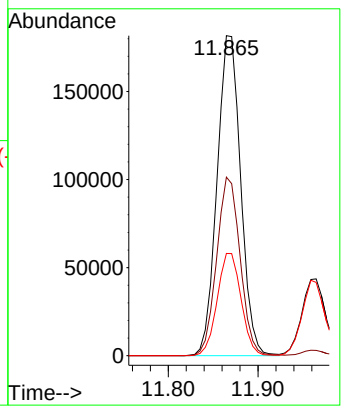


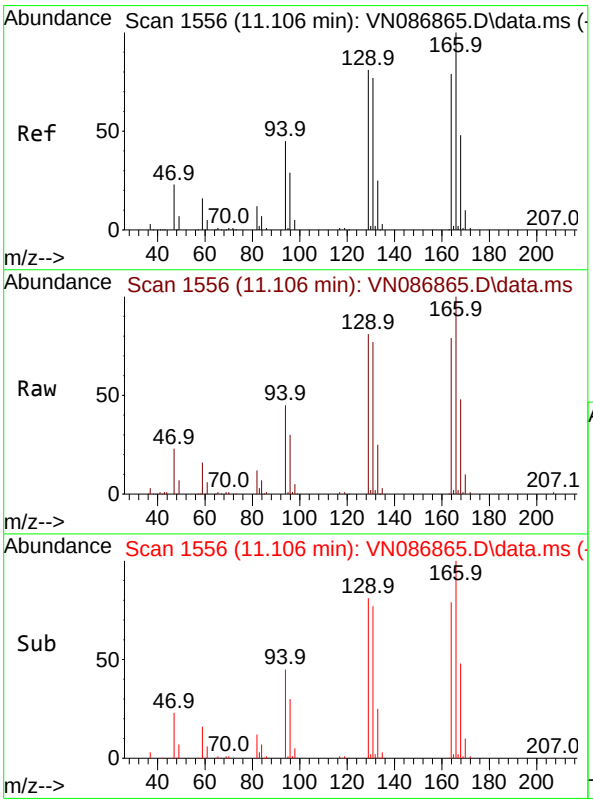
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 332766

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	67.0
119	31.9	25.5	38.3

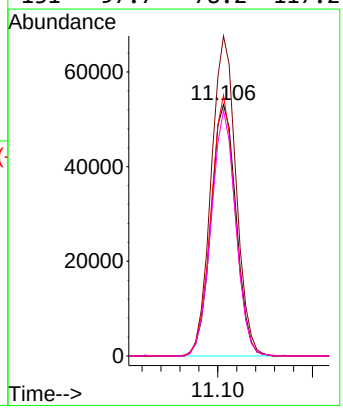


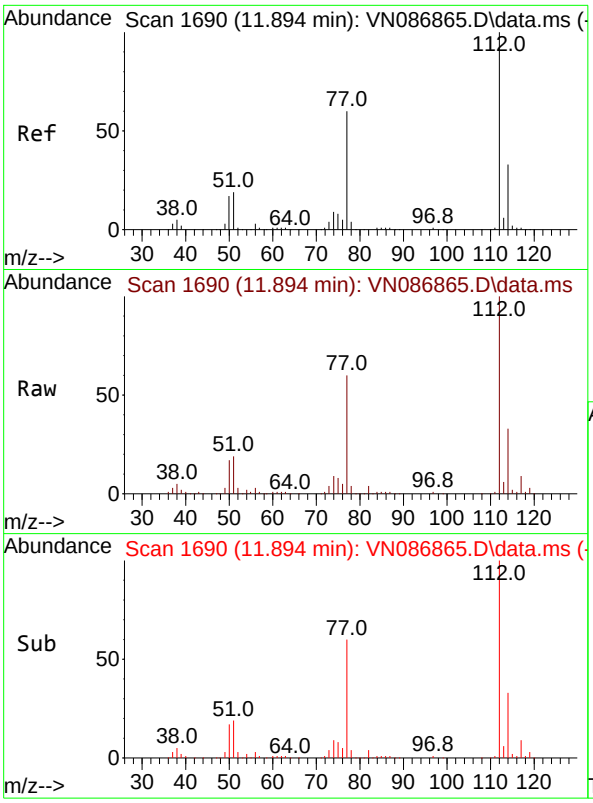


#64
Tetrachloroethene
Concen: 46.382 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:164 Resp: 97679

Ion	Ratio	Lower	Upper
164	100		
166	127.3	101.8	152.8
129	103.7	83.0	124.4
131	97.7	78.2	117.2



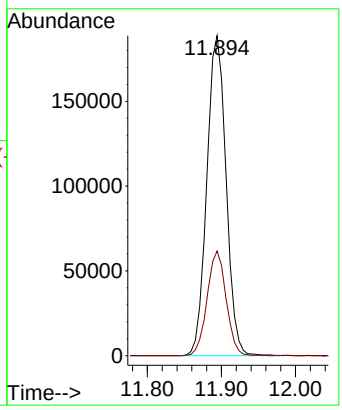


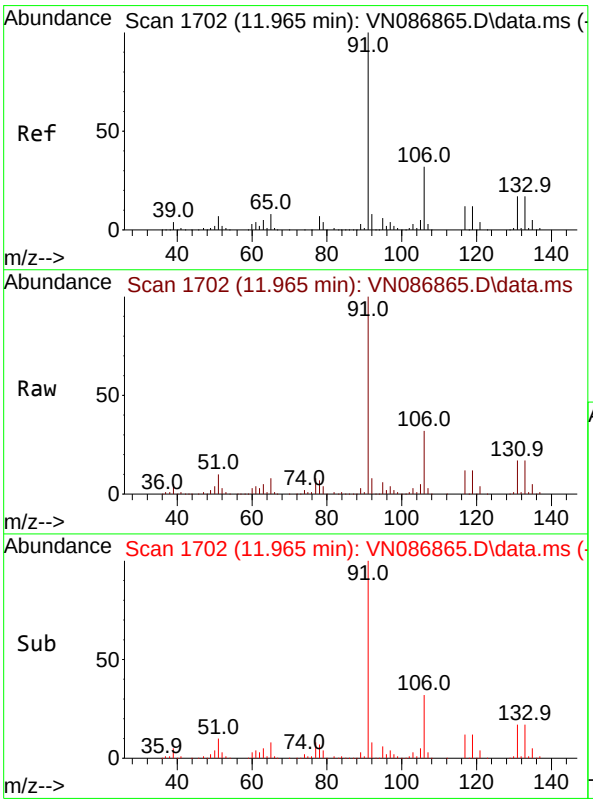
#65
Chlorobenzene
Concen: 46.386 ug/l
RT: 11.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 340439

Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.2	39.2

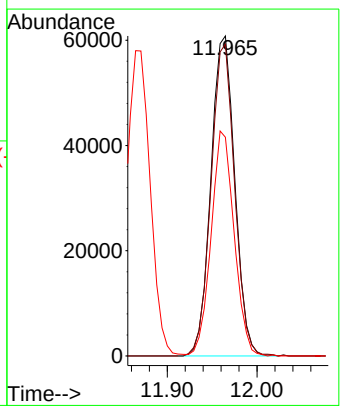


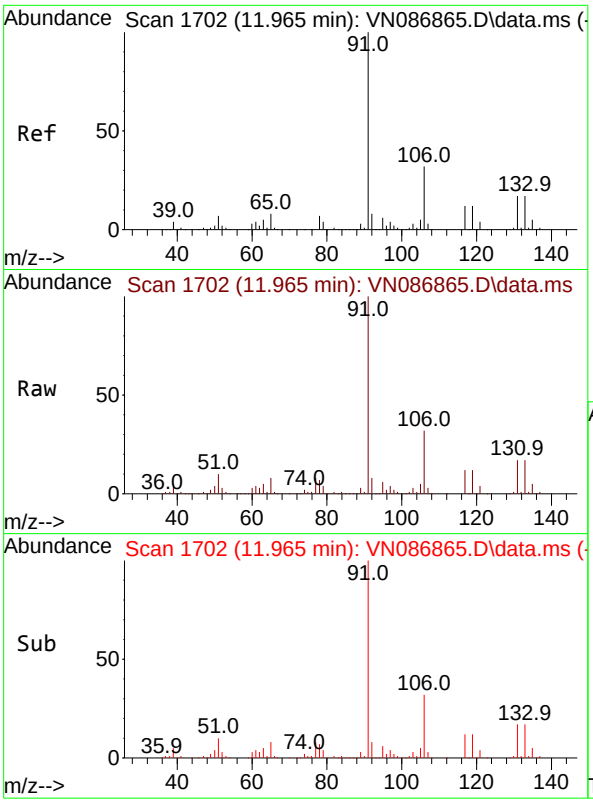


#66
1,1,1,2-Tetrachloroethane
Concen: 47.615 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:131 Resp: 112333

Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.3	144.8
119	67.9	34.0	101.8



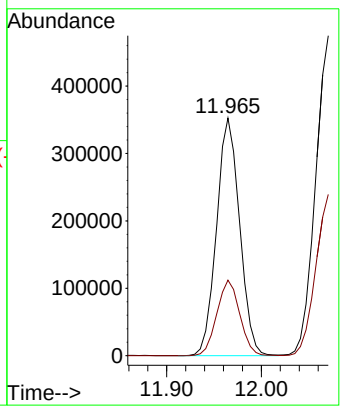


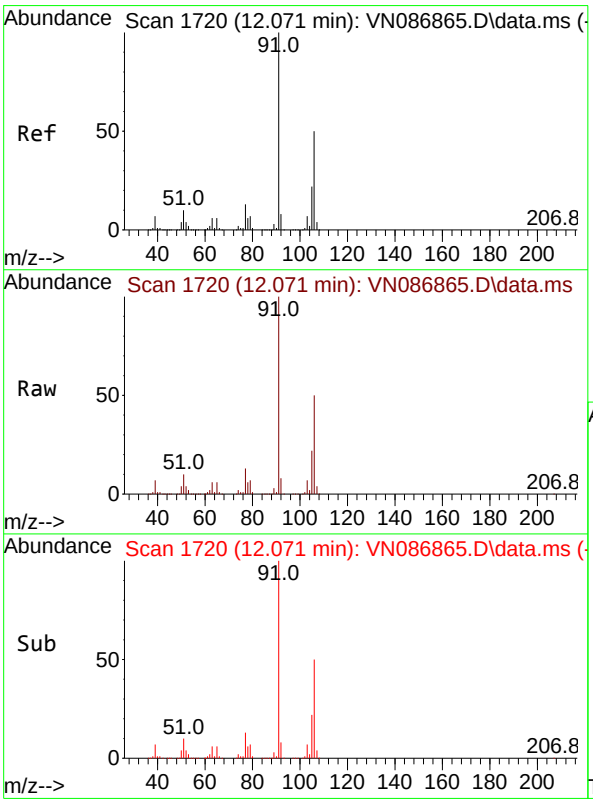
#67
Ethyl Benzene
Concen: 47.271 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 597593

Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.4	38.2

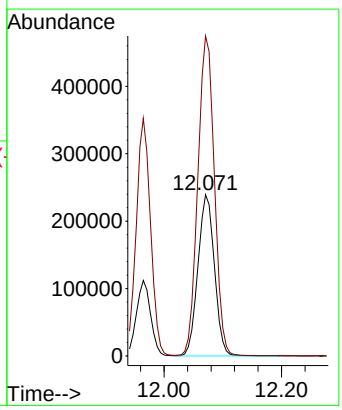


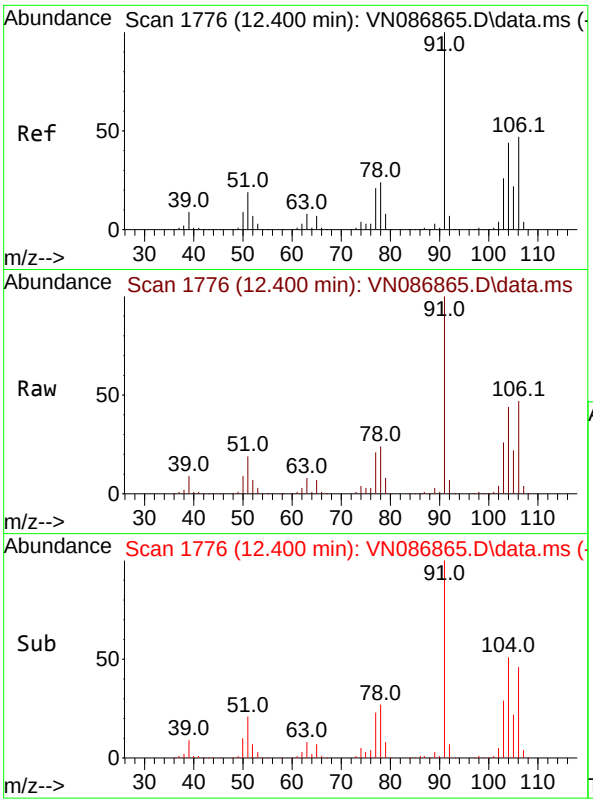


#68
m/p-Xylenes
Concen: 96.424 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:106 Resp: 466620

Ion	Ratio	Lower	Upper
106	100		
91	199.2	159.4	239.0



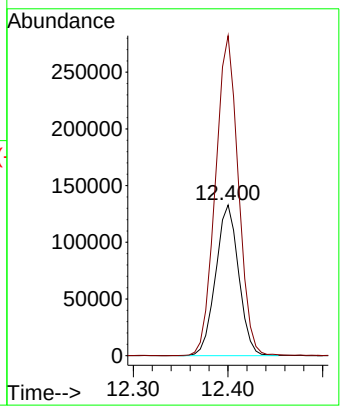


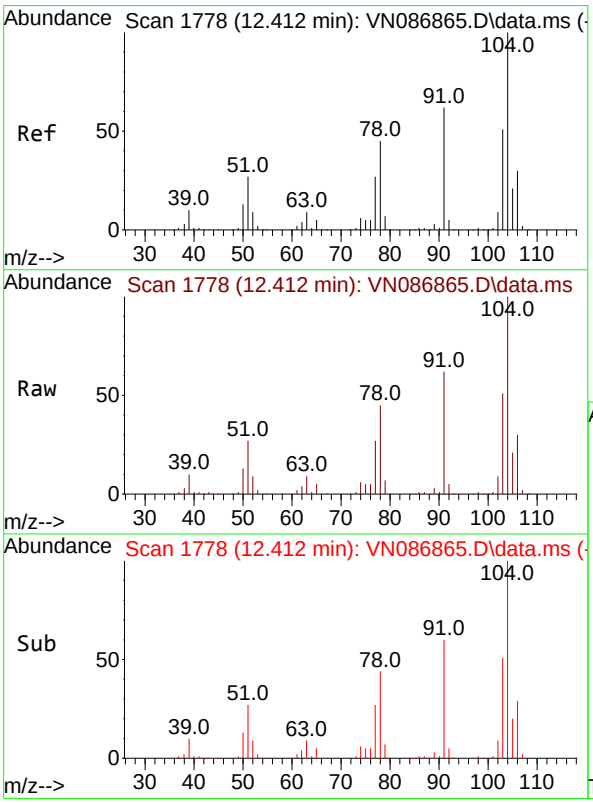
#69
o-Xylene
Concen: 48.395 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 224299

Ion	Ratio	Lower	Upper
106	100		
91	212.1	106.1	318.1

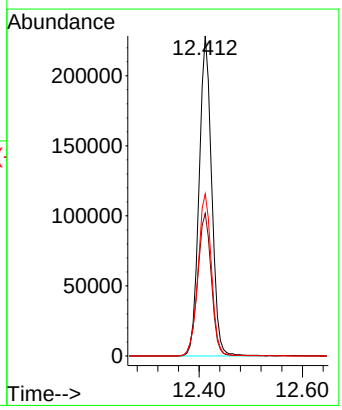


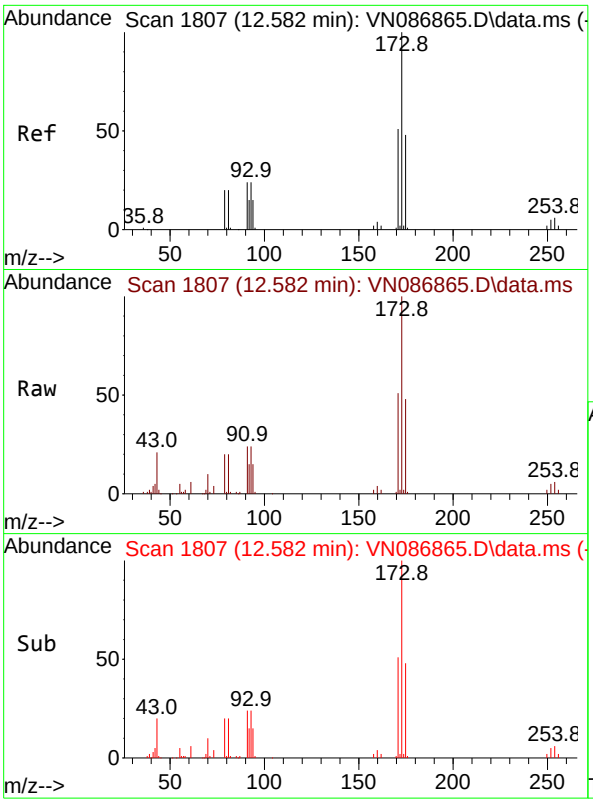


#70
Styrene
Concen: 48.745 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:104 Resp: 386596

Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.5	57.7
103	53.9	43.1	64.7



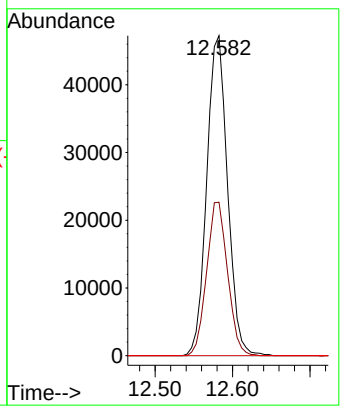


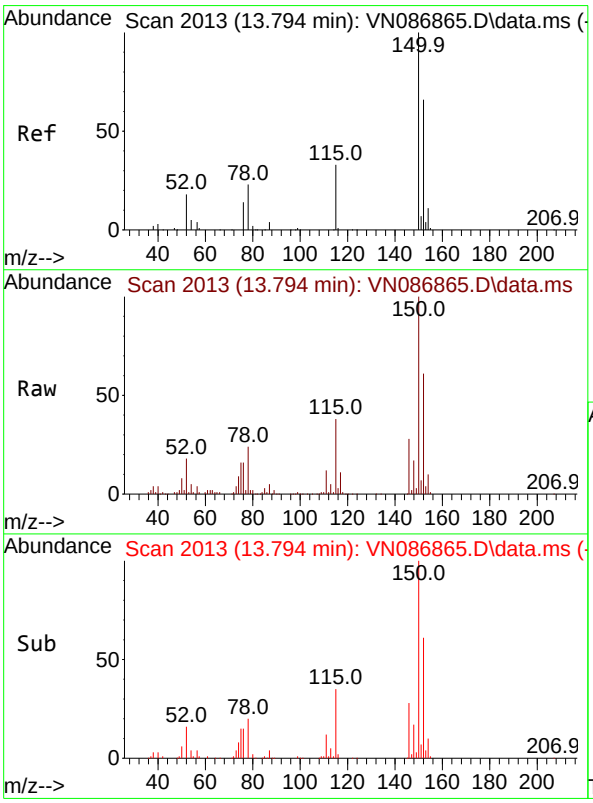
#71
Bromoform
Concen: 50.415 ug/l
RT: 12.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 88127

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.0	0.0

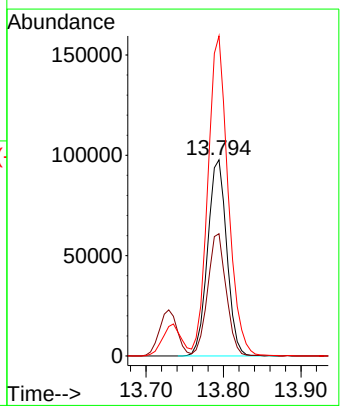


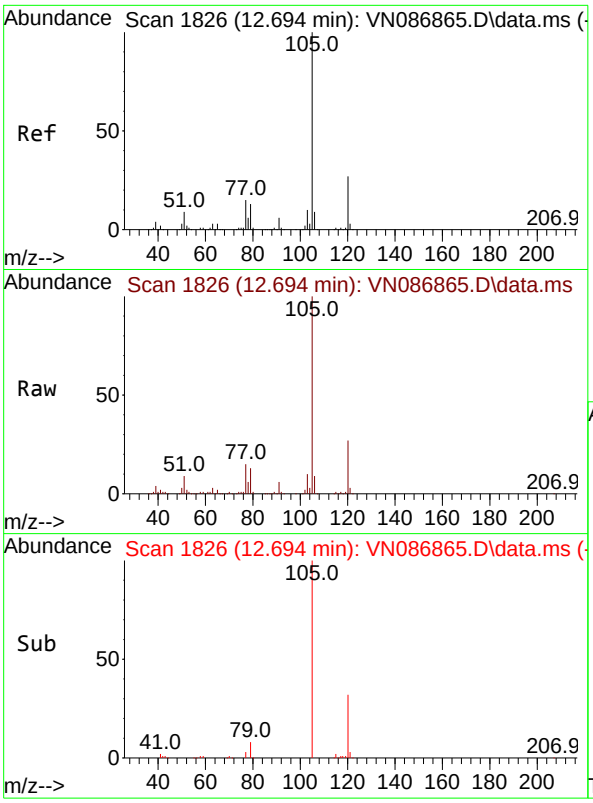


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:152 Resp: 167532

Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.1	90.5
150	172.5	0.0	345.0



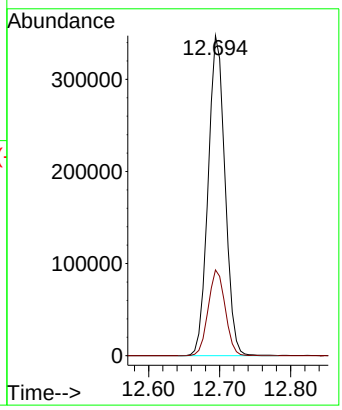


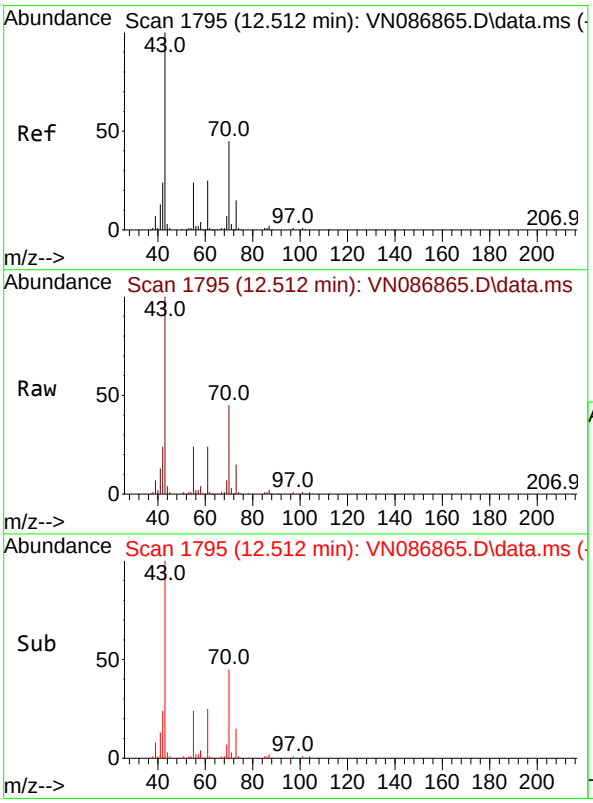
#73
Isopropylbenzene
Concen: 47.023 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 573905

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4

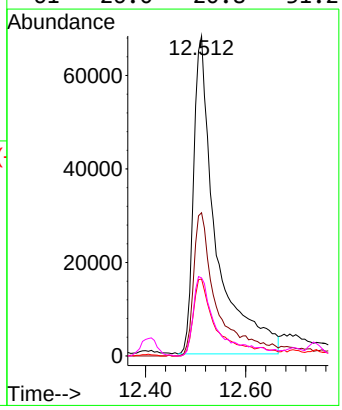


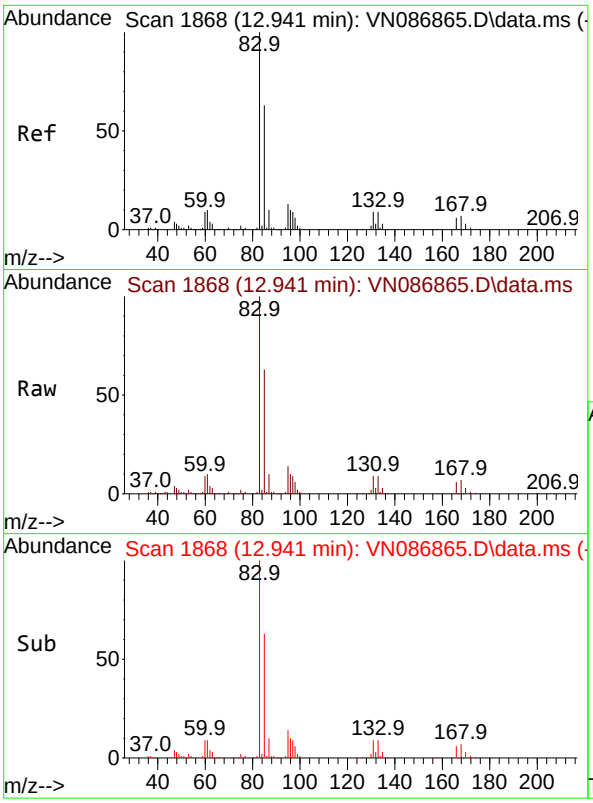


#74
N-amyl acetate
Concen: 52.353 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 43 Resp: 212064

Ion	Ratio	Lower	Upper
43	100		
70	47.0	37.6	56.4
55	23.8	19.0	28.6
61	26.0	20.8	31.2



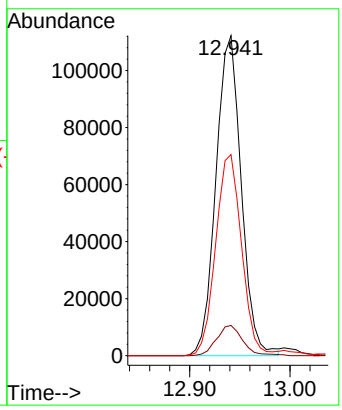


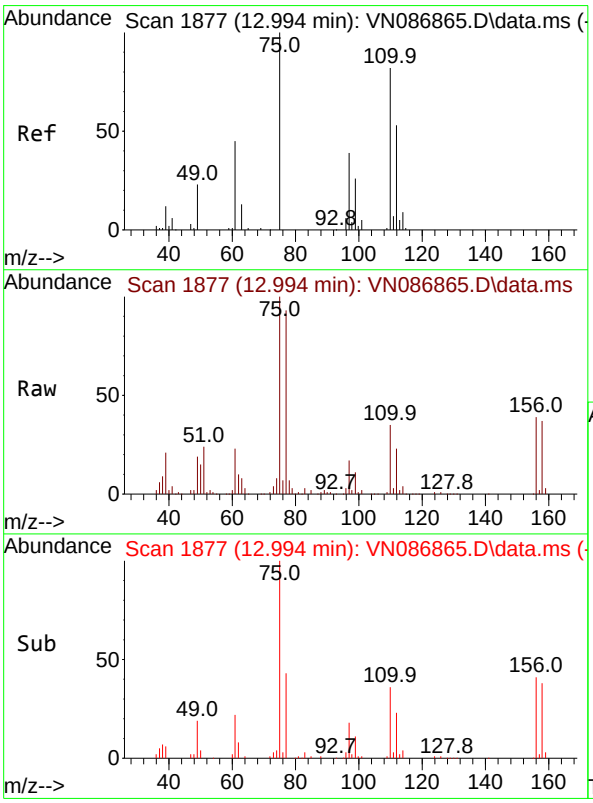
#75
1,1,2,2-Tetrachloroethane
Concen: 47.732 ug/l
RT: 12.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 197360

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.0	32.0	96.0

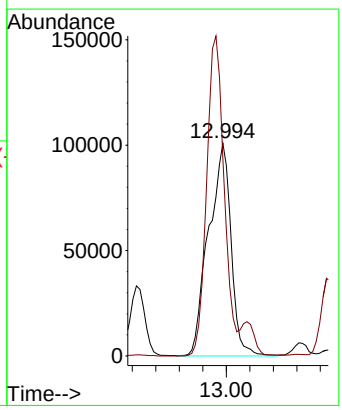


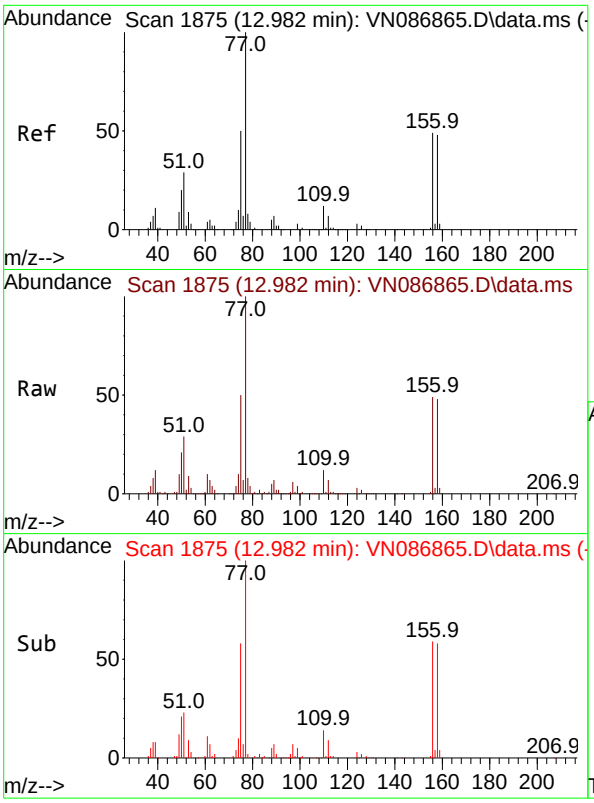


#76
1,2,3-Trichloropropane
Concen: 66.959 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 267483

Ion	Ratio	Lower	Upper
75	100		
77	116.5	79.3	237.9



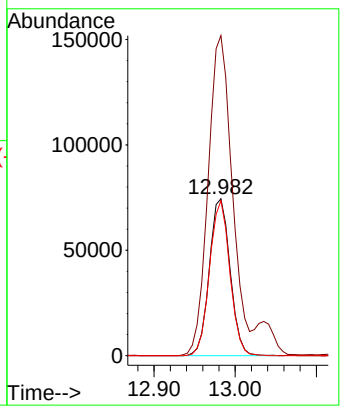


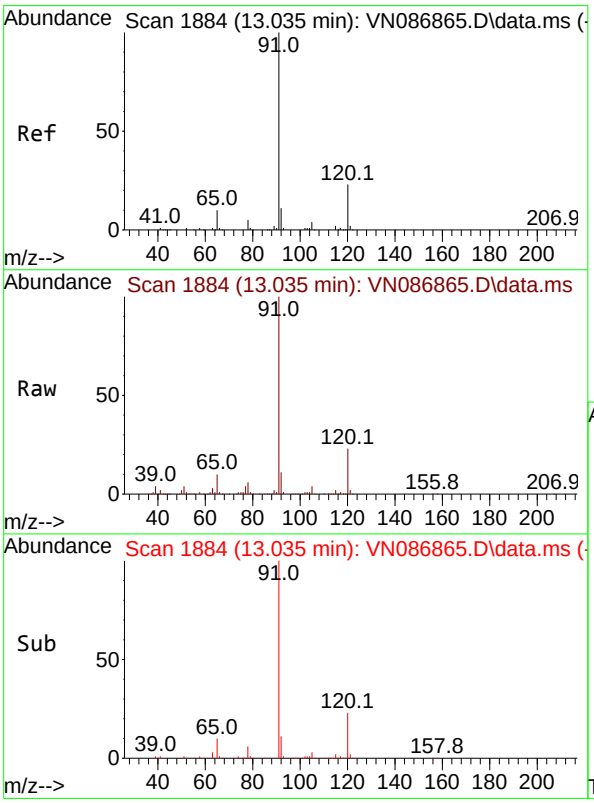
#77
Bromobenzene
Concen: 47.296 ug/l
RT: 12.982 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 132381

Ion	Ratio	Lower	Upper
156	100		
77	235.4	117.7	353.1
158	96.3	48.1	144.4

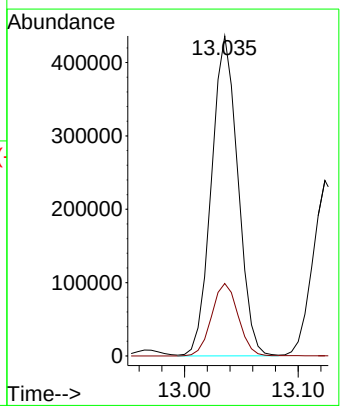


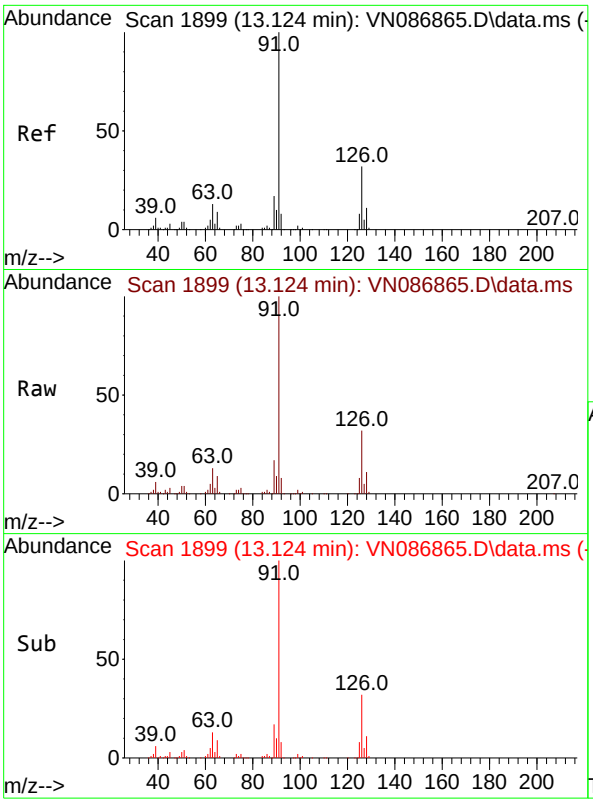


#78
n-propylbenzene
Concen: 47.567 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 91 Resp: 705524

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.2



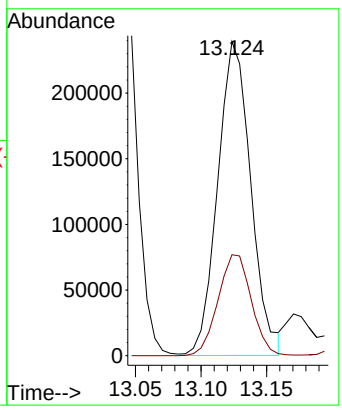


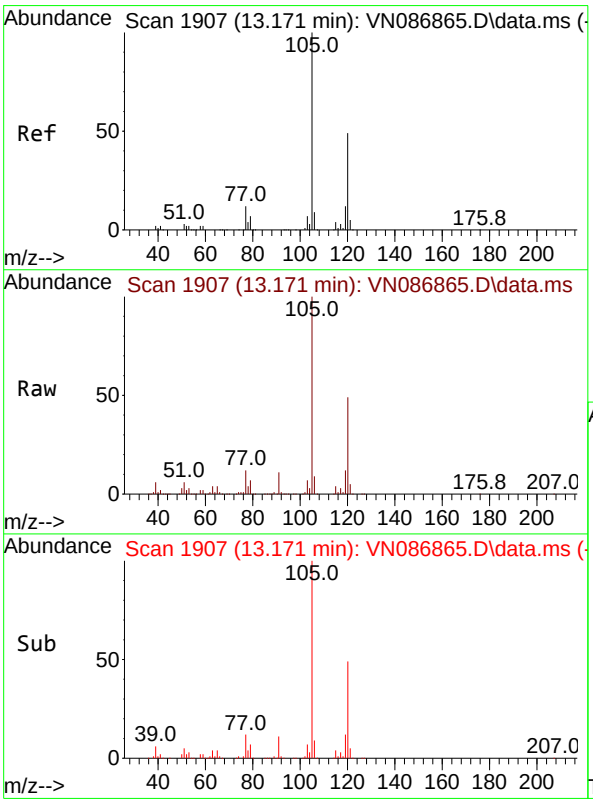
#79
2-Chlorotoluene
Concen: 47.216 ug/l
RT: 13.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 419986

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.2	48.5

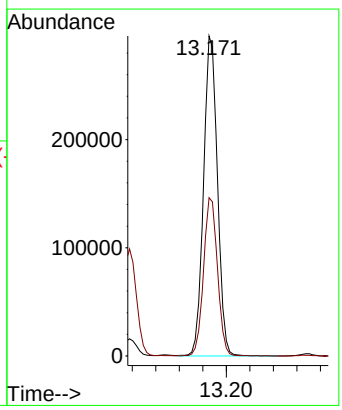


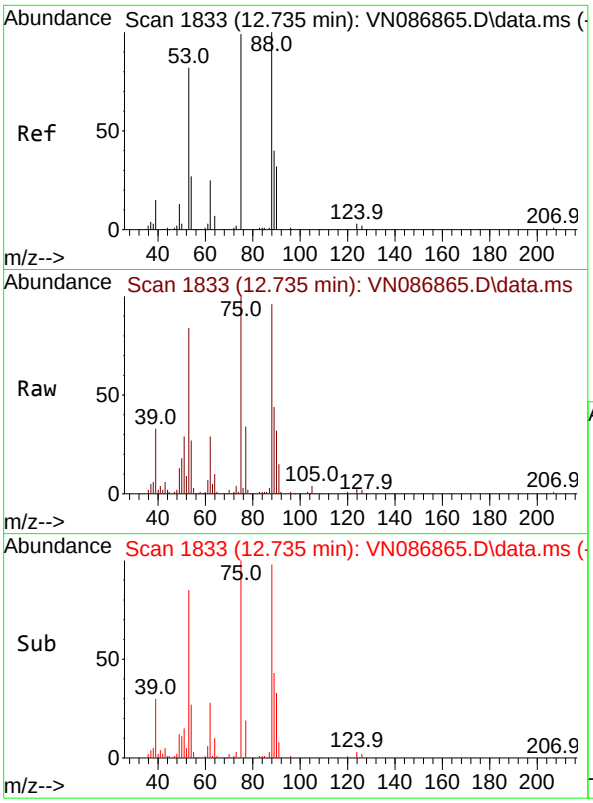


#80
1,3,5-Trimethylbenzene
Concen: 48.181 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:105 Resp: 485499

Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.9	74.6



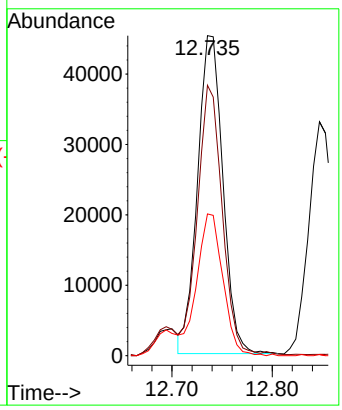


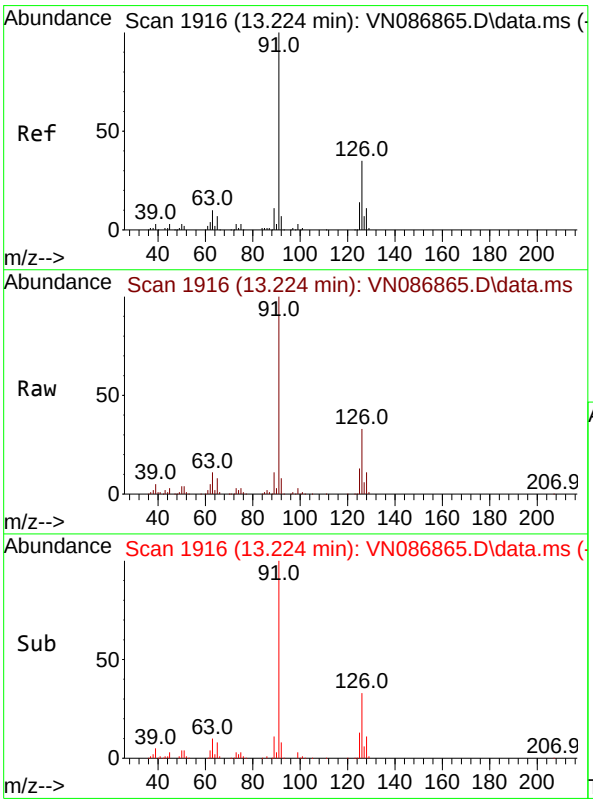
#81
trans-1,4-Dichloro-2-butene
Concen: 46.089 ug/l
RT: 12.735 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 79732

Ion	Ratio	Lower	Upper
75	100		
53	83.2	66.6	99.8
89	45.9	36.7	55.1

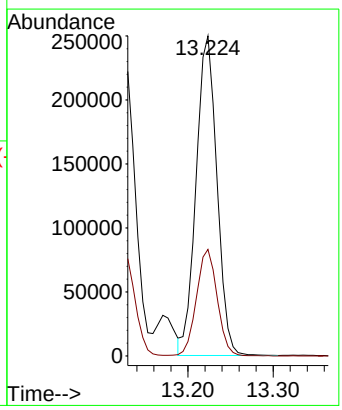


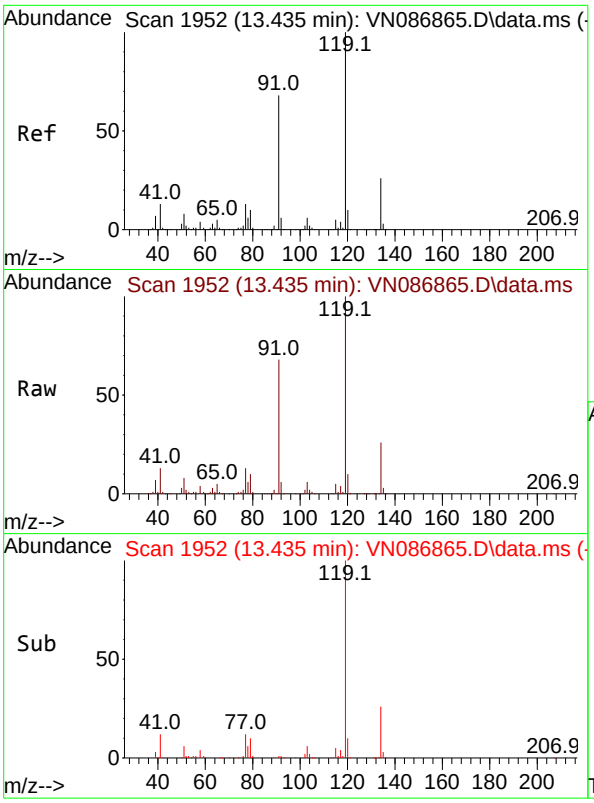


#82
4-Chlorotoluene
Concen: 47.117 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 91 Resp: 424066

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.7	50.1



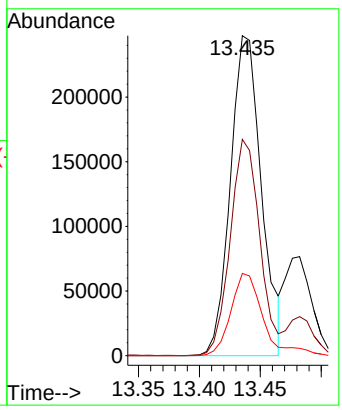


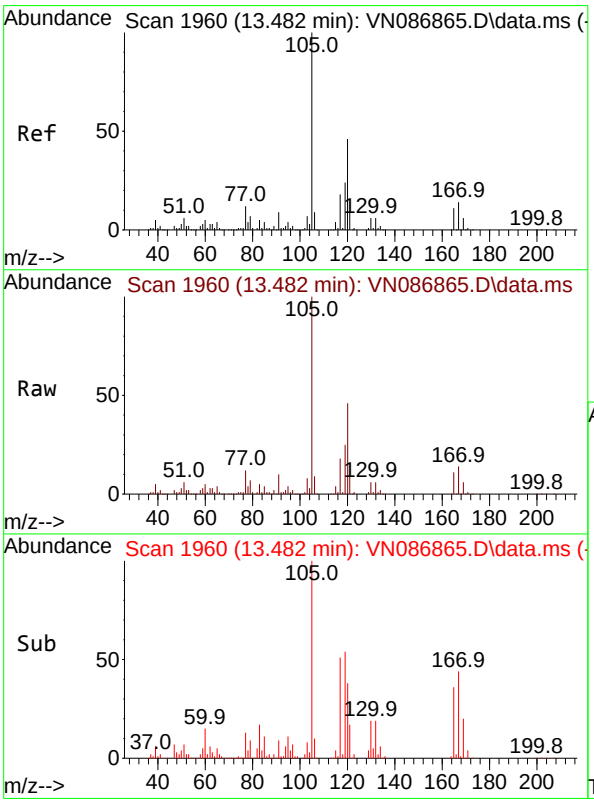
#83
tert-Butylbenzene
Concen: 47.531 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 438417

Ion	Ratio	Lower	Upper
119	100		
91	64.3	32.1	96.5
134	26.7	13.4	40.1

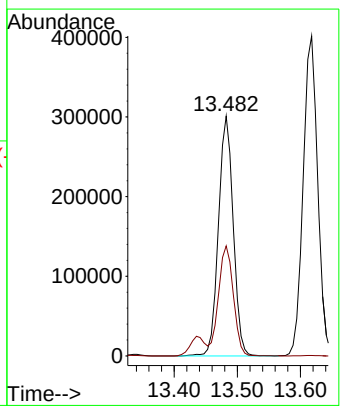


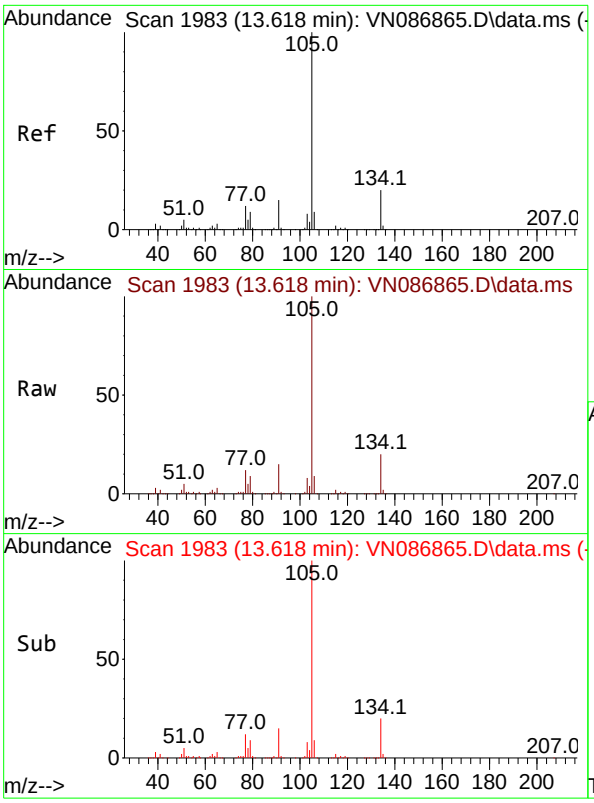


#84
1,2,4-Trimethylbenzene
Concen: 48.314 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:105 Resp: 488189

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.2	69.6



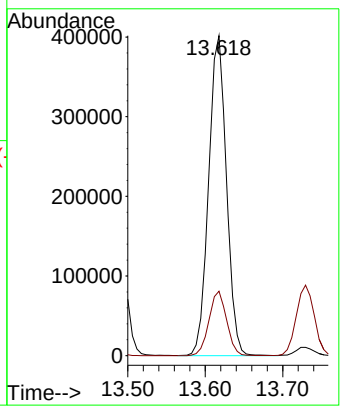


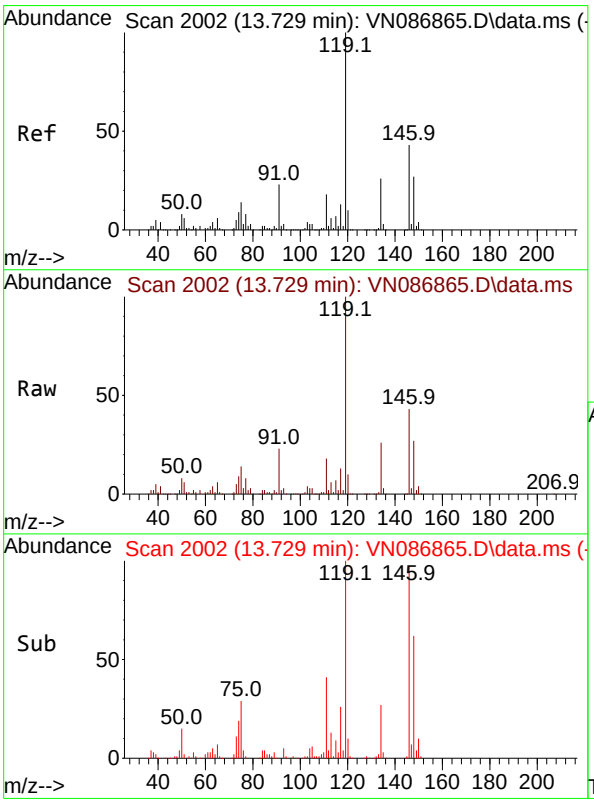
#85
sec-Butylbenzene
Concen: 47.893 ug/l
RT: 13.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 641523

Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.0	30.0

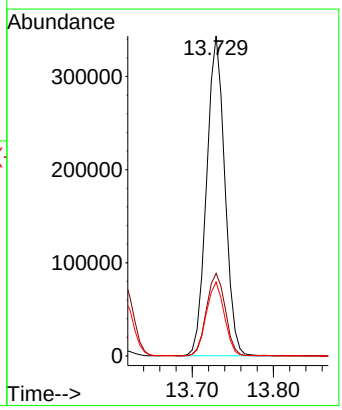


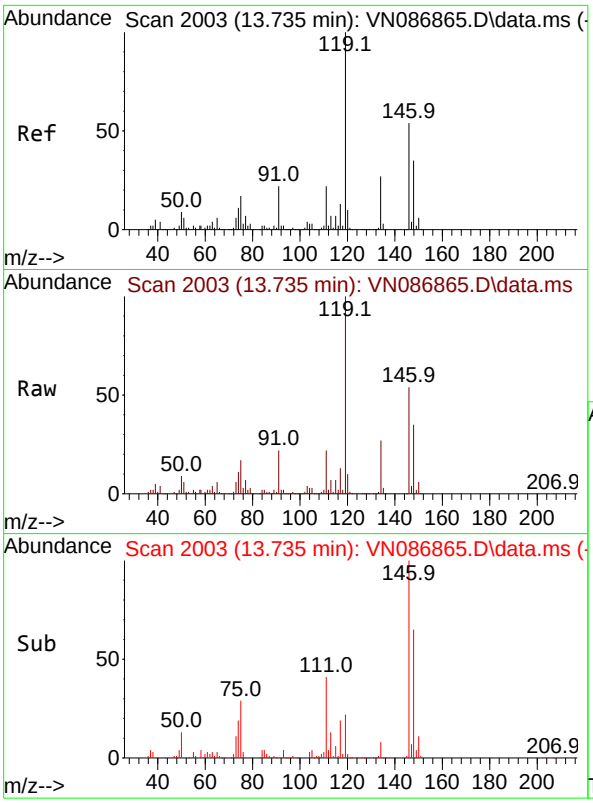


#86
p-Isopropyltoluene
Concen: 48.169 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:119 Resp: 533366

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.4
91	22.9	11.5	34.4



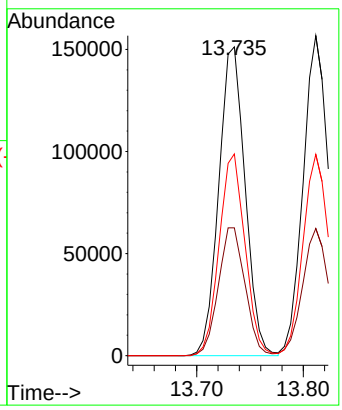


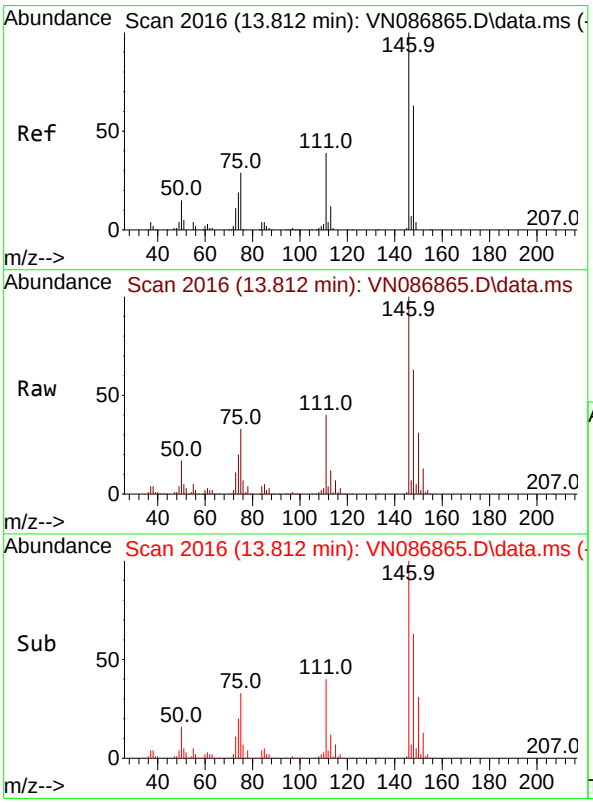
#87
1,3-Dichlorobenzene
Concen: 47.269 ug/l
RT: 13.735 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 260310

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.8
148	64.1	32.0	96.2

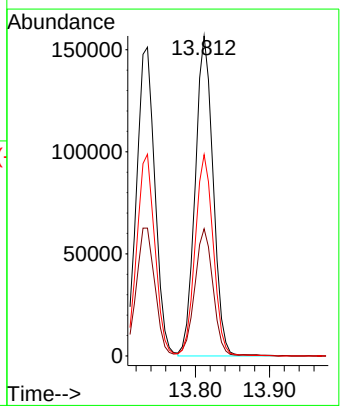


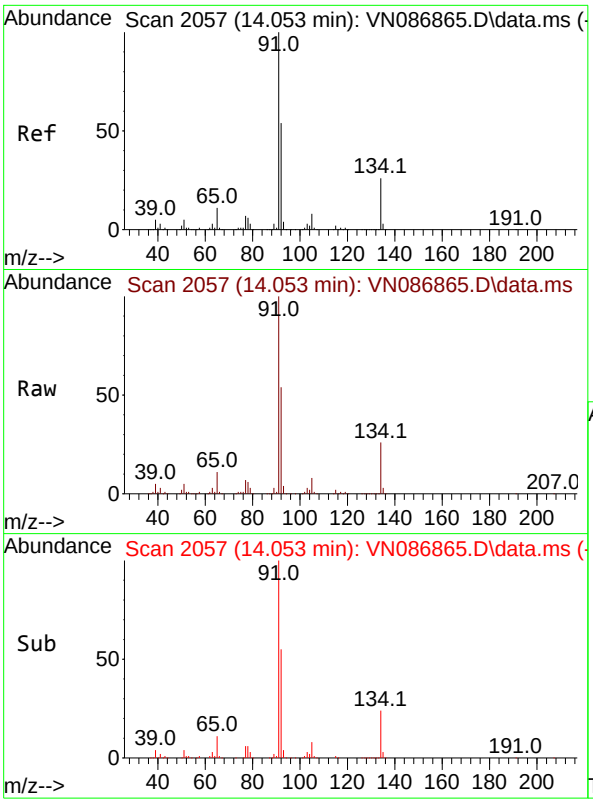


#88
1,4-Dichlorobenzene
Concen: 46.907 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:146 Resp: 263358

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	63.6	31.8	95.4



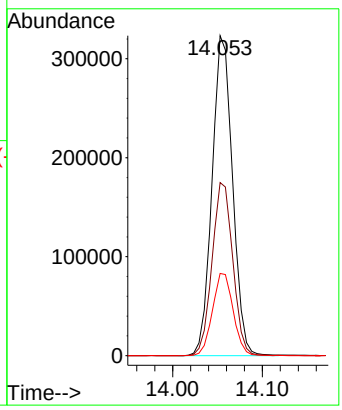


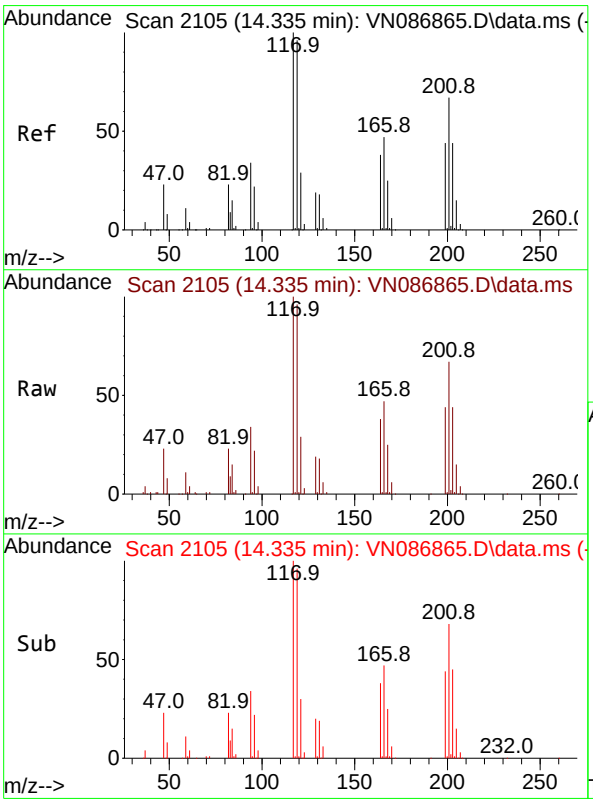
#89
n-Butylbenzene
Concen: 47.787 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 512519

Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	26.0	13.0	39.0

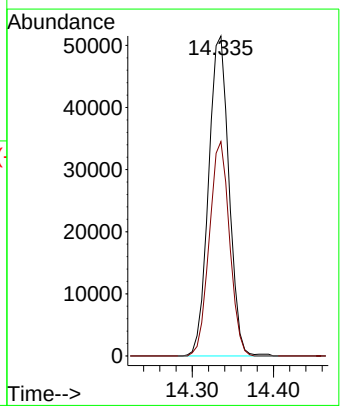


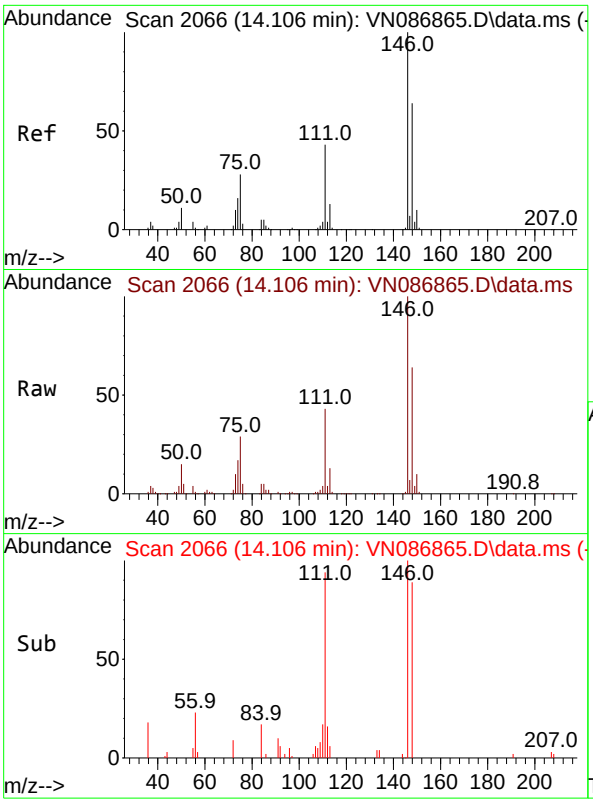


#90
Hexachloroethane
Concen: 47.896 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:117 Resp: 89896

Ion	Ratio	Lower	Upper
117	100		
201	66.4	33.2	99.6



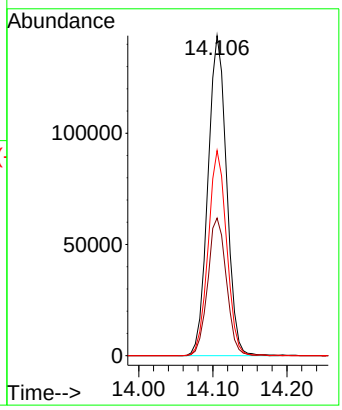


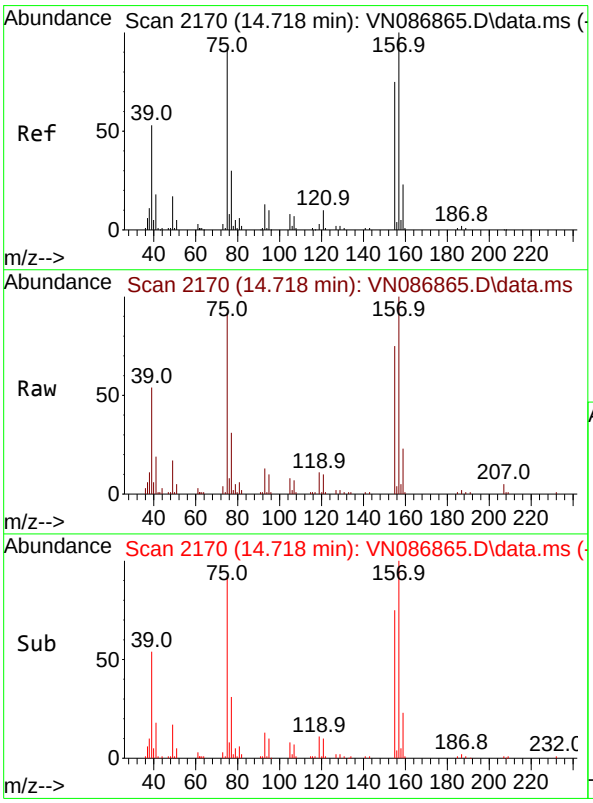
#91
1,2-Dichlorobenzene
Concen: 47.486 ug/l
RT: 14.106 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 251235

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	64.6
148	63.4	31.7	95.1

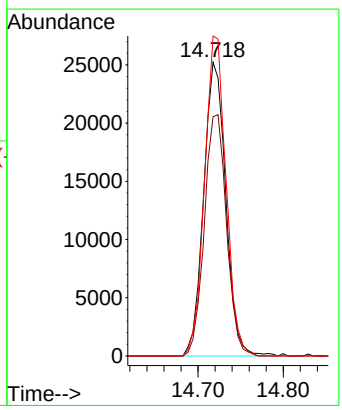


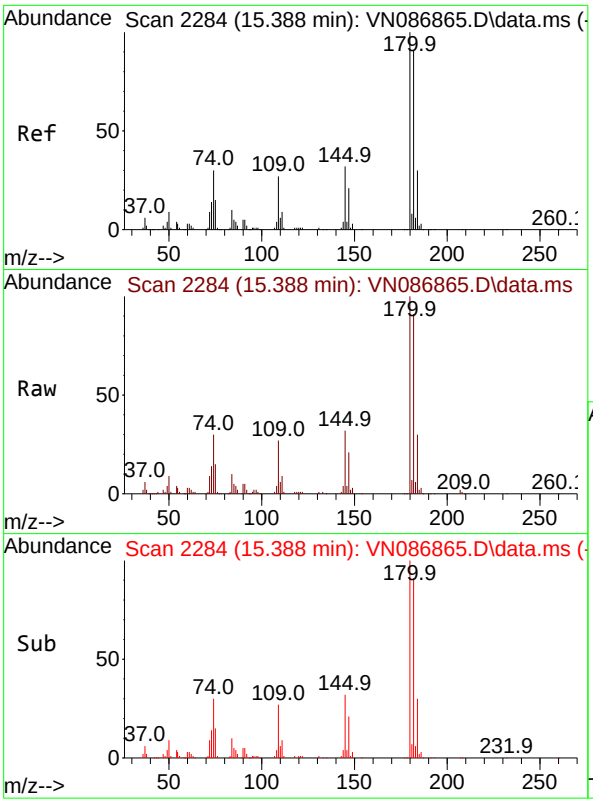


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.049 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion: 75 Resp: 45535

Ion	Ratio	Lower	Upper
75	100		
155	82.3	41.1	123.4
157	105.4	52.7	158.1



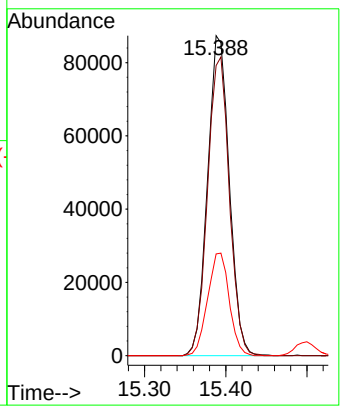


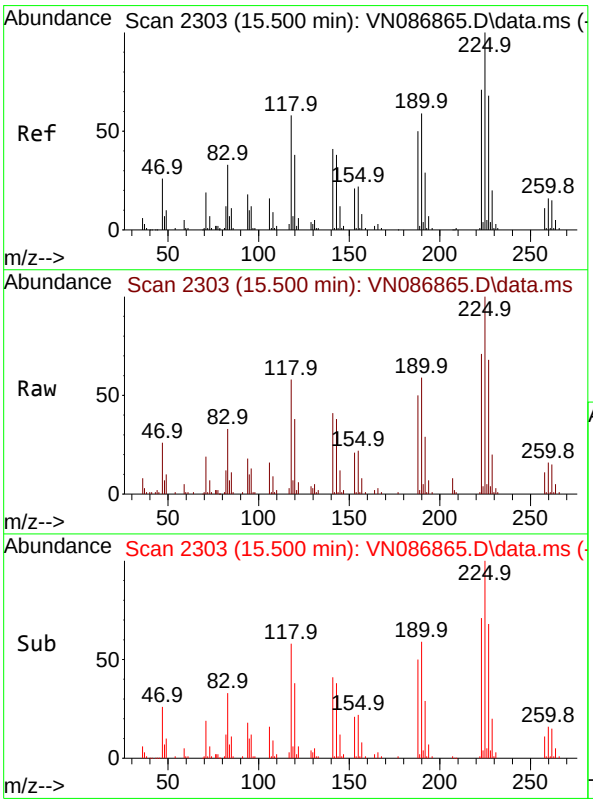
#93
1,2,4-Trichlorobenzene
Concen: 48.061 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 162374

Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.7
145	31.9	16.0	47.9

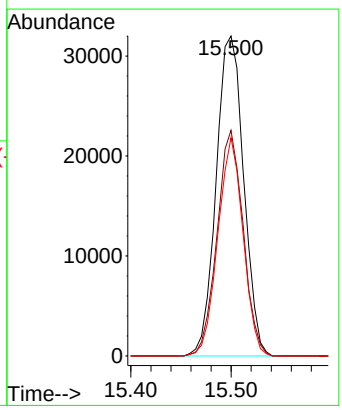


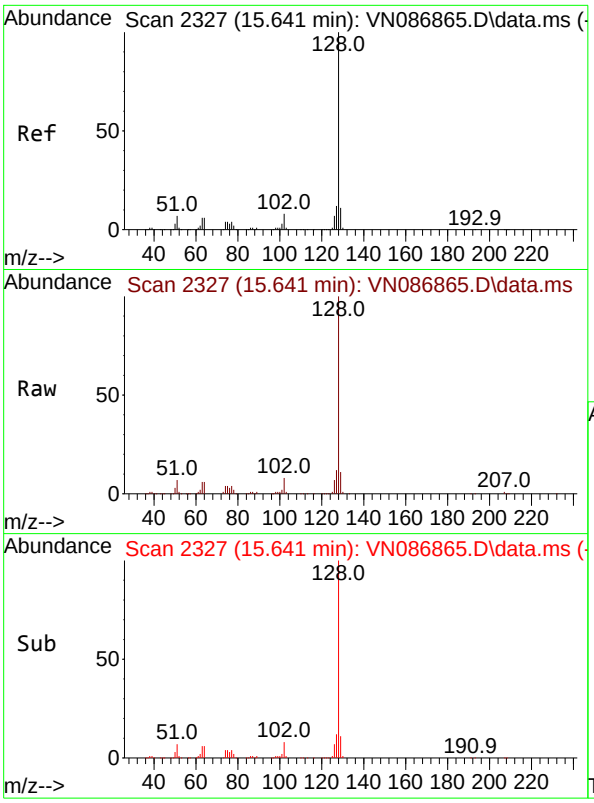


#94
Hexachlorobutadiene
Concen: 48.356 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:225 Resp: 60866

Ion	Ratio	Lower	Upper
225	100		
223	66.9	33.5	100.4
227	62.3	31.1	93.5



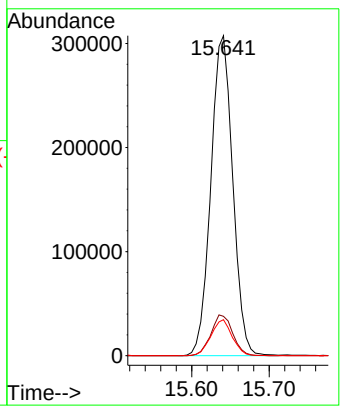


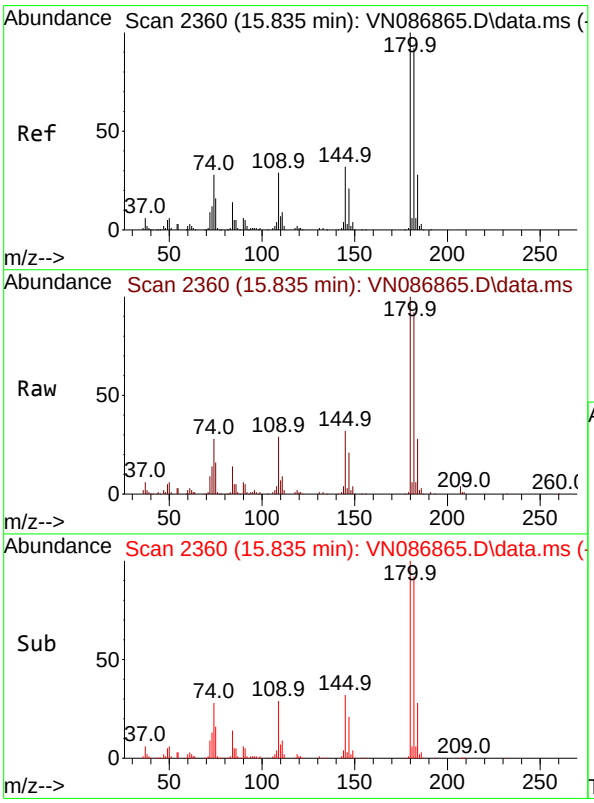
#95
Naphthalene
Concen: 47.958 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 603088

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

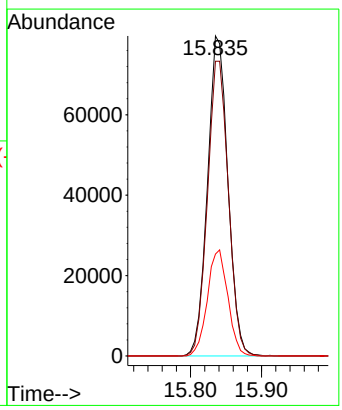




#96
1,2,3-Trichlorobenzene
Concen: 47.402 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086865.D
Acq: 06 Jun 2025 14:03

Tgt Ion:180 Resp: 159113

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.0	141.0
145	33.2	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	181996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	290313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	238957	98.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 196.120%#			
35) Dibromofluoromethane	8.177	113	195212	100.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.980%#			
50) Toluene-d8	10.570	98	772210	100.419	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 200.840%#			
62) 4-Bromofluorobenzene	12.847	95	292385	102.339	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 204.680%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	194799	107.350	ug/l	100
3) Chloromethane	2.395	50	224558	95.833	ug/l	98
4) Vinyl Chloride	2.553	62	245135	101.414	ug/l	98
5) Bromomethane	2.977	94	137967	101.996	ug/l	99
6) Chloroethane	3.147	64	152150	97.447	ug/l	97
7) Trichlorofluoromethane	3.524	101	312394	98.917	ug/l	99
8) Diethyl Ether	3.983	74	139844	101.631	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	198739	100.163	ug/l	99
10) Methyl Iodide	4.612	142	262771	102.162	ug/l	99
11) Tert butyl alcohol	5.547	59	327987	496.062	ug/l	99
12) 1,1-Dichloroethene	4.359	96	200212	98.838	ug/l	99
13) Acrolein	4.200	56	94171	449.961	ug/l	98
14) Allyl chloride	5.047	41	329412	98.055	ug/l	99
15) Acrylonitrile	5.735	53	770470	498.552	ug/l	99
16) Acetone	4.447	43	608178	470.648	ug/l	98
17) Carbon Disulfide	4.736	76	544511	97.179	ug/l	100
18) Methyl Acetate	5.047	43	381808	101.390	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	735694	100.306	ug/l	100
20) Methylene Chloride	5.294	84	228800	94.575	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	215177	95.476	ug/l	99
22) Diisopropyl ether	6.688	45	696881	98.409	ug/l	98
23) Vinyl Acetate	6.618	43	2919350	487.936	ug/l	100
24) 1,1-Dichloroethane	6.588	63	404207	99.186	ug/l	99
25) 2-Butanone	7.494	43	1043385	496.743	ug/l	100
26) 2,2-Dichloropropane	7.500	77	331995	104.729	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	265248	98.410	ug/l	99
28) Bromochloromethane	7.824	49	188050	93.851	ug/l	99
29) Tetrahydrofuran	7.847	42	677636	495.240	ug/l	99
30) Chloroform	7.977	83	394927	97.040	ug/l	99
31) Cyclohexane	8.265	56	374933	94.869	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	336819	97.306	ug/l	99
36) 1,1-Dichloropropene	8.382	75	289907	100.156	ug/l	99
37) Ethyl Acetate	7.571	43	370652	100.591	ug/l	99
38) Carbon Tetrachloride	8.371	117	285325	100.404	ug/l	98
39) Methylcyclohexane	9.606	83	395603	99.758	ug/l	99
40) Benzene	8.612	78	927083	97.946	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.794	41	195946	94.688	ug/l		95
42) 1,2-Dichloroethane	8.676	62	282015	98.232	ug/l		100
43) Isopropyl Acetate	8.694	43	579464	97.981	ug/l		99
44) Trichloroethene	9.359	130	222822	99.280	ug/l		97
45) 1,2-Dichloropropane	9.629	63	230454	100.077	ug/l		98
46) Dibromomethane	9.712	93	155530	101.685	ug/l		99
47) Bromodichloromethane	9.894	83	316375	100.533	ug/l		100
48) Methyl methacrylate	9.682	41	275710	101.288	ug/l		99
49) 1,4-Dioxane	9.706	88	104771	2115.744	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	1843274	517.729	ug/l		99
52) Toluene	10.635	92	578978	100.092	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	359200	102.077	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	383030	101.730	ug/l		99
55) 1,1,2-Trichloroethane	11.017	97	219922	98.808	ug/l		98
56) Ethyl methacrylate	10.882	69	389802	109.955	ug/l		99
57) 1,3-Dichloropropane	11.165	76	382510	99.069	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	1113523	526.621	ug/l		100
59) 2-Hexanone	11.200	43	1301539	567.535	ug/l		99
60) Dibromochloromethane	11.359	129	237965	102.616	ug/l		100
61) 1,2-Dibromoethane	11.470	107	232214	101.787	ug/l		98
64) Tetrachloroethene	11.106	164	181568	98.824	ug/l		94
65) Chlorobenzene	11.894	112	632563	98.793	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	206895	100.521	ug/l		100
67) Ethyl Benzene	11.964	91	1110803	100.717	ug/l		99
68) m/p-Xylenes	12.070	106	854557	202.411	ug/l		99
69) o-Xylene	12.400	106	412719	102.070	ug/l		100
70) Styrene	12.412	104	713548	103.127	ug/l		100
71) Bromoform	12.576	173	165781	108.707	ug/l	#	99
73) Isopropylbenzene	12.694	105	1065297	99.410	ug/l		100
74) N-amyl acetate	12.506	43	403587	113.475	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.941	83	354386	97.616	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	485083	138.300	ug/l		69
77) Bromobenzene	12.982	156	246413	100.266	ug/l		99
78) n-propylbenzene	13.035	91	1301631	99.948	ug/l		100
79) 2-Chlorotoluene	13.123	91	770308	98.630	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	901317	101.873	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	160736	105.820	ug/l		92
82) 4-Chlorotoluene	13.223	91	783657	99.166	ug/l		100
83) tert-Butylbenzene	13.435	119	807528	99.710	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	904794	101.983	ug/l		100
85) sec-Butylbenzene	13.617	105	1182155	100.513	ug/l		99
86) p-Isopropyltoluene	13.729	119	990273	101.857	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	474162	98.063	ug/l		100
88) 1,4-Dichlorobenzene	13.811	146	483003	97.978	ug/l		99
89) n-Butylbenzene	14.053	91	937913	99.598	ug/l		100
90) Hexachloroethane	14.335	117	169772	103.019	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	458049	98.602	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	83243	95.877	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	298870	100.751	ug/l		99
94) Hexachlorobutadiene	15.500	225	112496	101.789	ug/l		98
95) Naphthalene	15.641	128	1129434	102.290	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	294127	99.796	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

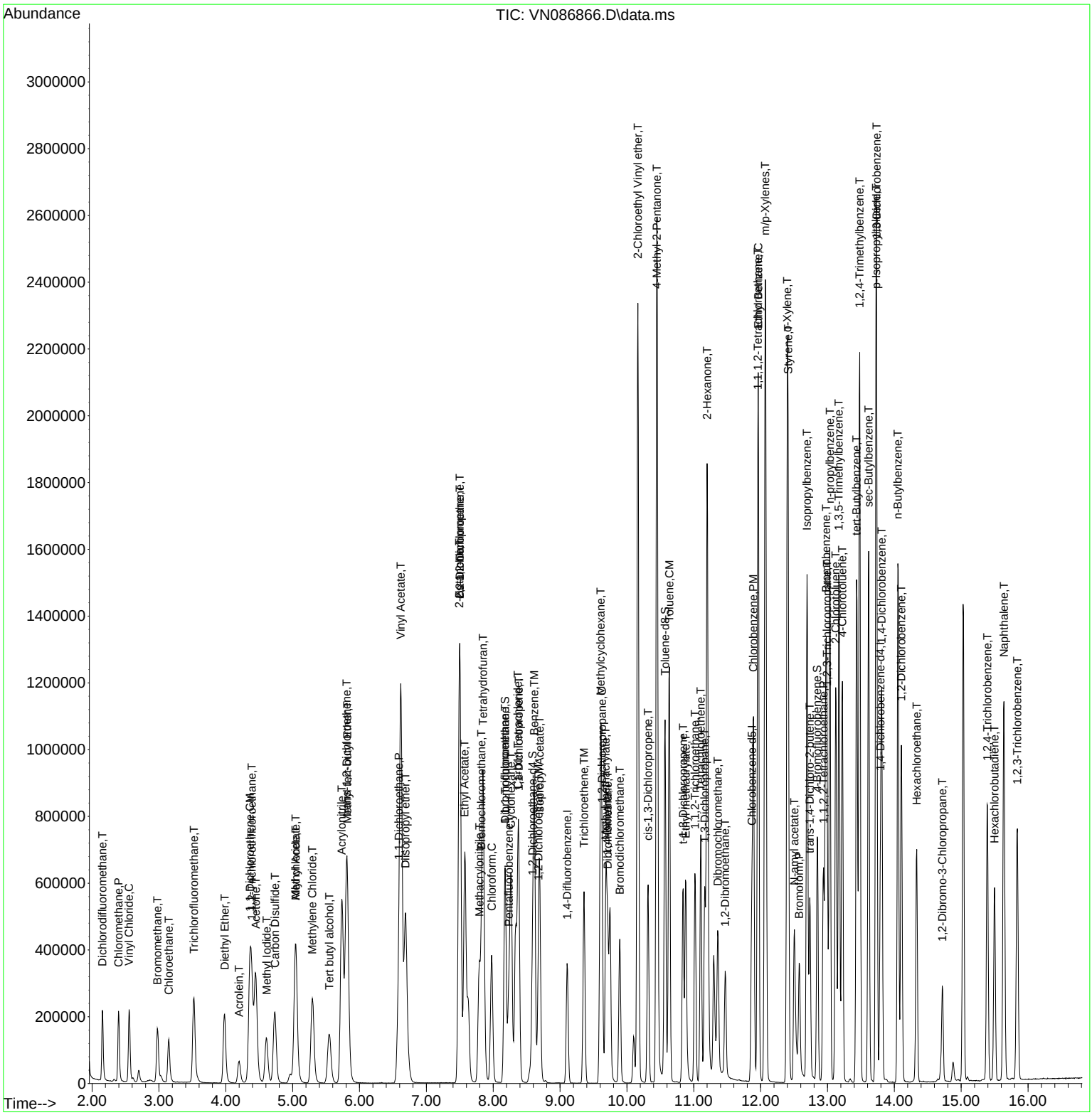
(#) = qualifier out of range (m) = manual integration (+) = signals summed

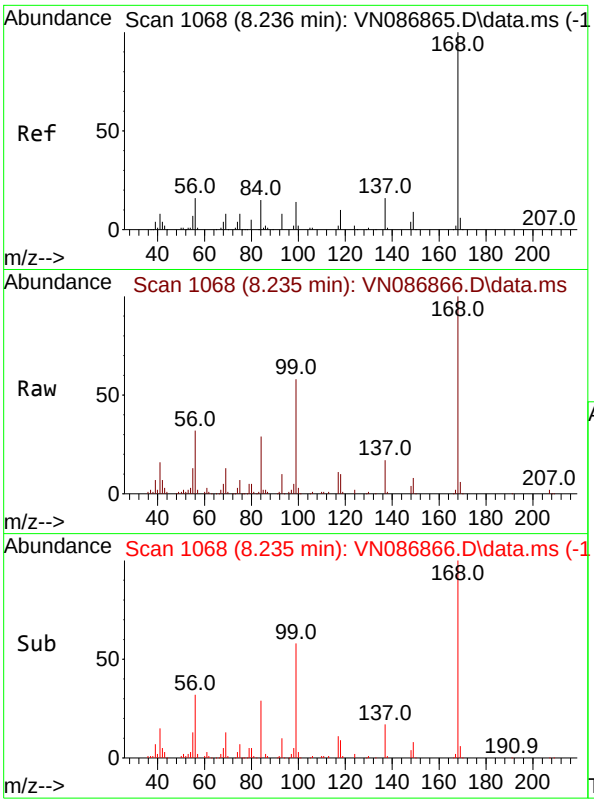
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086866.D
Acq On : 06 Jun 2025 14:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: Jun 07 01:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration



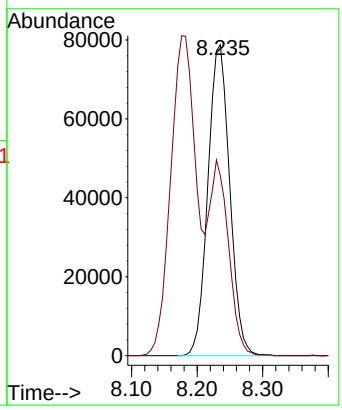


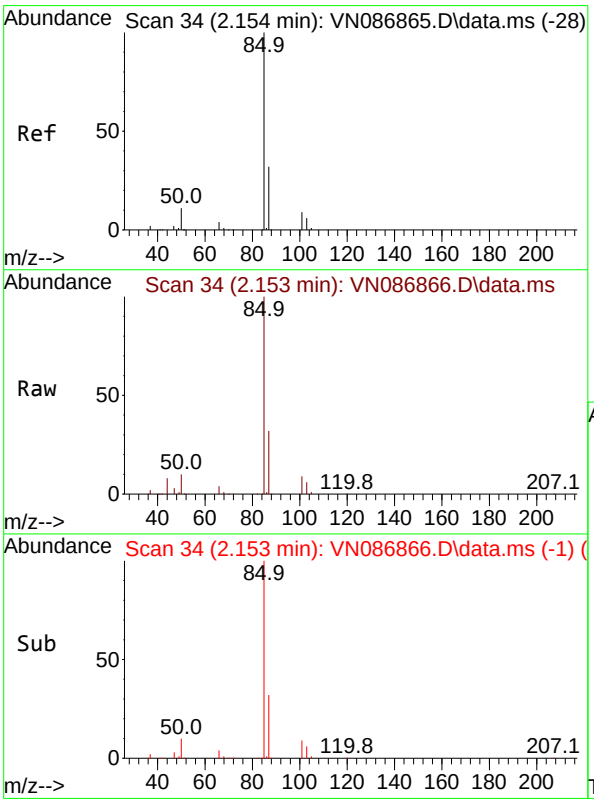
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 181996

Ion	Ratio	Lower	Upper
168	100		
99	57.9	49.1	73.7

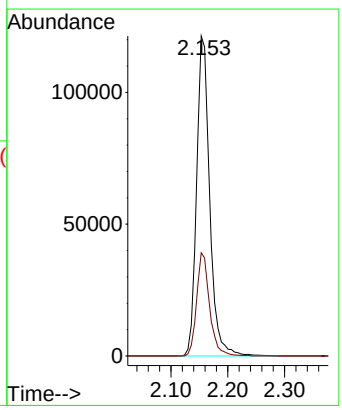


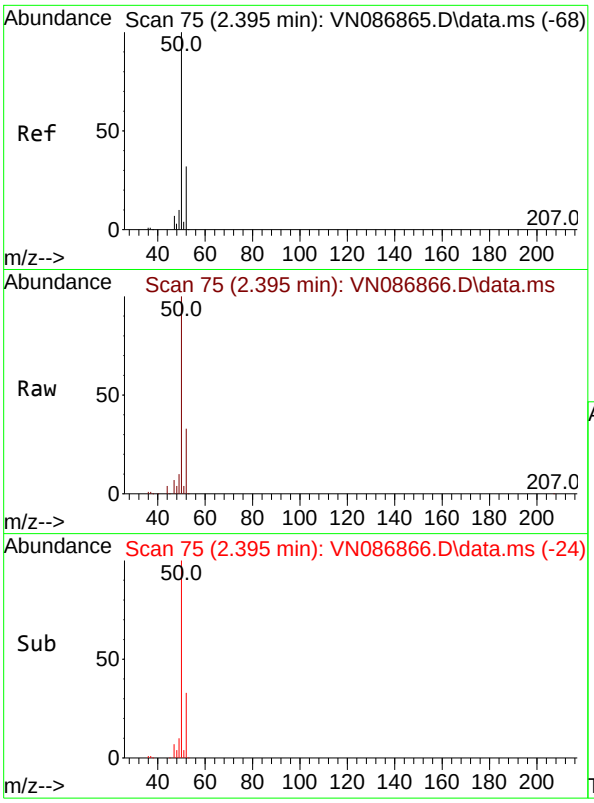


#2
Dichlorodifluoromethane
Concen: 107.350 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 85 Resp: 194799

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.2	48.6



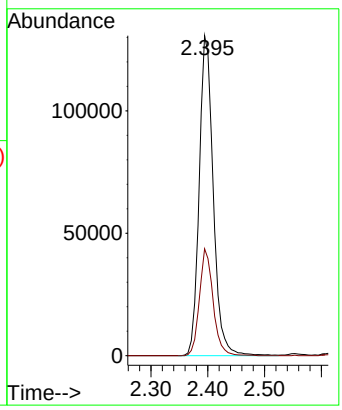


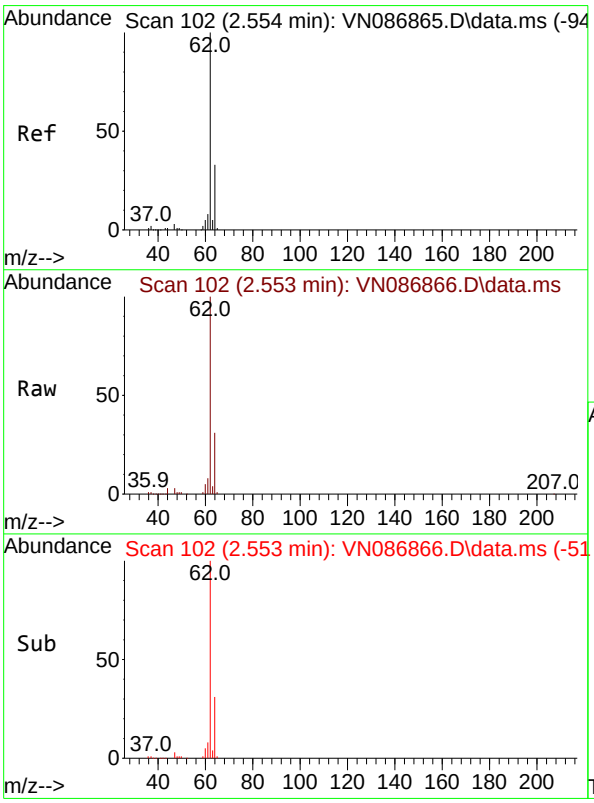
#3
Chloromethane
Concen: 95.833 ug/l
RT: 2.395 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 224558

Ion	Ratio	Lower	Upper
50	100		
52	33.4	25.7	38.5

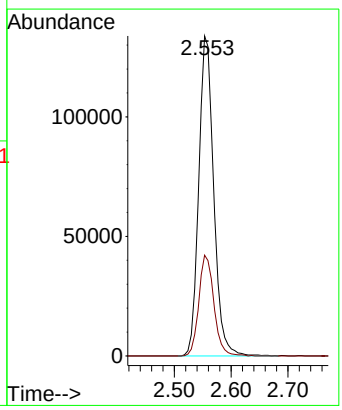


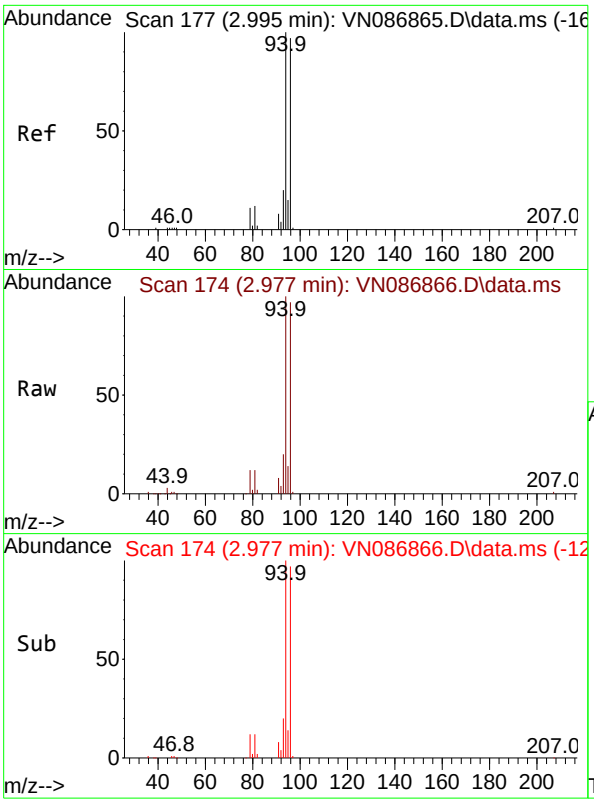


#4
Vinyl Chloride
Concen: 101.414 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 62 Resp: 245135

Ion	Ratio	Lower	Upper
62	100		
64	31.5	26.0	39.0



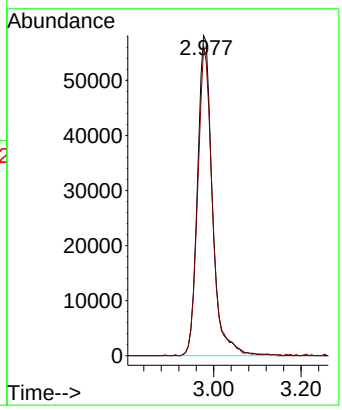


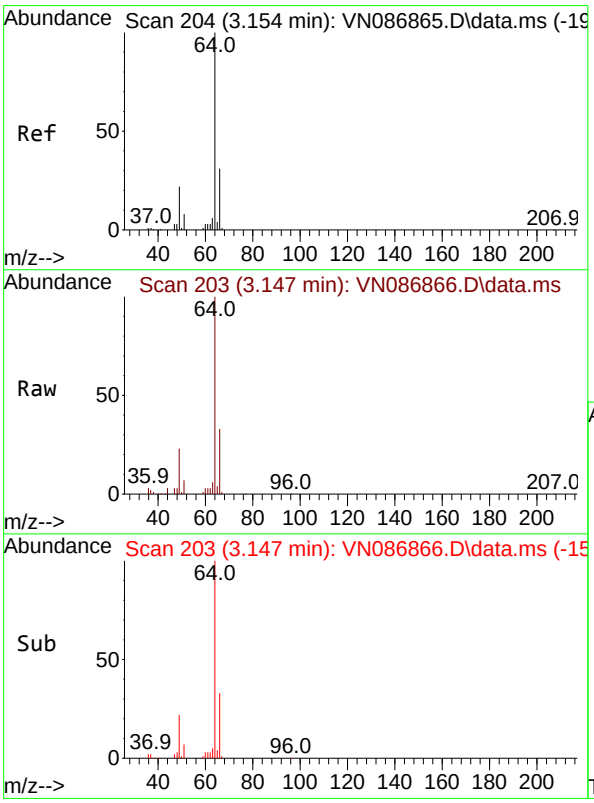
#5
Bromomethane
Concen: 101.996 ug/l
RT: 2.977 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 137967

Ion	Ratio	Lower	Upper
94	100		
96	96.8	77.9	116.9

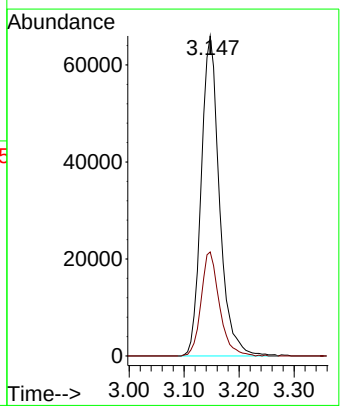


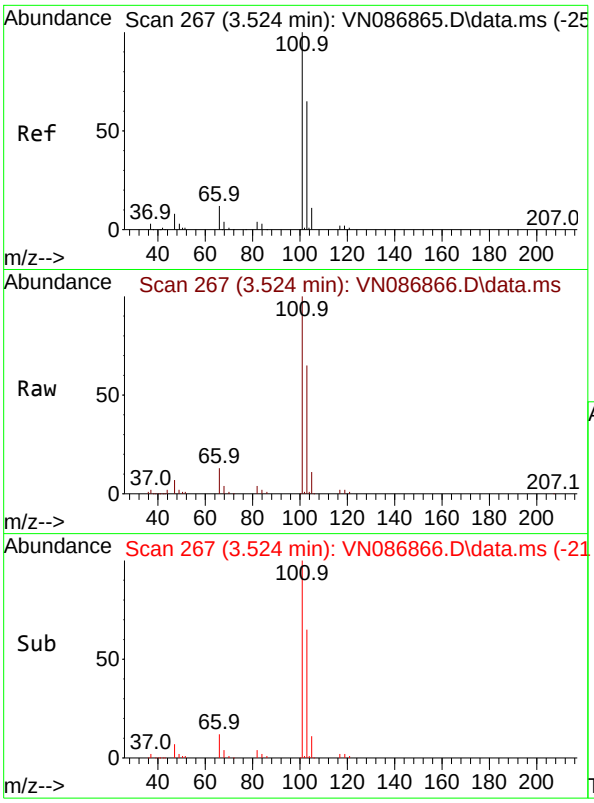


#6
Chloroethane
Concen: 97.447 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 64 Resp: 152150

Ion	Ratio	Lower	Upper
64	100		
66	32.5	24.6	36.8



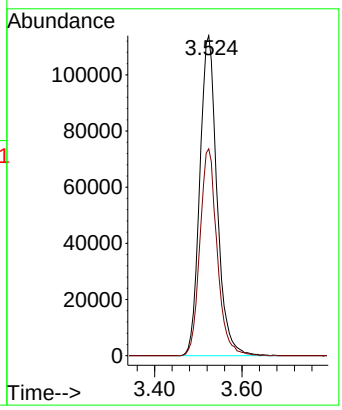


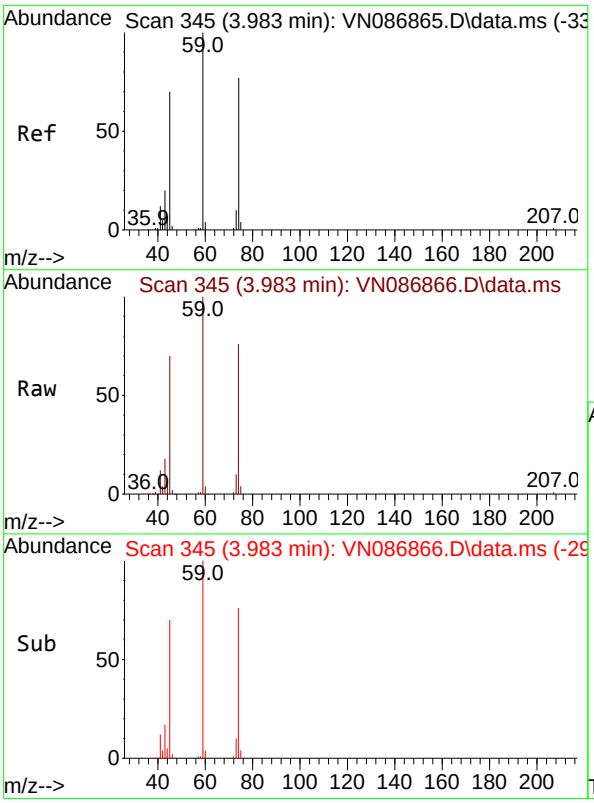
#7
Trichlorofluoromethane
Concen: 98.917 ug/l
RT: 3.524 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 312394

Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.2

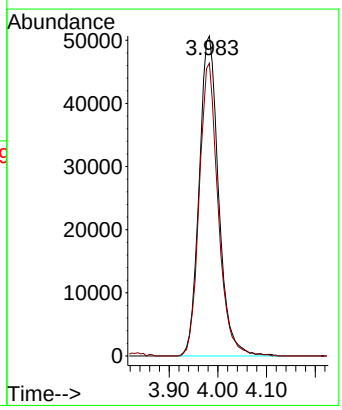


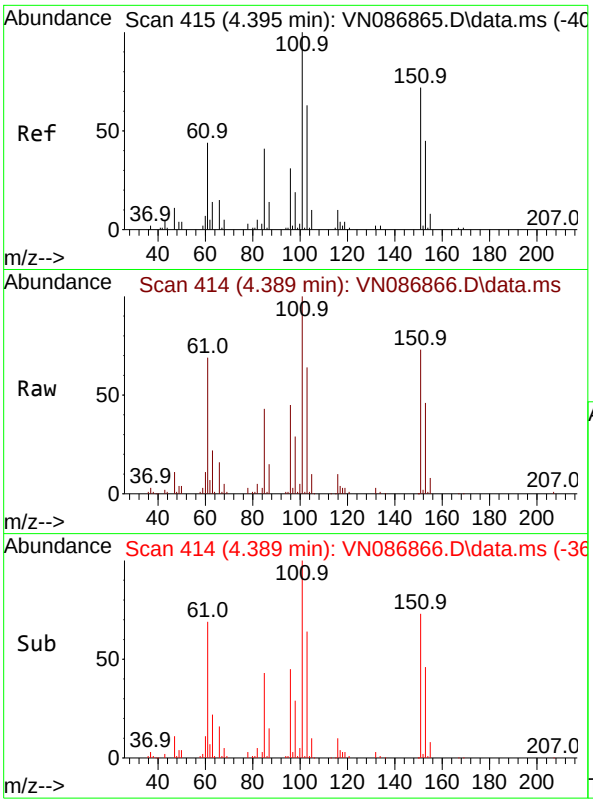


#8
Diethyl Ether
Concen: 101.631 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 74 Resp: 139844

Ion	Ratio	Lower	Upper
74	100		
45	89.5	45.5	136.5



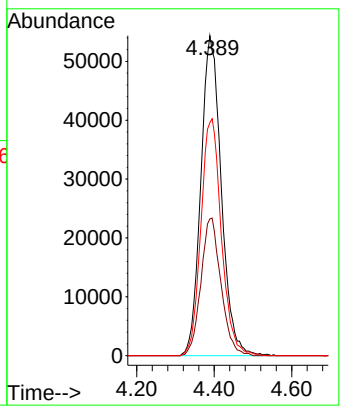


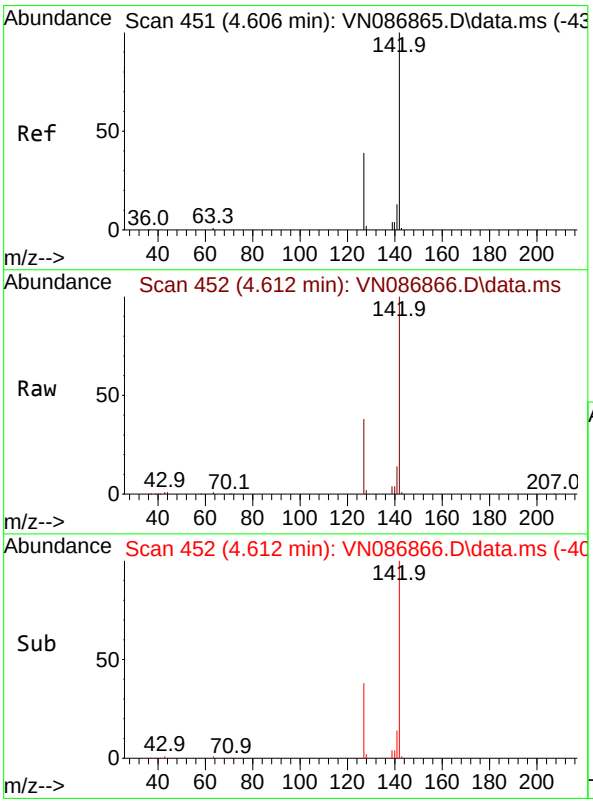
#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.163 ug/l
RT: 4.389 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 198739

Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.8	50.8
151	74.2	58.7	88.1

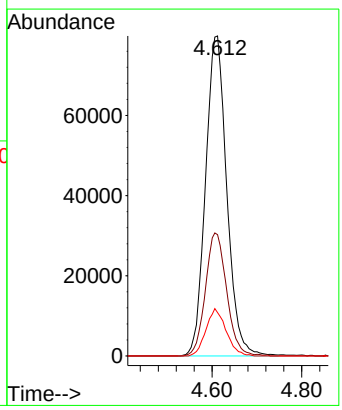


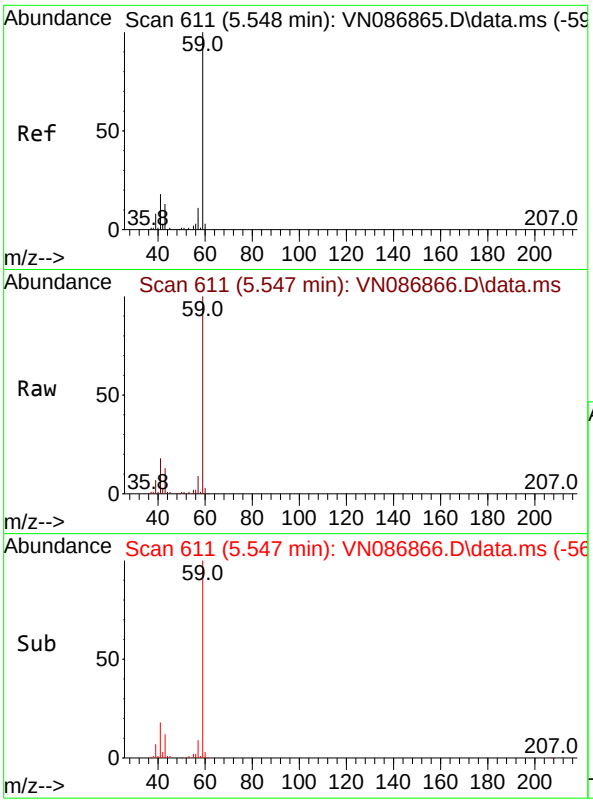


#10
Methyl Iodide
Concen: 102.162 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:142 Resp: 262771

Ion	Ratio	Lower	Upper
142	100		
127	37.9	30.9	46.3
141	13.6	10.4	15.6



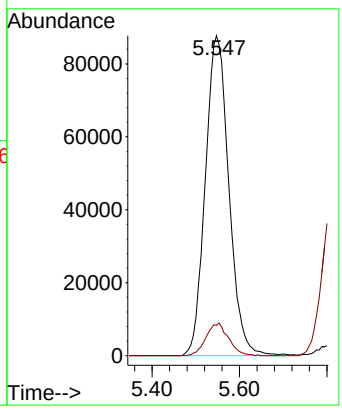


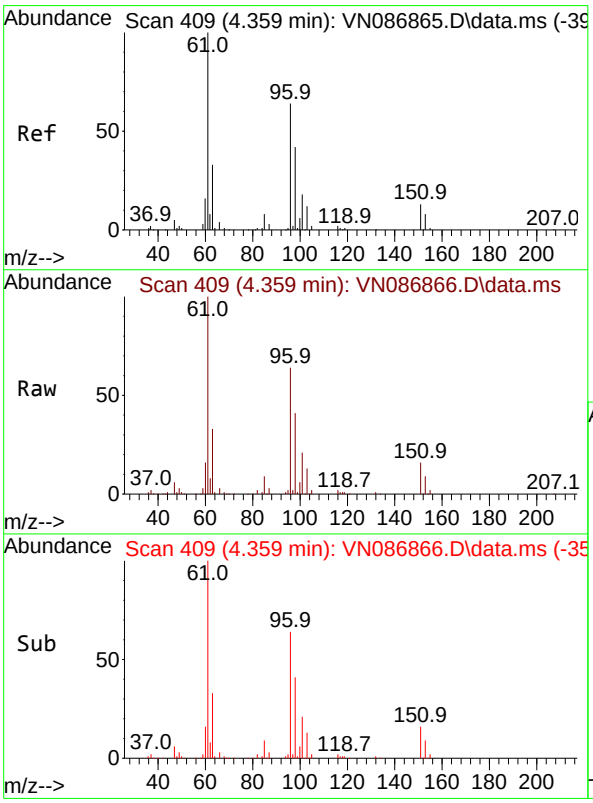
#11
Tert butyl alcohol
Concen: 496.062 ug/l
RT: 5.547 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 327987

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.1	12.1

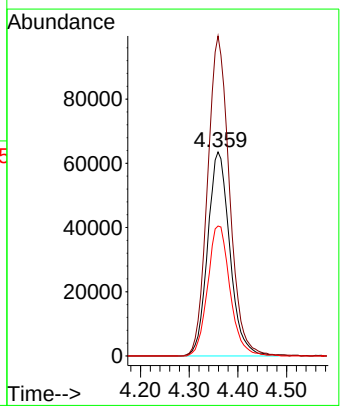


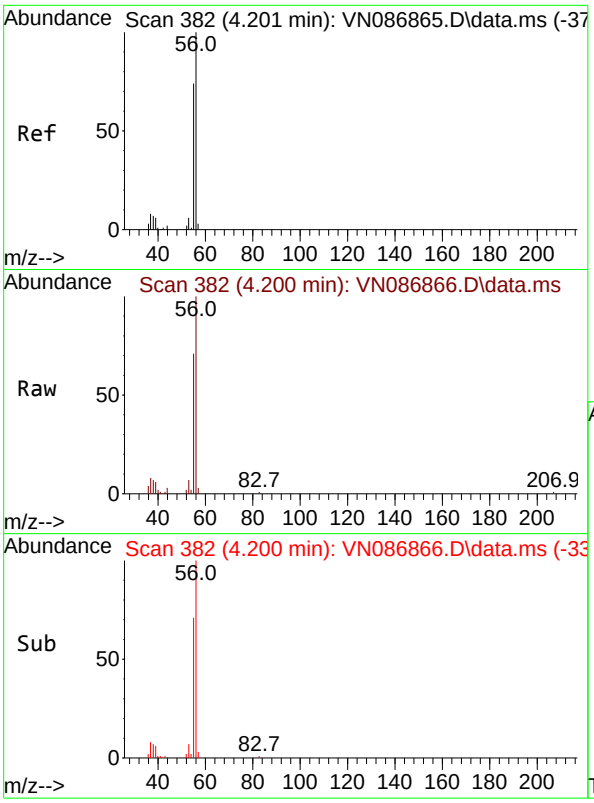


#12
1,1-Dichloroethene
Concen: 98.838 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 96 Resp: 200212

Ion	Ratio	Lower	Upper
96	100		
61	156.9	125.8	188.6
98	63.7	52.5	78.7



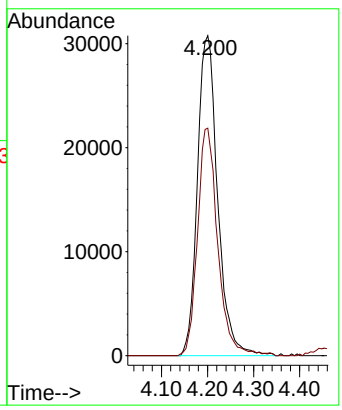


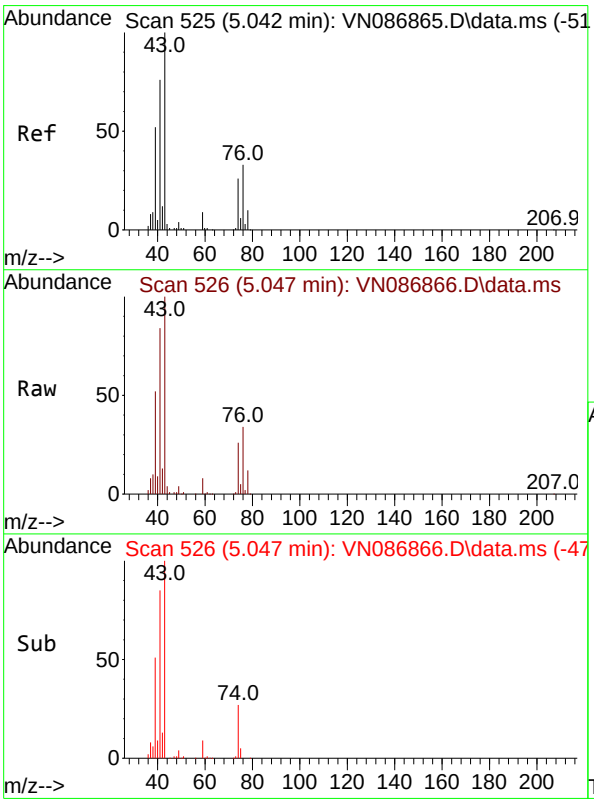
#13
Acrolein
Concen: 449.961 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 94171

Ion	Ratio	Lower	Upper
56	100		
55	70.9	55.6	83.4

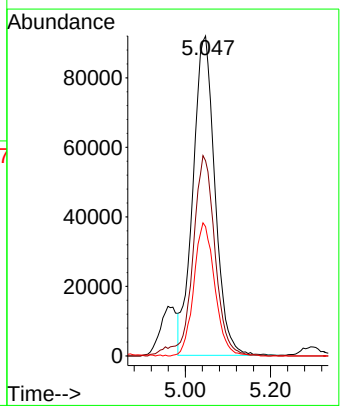


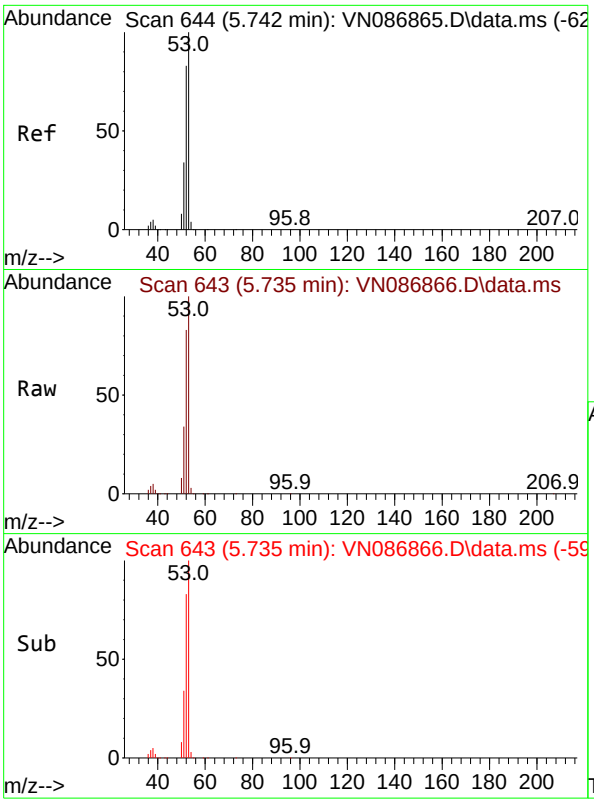


#14
Allyl chloride
Concen: 98.055 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 41 Resp: 329412

Ion	Ratio	Lower	Upper
41	100		
39	63.7	51.3	76.9
76	39.7	31.4	47.0



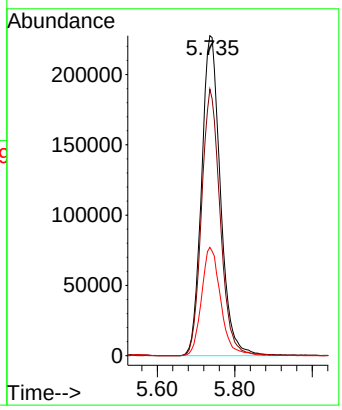


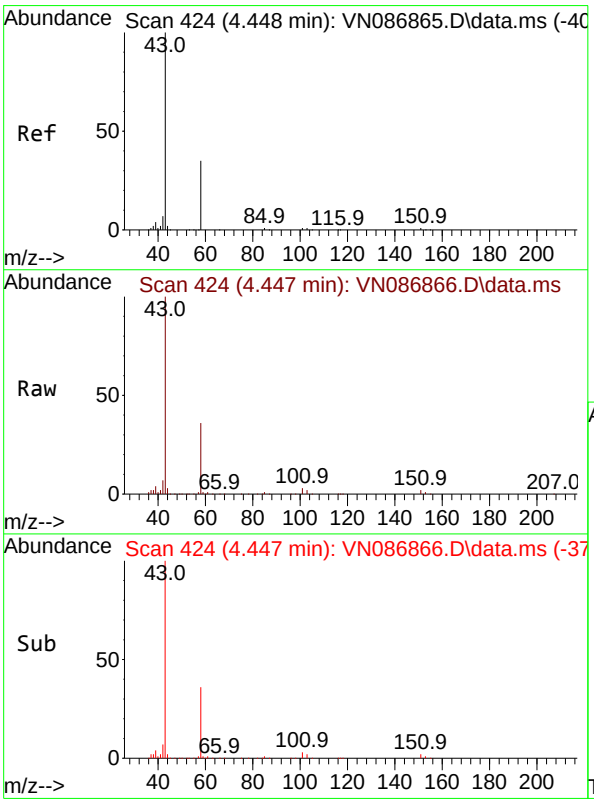
#15
Acrylonitrile
Concen: 498.552 ug/l
RT: 5.735 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 770470

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.0	97.6
51	34.4	27.2	40.8

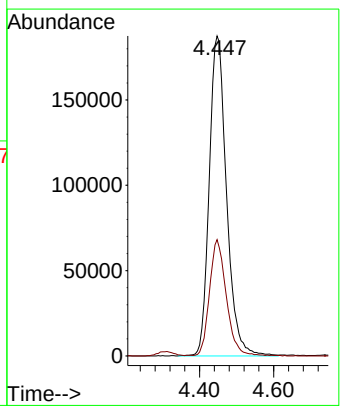


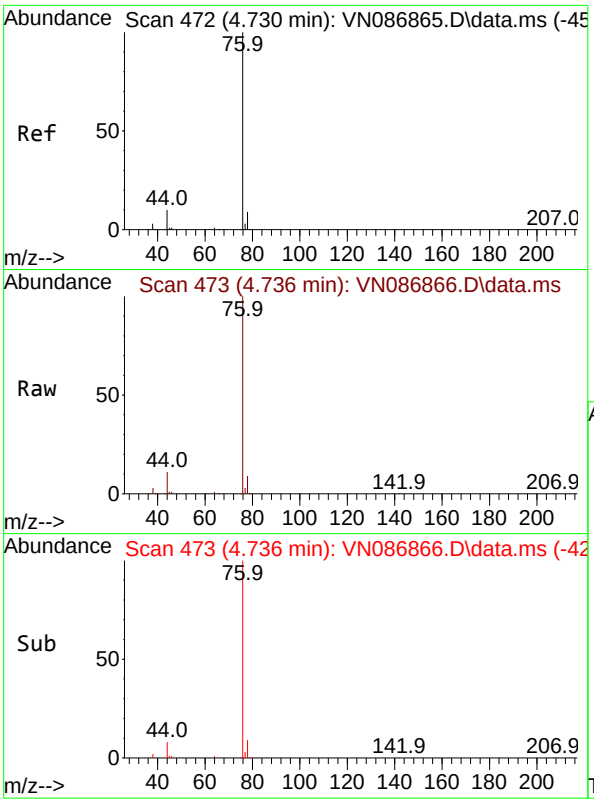


#16
Acetone
Concen: 470.648 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 608178

Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.0	42.0



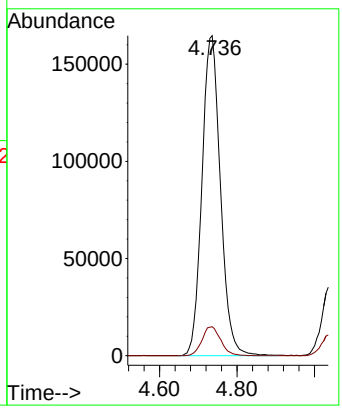


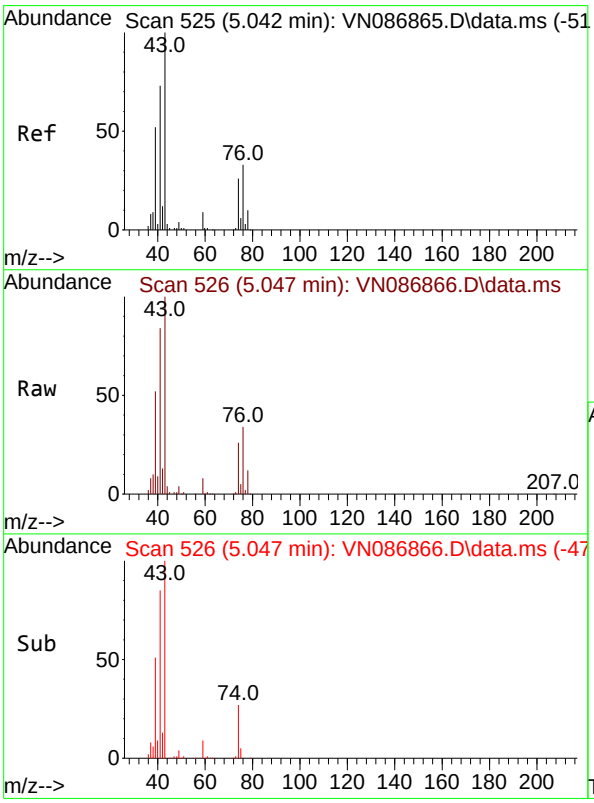
#17
Carbon Disulfide
Concen: 97.179 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 544511

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

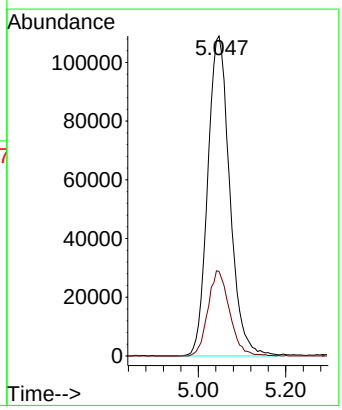


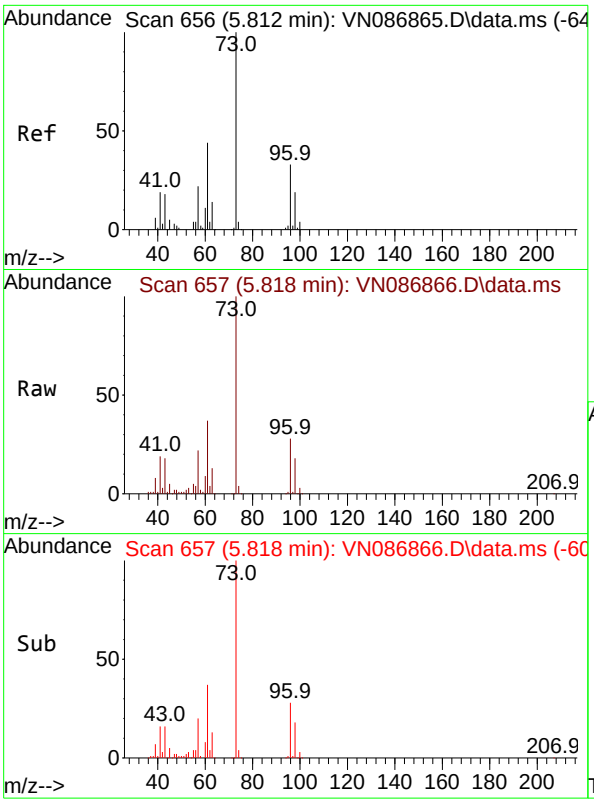


#18
Methyl Acetate
Concen: 101.390 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 381808

Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.7	31.1



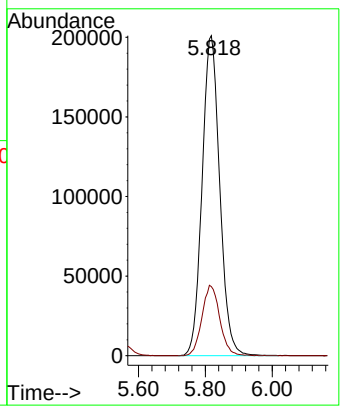


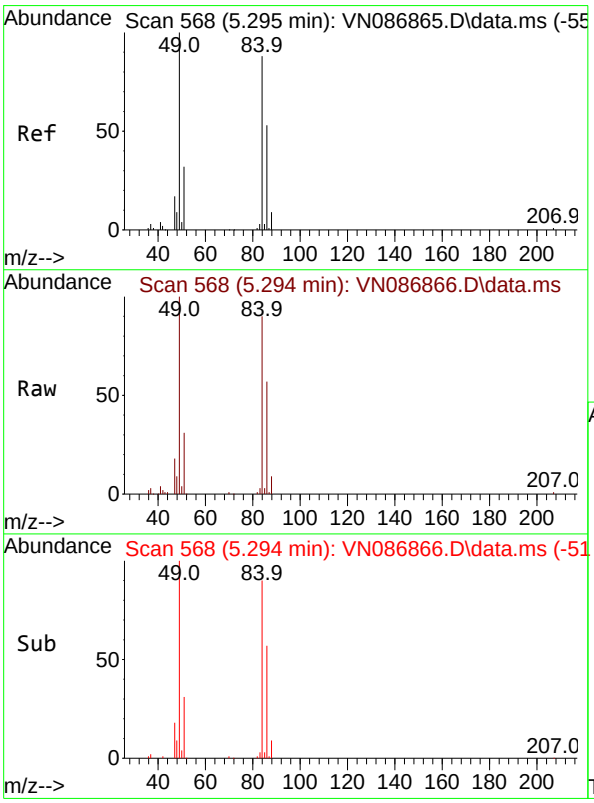
#19
Methyl tert-butyl Ether
Concen: 100.306 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 735694

Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.4	26.2

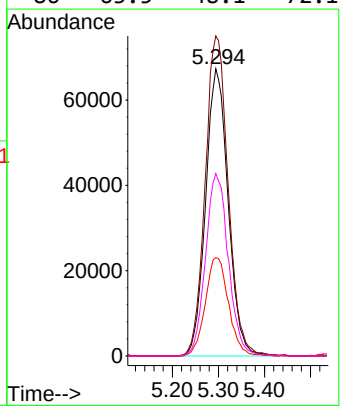


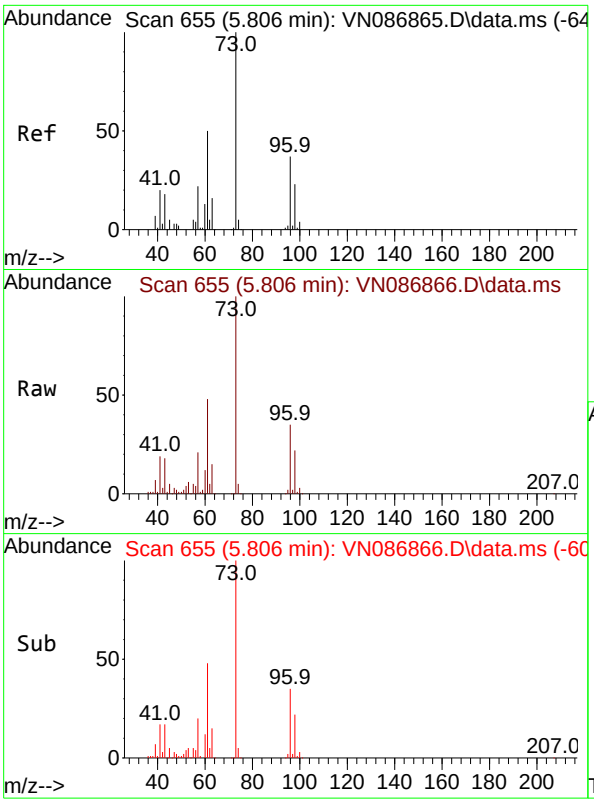


#20
Methylene Chloride
Concen: 94.575 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 84 Resp: 228800

Ion	Ratio	Lower	Upper
84	100		
49	111.4	90.5	135.7
51	34.2	28.5	42.7
86	63.5	48.1	72.1



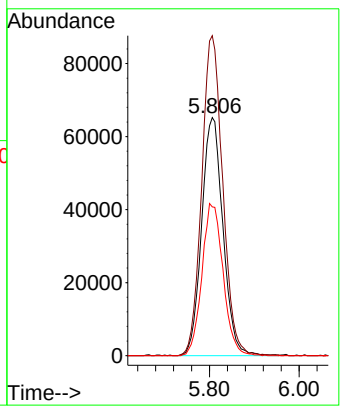


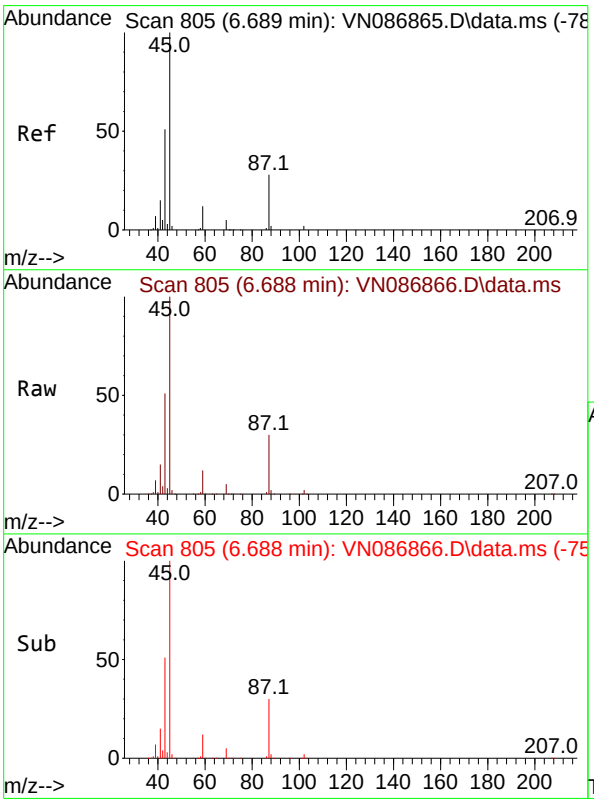
#21
trans-1,2-Dichloroethene
Concen: 95.476 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 215177

Ion	Ratio	Lower	Upper
96	100		
61	134.4	109.2	163.8
98	62.5	49.8	74.8

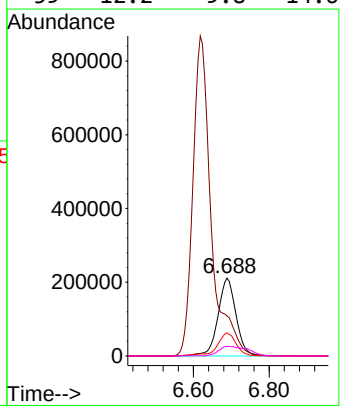


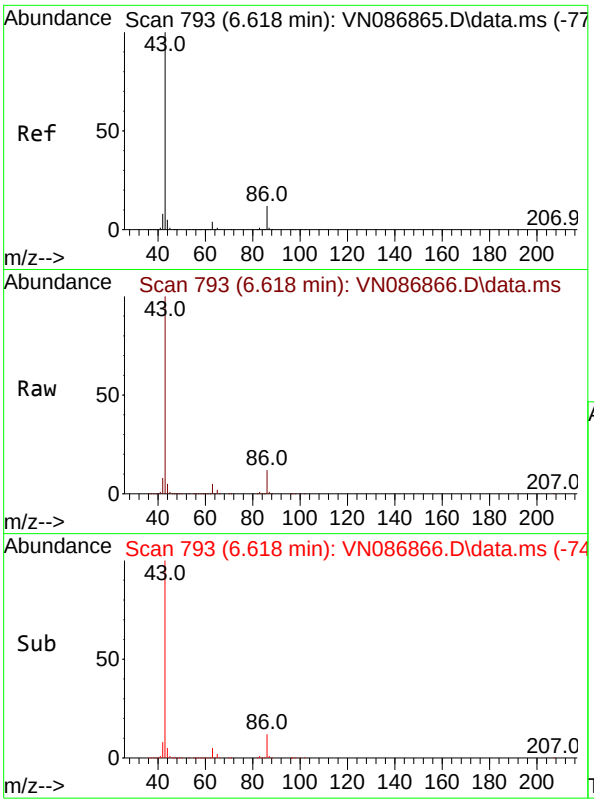


#22
Diisopropyl ether
Concen: 98.409 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 45 Resp: 696881

Ion	Ratio	Lower	Upper
45	100		
43	51.1	41.9	62.9
87	29.6	22.4	33.6
59	12.2	9.8	14.6



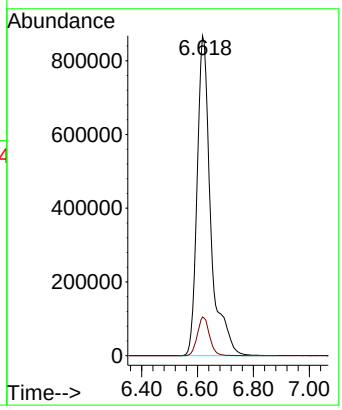


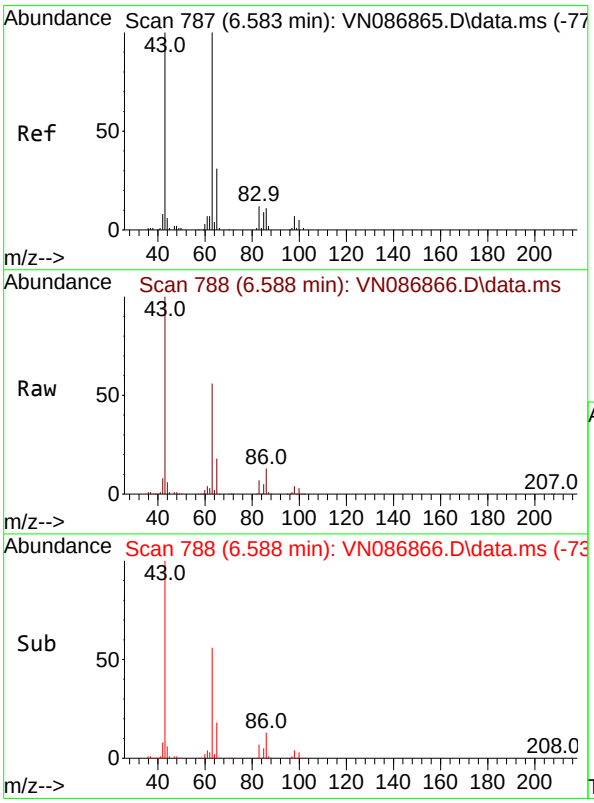
#23
Vinyl Acetate
Concen: 487.936 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 2919350

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.5	14.3

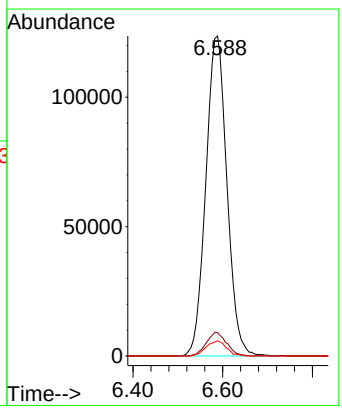


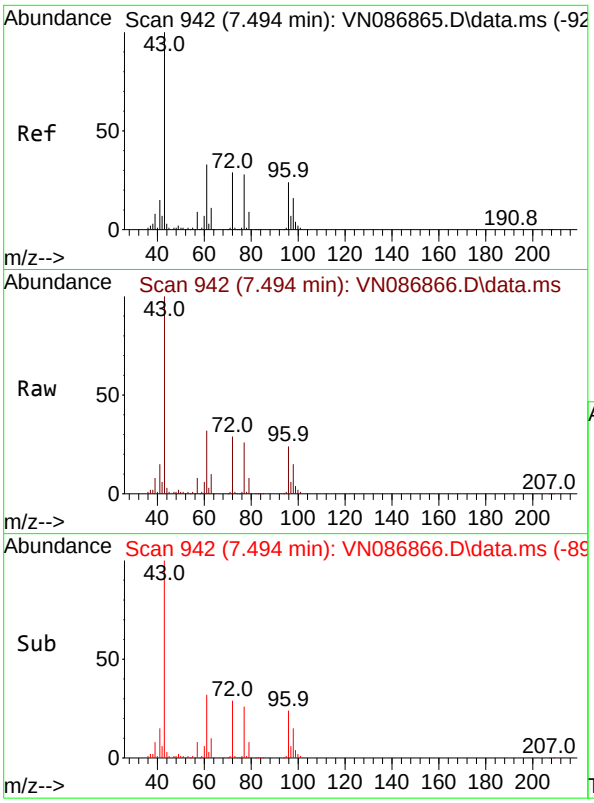


#24
1,1-Dichloroethane
Concen: 99.186 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 63 Resp: 404207

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	4.7	2.6	7.8



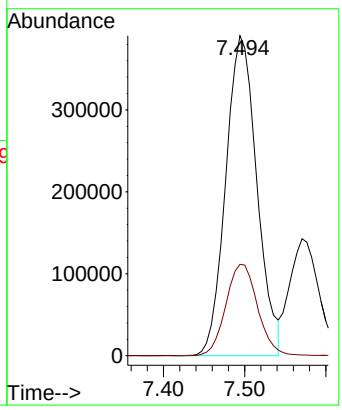


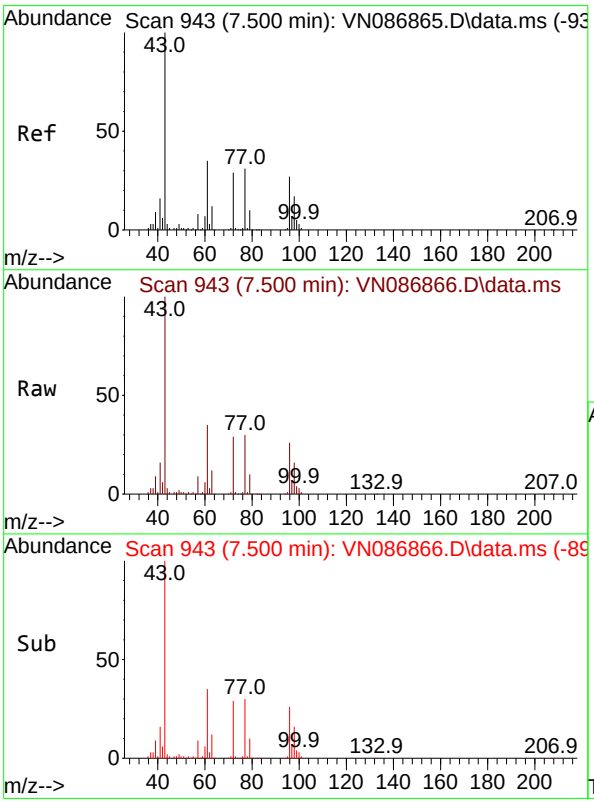
#25
2-Butanone
Concen: 496.743 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1043385

Ion	Ratio	Lower	Upper
43	100		
72	28.5	23.0	34.6

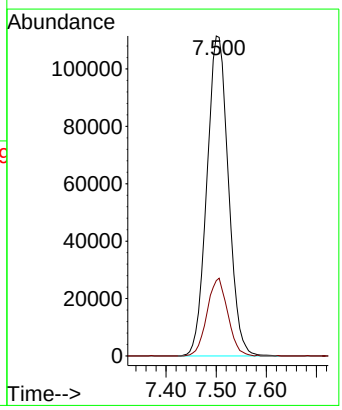


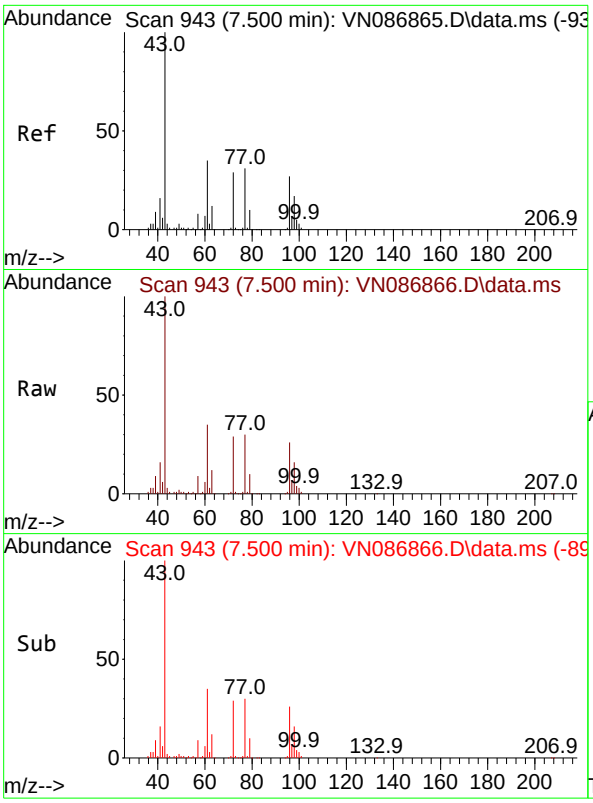


#26
2,2-Dichloropropane
Concen: 104.729 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 77 Resp: 331995

Ion	Ratio	Lower	Upper
77	100		
97	23.4	11.6	34.7



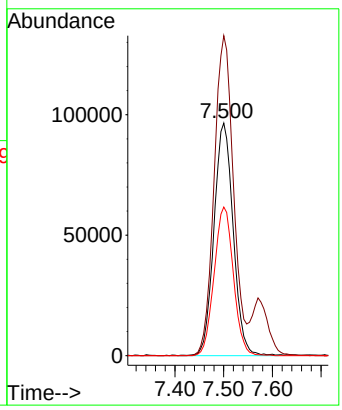


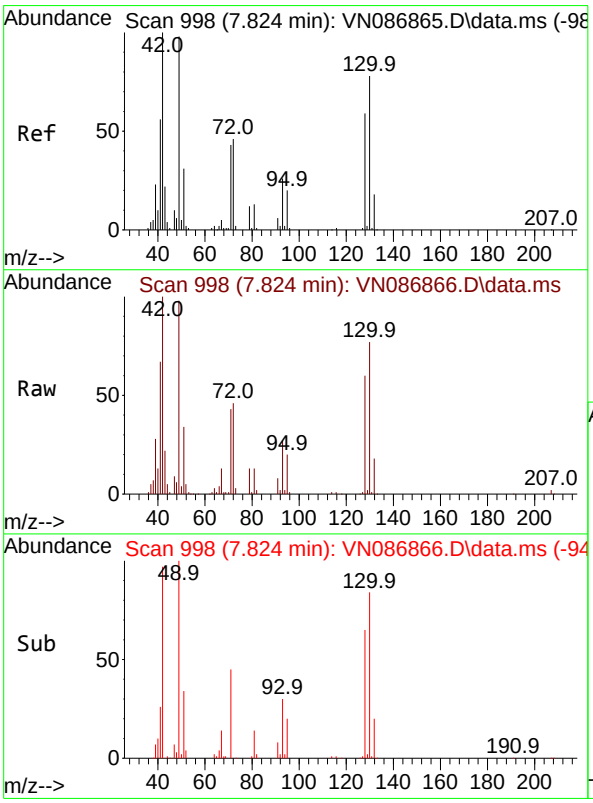
#27
cis-1,2-Dichloroethene
Concen: 98.410 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 265248

Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	278.0
98	64.0	0.0	128.2

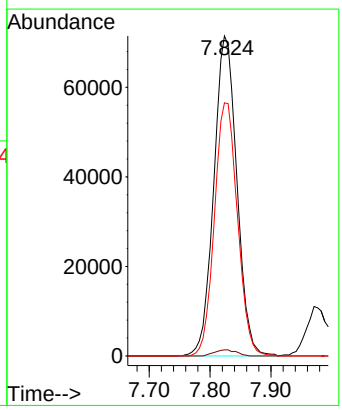


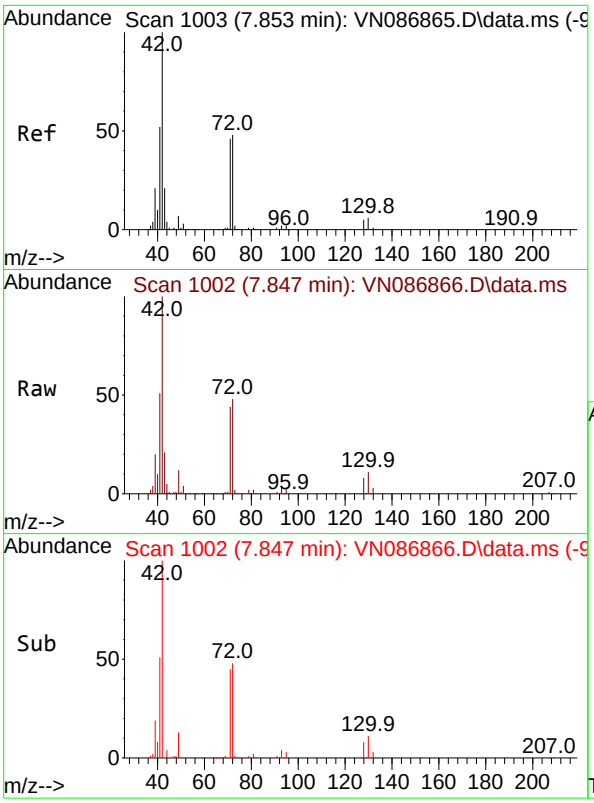


#28
Bromochloromethane
Concen: 93.851 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 49 Resp: 188050

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	78.9	62.2	93.2



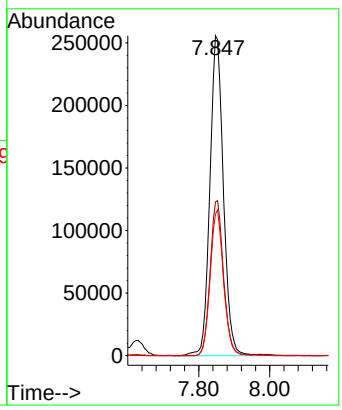


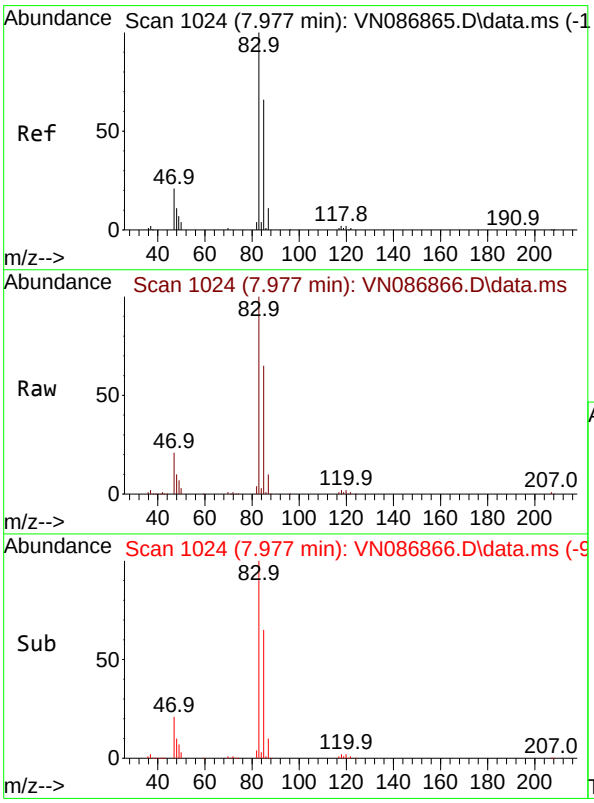
#29
Tetrahydrofuran
Concen: 495.240 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 677636

Ion	Ratio	Lower	Upper
42	100		
72	47.9	37.8	56.6
71	44.8	35.6	53.4

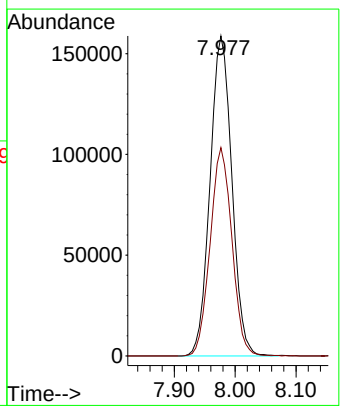


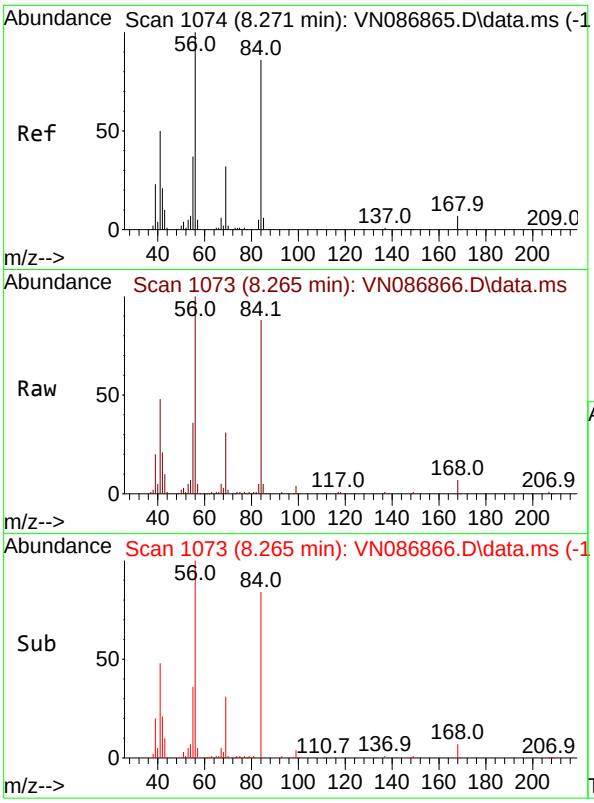


#30
Chloroform
Concen: 97.040 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 83 Resp: 394927

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.9	79.3



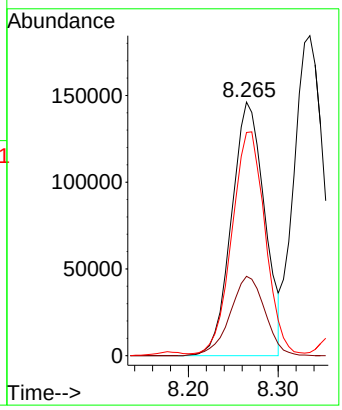


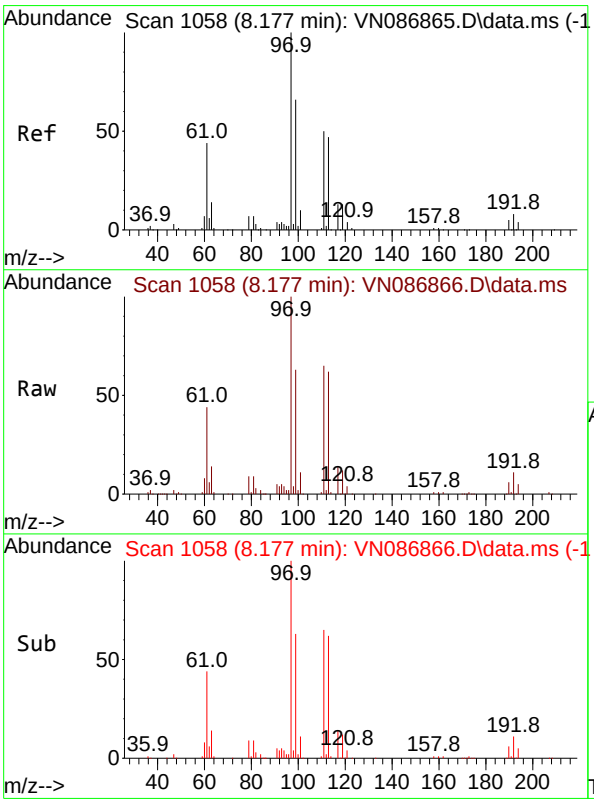
#31
Cyclohexane
Concen: 94.869 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 374933

Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.4	38.0
84	86.8	68.8	103.2

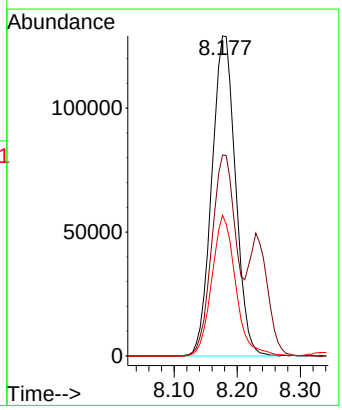


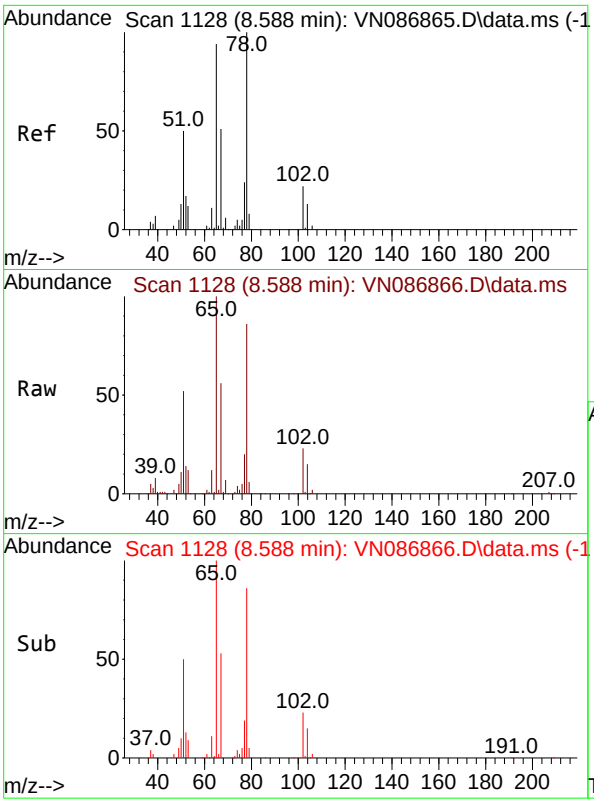


#32
1,1,1-Trichloroethane
Concen: 97.306 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 97 Resp: 336819

Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.0	78.0
61	44.2	35.9	53.9



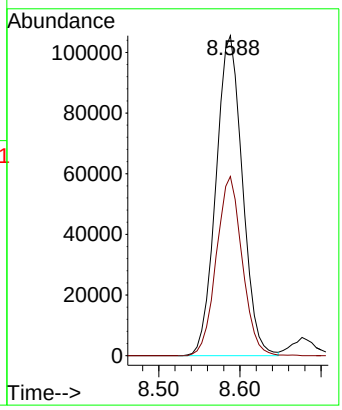


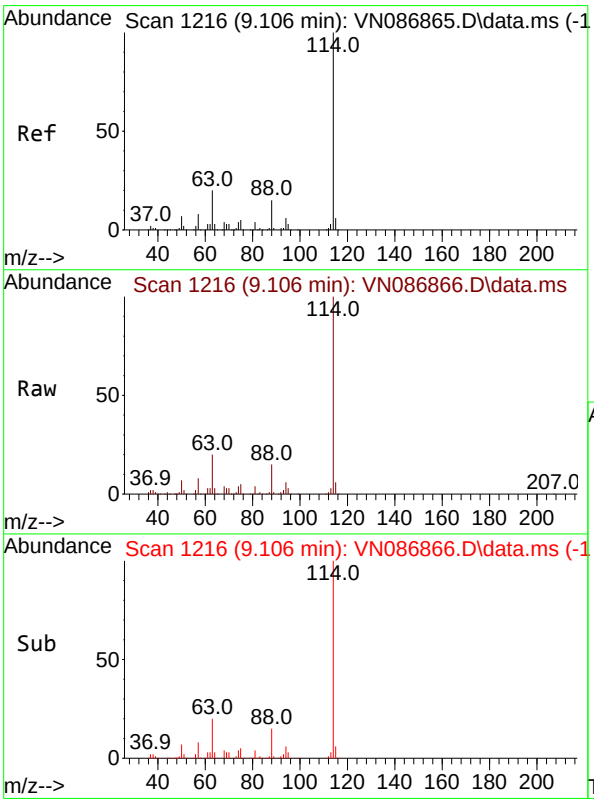
#33
1,2-Dichloroethane-d4
Concen: 98.065 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 238957

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	105.6

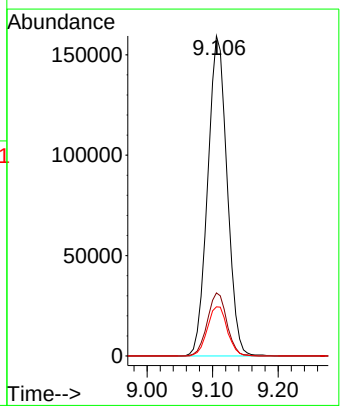


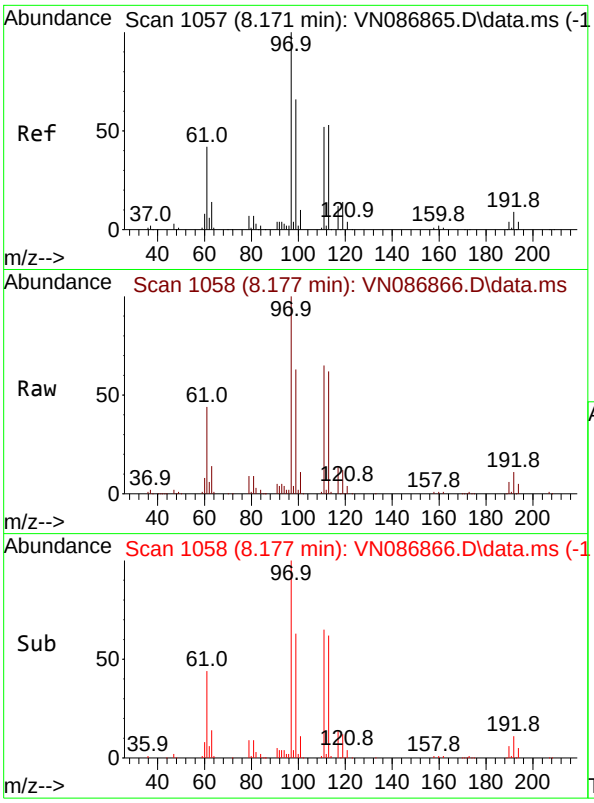


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:114 Resp: 327782

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.4	0.0	30.2



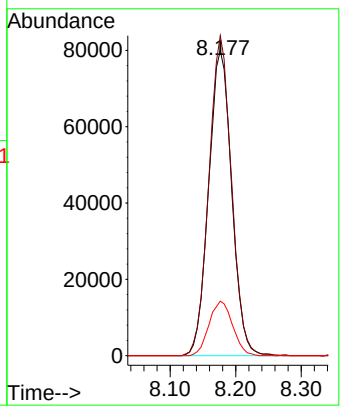


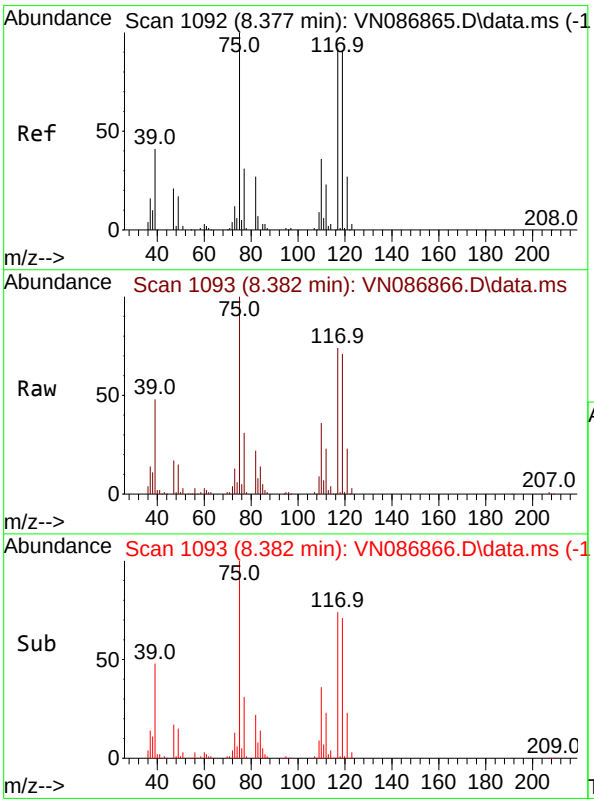
#35
Dibromofluoromethane
Concen: 100.495 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 195212

Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.2	126.2
192	18.2	14.2	21.4

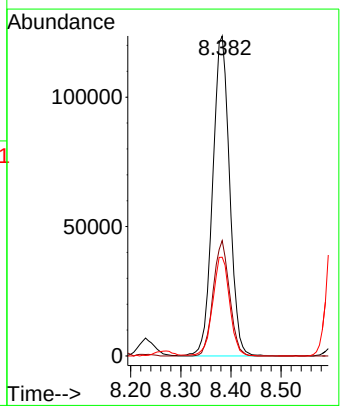


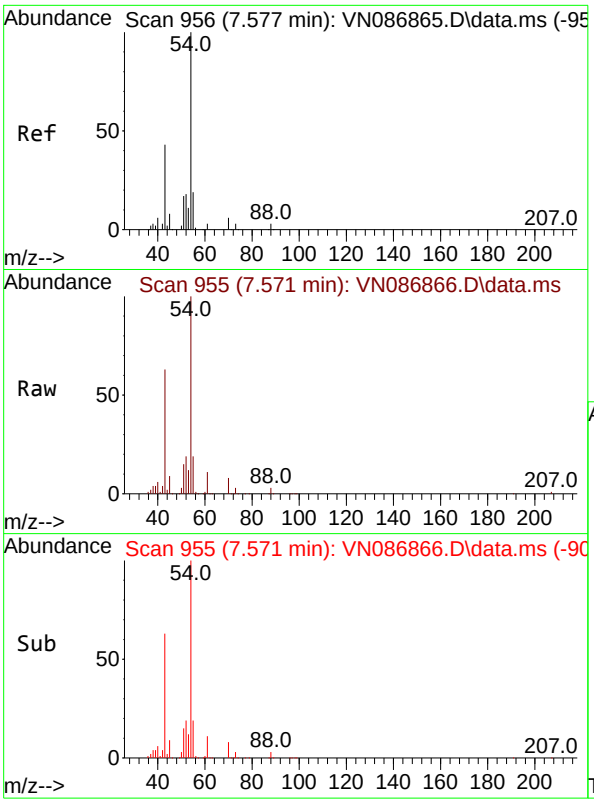


#36
1,1-Dichloropropene
Concen: 100.156 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 289907

Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.6	52.9
77	31.1	25.3	37.9



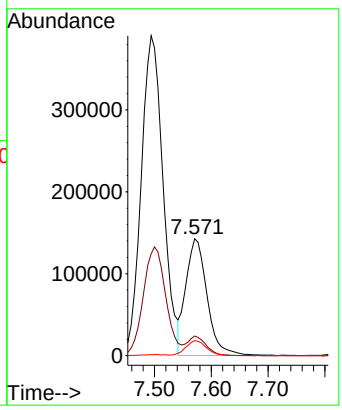


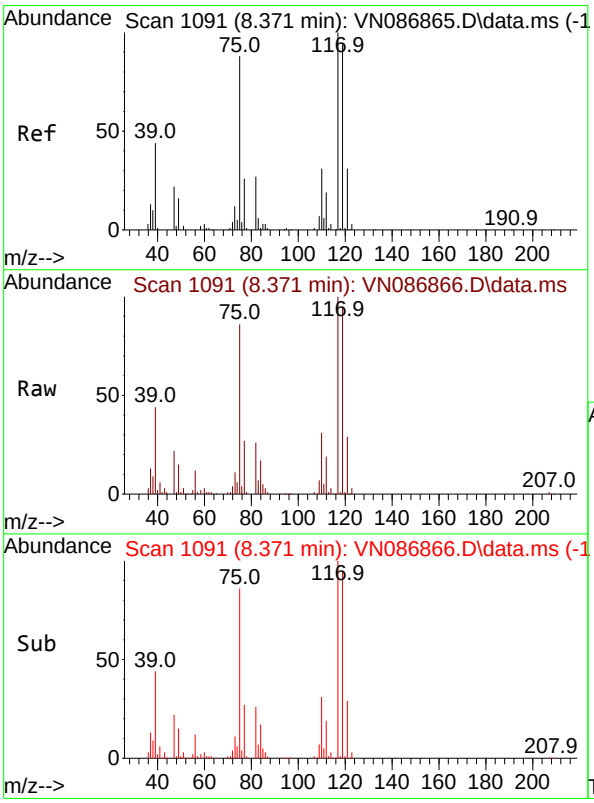
#37
Ethyl Acetate
Concen: 100.591 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 370652

Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.1	18.1
70	12.6	9.8	14.6

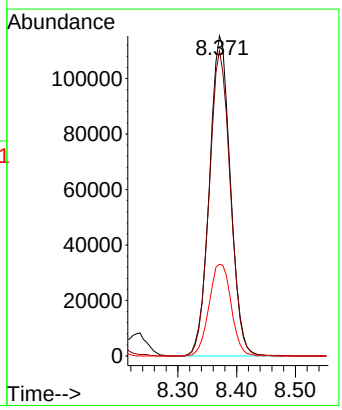


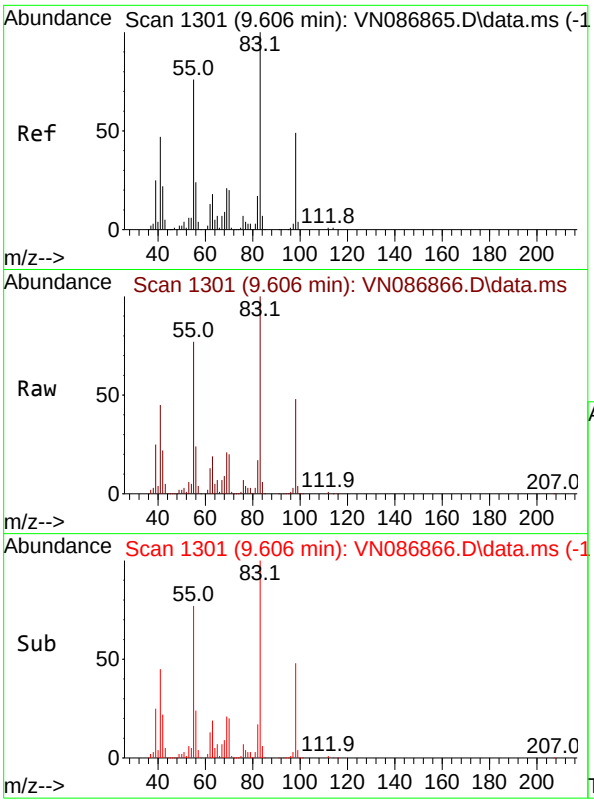


#38
Carbon Tetrachloride
Concen: 100.404 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:117 Resp: 285325

Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.0	112.6
121	28.6	24.9	37.3



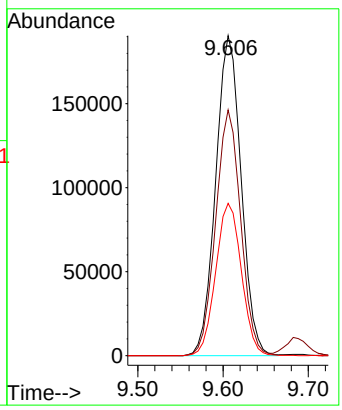


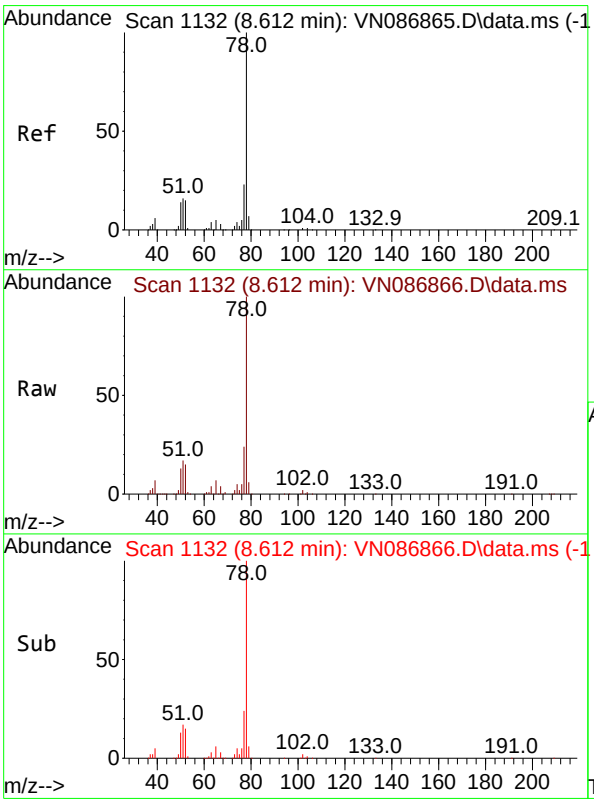
#39
Methylcyclohexane
Concen: 99.758 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 395603

Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.0	91.6
98	47.6	38.9	58.3

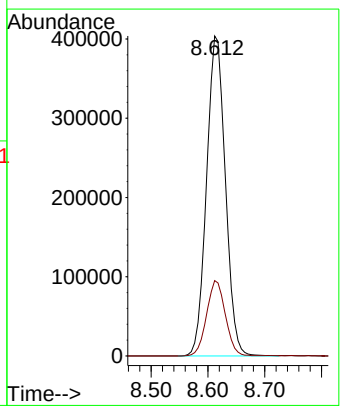


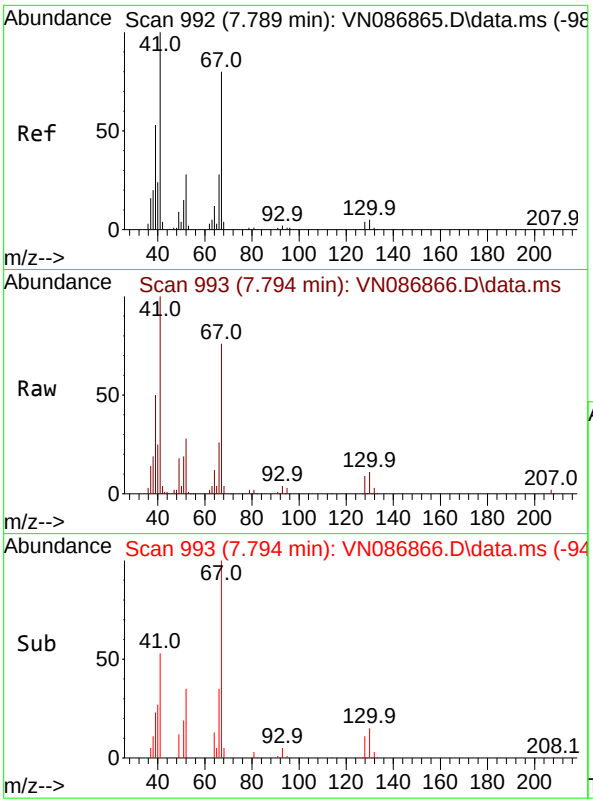


#40
Benzene
Concen: 97.946 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 78 Resp: 927083

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1



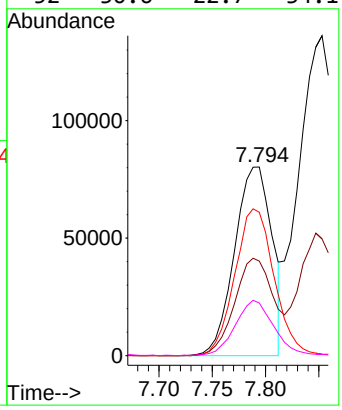


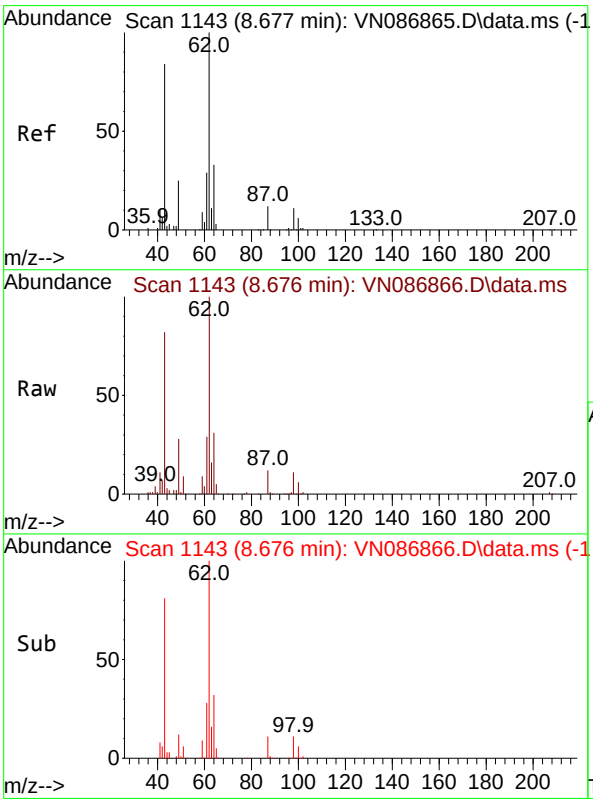
#41
Methacrylonitrile
Concen: 94.688 ug/l
RT: 7.794 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 195946

Ion	Ratio	Lower	Upper
41	100		
39	54.3	41.2	61.8
67	82.5	61.4	92.2
52	30.6	22.7	34.1

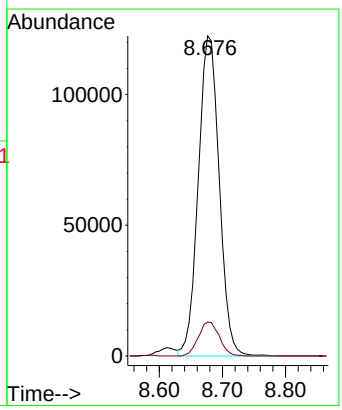


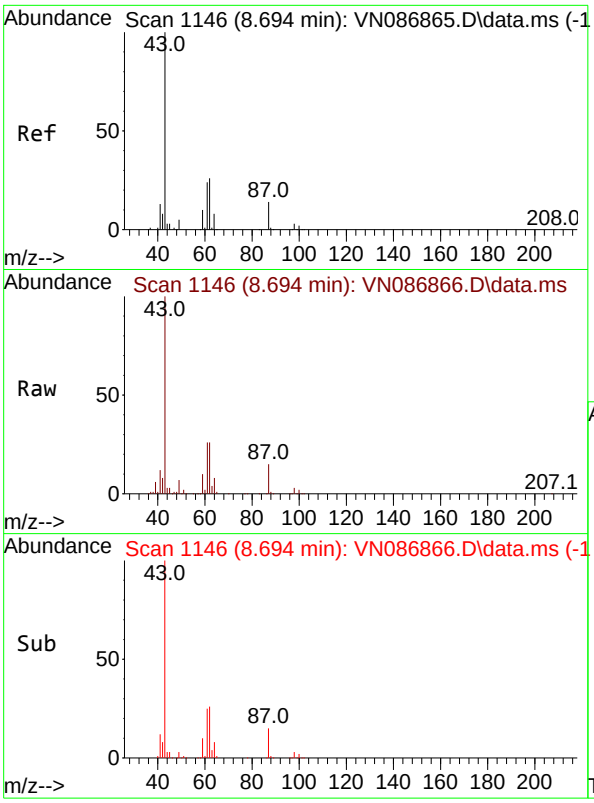


#42
1,2-Dichloroethane
Concen: 98.232 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 62 Resp: 282015

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2



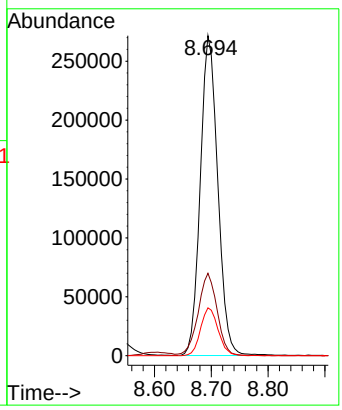


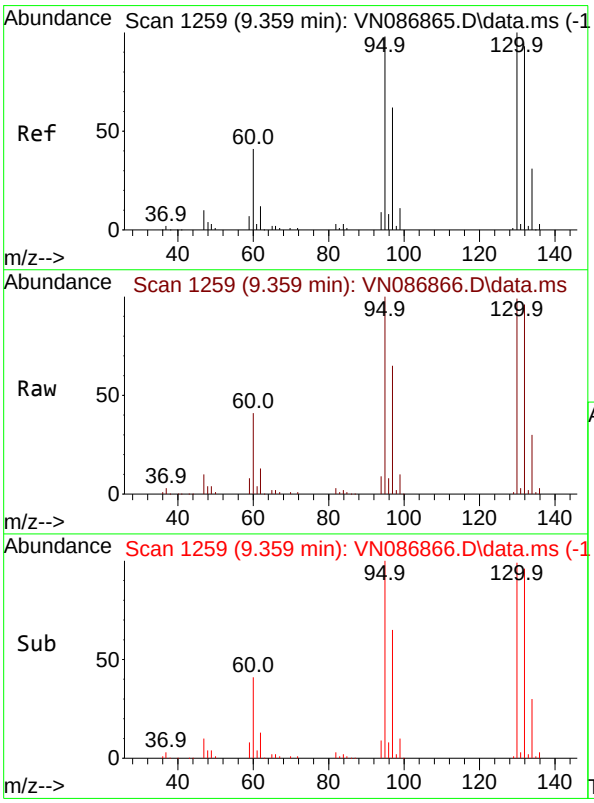
#43
Isopropyl Acetate
Concen: 97.981 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 579464

Ion	Ratio	Lower	Upper
43	100		
61	28.1	22.1	33.1
87	15.0	11.8	17.6

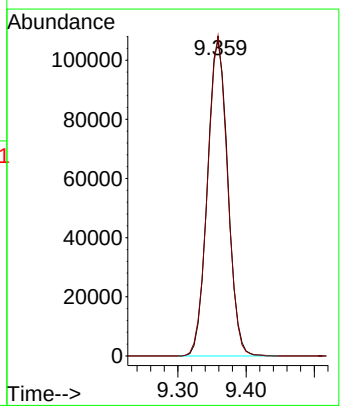


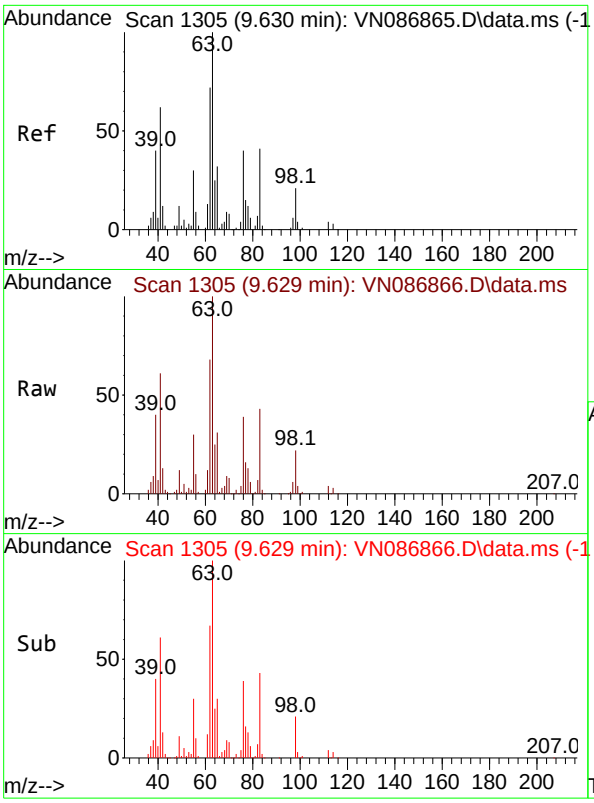


#44
Trichloroethene
Concen: 99.280 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:130 Resp: 222822

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	196.2



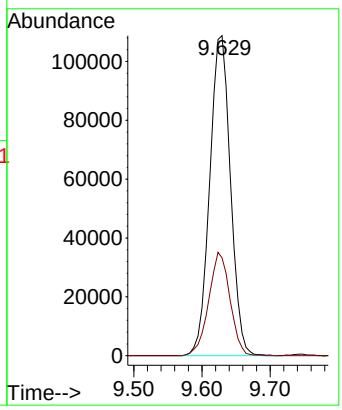


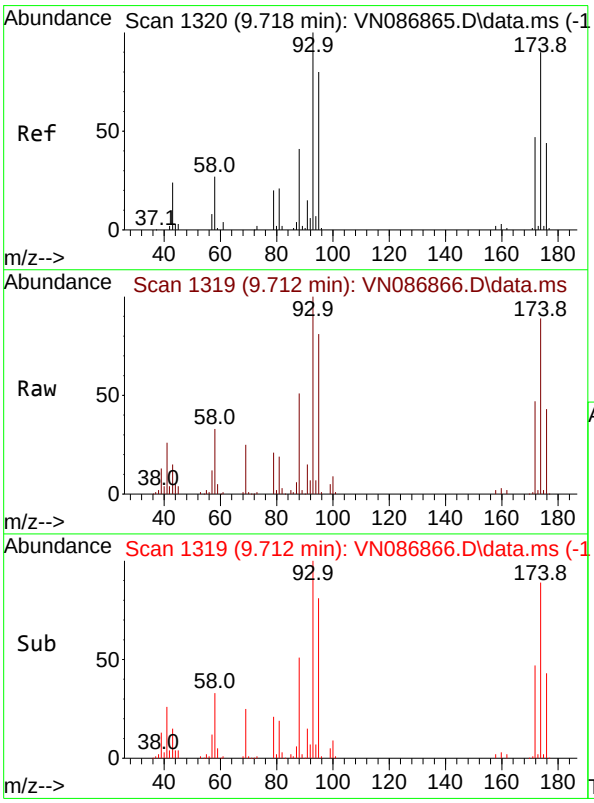
#45
1,2-Dichloropropane
Concen: 100.077 ug/l
RT: 9.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 230454

Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.5	38.3

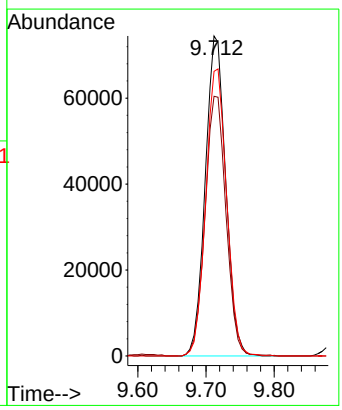


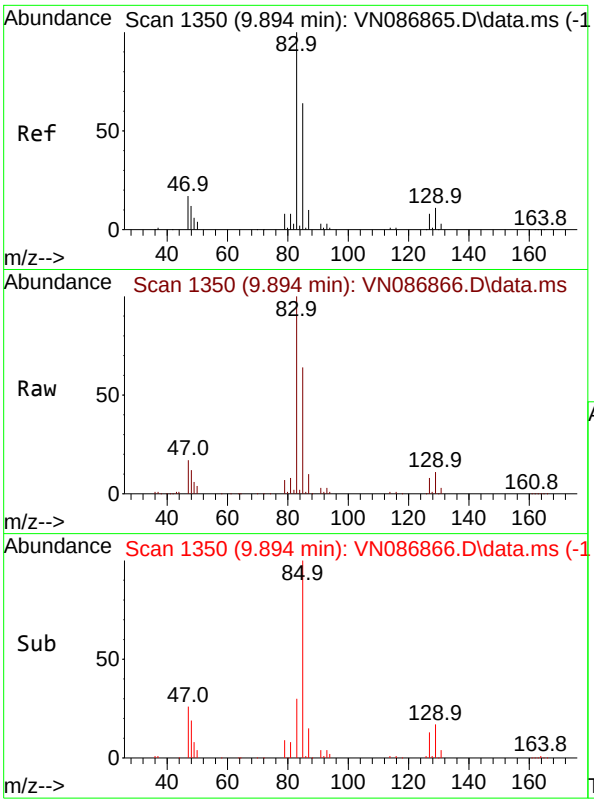


#46
Dibromomethane
Concen: 101.685 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 93 Resp: 155530

Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.1	100.7
174	91.6	74.2	111.4



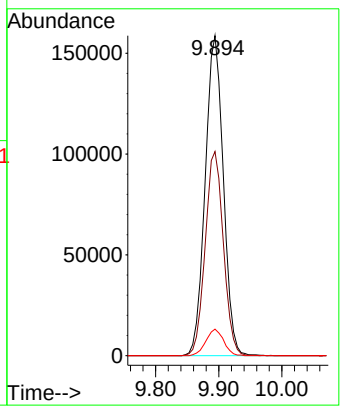


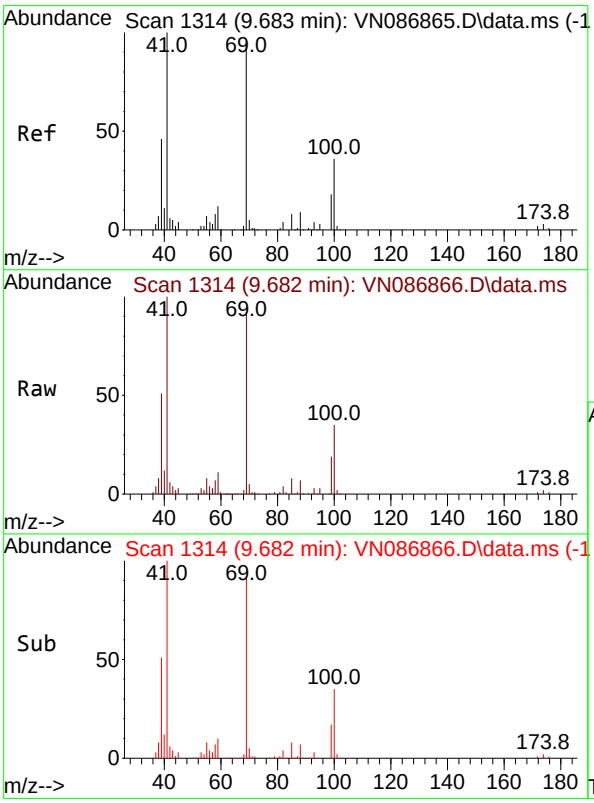
#47
Bromodichloromethane
Concen: 100.533 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 316375

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.9	76.3
127	8.3	6.6	10.0

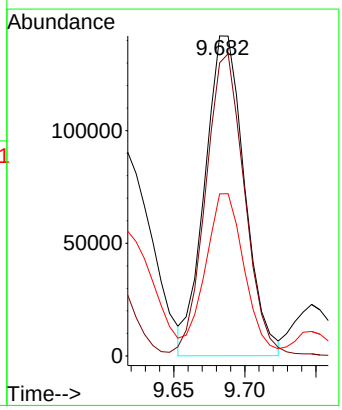


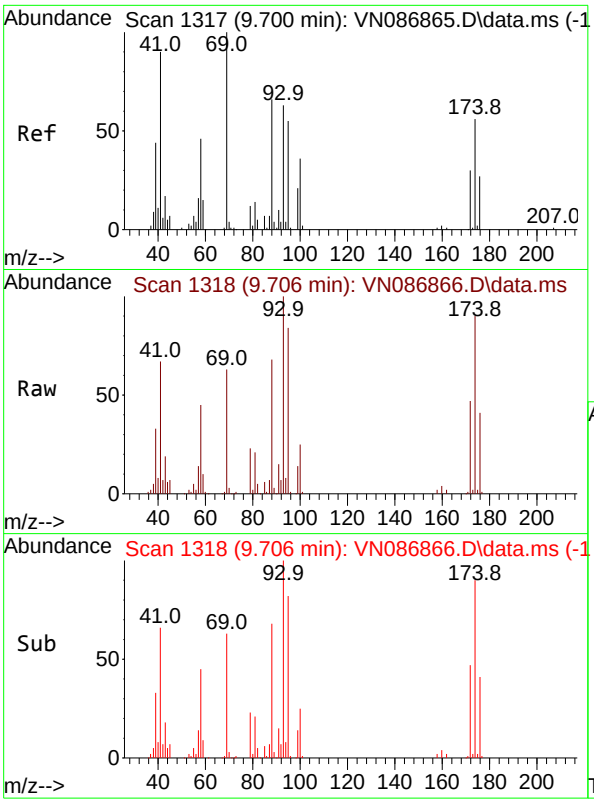


#48
Methyl methacrylate
Concen: 101.288 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 41 Resp: 275710

Ion	Ratio	Lower	Upper
41	100		
69	92.4	74.6	112.0
39	50.1	40.2	60.4



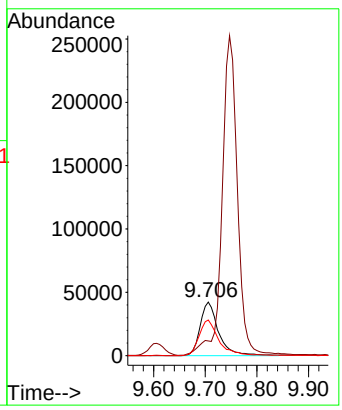


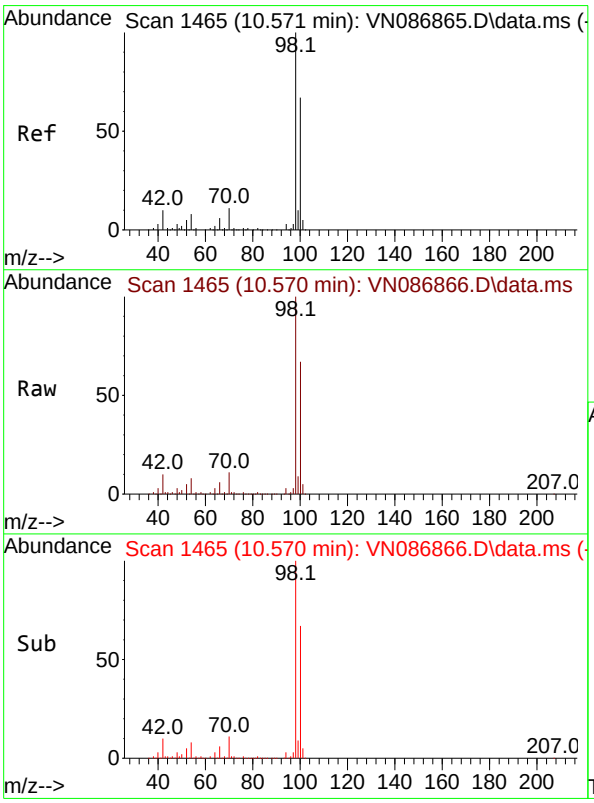
#49
1,4-Dioxane
Concen: 2115.744 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 104771

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.5	57.7	86.5

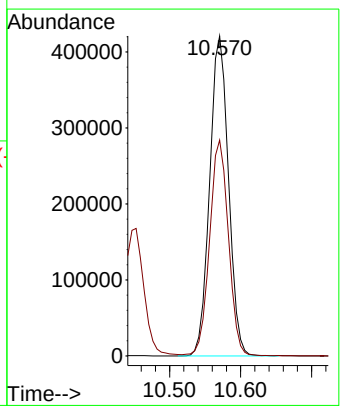


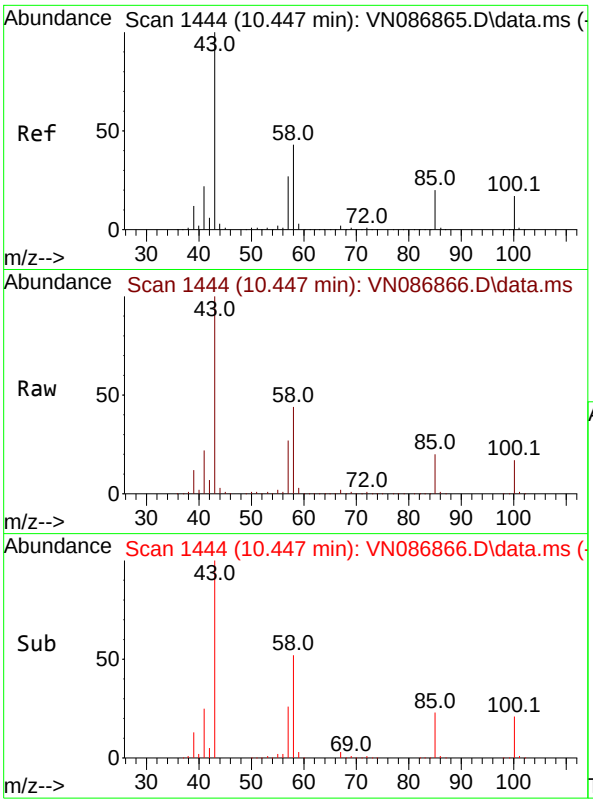


#50
Toluene-d8
Concen: 100.419 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 98 Resp: 772210

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.4	80.0



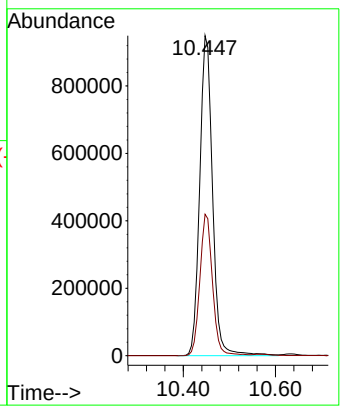


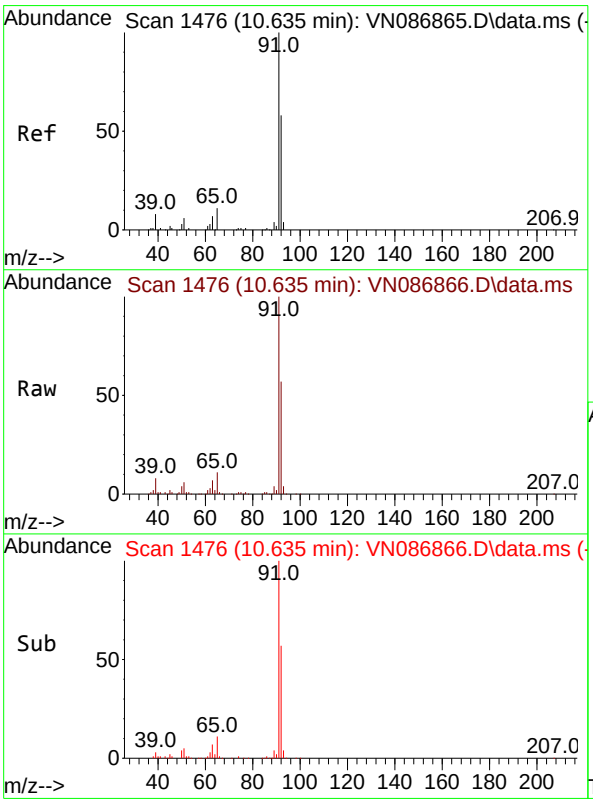
#51
4-Methyl-2-Pentanone
Concen: 517.729 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1843274

Ion	Ratio	Lower	Upper
43	100		
58	43.6	34.2	51.4

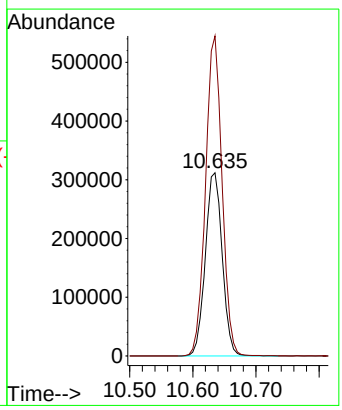


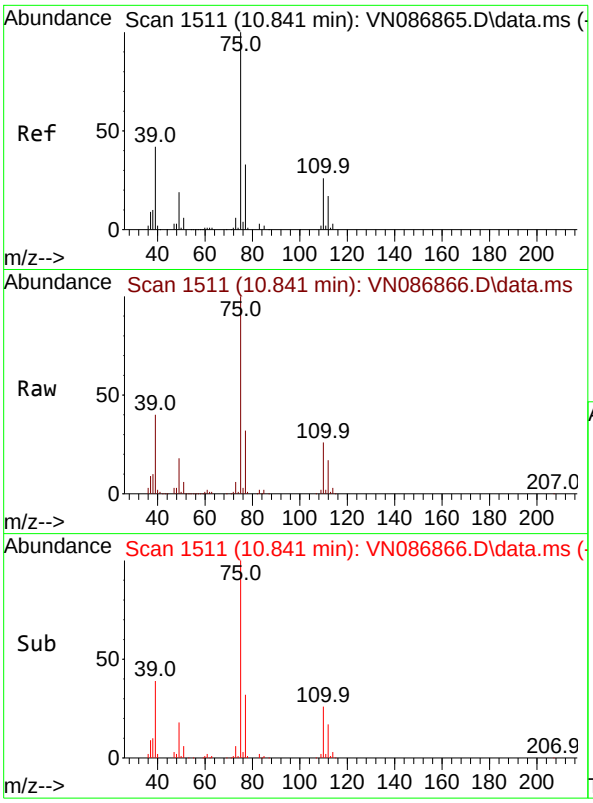


#52
Toluene
Concen: 100.092 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 92 Resp: 578978

Ion	Ratio	Lower	Upper
92	100		
91	170.6	136.5	204.7



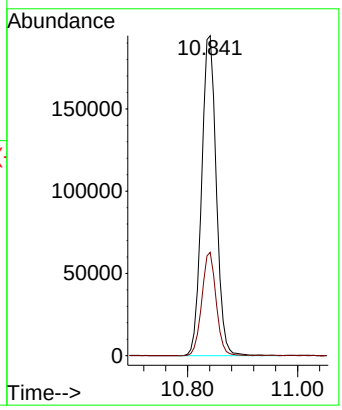


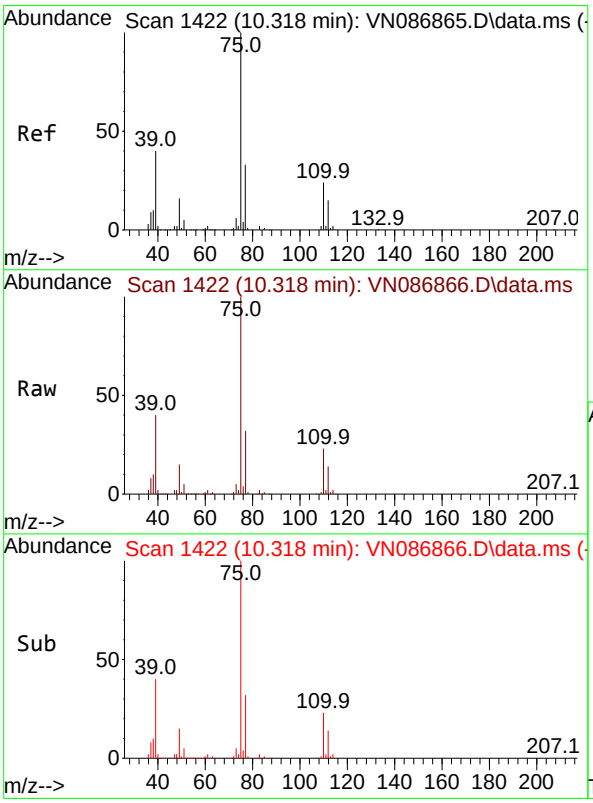
#53
t-1,3-Dichloropropene
Concen: 102.077 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 359200

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.4	39.6

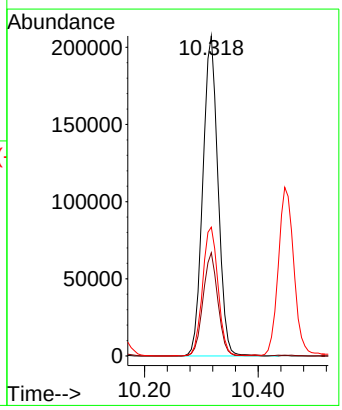


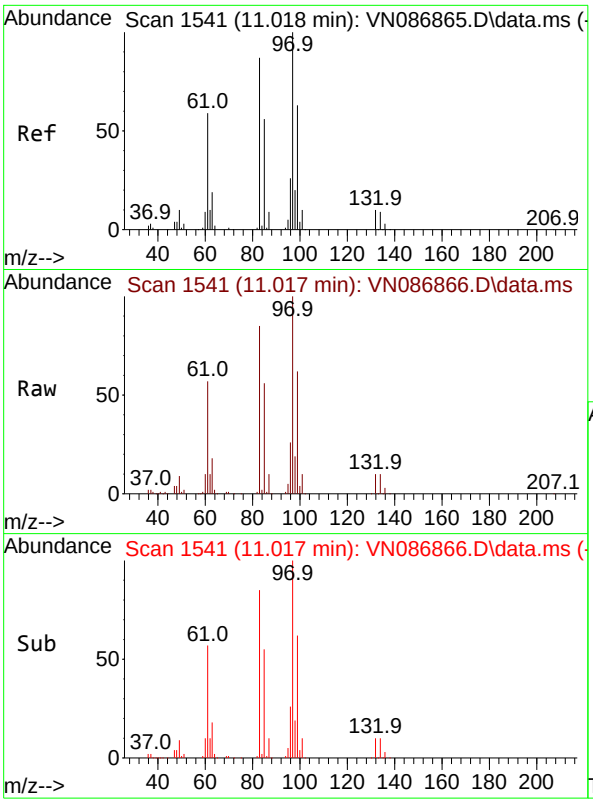


#54
cis-1,3-Dichloropropene
Concen: 101.730 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 383030

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.4
39	40.1	32.3	48.5



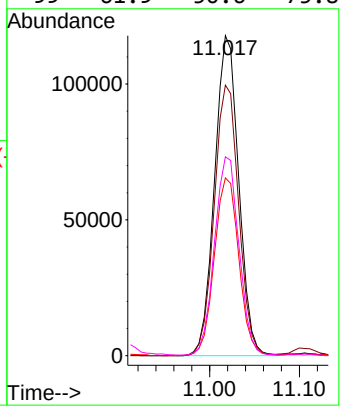


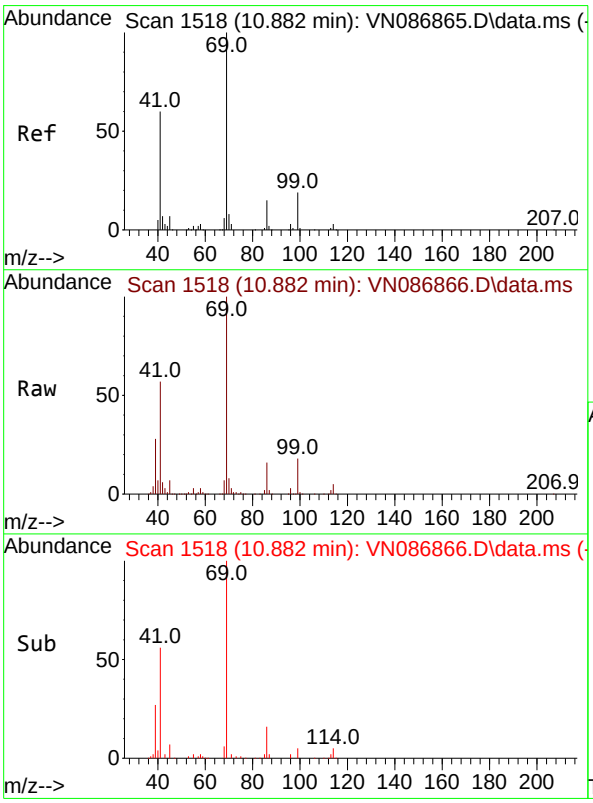
#55
1,1,2-Trichloroethane
Concen: 98.808 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 219922

Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.7	104.5
85	55.6	45.1	67.7
99	61.9	50.6	75.8

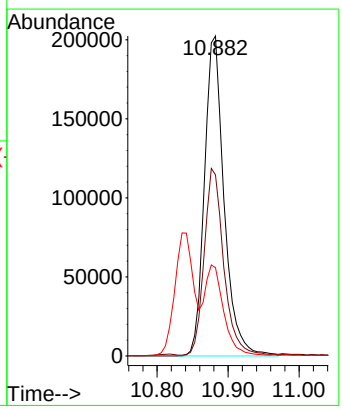


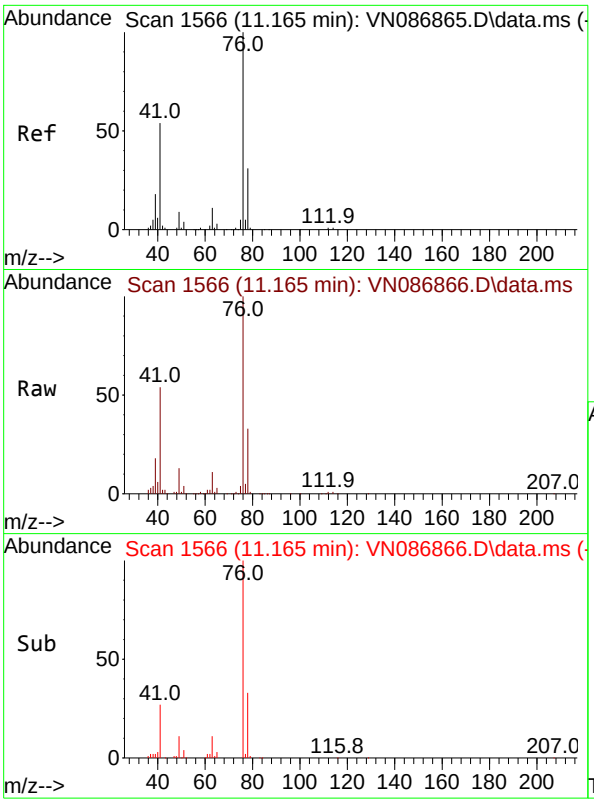


#56
Ethyl methacrylate
Concen: 109.955 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 69 Resp: 389802

Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.2	70.8
39	27.5	23.0	34.6



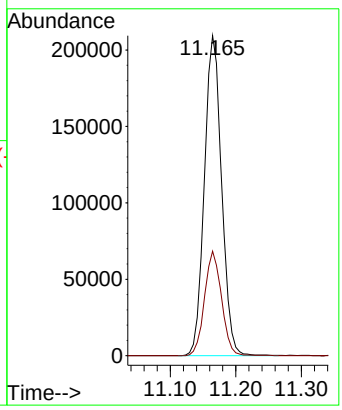


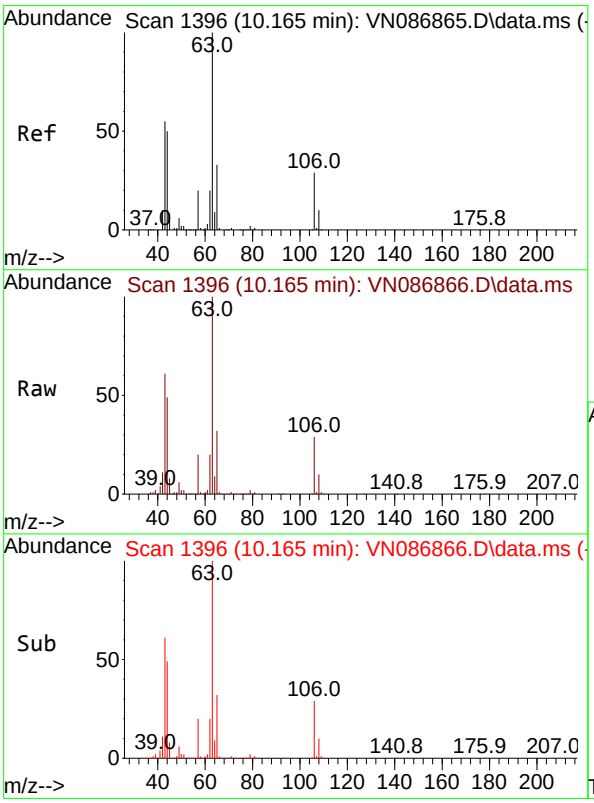
#57
1,3-Dichloropropane
Concen: 99.069 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 382510

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.3	37.9

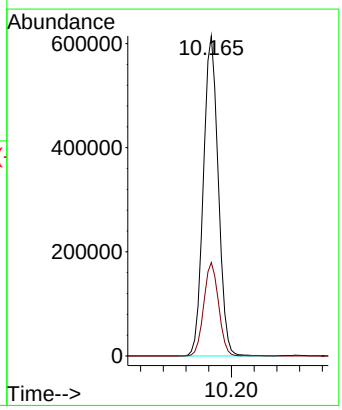


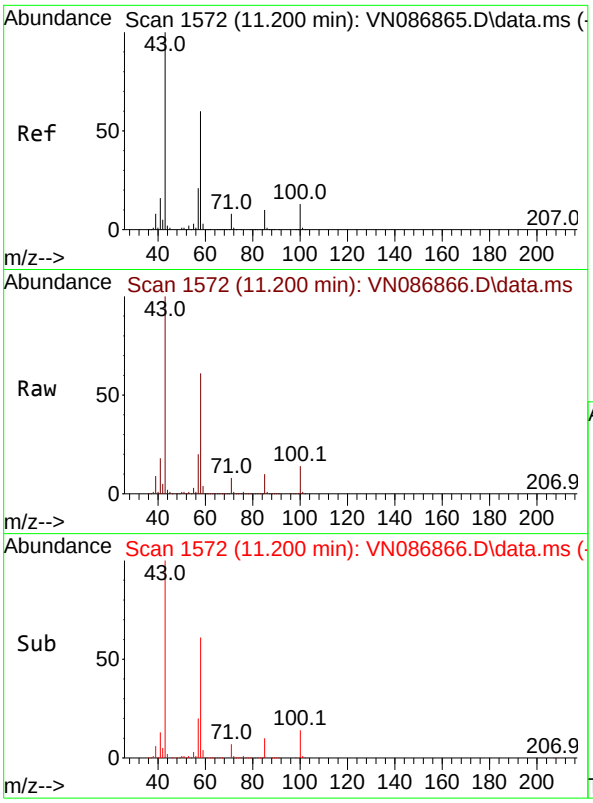


#58
2-Chloroethyl Vinyl ether
Concen: 526.621 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 63 Resp: 1113523

Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.0	34.6



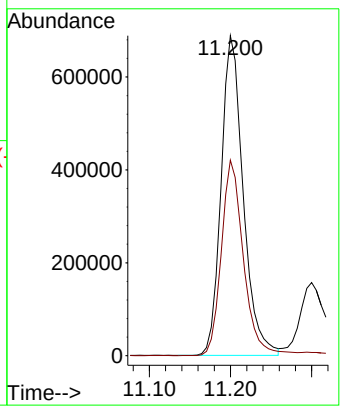


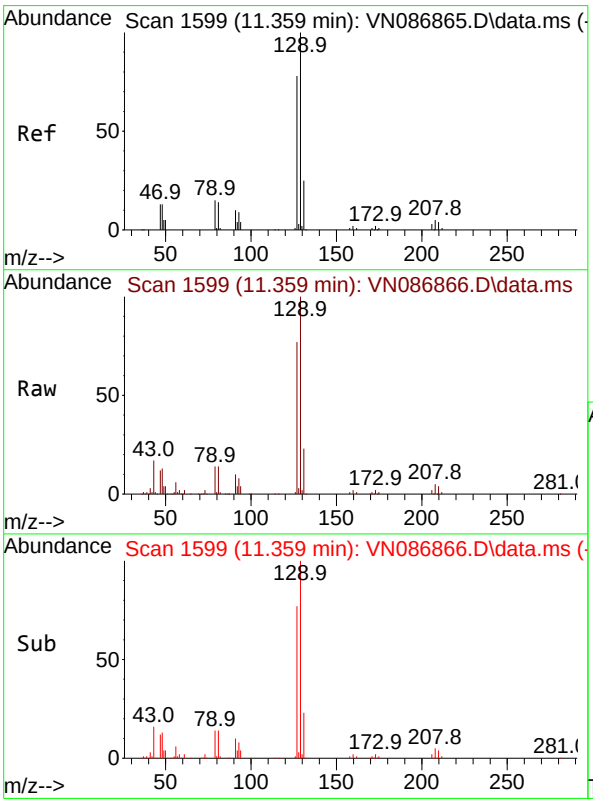
#59
2-Hexanone
Concen: 567.535 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1301539

Ion	Ratio	Lower	Upper
43	100		
58	61.4	30.4	91.3

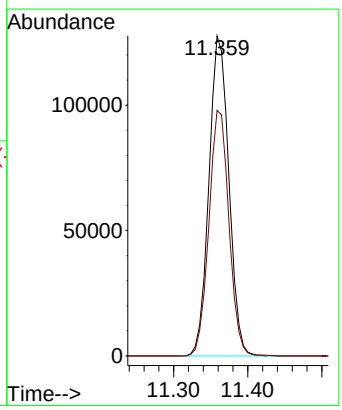


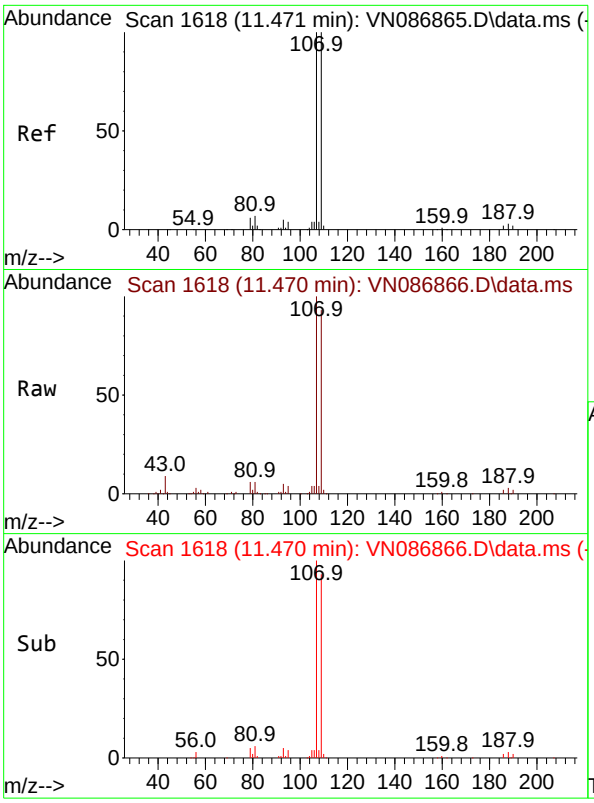


#60
Dibromochloromethane
Concen: 102.616 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:129 Resp: 237965

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.8



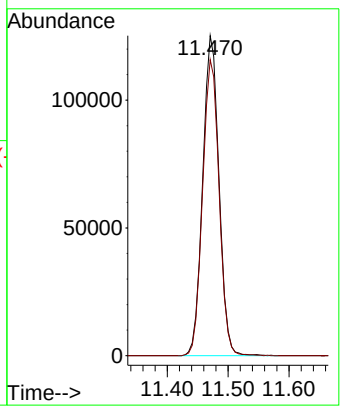


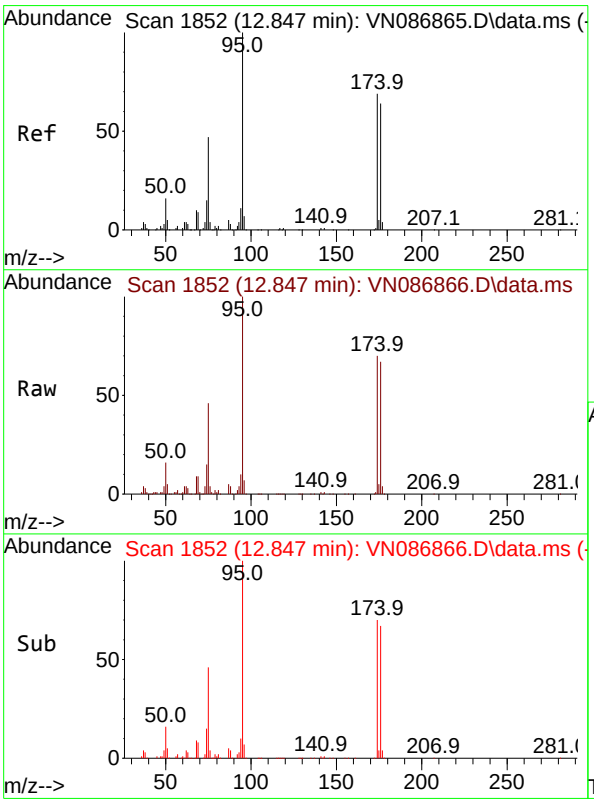
#61
1,2-Dibromoethane
Concen: 101.787 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 232214

Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.3	114.5

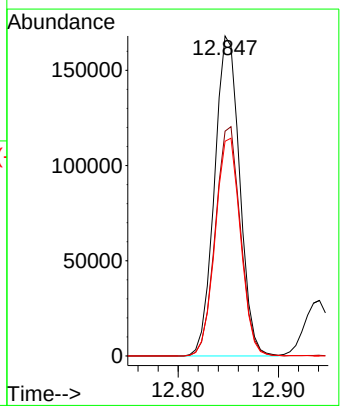


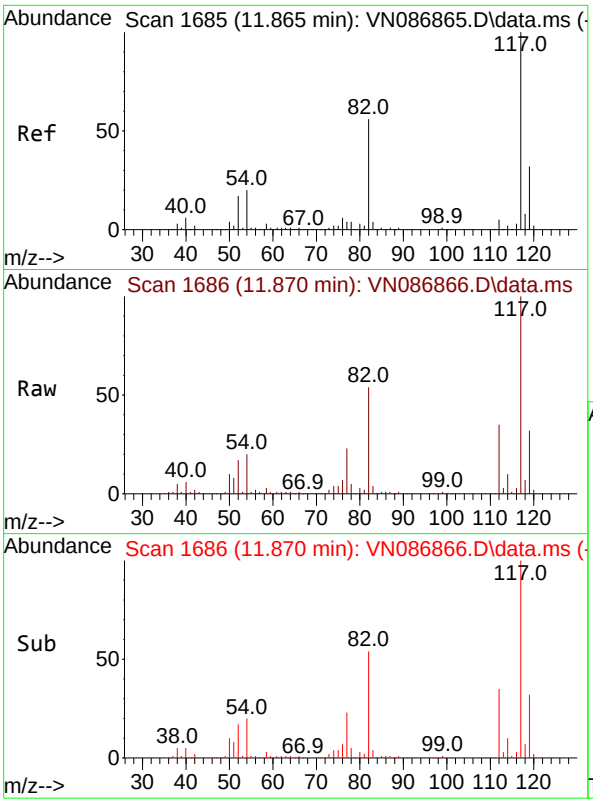


#62
4-Bromofluorobenzene
Concen: 102.339 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 95 Resp: 292385

Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	141.8
176	68.6	0.0	132.6



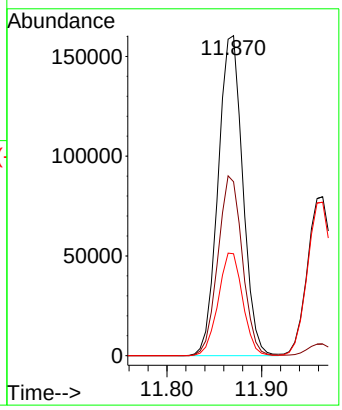


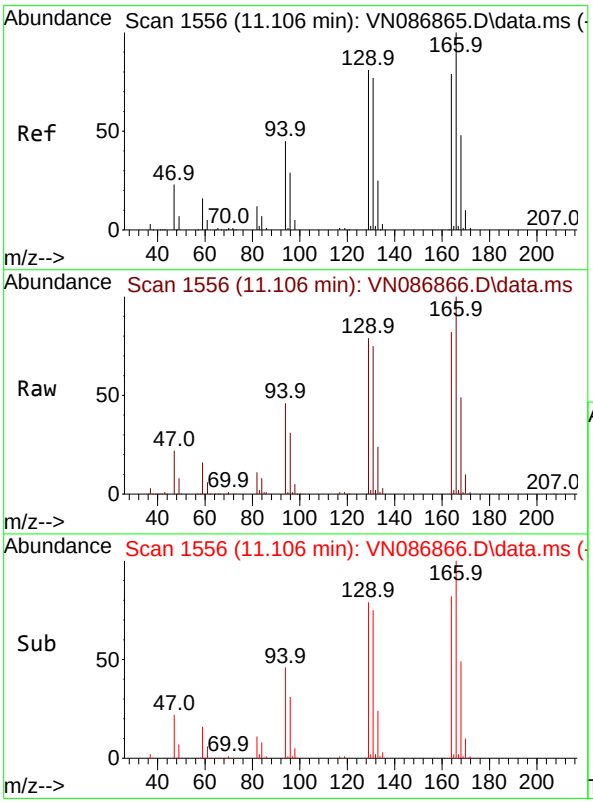
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 290313

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.6	67.0
119	31.9	25.5	38.3

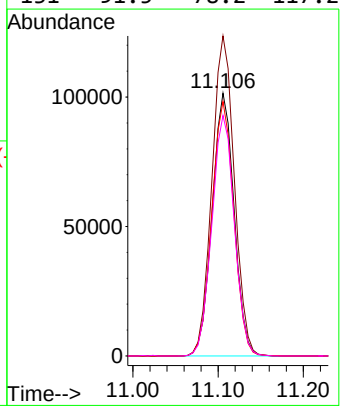


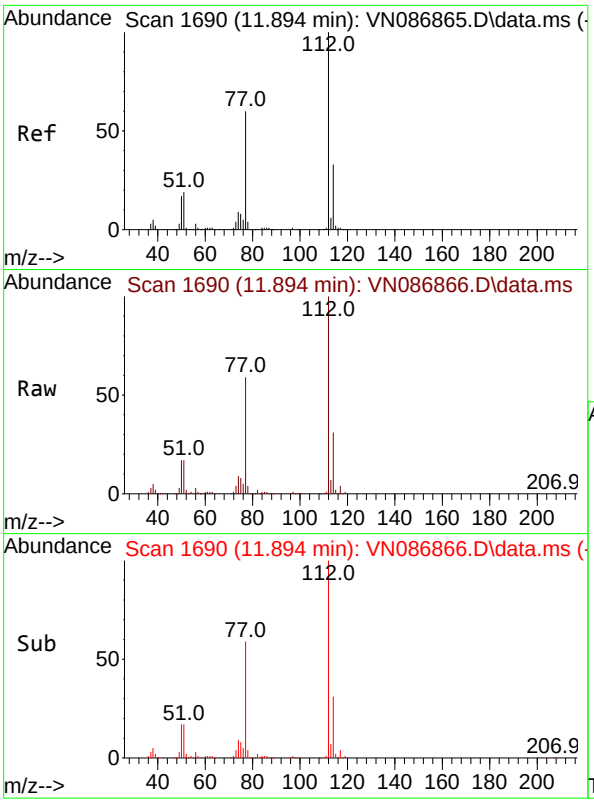


#64
Tetrachloroethene
Concen: 98.824 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:164 Resp: 181568

Ion	Ratio	Lower	Upper
164	100		
166	121.8	101.8	152.8
129	96.8	83.0	124.4
131	91.5	78.2	117.2



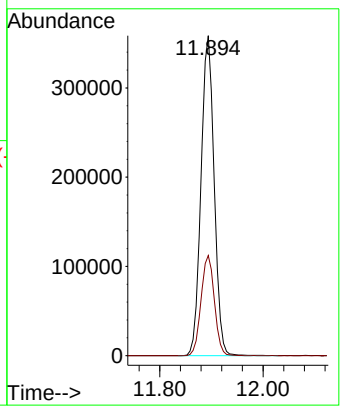


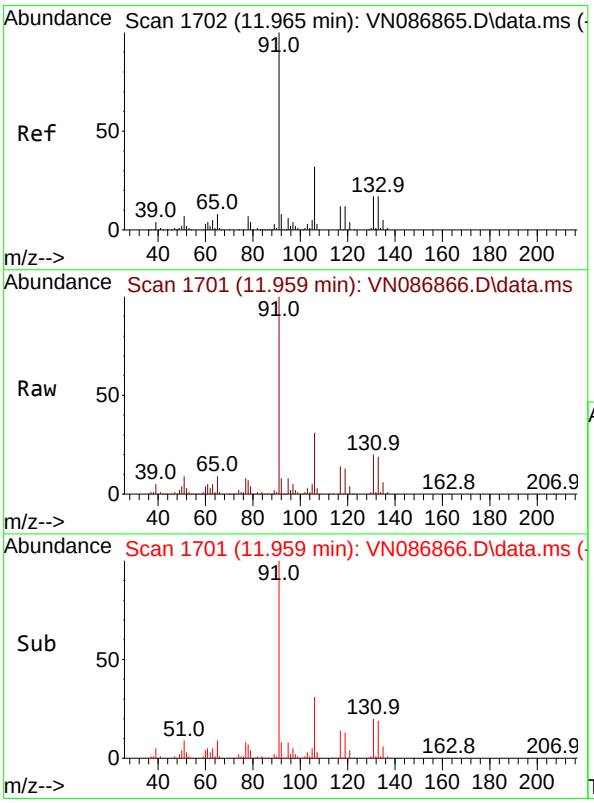
#65
Chlorobenzene
Concen: 98.793 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 632563

Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.2	39.2

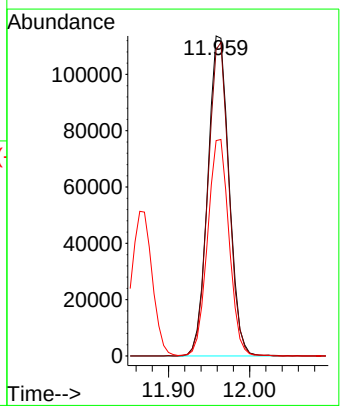


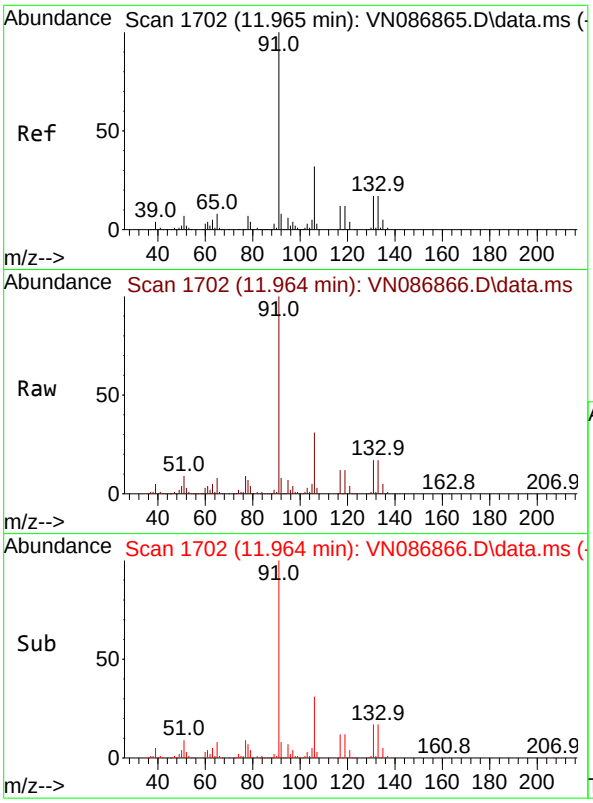


#66
1,1,1,2-Tetrachloroethane
Concen: 100.521 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:131 Resp: 206895

Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.3	144.8
119	68.2	34.0	101.8



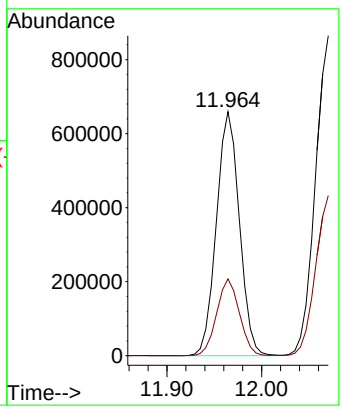


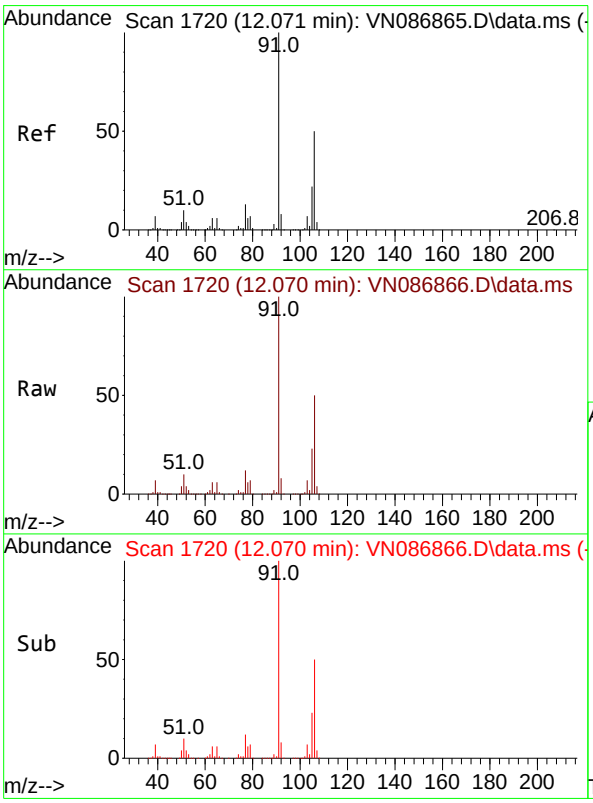
#67
Ethyl Benzene
Concen: 100.717 ug/l
RT: 11.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1110803

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.4	38.2

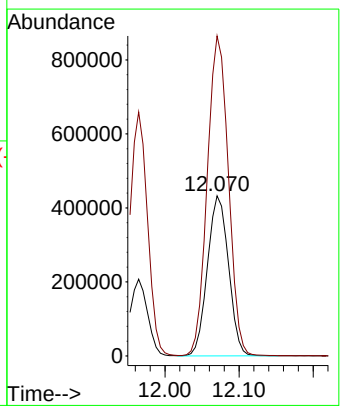


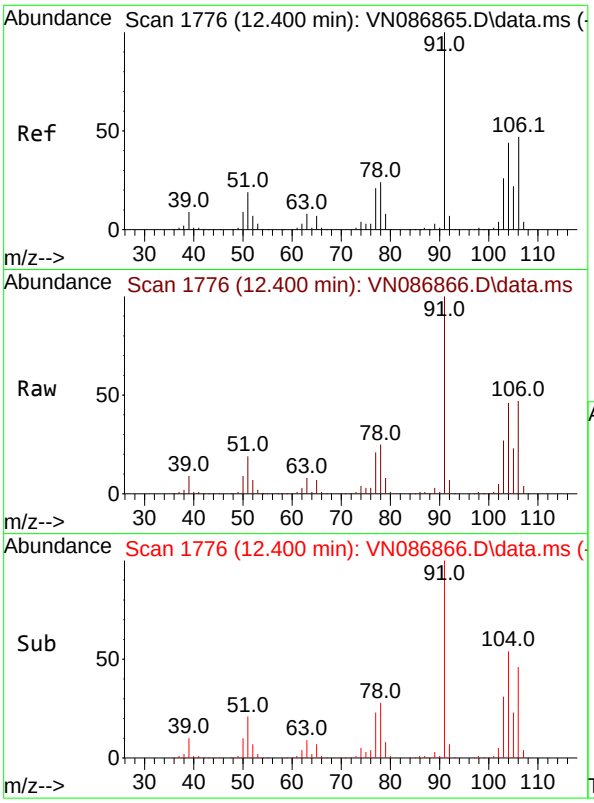


#68
m/p-Xylenes
Concen: 202.411 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:106 Resp: 854557

Ion	Ratio	Lower	Upper
106	100		
91	200.4	159.4	239.0



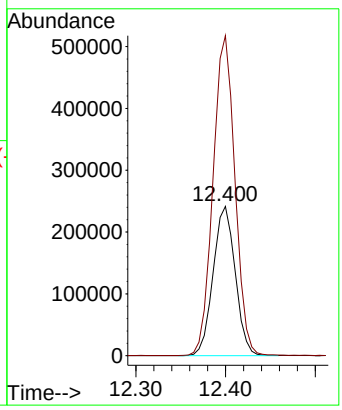


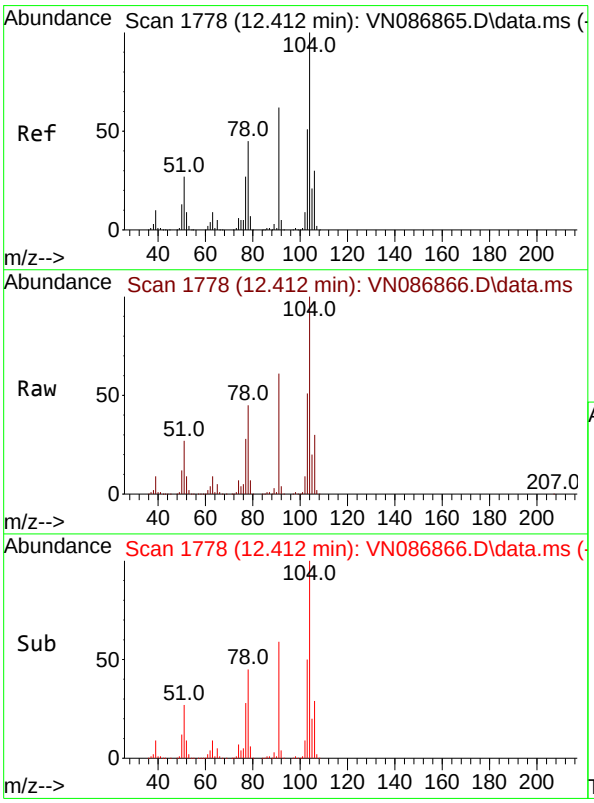
#69
o-Xylene
Concen: 102.070 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 412719

Ion	Ratio	Lower	Upper
106	100		
91	212.8	106.1	318.1

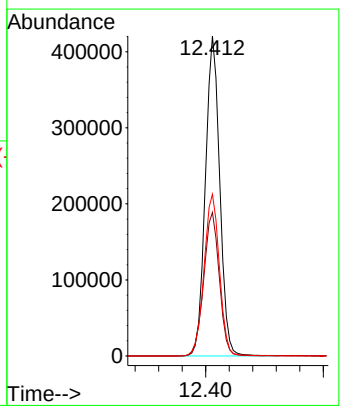


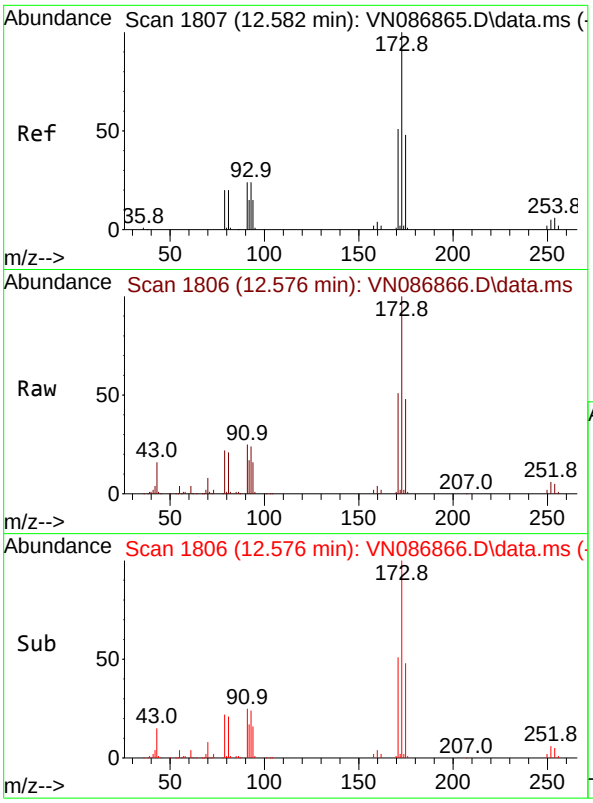


#70
Styrene
Concen: 103.127 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:104 Resp: 713548

Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.5	57.7
103	54.0	43.1	64.7



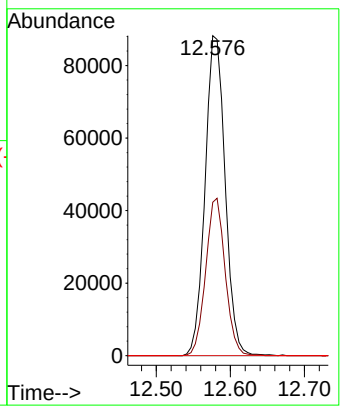


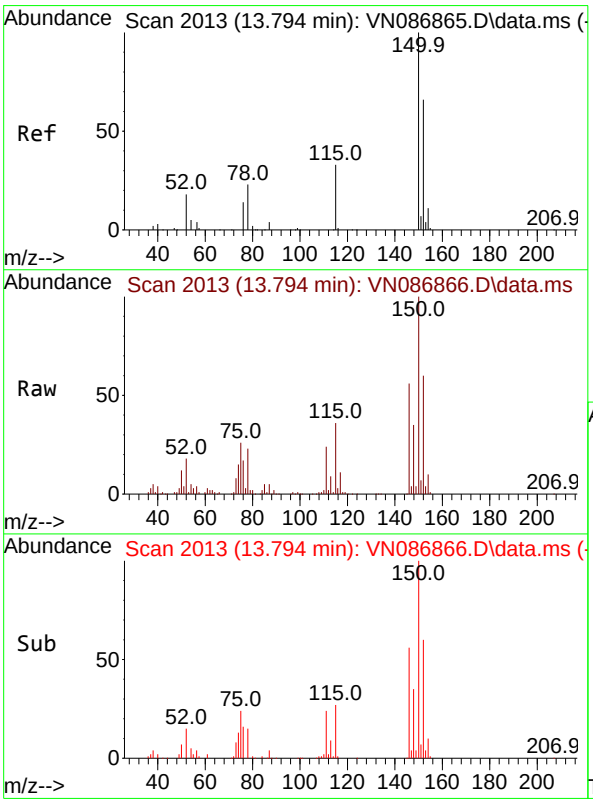
#71
Bromoform
Concen: 108.707 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 165781

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.4
254	0.0	0.0	0.0

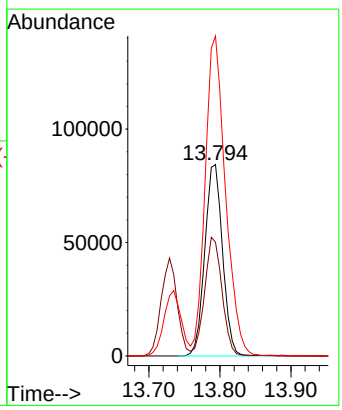


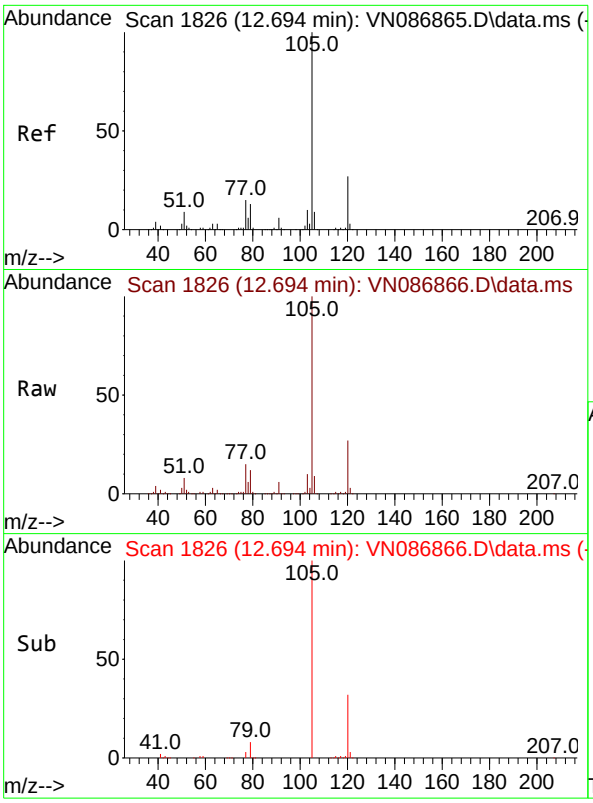


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:152 Resp: 147098

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.5
150	190.4	0.0	345.0



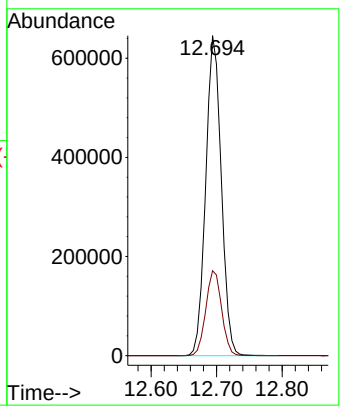


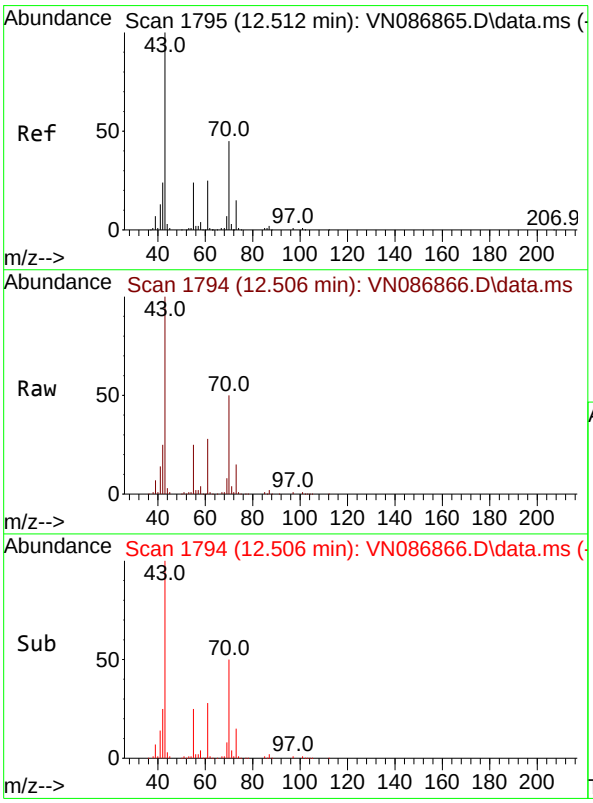
#73
Isopropylbenzene
Concen: 99.410 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1065297

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4

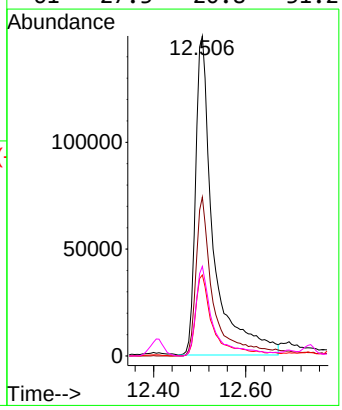


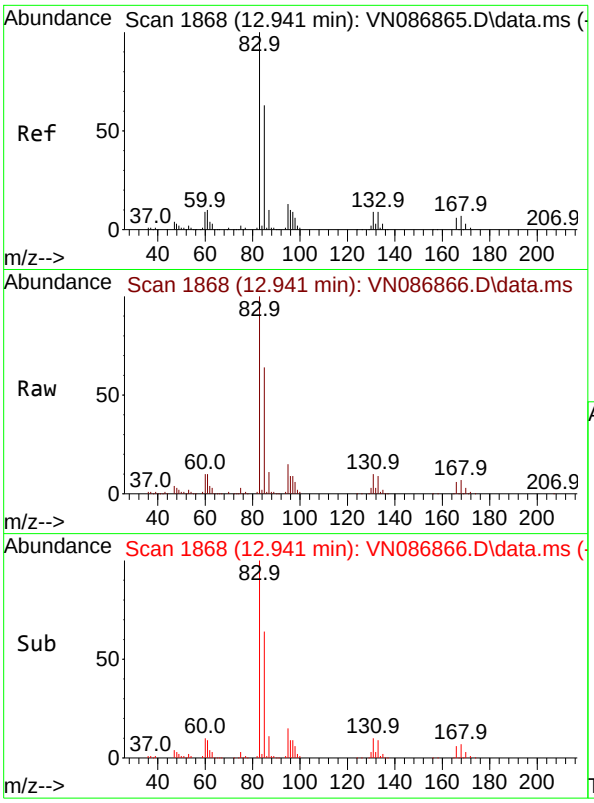


#74
N-amyl acetate
Concen: 113.475 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 403587

Ion	Ratio	Lower	Upper
43	100		
70	47.7	37.6	56.4
55	25.0	19.0	28.6
61	27.3	20.8	31.2



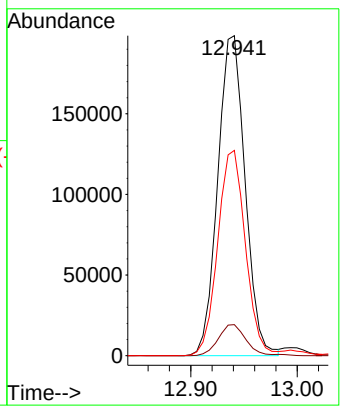


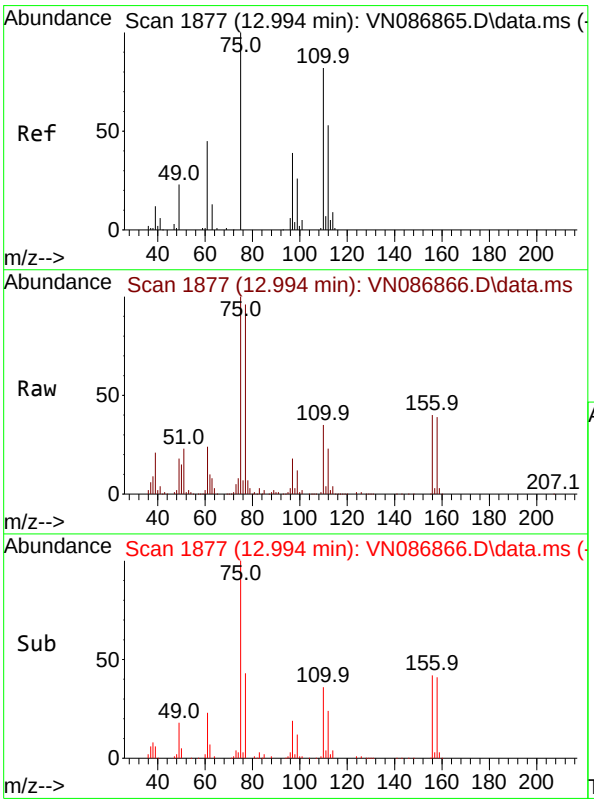
#75
1,1,2,2-Tetrachloroethane
Concen: 97.616 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 354386

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	64.9	32.0	96.0

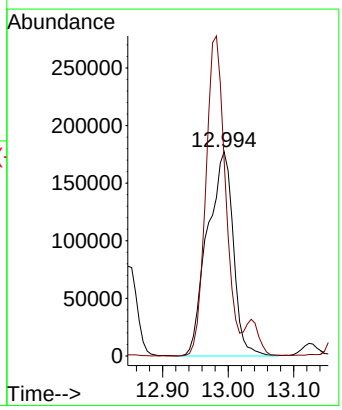


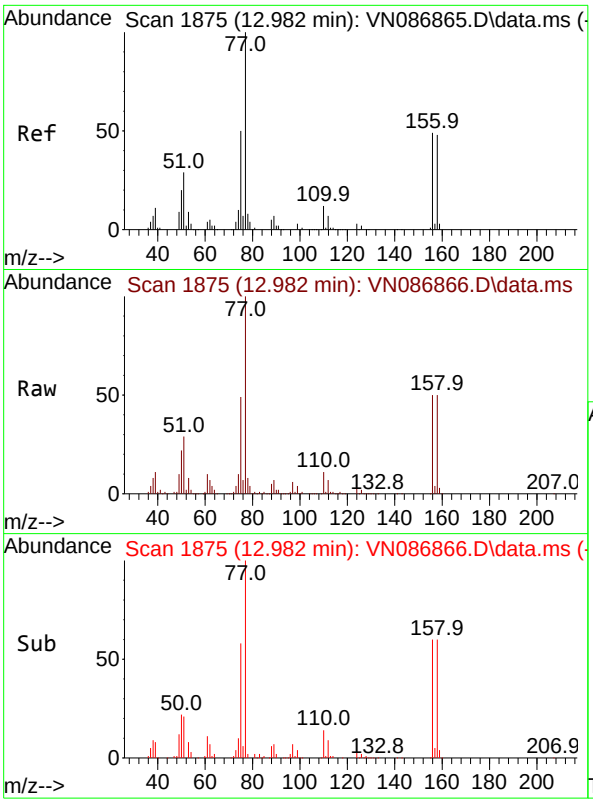


#76
1,2,3-Trichloropropane
Concen: 138.300 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 485083

Ion	Ratio	Lower	Upper
75	100		
77	118.2	79.3	237.9



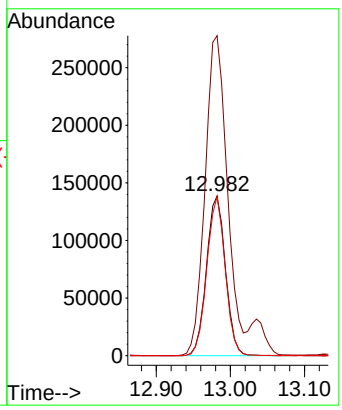


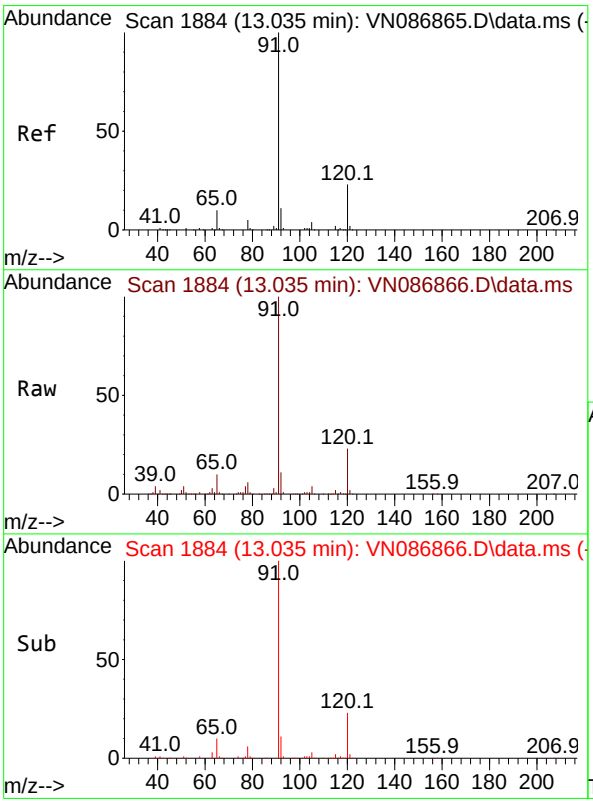
#77
Bromobenzene
Concen: 100.266 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 246413

Ion	Ratio	Lower	Upper
156	100		
77	232.6	117.7	353.1
158	96.4	48.1	144.4

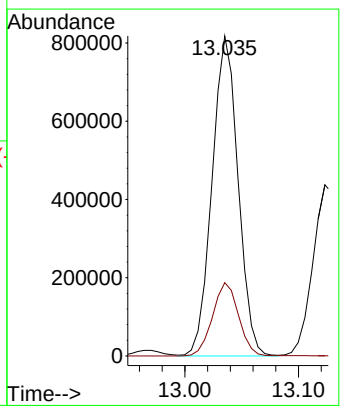


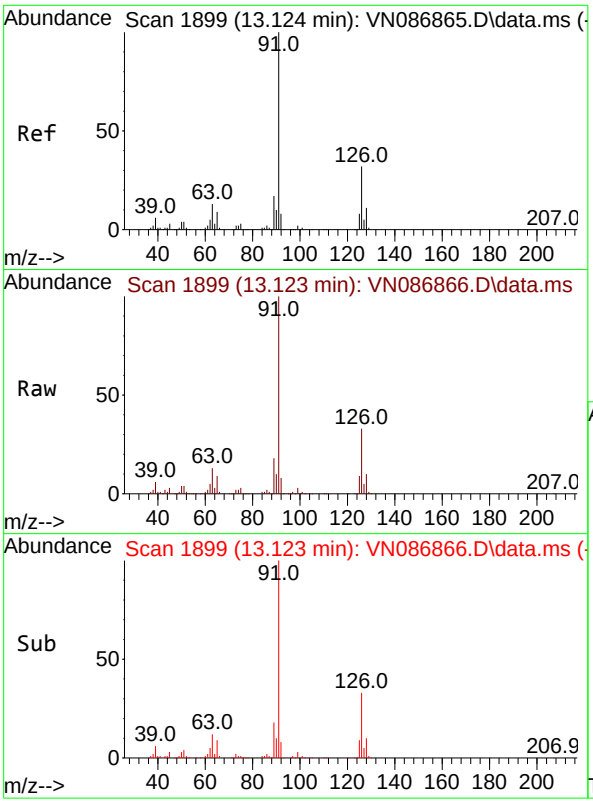


#78
n-propylbenzene
Concen: 99.948 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 91 Resp: 1301631

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2



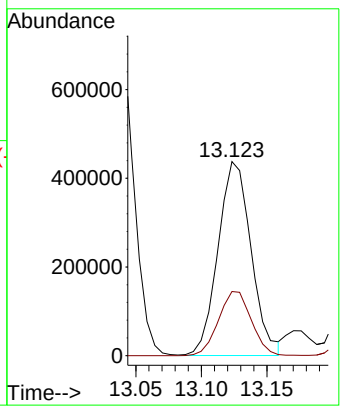


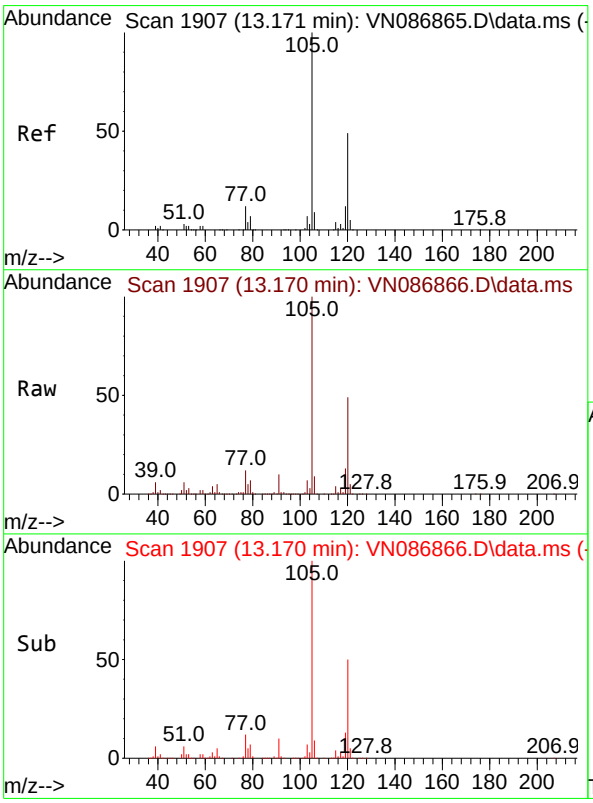
#79
2-Chlorotoluene
Concen: 98.630 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 770308

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.5

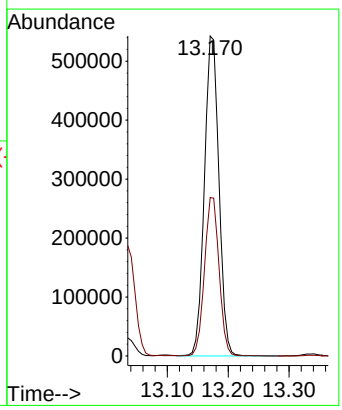


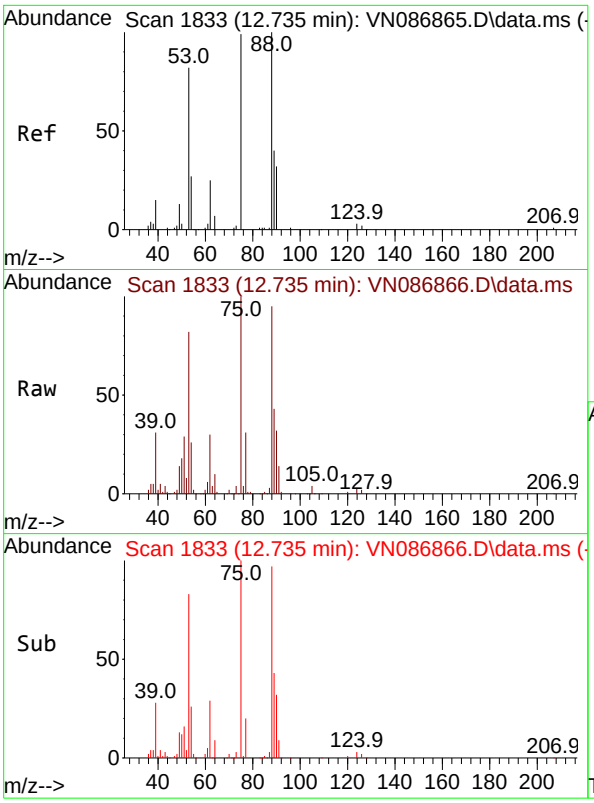


#80
1,3,5-Trimethylbenzene
Concen: 101.873 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:105 Resp: 901317

Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.9	74.6



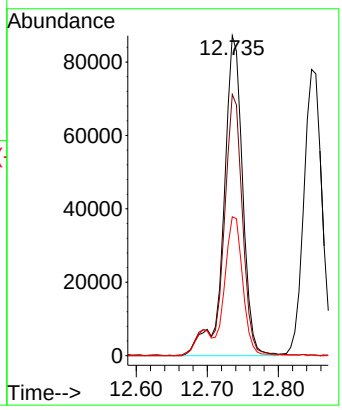


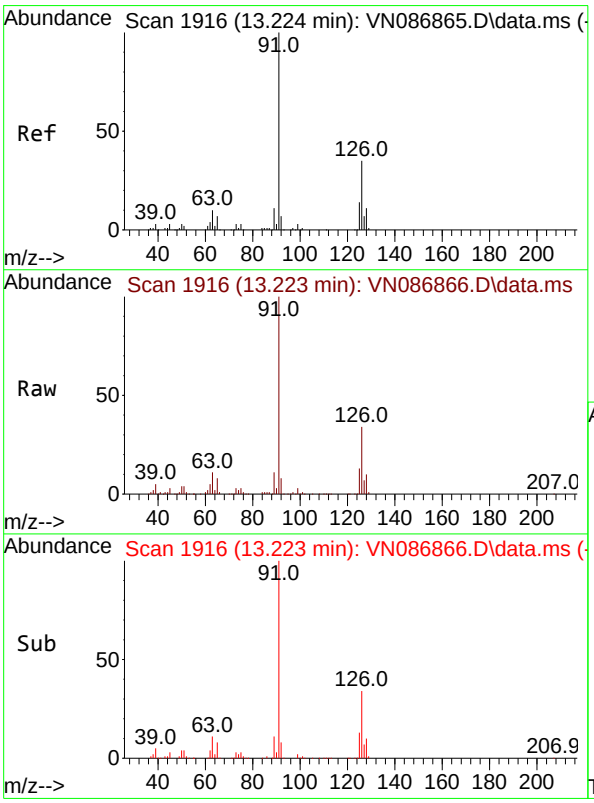
#81
trans-1,4-Dichloro-2-butene
Concen: 105.820 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 160736

Ion	Ratio	Lower	Upper
75	100		
53	76.0	66.6	99.8
89	41.1	36.7	55.1

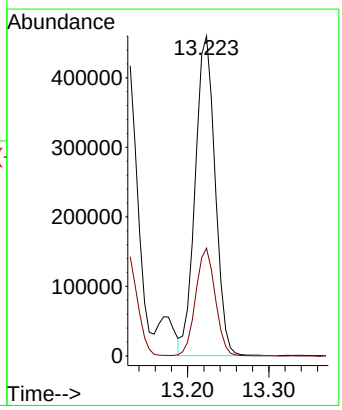


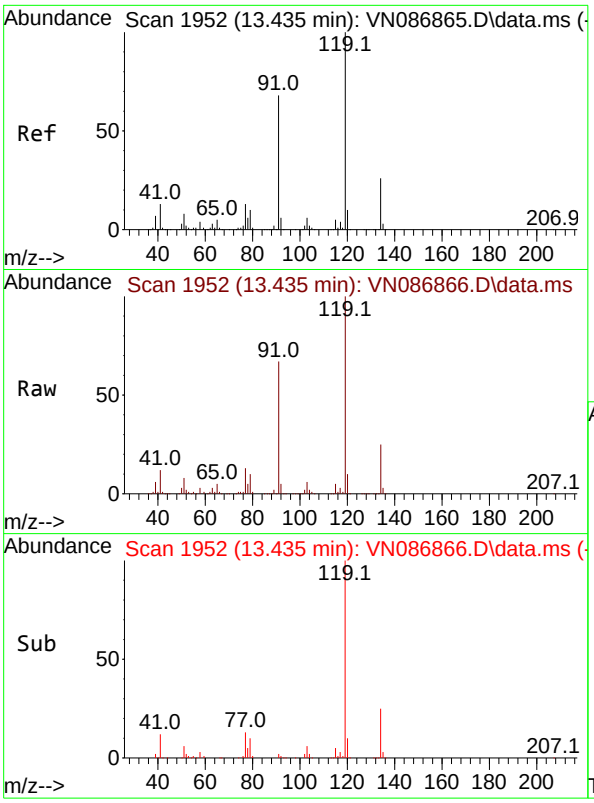


#82
4-Chlorotoluene
Concen: 99.166 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 91 Resp: 783657

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.7	50.1



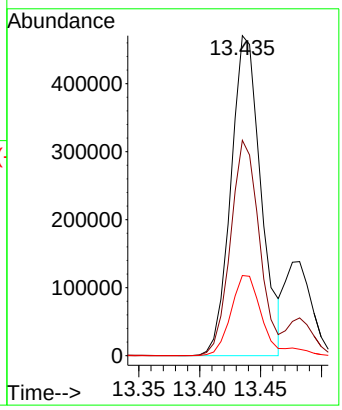


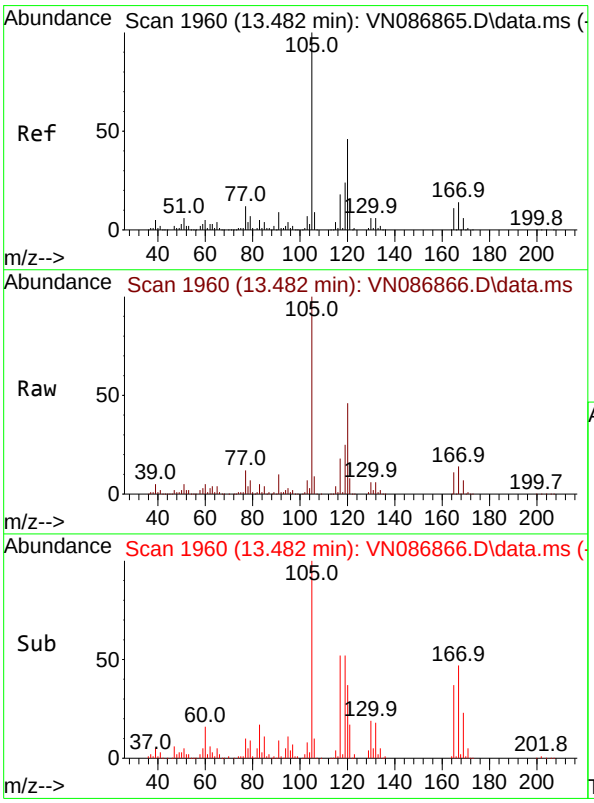
#83
tert-Butylbenzene
Concen: 99.710 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 807528

Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.1	96.5
134	26.6	13.4	40.1

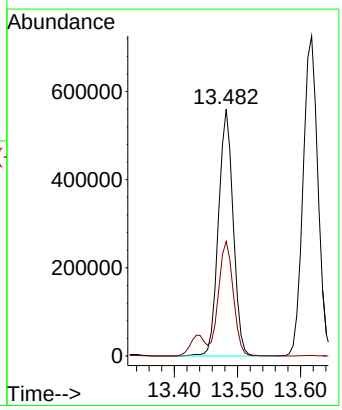


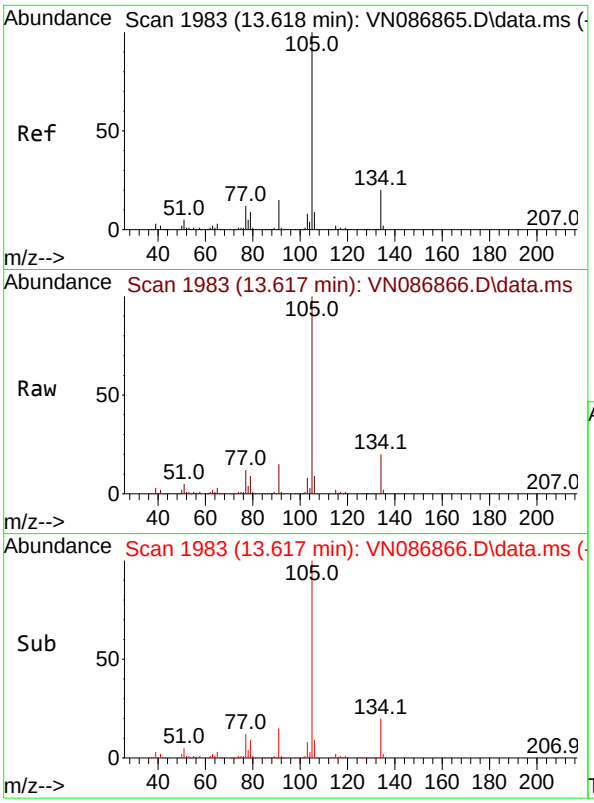


#84
1,2,4-Trimethylbenzene
Concen: 101.983 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:105 Resp: 904794

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6



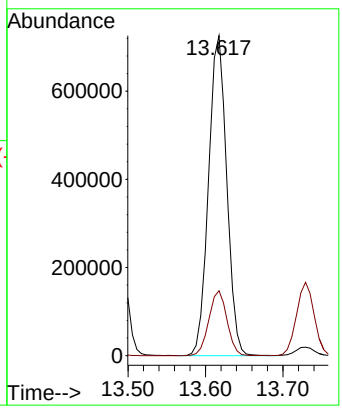


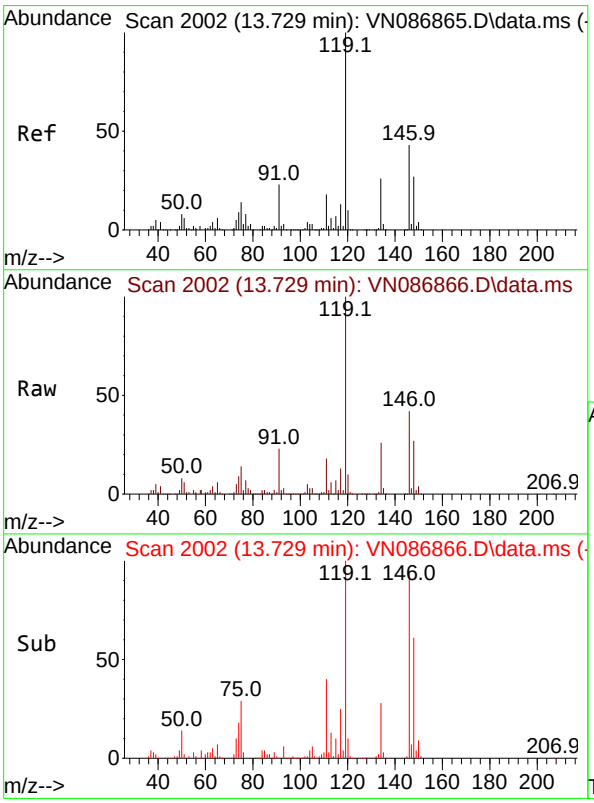
#85
sec-Butylbenzene
Concen: 100.513 ug/l
RT: 13.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1182155

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0

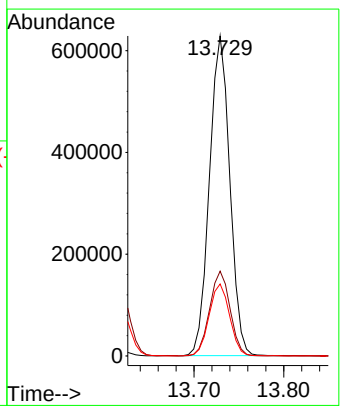


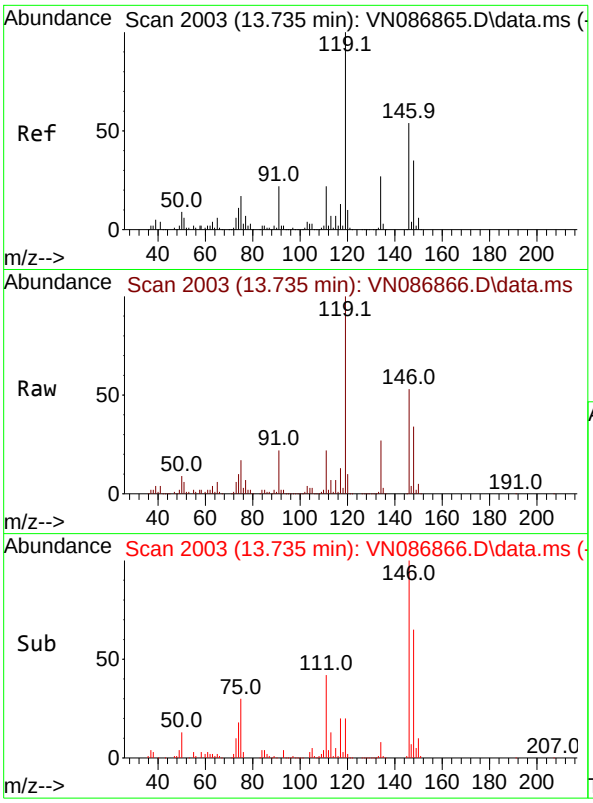


#86
p-Isopropyltoluene
Concen: 101.857 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:119 Resp: 990273

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.4
91	22.6	11.5	34.4



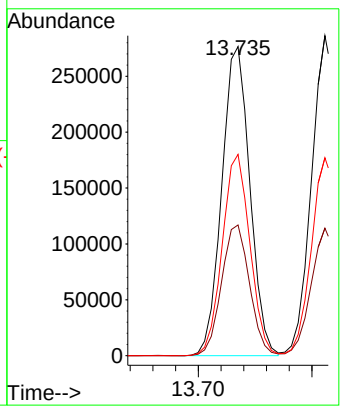


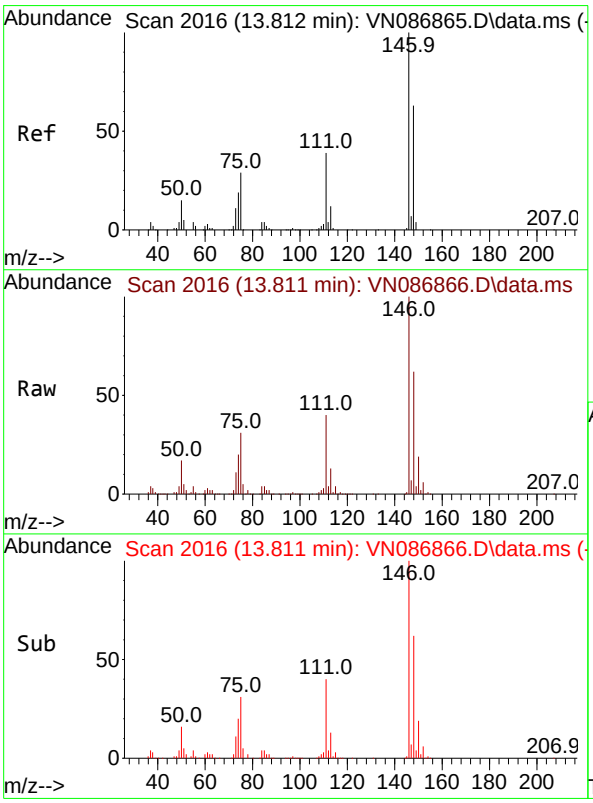
#87
1,3-Dichlorobenzene
Concen: 98.063 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 474162

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.8
148	64.4	32.0	96.2

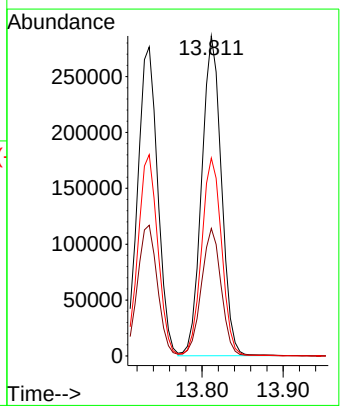


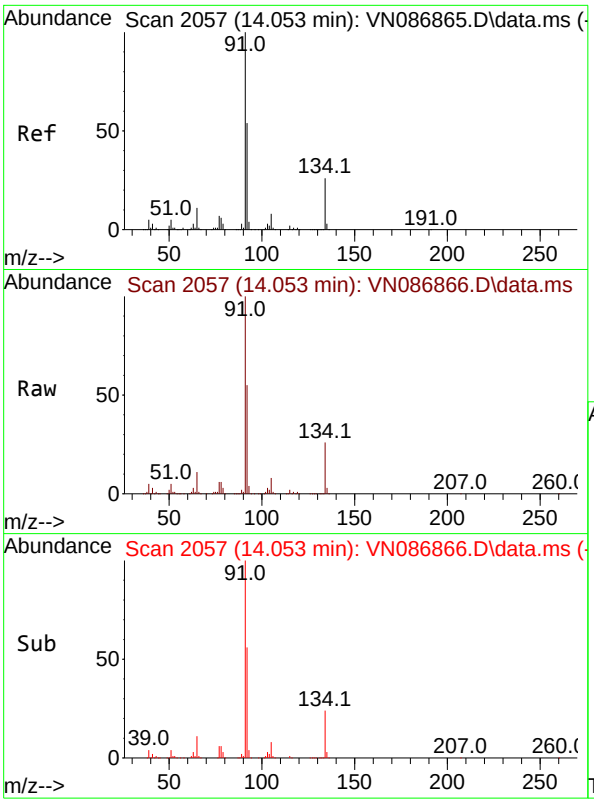


#88
1,4-Dichlorobenzene
Concen: 97.978 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:146 Resp: 483003

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.0	31.8	95.4



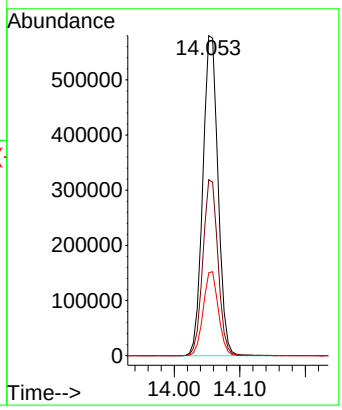


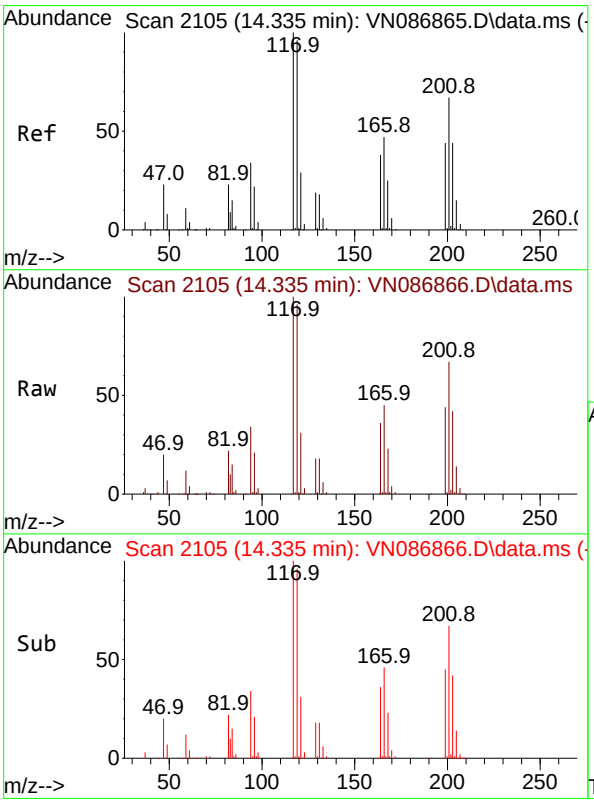
#89
n-Butylbenzene
Concen: 99.598 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 937913

Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.5	82.4
134	26.2	13.0	39.0

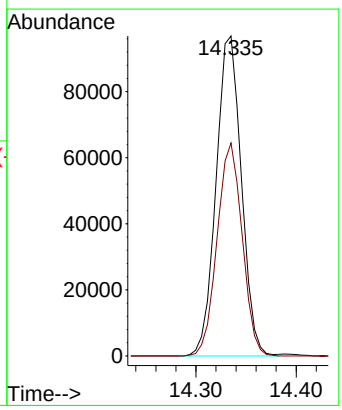


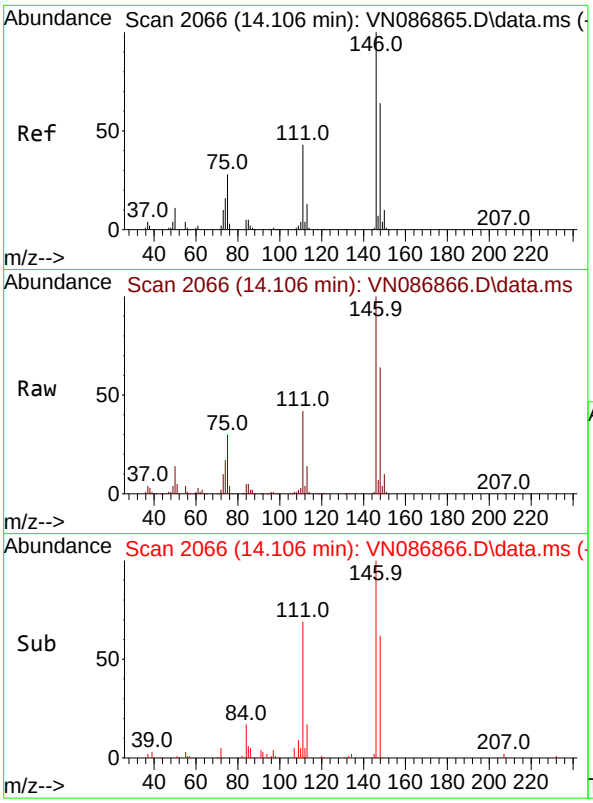


#90
Hexachloroethane
Concen: 103.019 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:117 Resp: 169772

Ion	Ratio	Lower	Upper
117	100		
201	65.8	33.2	99.6



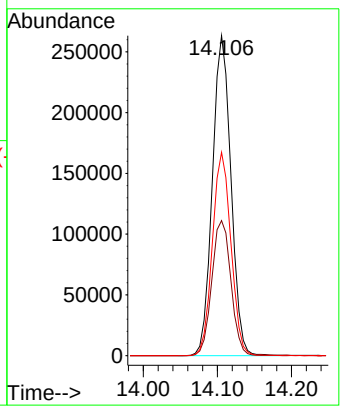


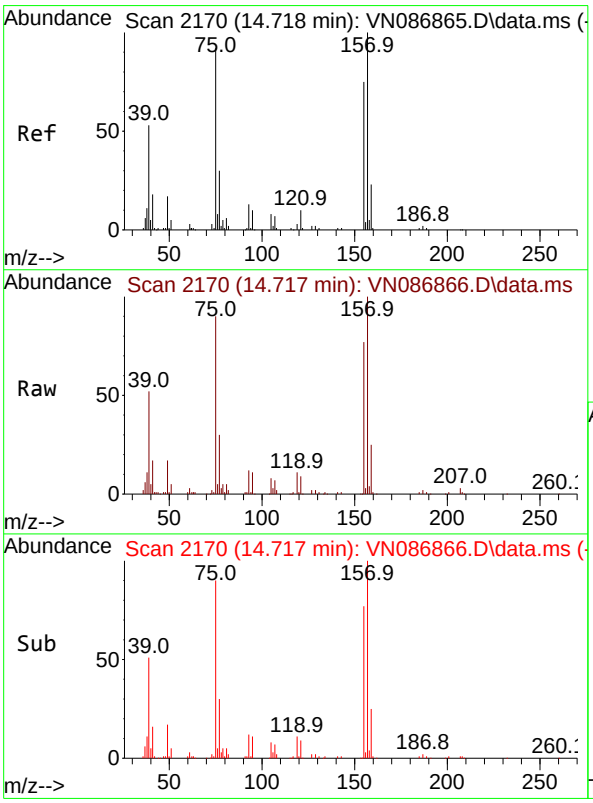
#91
1,2-Dichlorobenzene
Concen: 98.602 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 458049

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.6
148	63.5	31.7	95.1

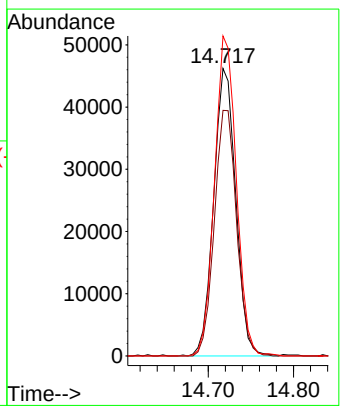


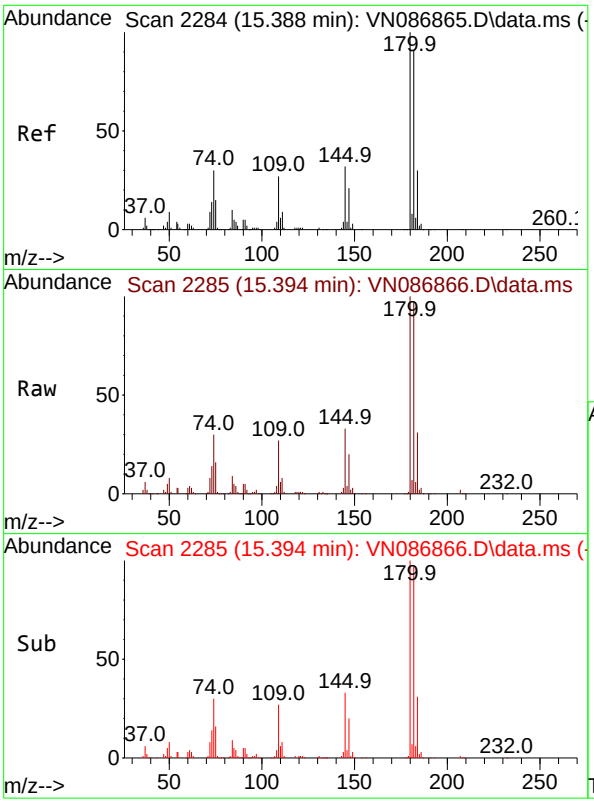


#92
1,2-Dibromo-3-Chloropropane
Concen: 95.877 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 83243

Ion	Ratio	Lower	Upper
75	100		
155	86.1	41.1	123.4
157	109.8	52.7	158.1



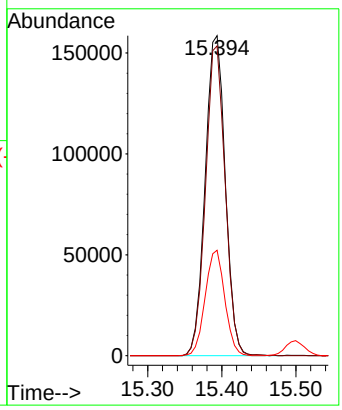


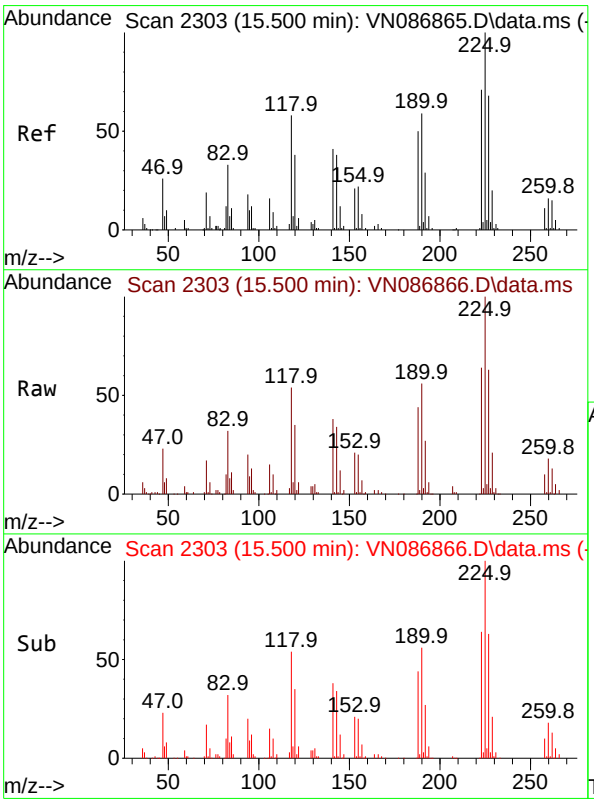
#93
1,2,4-Trichlorobenzene
Concen: 100.751 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 298870

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.7
145	32.2	16.0	47.9

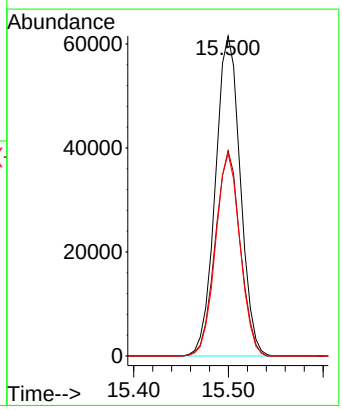


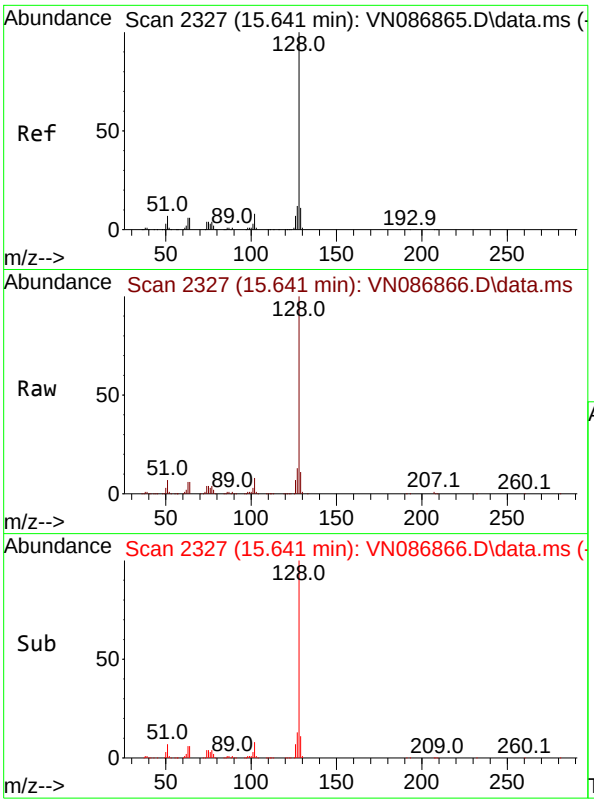


#94
Hexachlorobutadiene
Concen: 101.789 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:225 Resp: 112496

Ion	Ratio	Lower	Upper
225	100		
223	64.2	33.5	100.4
227	62.1	31.1	93.5



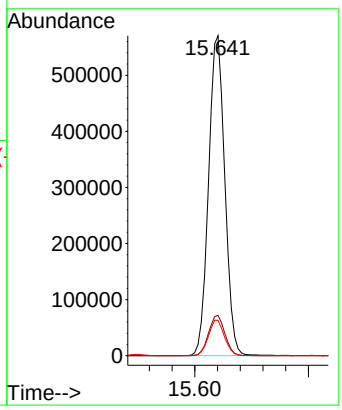


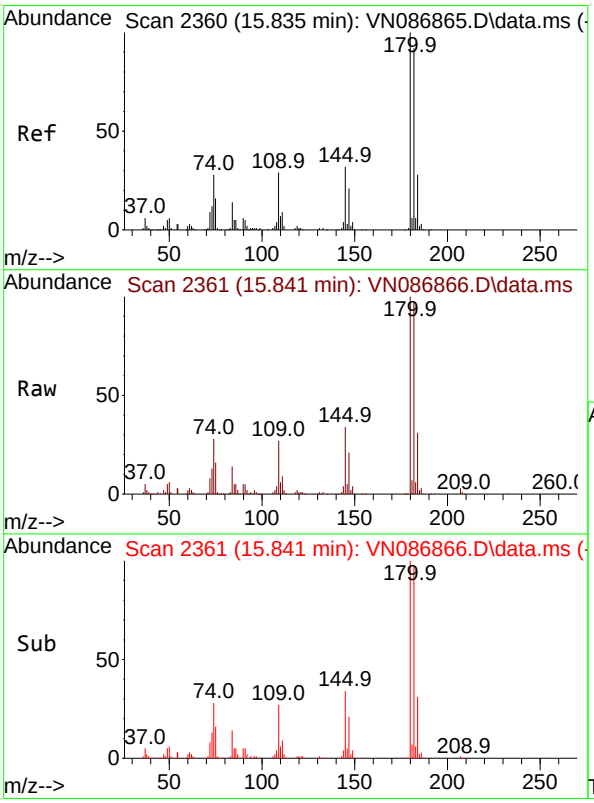
#95
Naphthalene
Concen: 102.290 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1129434

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.0	8.8	13.2

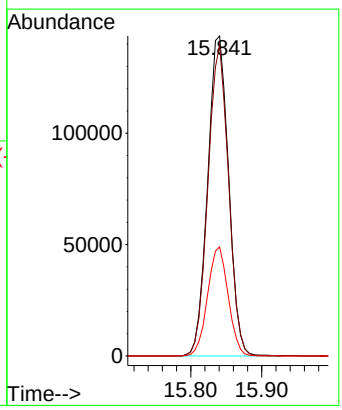




#96
1,2,3-Trichlorobenzene
Concen: 99.796 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:180 Resp: 294127

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.0	141.0
145	33.5	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	172832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	278552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	389297	168.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 336.460%#			
35) Dibromofluoromethane	8.176	113	324474	177.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 355.600%#			
50) Toluene-d8	10.570	98	1272348	176.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 352.240%#			
62) 4-Bromofluorobenzene	12.847	95	481421	179.364	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 358.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	262143	152.122	ug/l	100
3) Chloromethane	2.394	50	304558	136.865	ug/l	100
4) Vinyl Chloride	2.553	62	335834	146.303	ug/l	100
5) Bromomethane	2.965	94	190786	148.522	ug/l	98
6) Chloroethane	3.136	64	208568	140.664	ug/l	96
7) Trichlorofluoromethane	3.518	101	427871	142.666	ug/l	100
8) Diethyl Ether	3.983	74	191555	146.593	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.388	101	269810	143.192	ug/l	100
10) Methyl Iodide	4.606	142	352020	144.118	ug/l	99
11) Tert butyl alcohol	5.553	59	430866	686.213	ug/l	100
12) 1,1-Dichloroethene	4.353	96	273388	142.118	ug/l	98
13) Acrolein	4.194	56	171625	863.526	ug/l	99
14) Allyl chloride	5.035	41	490852	153.858	ug/l	92
15) Acrylonitrile	5.735	53	1048372	714.344	ug/l	99
16) Acetone	4.447	43	819041	667.435	ug/l	100
17) Carbon Disulfide	4.730	76	742788	139.594	ug/l	100
18) Methyl Acetate	5.041	43	523996	146.527	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	998781	143.396	ug/l	99
20) Methylene Chloride	5.300	84	311597	135.628	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	290960	135.947	ug/l	97
22) Diisopropyl ether	6.688	45	947638	140.915	ug/l	98
23) Vinyl Acetate	6.618	43	3932872	692.189	ug/l	99
24) 1,1-Dichloroethane	6.582	63	540881	139.761	ug/l	99
25) 2-Butanone	7.494	43	1381940	692.809	ug/l	99
26) 2,2-Dichloropropane	7.500	77	450112	149.519	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	363398	141.974	ug/l	99
28) Bromochloromethane	7.824	49	290594	152.718	ug/l	98
29) Tetrahydrofuran	7.847	42	898159	691.211	ug/l	98
30) Chloroform	7.976	83	534038	138.179	ug/l	97
31) Cyclohexane	8.265	56	505795	134.766	ug/l	96
32) 1,1,1-Trichloroethane	8.176	97	462854	140.807	ug/l	99
36) 1,1-Dichloropropene	8.376	75	393166	144.584	ug/l	100
37) Ethyl Acetate	7.571	43	494000	142.706	ug/l	99
38) Carbon Tetrachloride	8.371	117	388595	145.557	ug/l	98
39) Methylcyclohexane	9.606	83	544437	146.136	ug/l	97
40) Benzene	8.612	78	1266139	142.388	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	276400	142.174	ug/l		98
42) 1,2-Dichloroethane	8.676	62	381516	141.455	ug/l		100
43) Isopropyl Acetate	8.694	43	780791	140.531	ug/l		99
44) Trichloroethene	9.359	130	302548	143.490	ug/l		96
45) 1,2-Dichloropropane	9.623	63	309047	142.856	ug/l		100
46) Dibromomethane	9.712	93	208461	145.074	ug/l		100
47) Bromodichloromethane	9.894	83	430011	145.449	ug/l		100
48) Methyl methacrylate	9.688	41	366967	143.502	ug/l		99
49) 1,4-Dioxane	9.712	88	138035	2967.116	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.447	43	2438311	728.995	ug/l		98
52) Toluene	10.635	92	793270	145.976	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	489809	148.163	ug/l		97
54) cis-1,3-Dichloropropene	10.318	75	518092	146.469	ug/l		99
55) 1,1,2-Trichloroethane	11.017	97	298151	142.588	ug/l		99
56) Ethyl methacrylate	10.876	69	533912	160.311	ug/l		98
57) 1,3-Dichloropropane	11.165	76	516391	142.363	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	1869543	941.147	ug/l		99
59) 2-Hexanone	11.200	43	1735777	805.662	ug/l		99
60) Dibromochloromethane	11.365	129	322064	147.832	ug/l		98
61) 1,2-Dibromoethane	11.470	107	314606	146.790	ug/l		99
64) Tetrachloroethene	11.106	164	245122	139.048	ug/l		97
65) Chlorobenzene	11.894	112	860345	140.041	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	282739	143.171	ug/l		99
67) Ethyl Benzene	11.964	91	1517883	143.438	ug/l		98
68) m/p-Xylenes	12.070	106	1175378	290.155	ug/l		99
69) o-Xylene	12.400	106	566301	145.966	ug/l		100
70) Styrene	12.411	104	972318	146.459	ug/l		100
71) Bromoform	12.582	173	223200	152.538	ug/l	#	99
73) Isopropylbenzene	12.694	105	1453651	146.042	ug/l		100
74) N-amyl acetate	12.500	43	543747	164.596	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.941	83	474426	140.693	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	644184	197.732	ug/l		71
77) Bromobenzene	12.982	156	335734	147.077	ug/l		98
78) n-propylbenzene	13.035	91	1769694	146.301	ug/l		99
79) 2-Chlorotoluene	13.123	91	1046916	144.317	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	1210325	147.279	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	216253	153.277	ug/l		95
82) 4-Chlorotoluene	13.223	91	1063581	144.900	ug/l		100
83) tert-Butylbenzene	13.435	119	1093406	145.352	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	1216529	147.626	ug/l		100
85) sec-Butylbenzene	13.617	105	1582762	144.885	ug/l		99
86) p-Isopropyltoluene	13.729	119	1322780	146.482	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	641966	142.939	ug/l		100
88) 1,4-Dichlorobenzene	13.811	146	646188	141.124	ug/l		99
89) n-Butylbenzene	14.053	91	1251819	143.117	ug/l		100
90) Hexachloroethane	14.335	117	230195	150.387	ug/l		98
91) 1,2-Dichlorobenzene	14.105	146	613177	142.108	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	110677	137.242	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	407621	147.940	ug/l		99
94) Hexachlorobutadiene	15.500	225	151172	147.264	ug/l		98
95) Naphthalene	15.641	128	1545981	150.743	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	404450	147.743	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

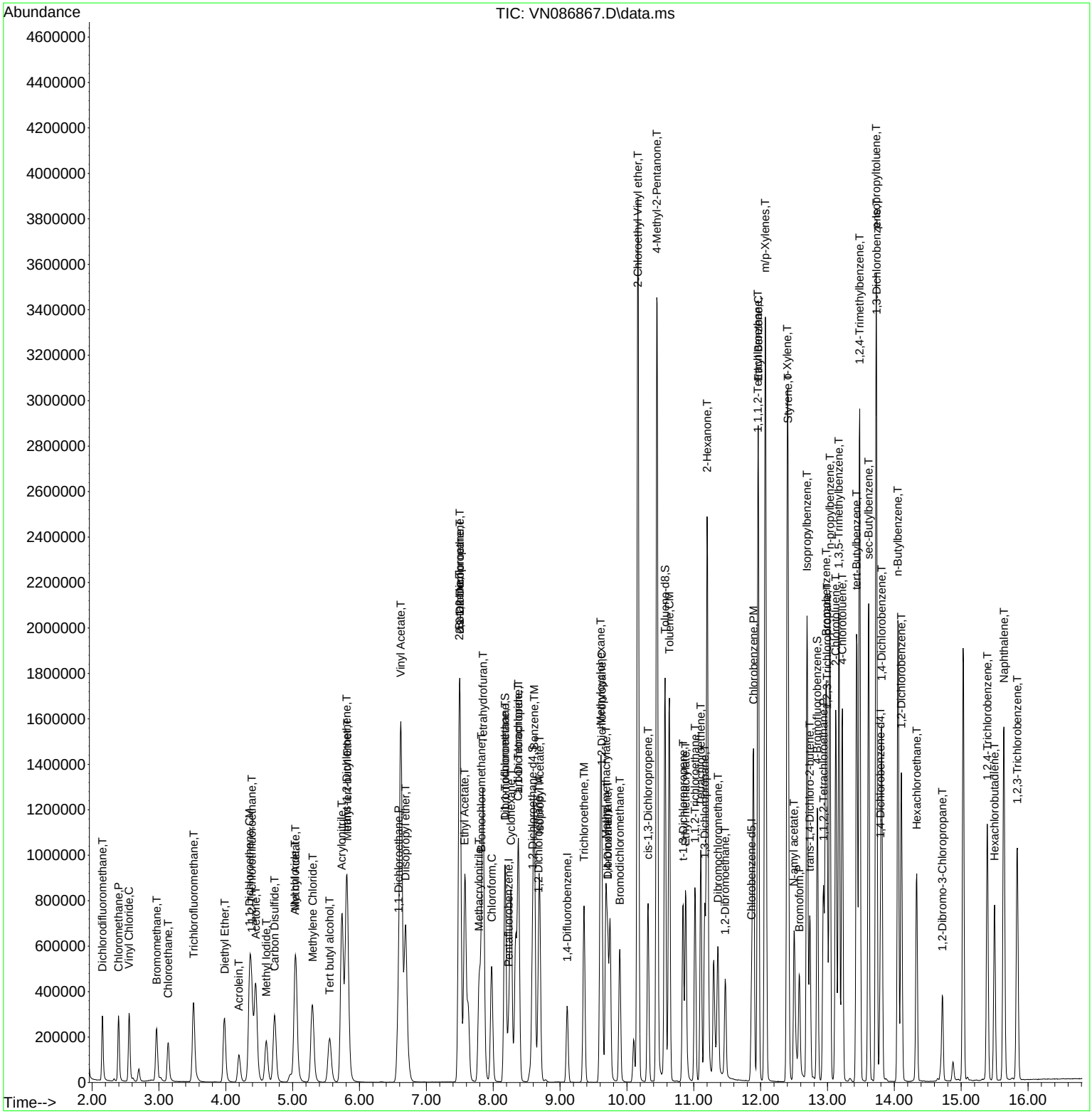
(#) = qualifier out of range (m) = manual integration (+) = signals summed

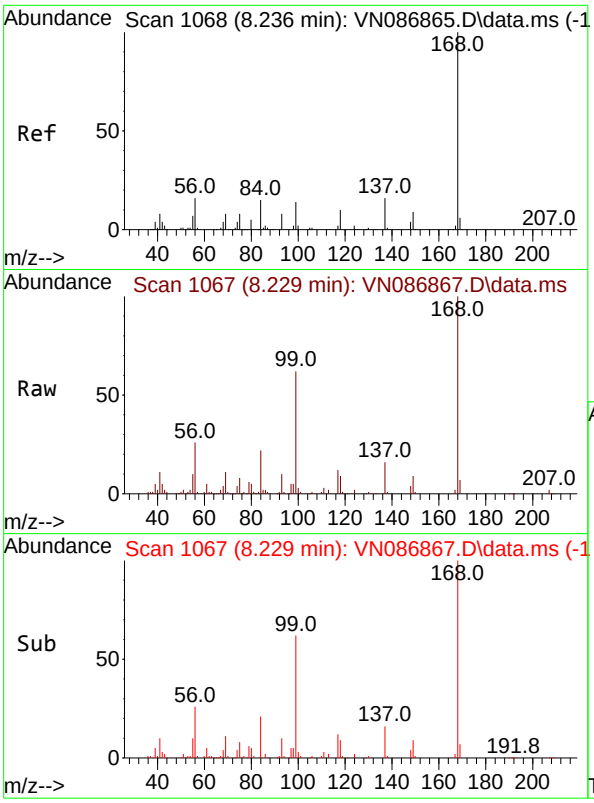
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086867.D
Acq On : 06 Jun 2025 14:49
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Jun 07 01:59:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 01:51:02 2025
Response via : Initial Calibration



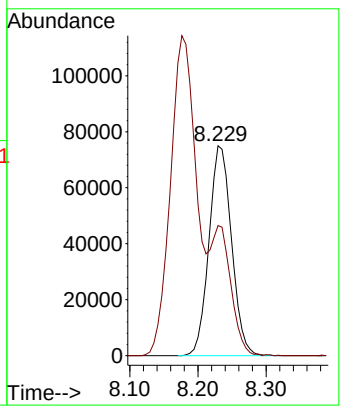


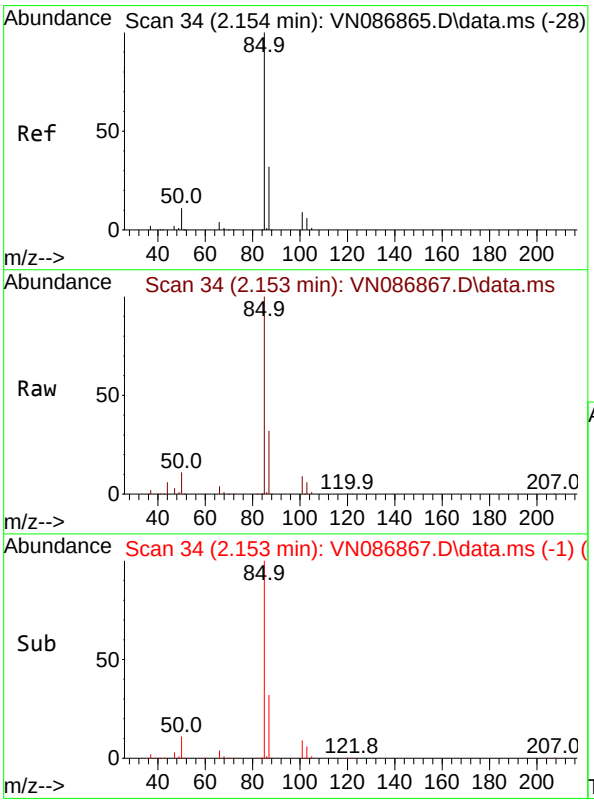
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 172832

Ion	Ratio	Lower	Upper
168	100		
99	61.8	49.1	73.7

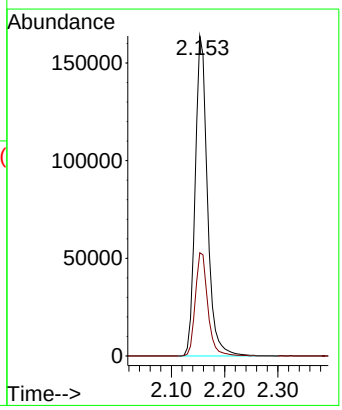


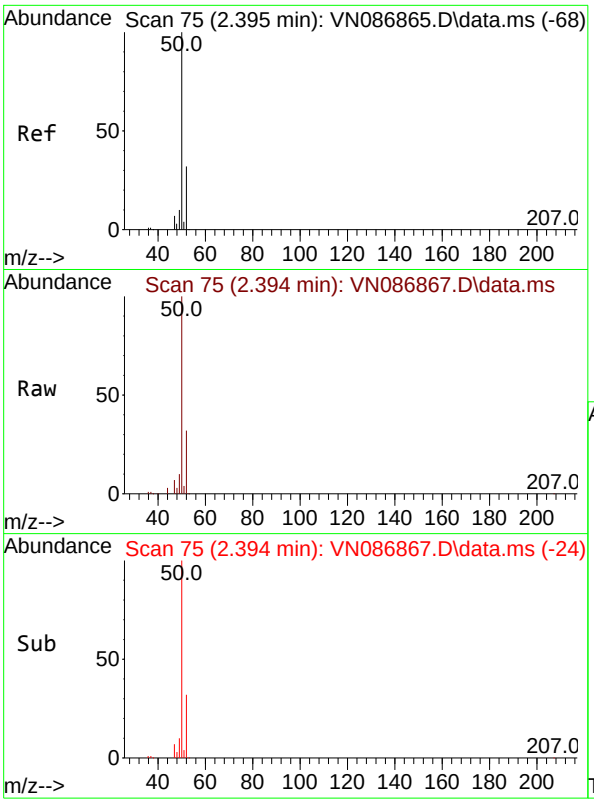


#2
Dichlorodifluoromethane
Concen: 152.122 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 85 Resp: 262143

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.2	48.6



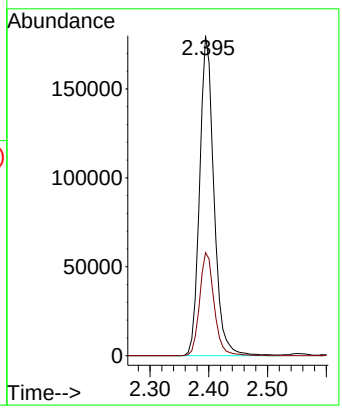


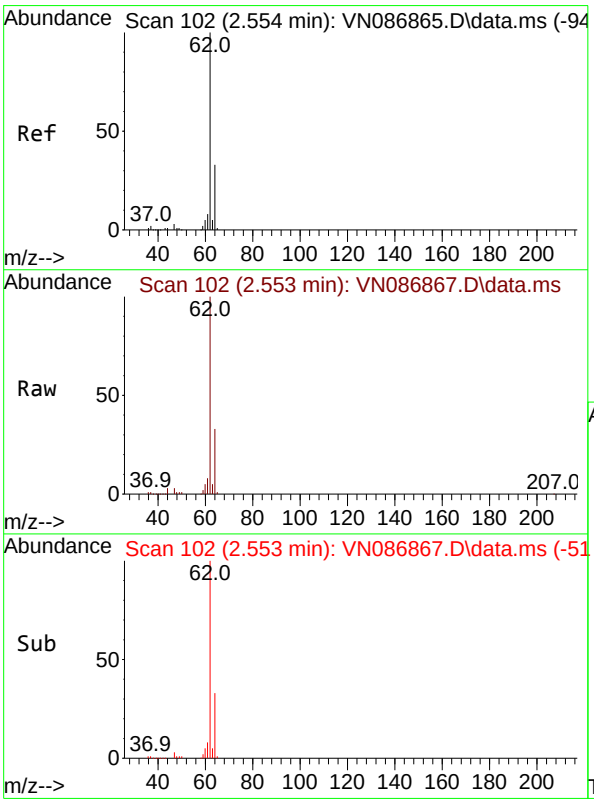
#3
Chloromethane
Concen: 136.865 ug/l
RT: 2.394 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 304558

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.7	38.5

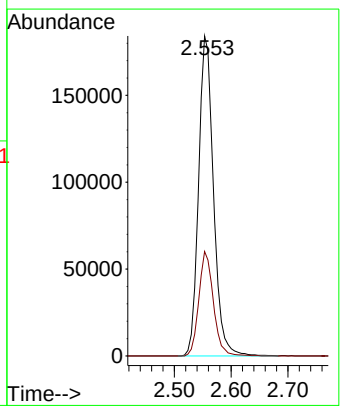


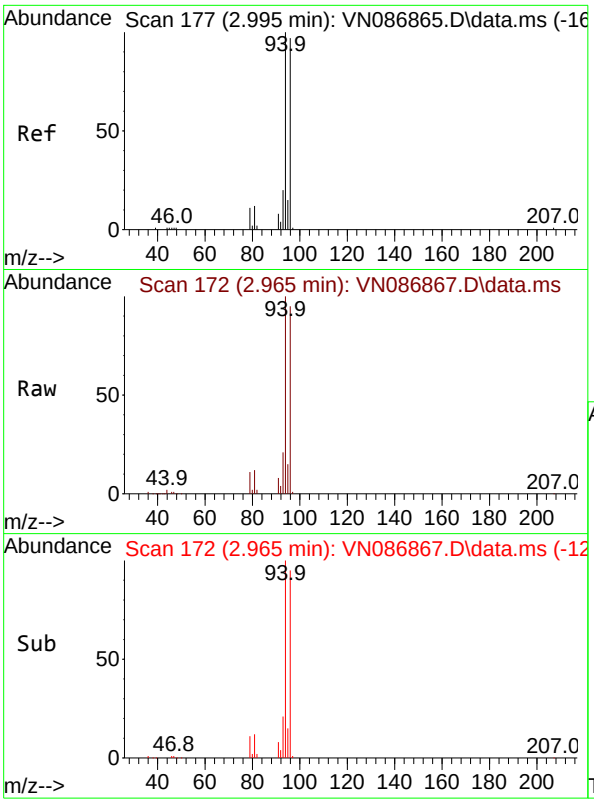


#4
Vinyl Chloride
Concen: 146.303 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 62 Resp: 335834

Ion	Ratio	Lower	Upper
62	100		
64	32.6	26.0	39.0



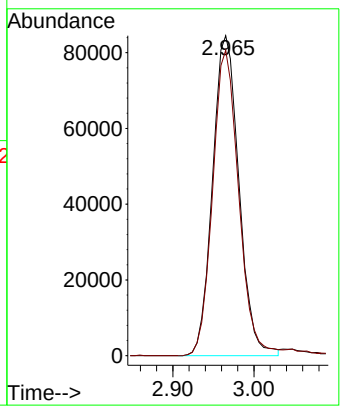


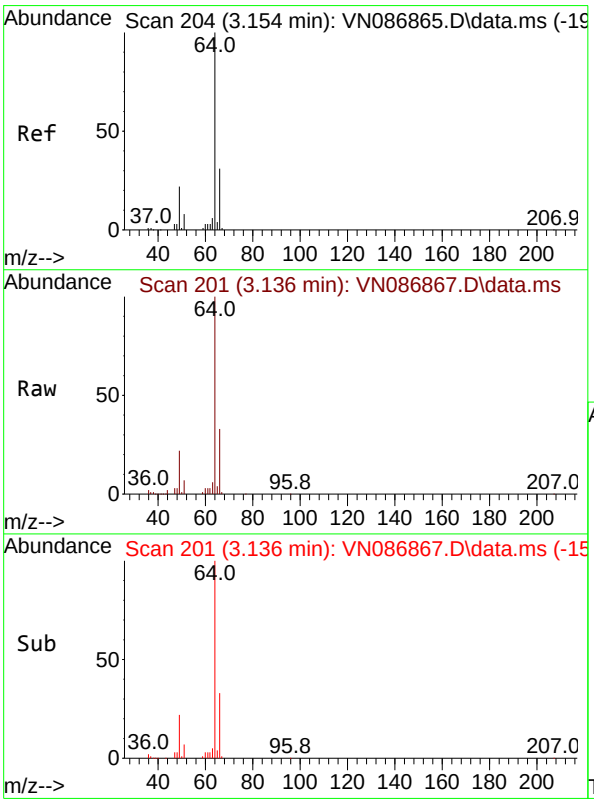
#5
Bromomethane
Concen: 148.522 ug/l
RT: 2.965 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 190786

Ion	Ratio	Lower	Upper
94	100		
96	95.5	77.9	116.9

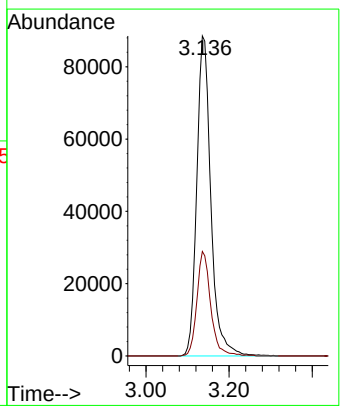


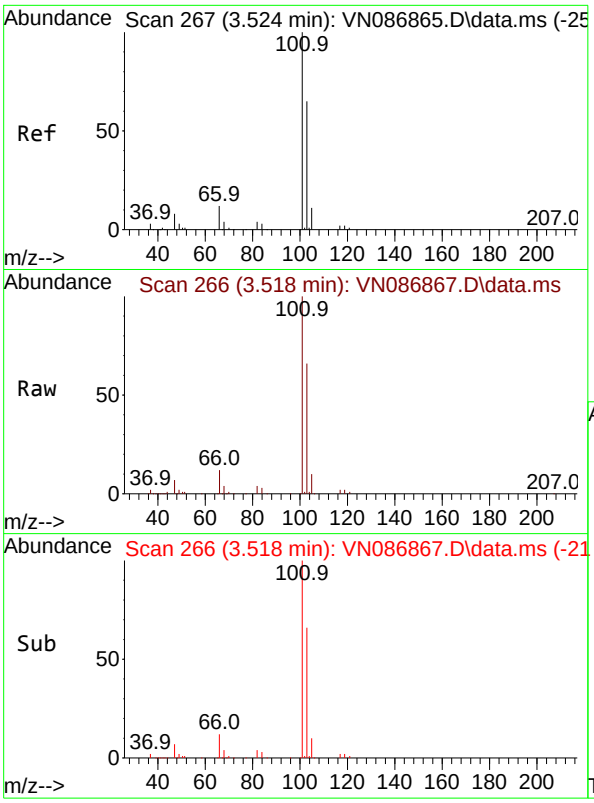


#6
Chloroethane
Concen: 140.664 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.018 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 64 Resp: 208568

Ion	Ratio	Lower	Upper
64	100		
66	32.7	24.6	36.8



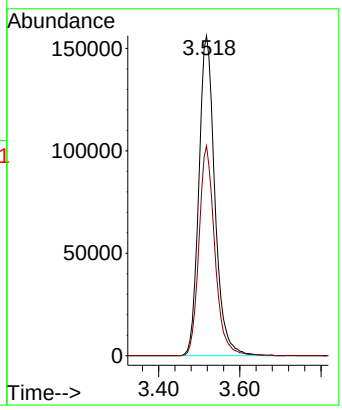


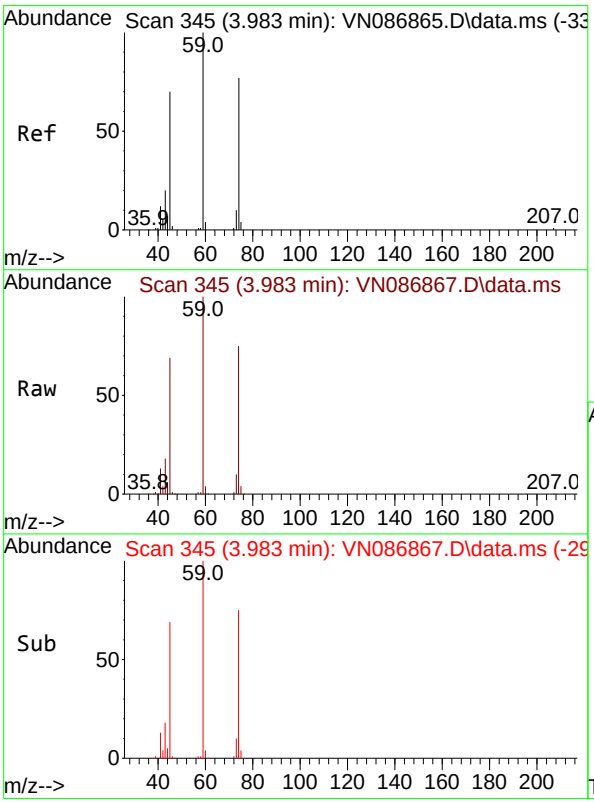
#7
Trichlorofluoromethane
Concen: 142.666 ug/l
RT: 3.518 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 427871

Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.2

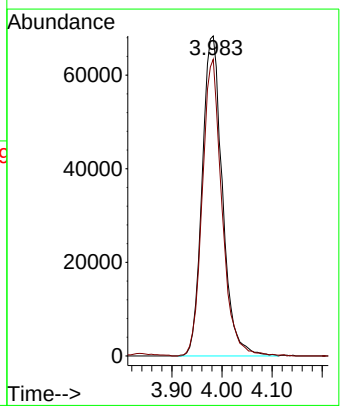


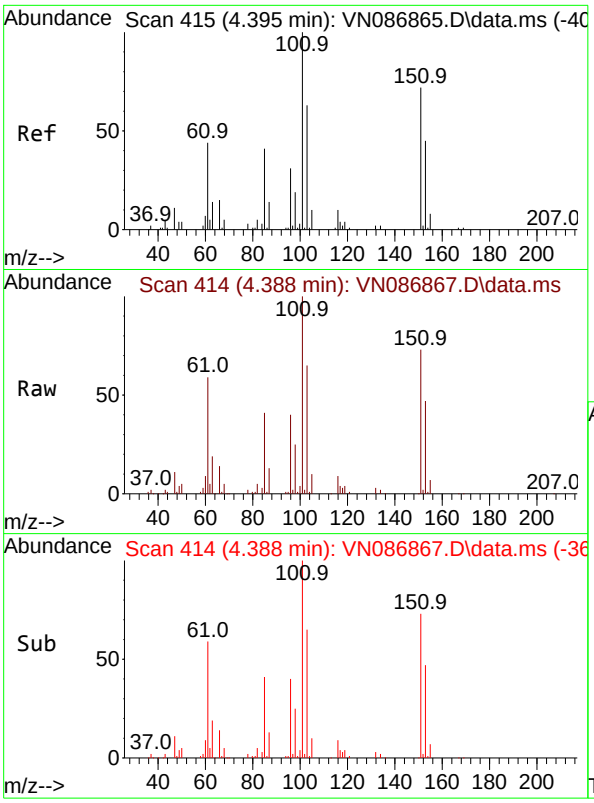


#8
Diethyl Ether
Concen: 146.593 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 74 Resp: 191555

Ion	Ratio	Lower	Upper
74	100		
45	90.3	45.5	136.5



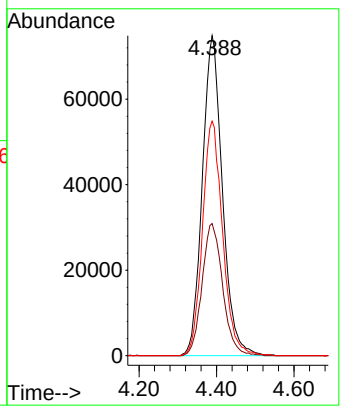


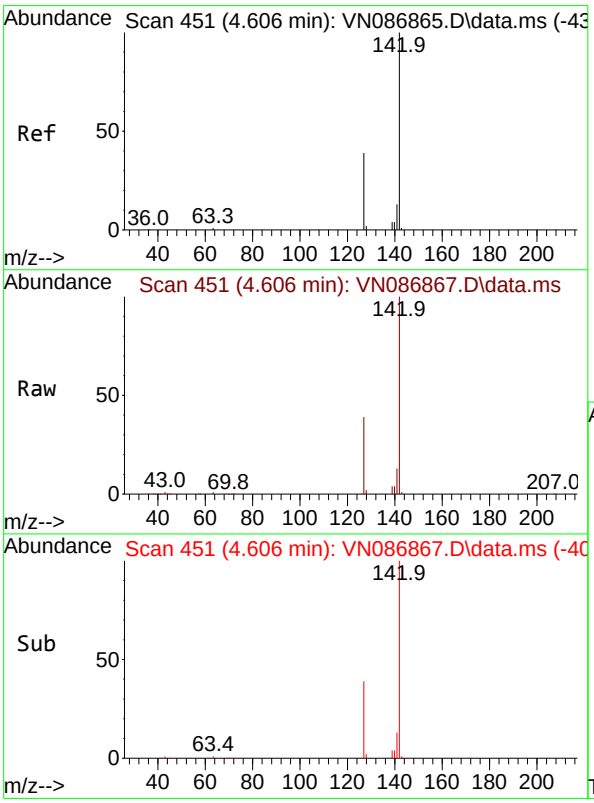
#9
1,1,2-Trichlorotrifluoroethane
Concen: 143.192 ug/l
RT: 4.388 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 269810

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.8	50.8
151	73.5	58.7	88.1

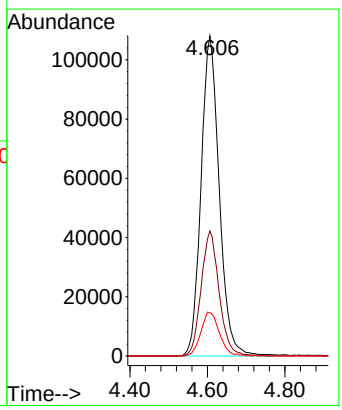


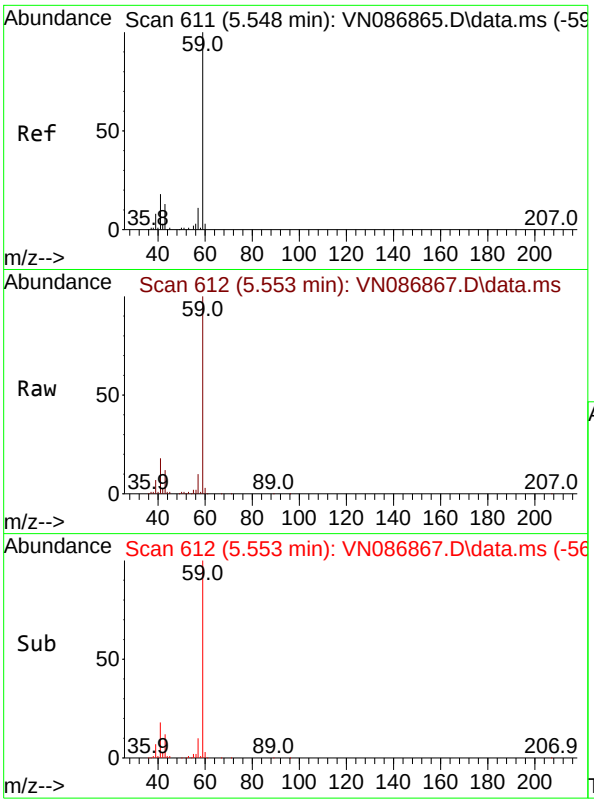


#10
Methyl Iodide
Concen: 144.118 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:142 Resp: 352020

Ion	Ratio	Lower	Upper
142	100		
127	39.1	30.9	46.3
141	13.5	10.4	15.6



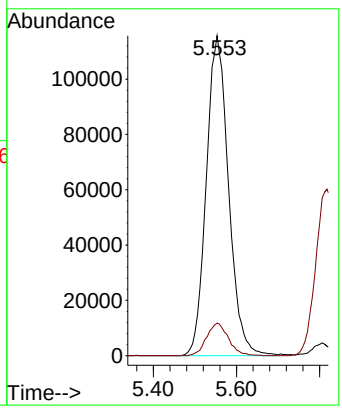


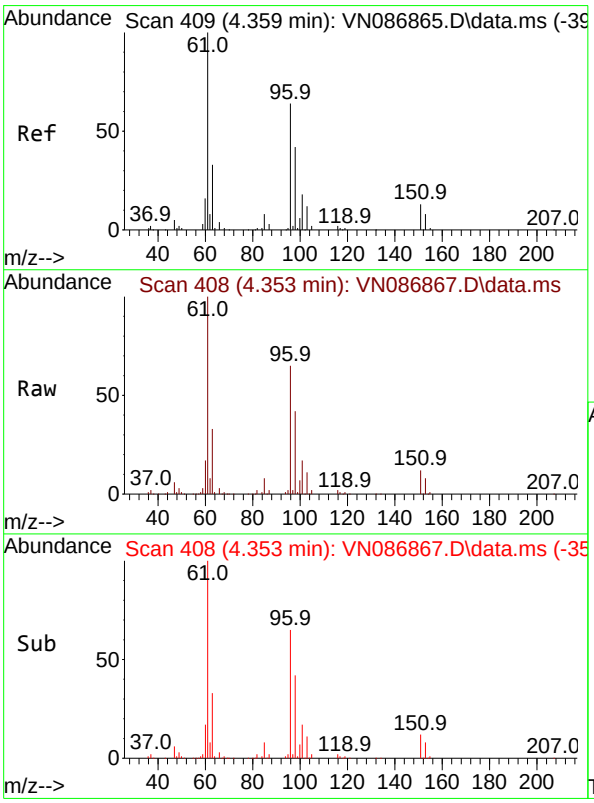
#11
Tert butyl alcohol
Concen: 686.213 ug/l
RT: 5.553 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 430866

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

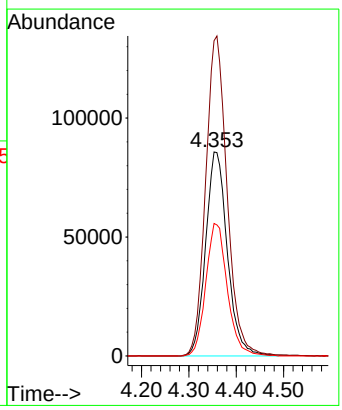


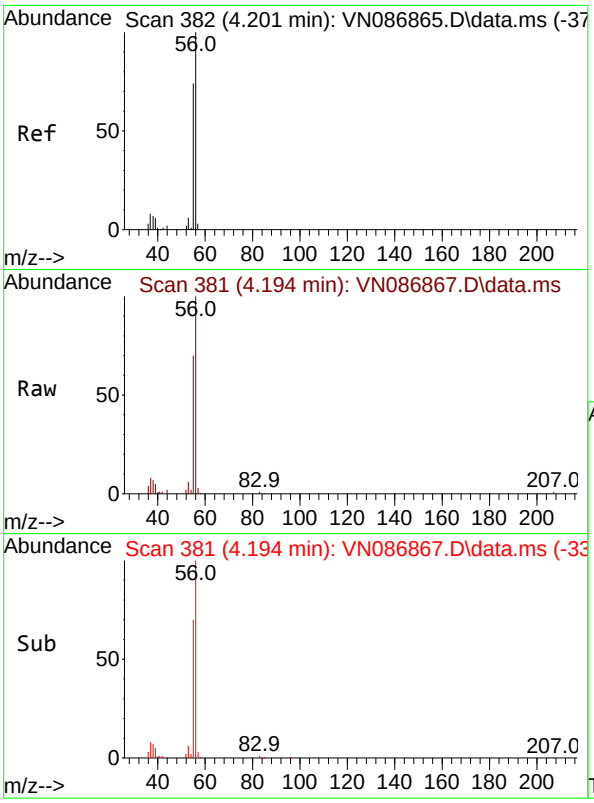


#12
1,1-Dichloroethene
Concen: 142.118 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 96 Resp: 273388

Ion	Ratio	Lower	Upper
96	100		
61	154.5	125.8	188.6
98	64.9	52.5	78.7



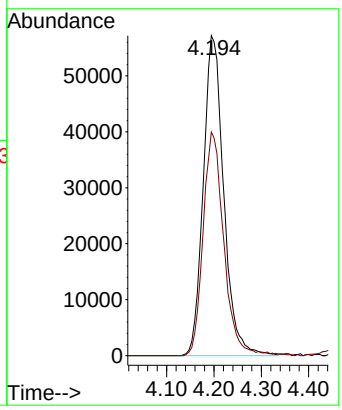


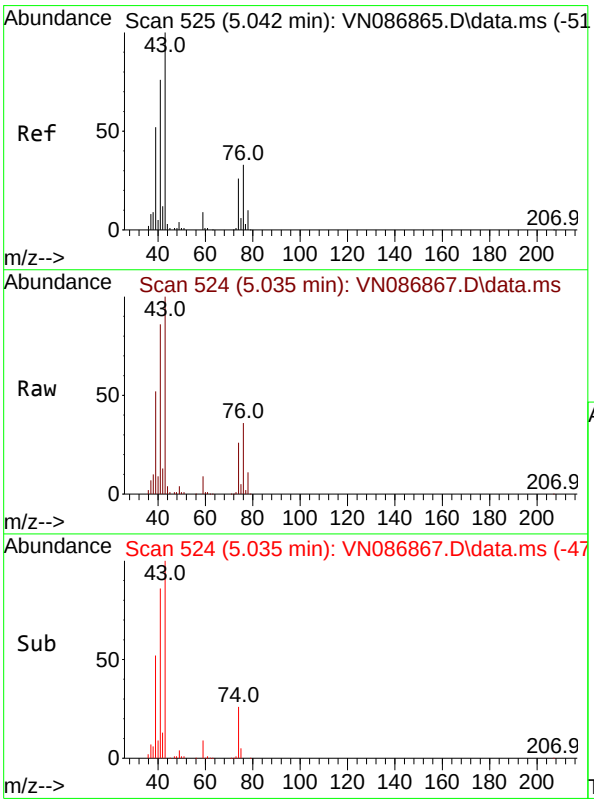
#13
Acrolein
Concen: 863.526 ug/l
RT: 4.194 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 171625

Ion	Ratio	Lower	Upper
56	100		
55	70.4	55.6	83.4

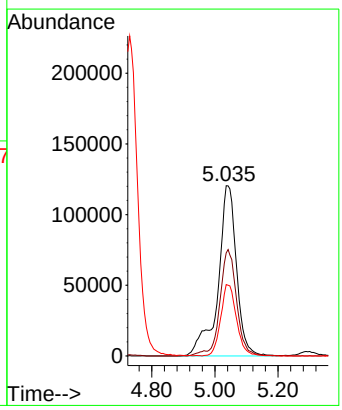


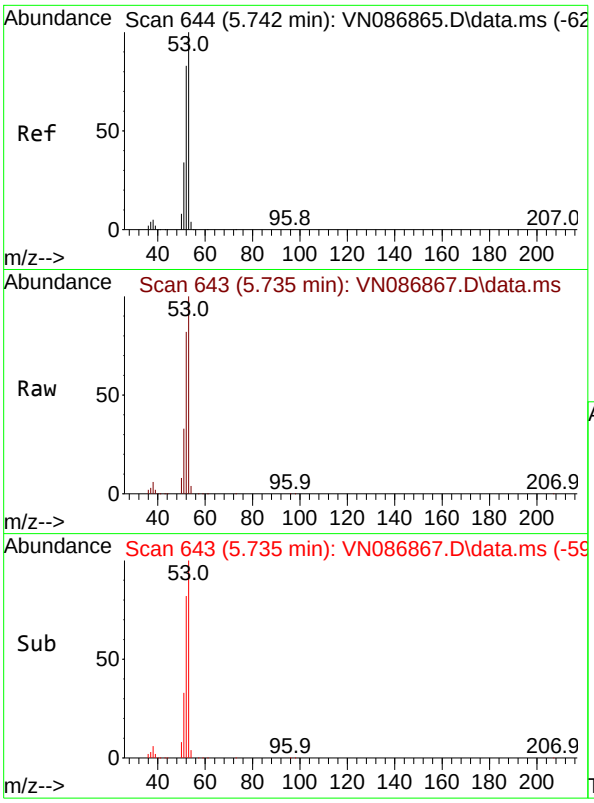


#14
Allyl chloride
Concen: 153.858 ug/l
RT: 5.035 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 41 Resp: 490852

Ion	Ratio	Lower	Upper
41	100		
39	56.4	51.3	76.9
76	35.7	31.4	47.0



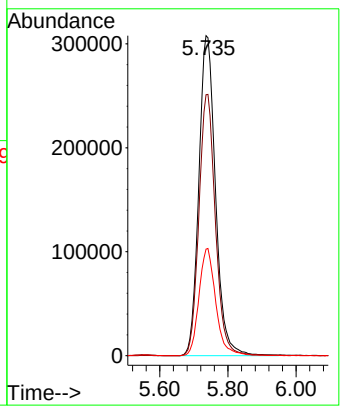


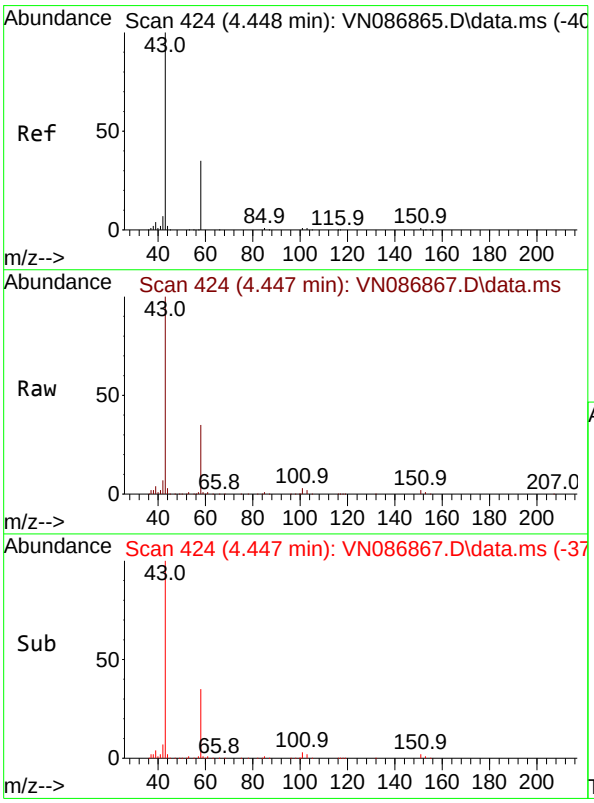
#15
Acrylonitrile
Concen: 714.344 ug/l
RT: 5.735 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 1048372

Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.0	97.6
51	33.8	27.2	40.8

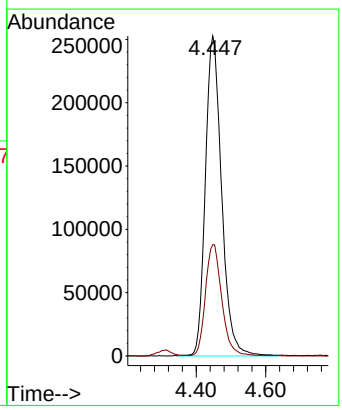


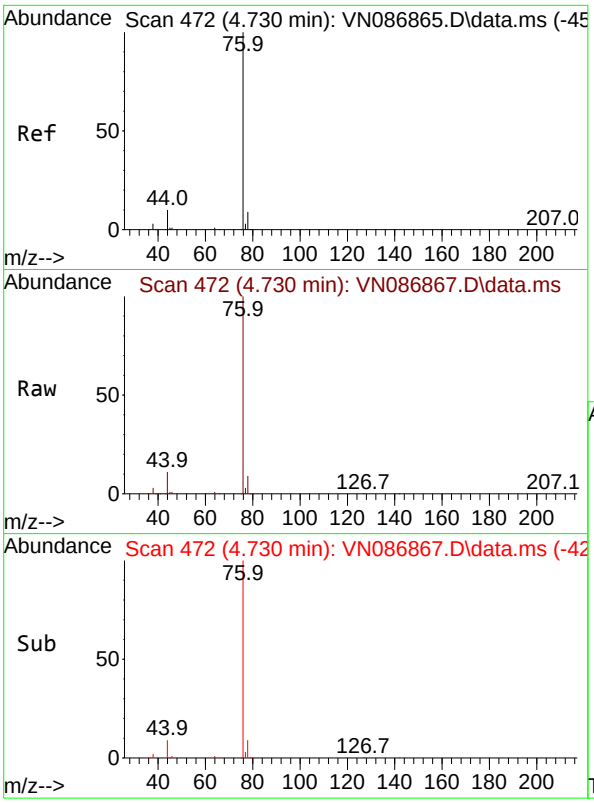


#16
Acetone
Concen: 667.435 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 819041

Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.0	42.0



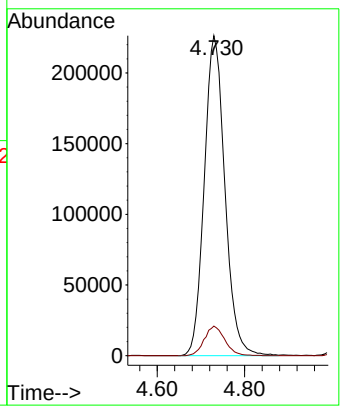


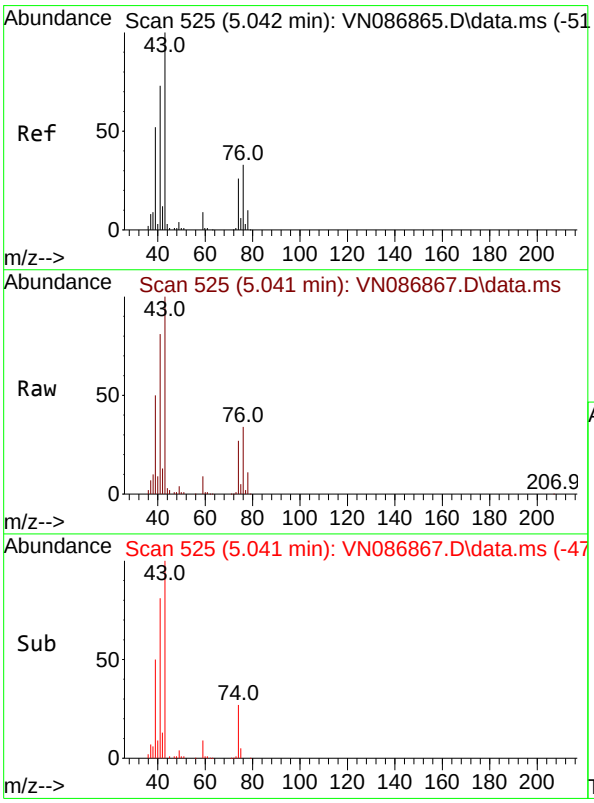
#17
Carbon Disulfide
Concen: 139.594 ug/l
RT: 4.730 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 742788

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

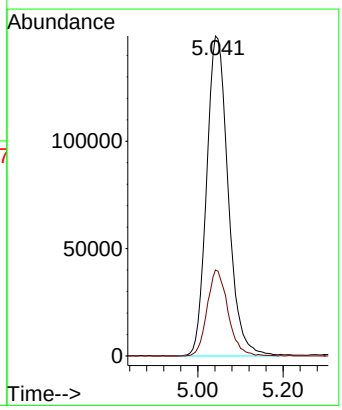


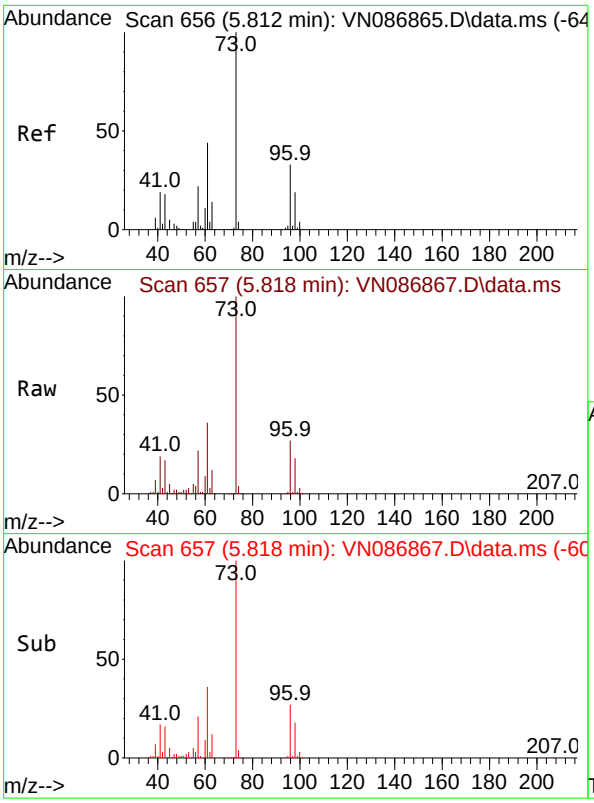


#18
Methyl Acetate
Concen: 146.527 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 523996

Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.7	31.1



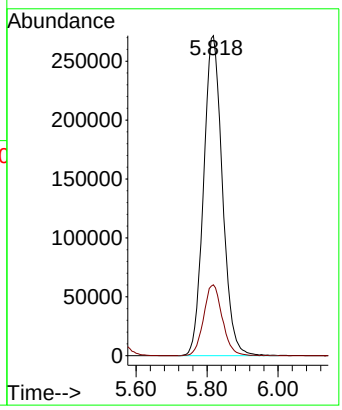


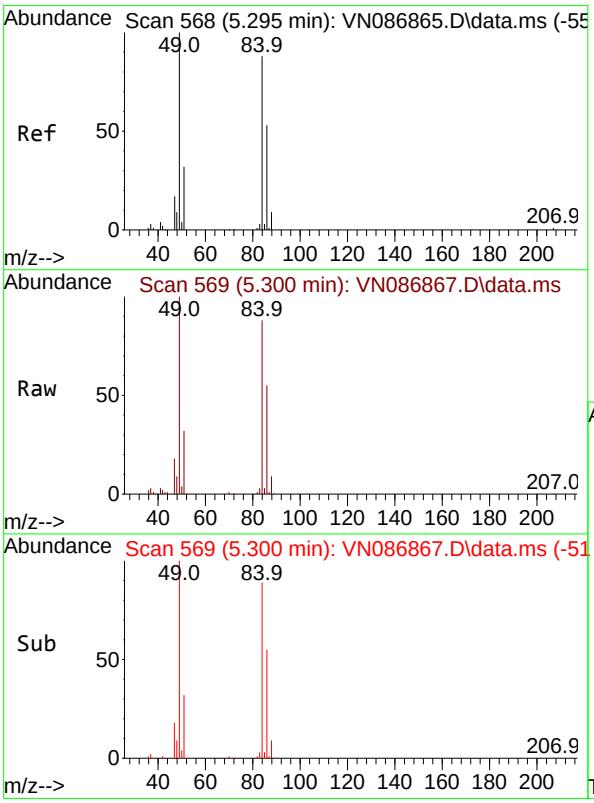
#19
Methyl tert-butyl Ether
Concen: 143.396 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 998781

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.4	26.2

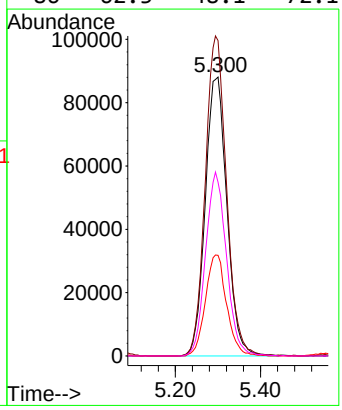


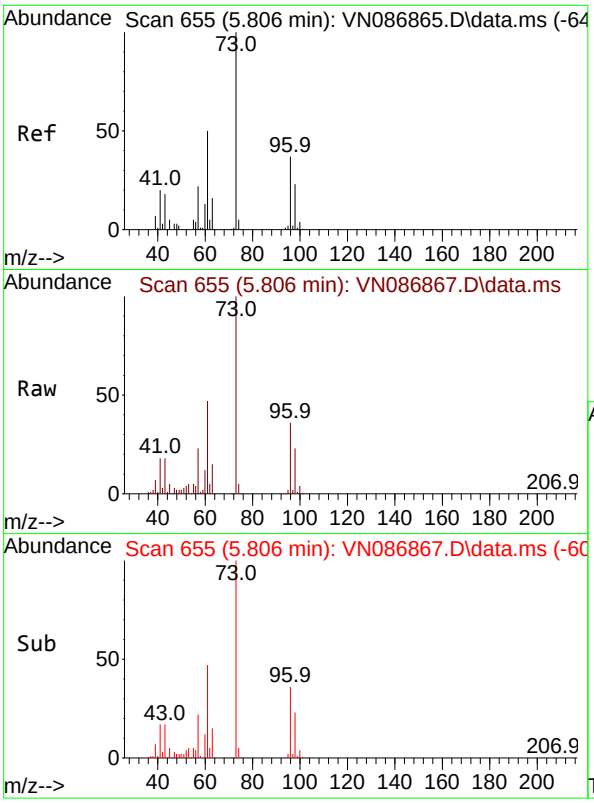


#20
Methylene Chloride
Concen: 135.628 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 84 Resp: 311597

Ion	Ratio	Lower	Upper
84	100		
49	113.0	90.5	135.7
51	36.1	28.5	42.7
86	62.3	48.1	72.1



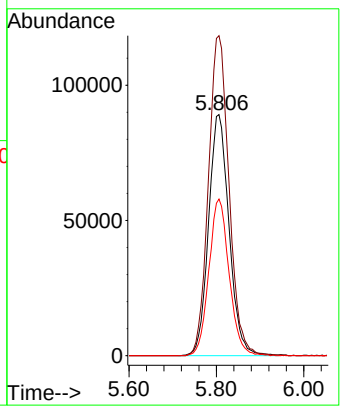


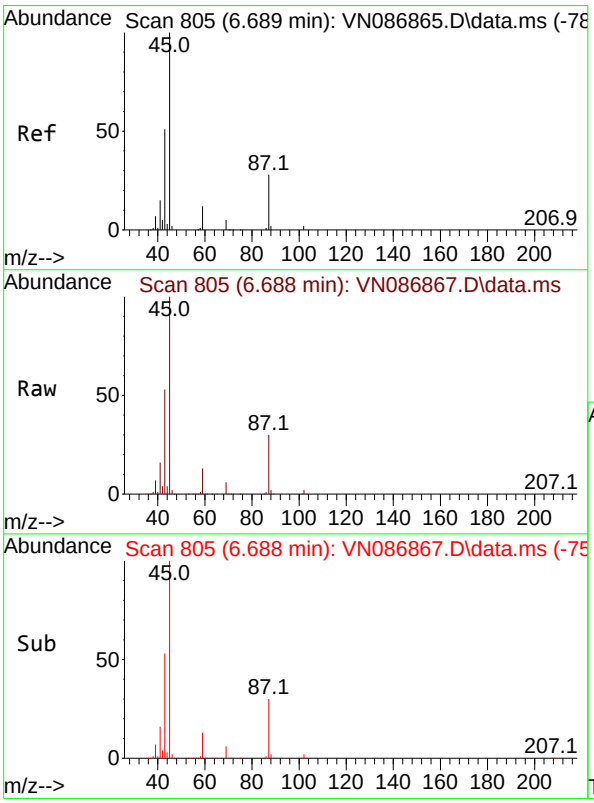
#21
trans-1,2-Dichloroethene
Concen: 135.947 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 290960

Ion	Ratio	Lower	Upper
96	100		
61	132.7	109.2	163.8
98	65.0	49.8	74.8

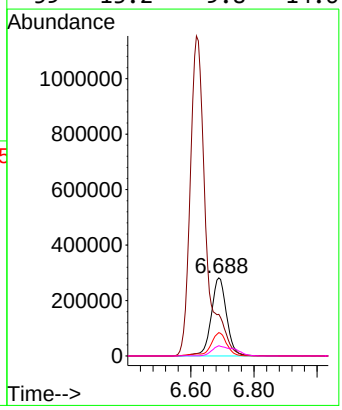


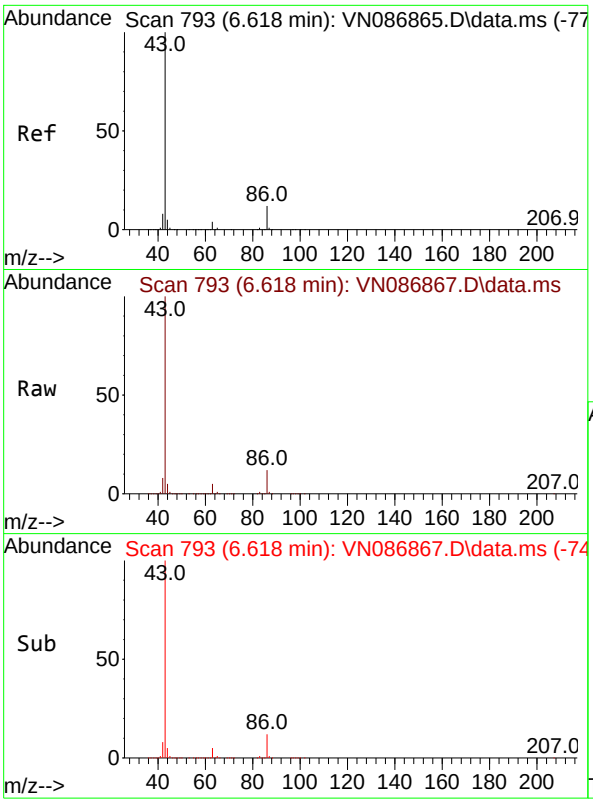


#22
Diisopropyl ether
Concen: 140.915 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 45 Resp: 947638

Ion	Ratio	Lower	Upper
45	100		
43	53.1	41.9	62.9
87	29.9	22.4	33.6
59	13.2	9.8	14.6



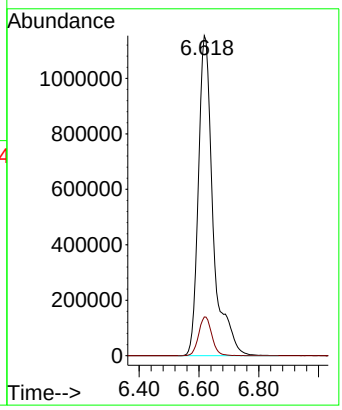


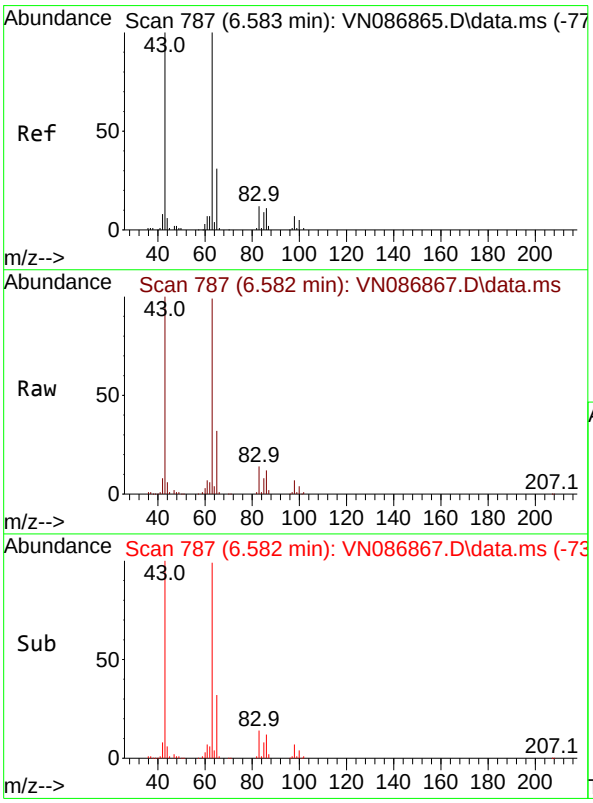
#23
Vinyl Acetate
Concen: 692.189 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 3932872

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.5	14.3

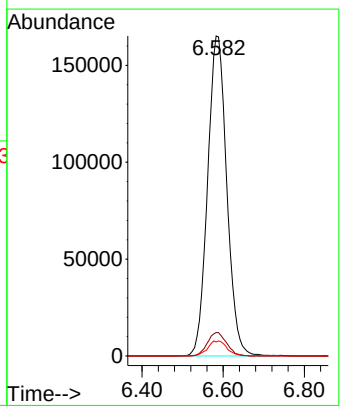


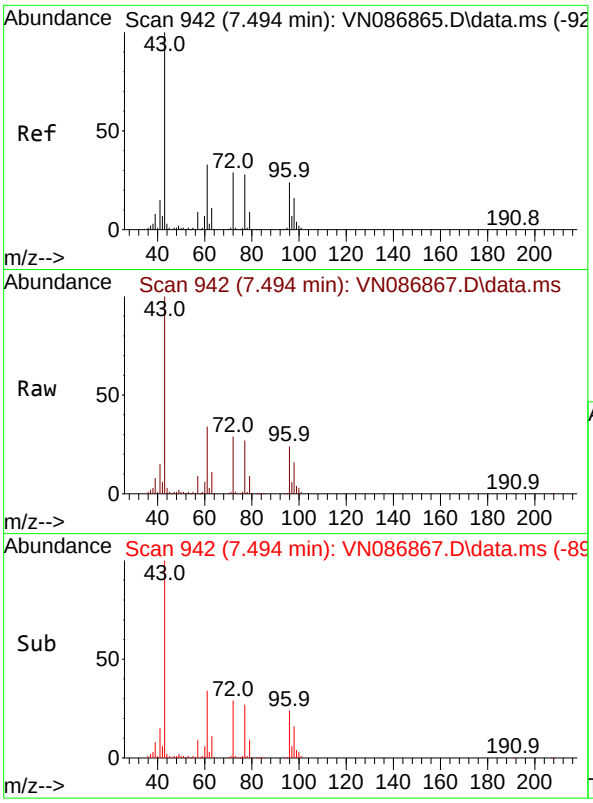


#24
1,1-Dichloroethane
Concen: 139.761 ug/l
RT: 6.582 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 63 Resp: 540881

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	4.4	2.6	7.8



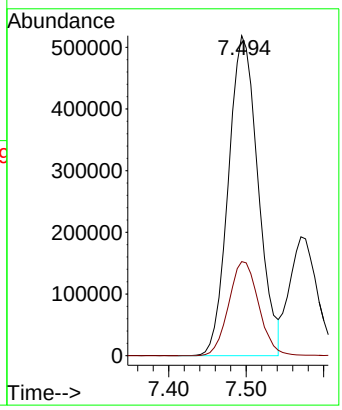


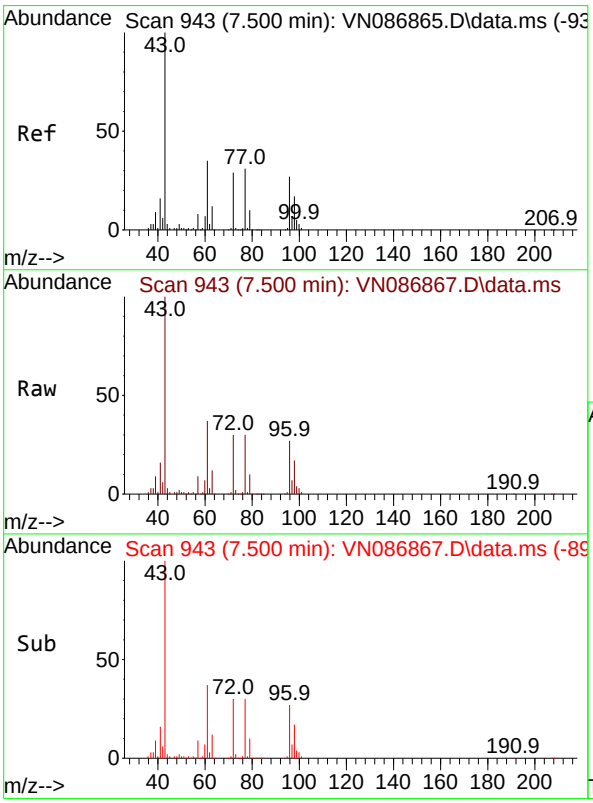
#25
2-Butanone
Concen: 692.809 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1381940

Ion	Ratio	Lower	Upper
43	100		
72	29.4	23.0	34.6

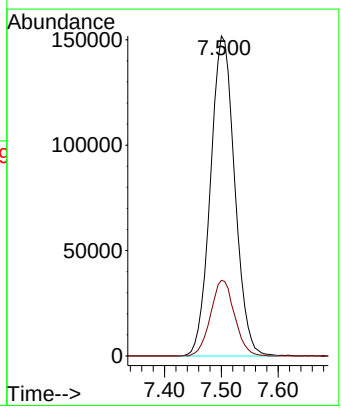


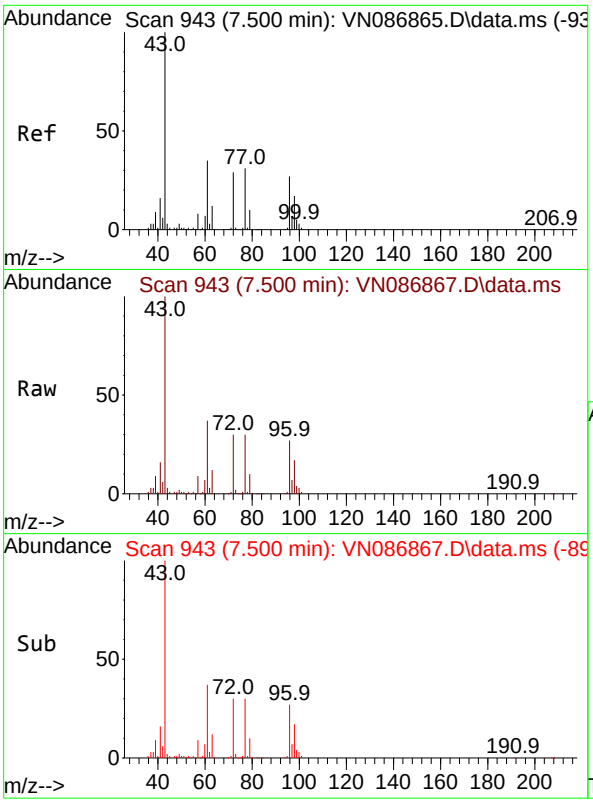


#26
2,2-Dichloropropane
Concen: 149.519 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 77 Resp: 450112

Ion	Ratio	Lower	Upper
77	100		
97	23.4	11.6	34.7



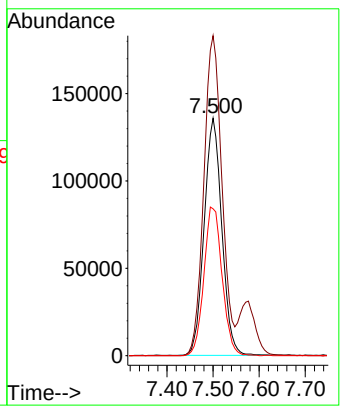


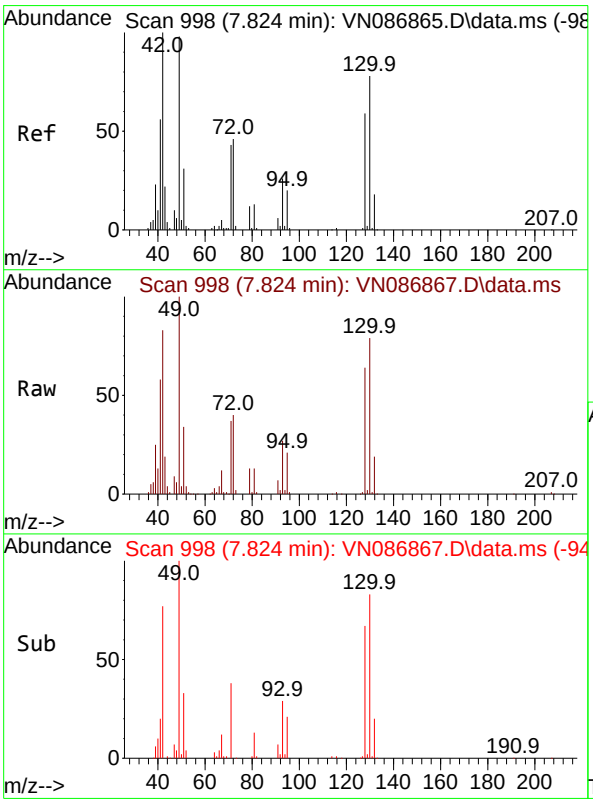
#27
cis-1,2-Dichloroethene
Concen: 141.974 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 363398

Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	278.0
98	64.5	0.0	128.2

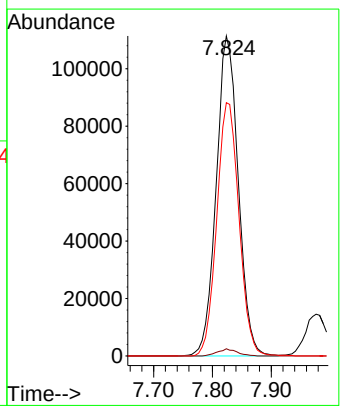


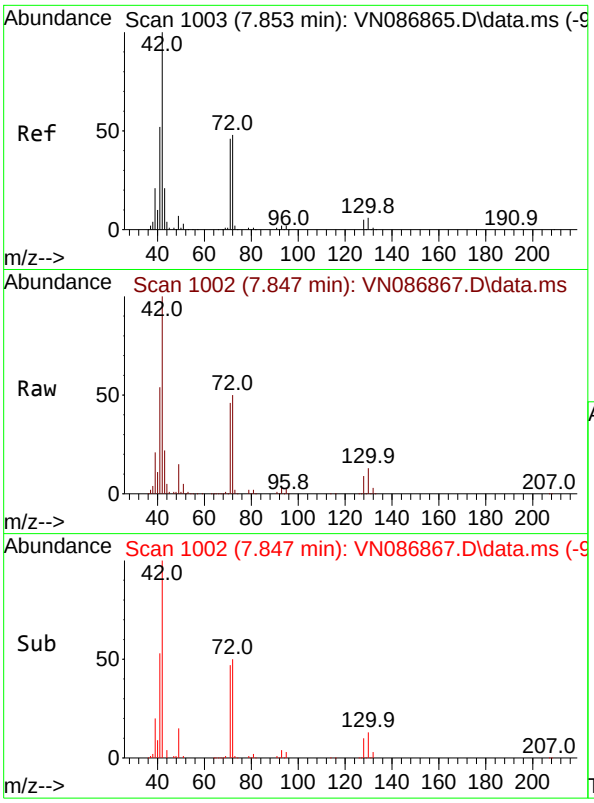


#28
Bromochloromethane
Concen: 152.718 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 49 Resp: 290594

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	79.8	62.2	93.2



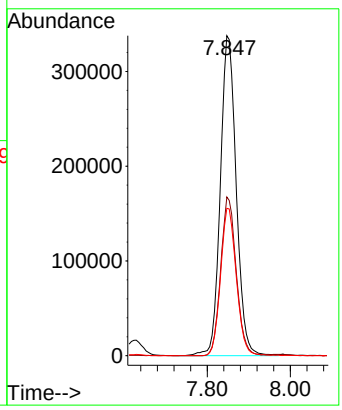


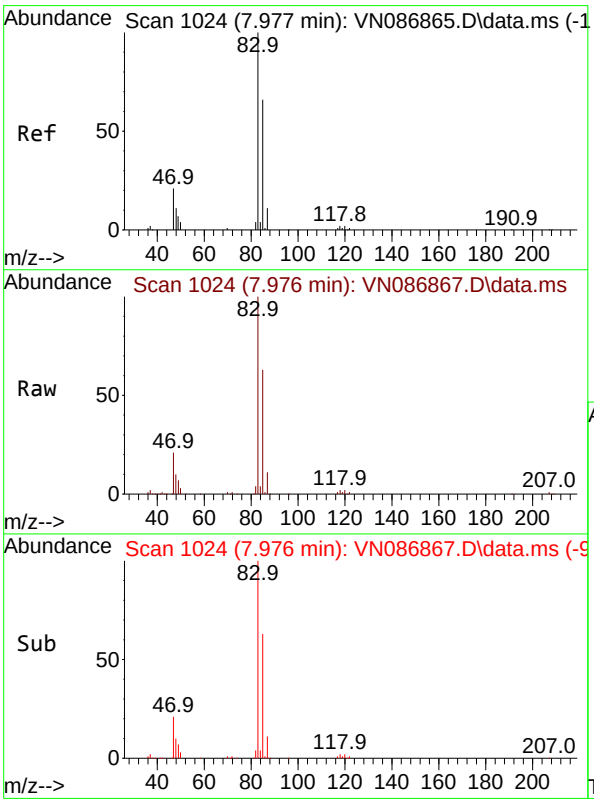
#29
Tetrahydrofuran
Concen: 691.211 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 898159

Ion	Ratio	Lower	Upper
42	100		
72	48.5	37.8	56.6
71	45.4	35.6	53.4

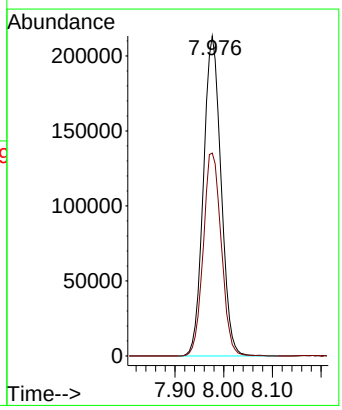


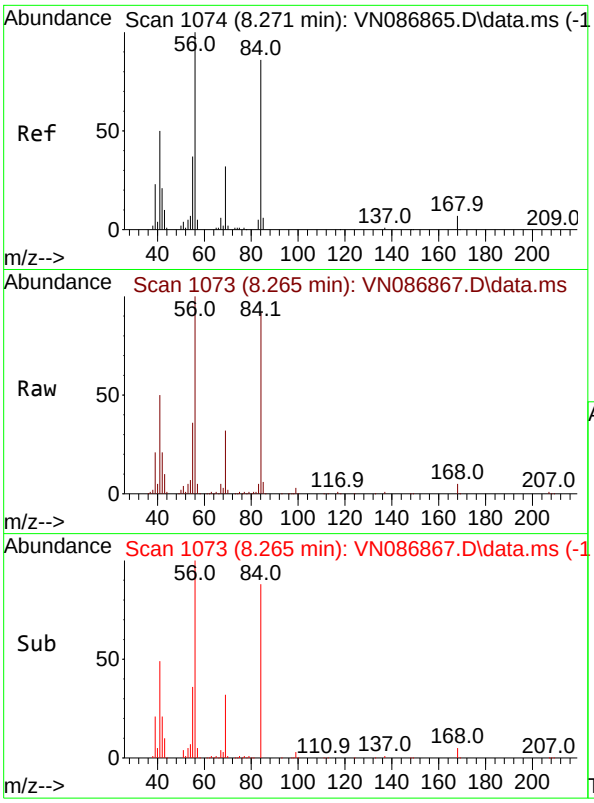


#30
Chloroform
Concen: 138.179 ug/l
RT: 7.976 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 83 Resp: 534038

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.9	79.3



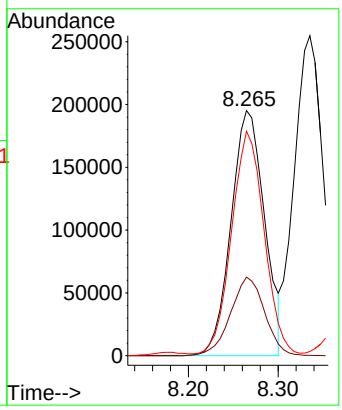


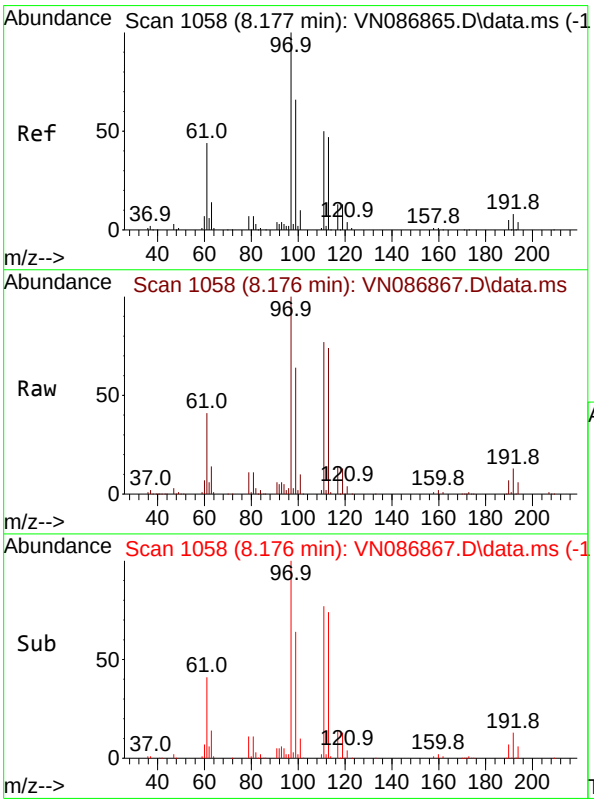
#31
Cyclohexane
Concen: 134.766 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 505795

Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.4	38.0
84	90.6	68.8	103.2

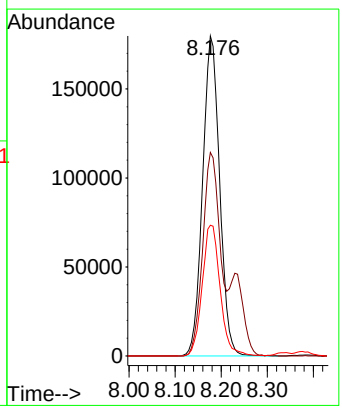


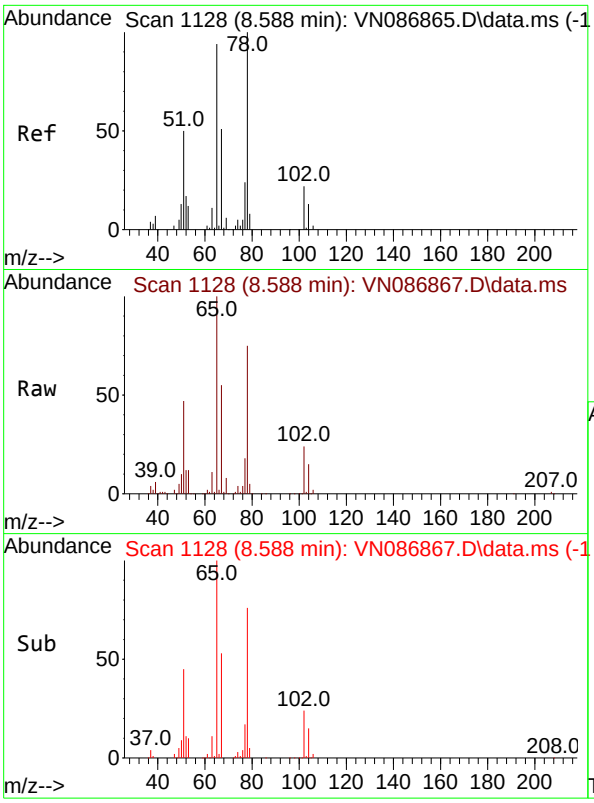


#32
1,1,1-Trichloroethane
Concen: 140.807 ug/l
RT: 8.176 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 97 Resp: 462854

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	43.2	35.9	53.9



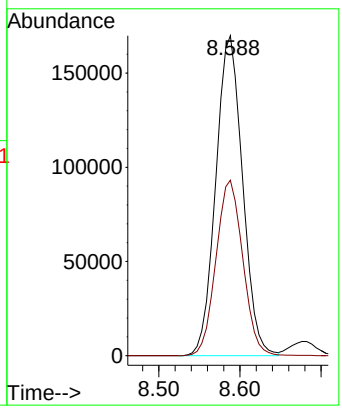


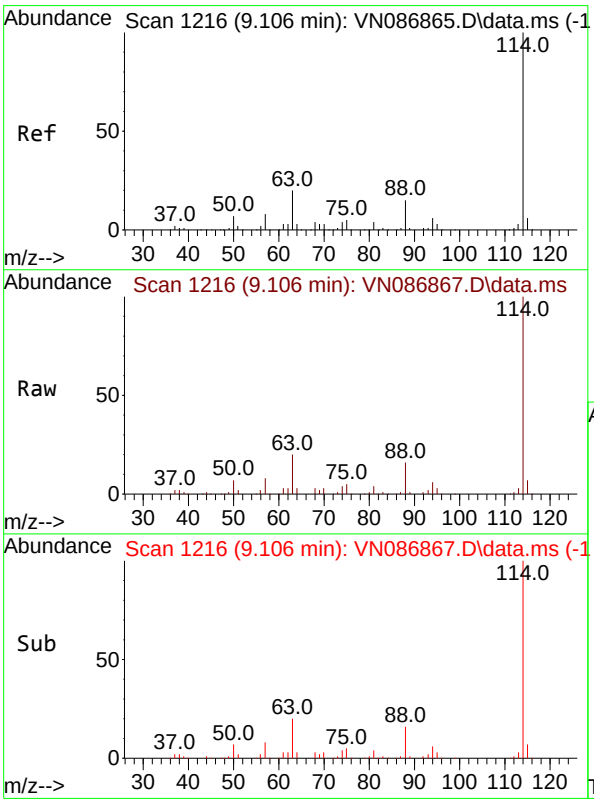
#33
1,2-Dichloroethane-d4
Concen: 168.233 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 389297

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	105.6

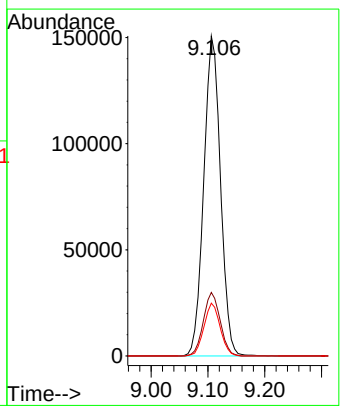


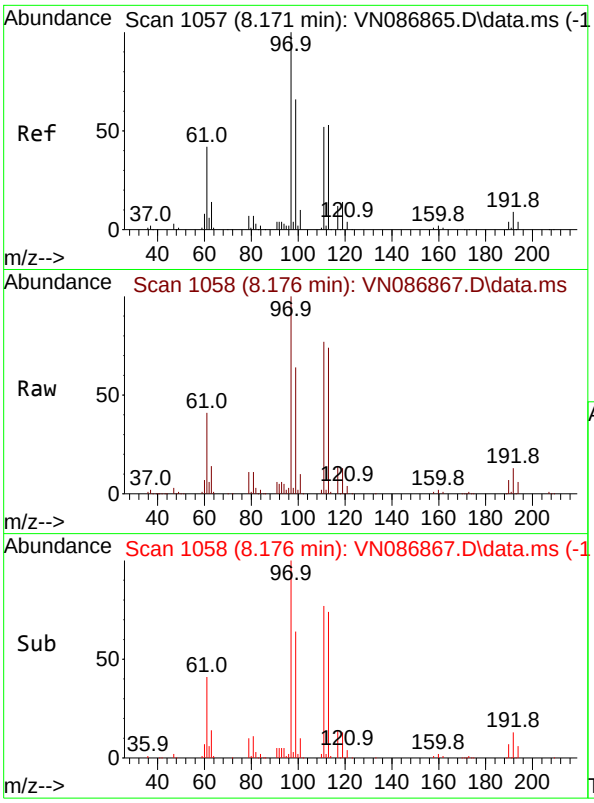


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:114 Resp: 307937

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	16.5	0.0	30.2



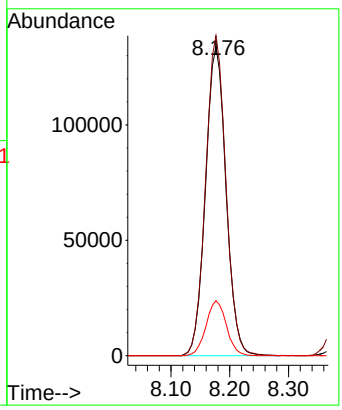


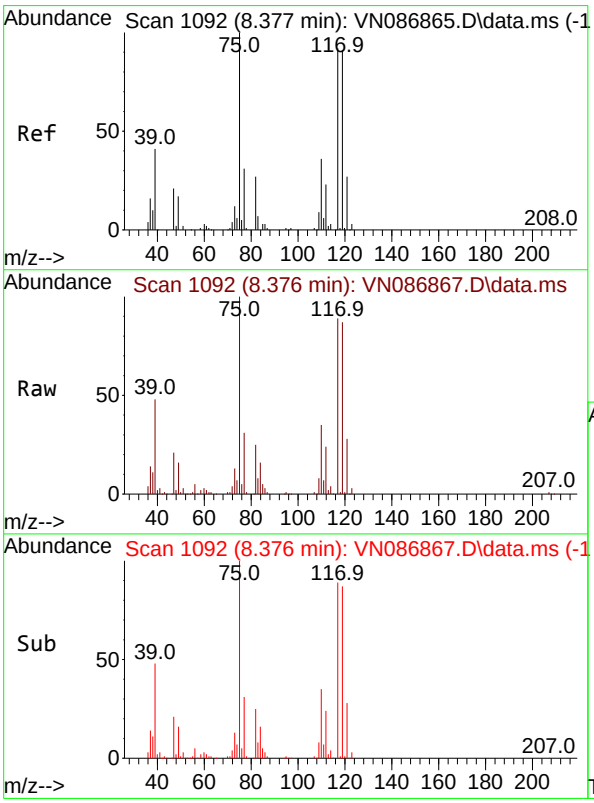
#35
Dibromofluoromethane
Concen: 177.803 ug/l
RT: 8.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 324474

Ion	Ratio	Lower	Upper
113	100		
111	102.5	84.2	126.2
192	17.7	14.2	21.4

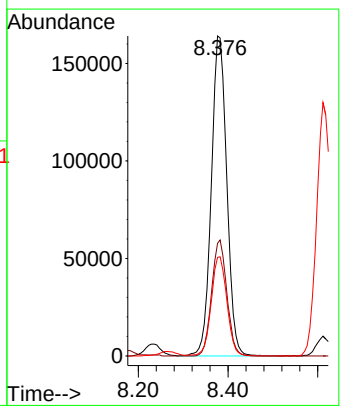


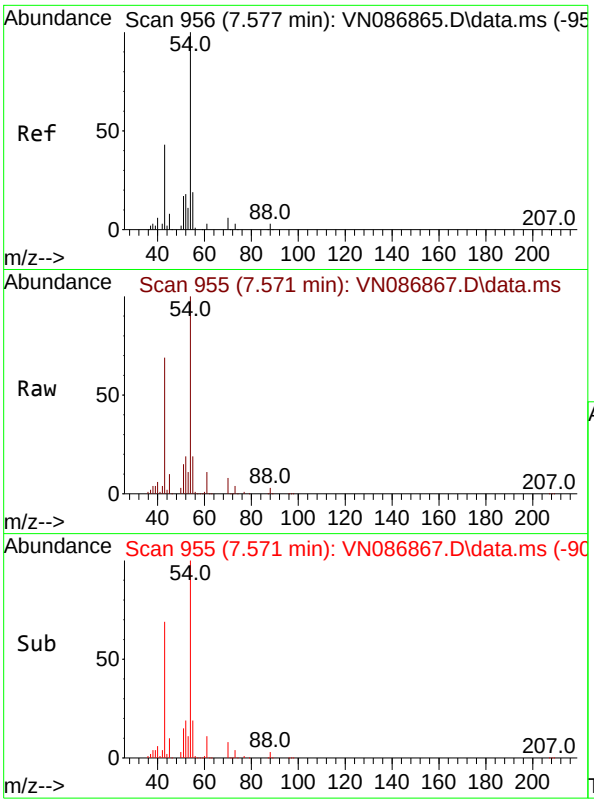


#36
1,1-Dichloropropene
Concen: 144.584 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 393166

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.6	52.9
77	31.4	25.3	37.9



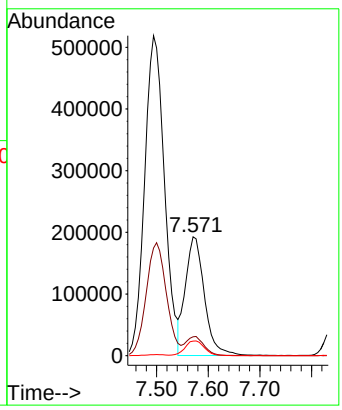


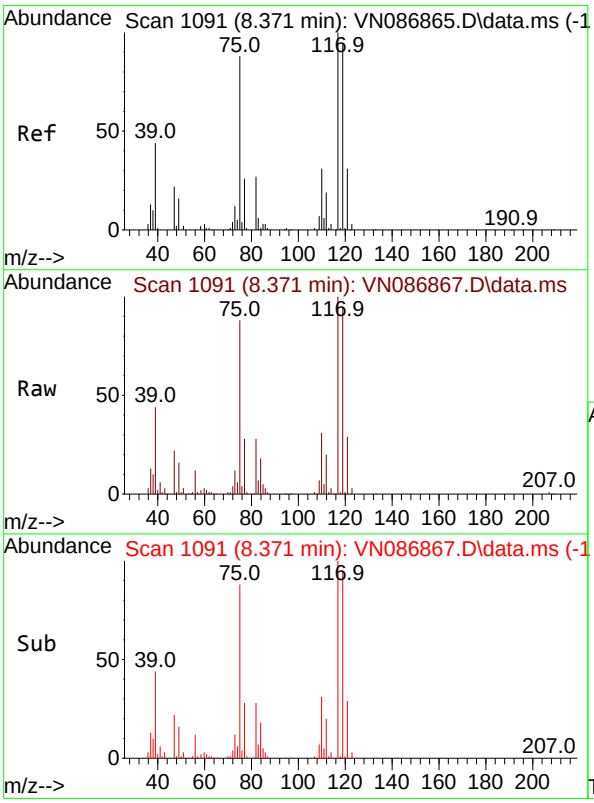
#37
Ethyl Acetate
Concen: 142.706 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 494000

Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.1	18.1
70	12.7	9.8	14.6

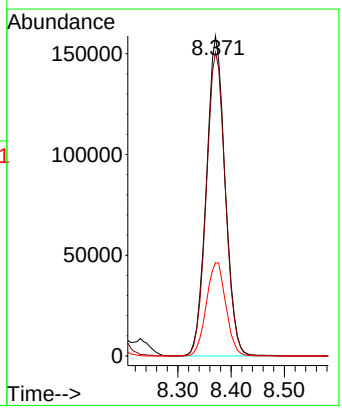


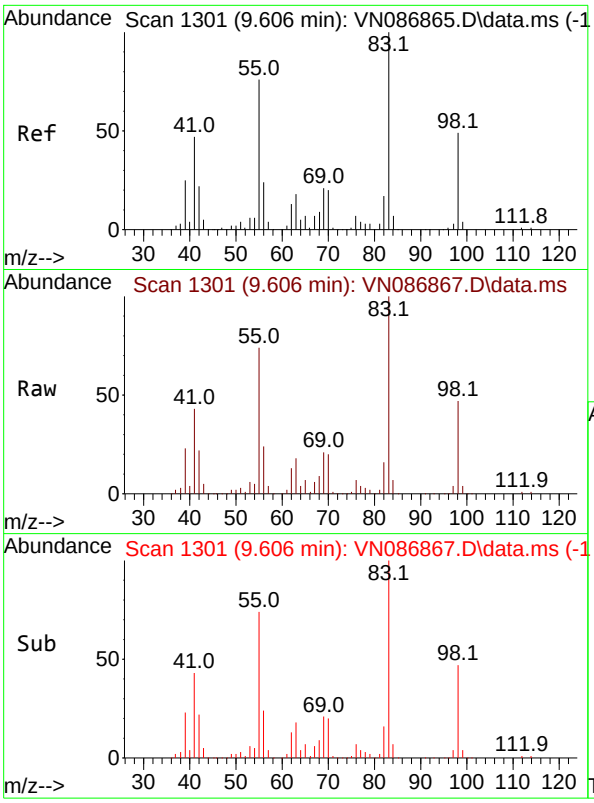


#38
Carbon Tetrachloride
Concen: 145.557 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:117 Resp: 388595

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.0	112.6
121	29.1	24.9	37.3



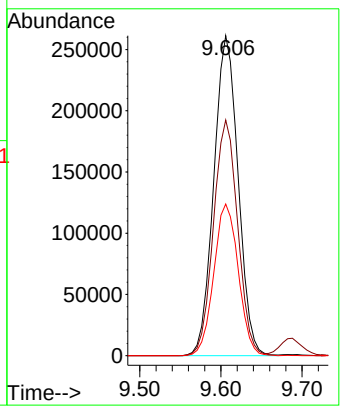


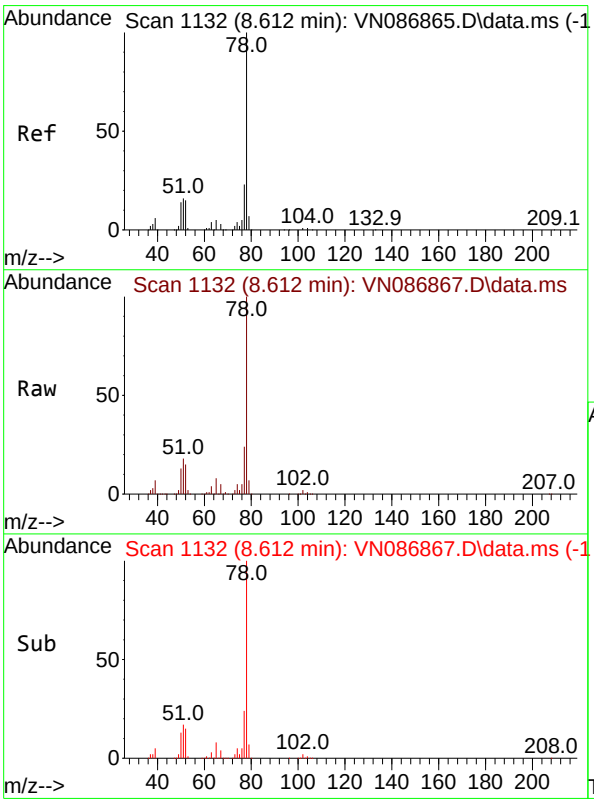
#39
Methylcyclohexane
Concen: 146.136 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 544437

Ion	Ratio	Lower	Upper
83	100		
55	73.6	61.0	91.6
98	47.4	38.9	58.3

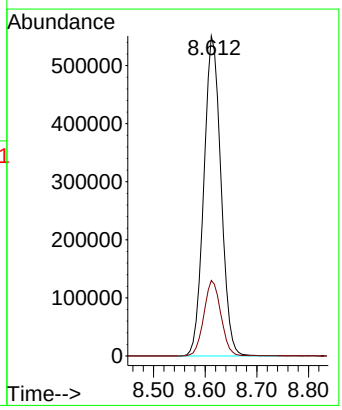


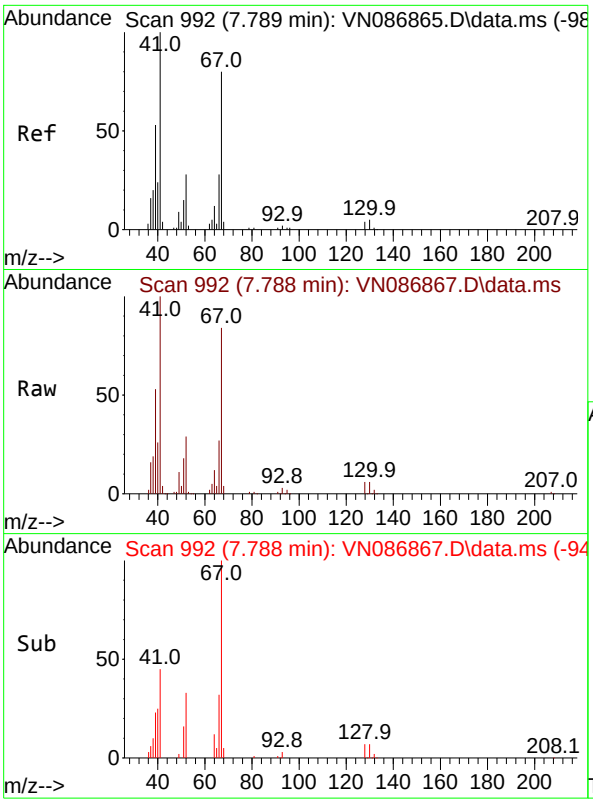


#40
Benzene
Concen: 142.388 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 78 Resp: 1266139

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1



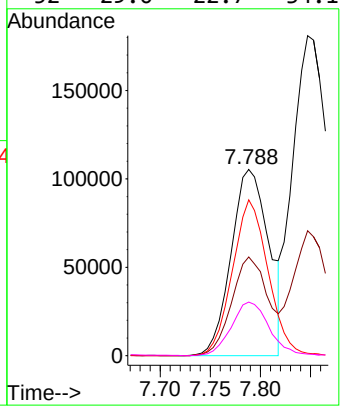


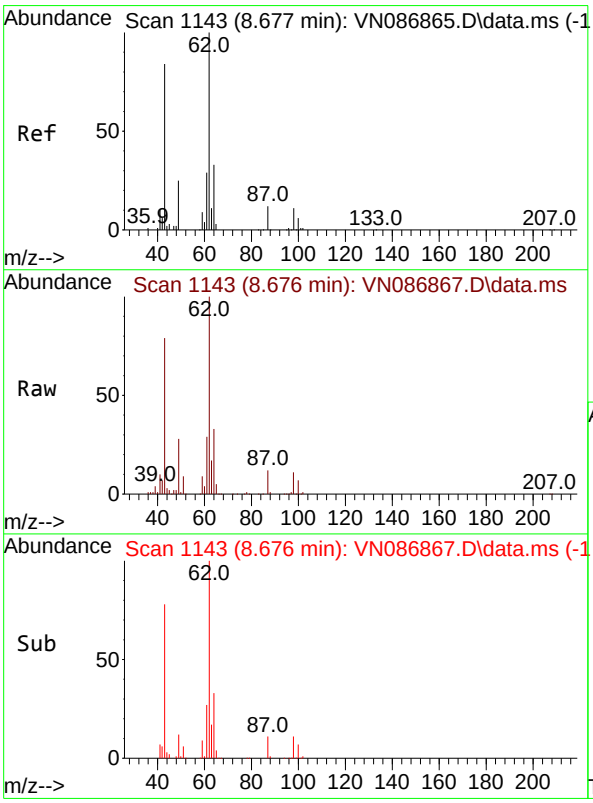
#41
Methacrylonitrile
Concen: 142.174 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 276400

Ion	Ratio	Lower	Upper
41	100		
39	50.9	41.2	61.8
67	79.4	61.4	92.2
52	29.0	22.7	34.1

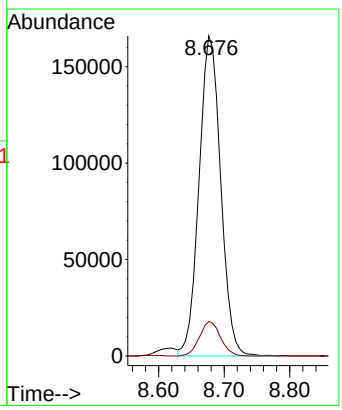


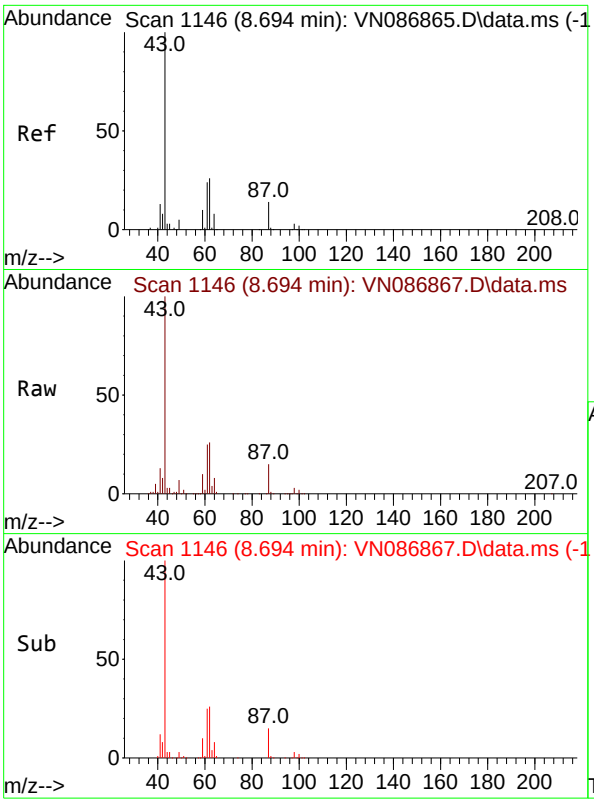


#42
1,2-Dichloroethane
Concen: 141.455 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 62 Resp: 381516

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.2



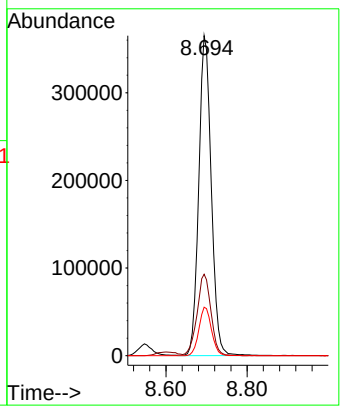


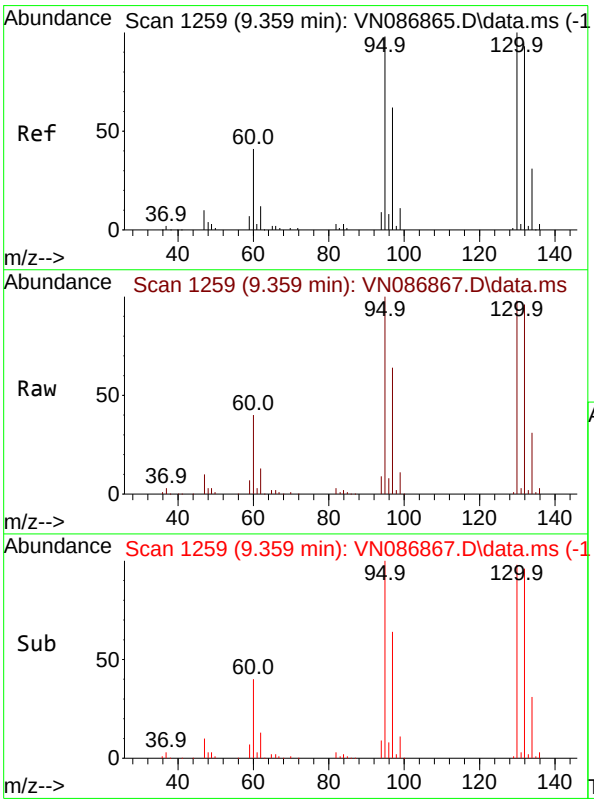
#43
Isopropyl Acetate
Concen: 140.531 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 780791

Ion	Ratio	Lower	Upper
43	100		
61	28.3	22.1	33.1
87	15.3	11.8	17.6

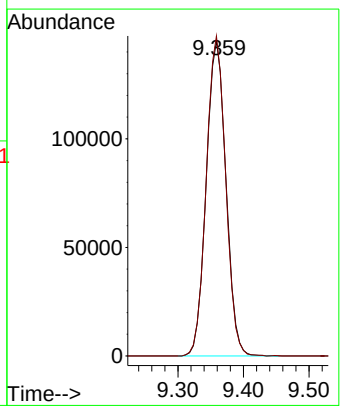


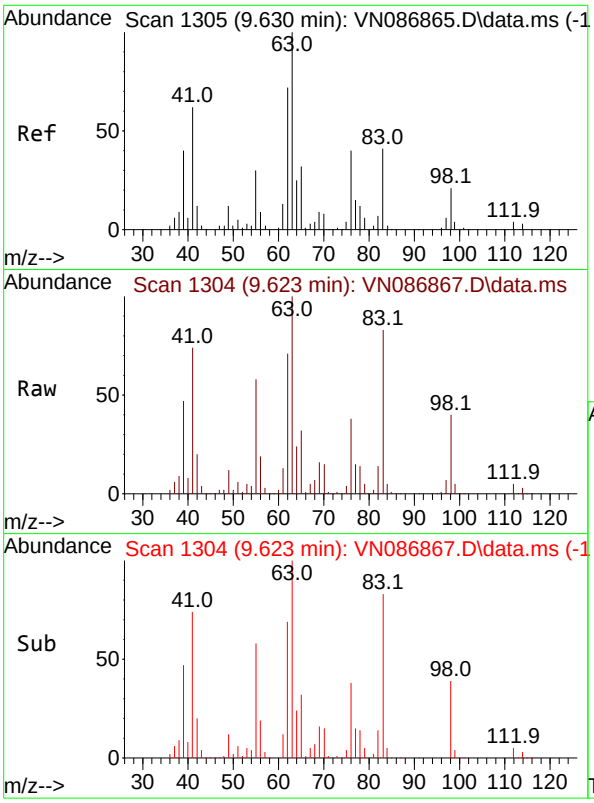


#44
Trichloroethene
Concen: 143.490 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:130 Resp: 302548

Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	196.2



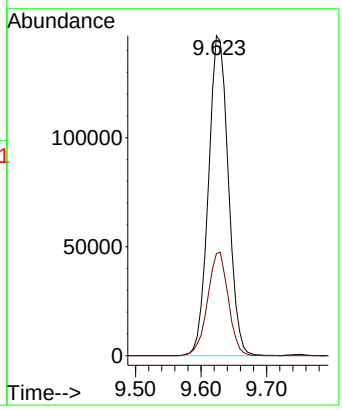


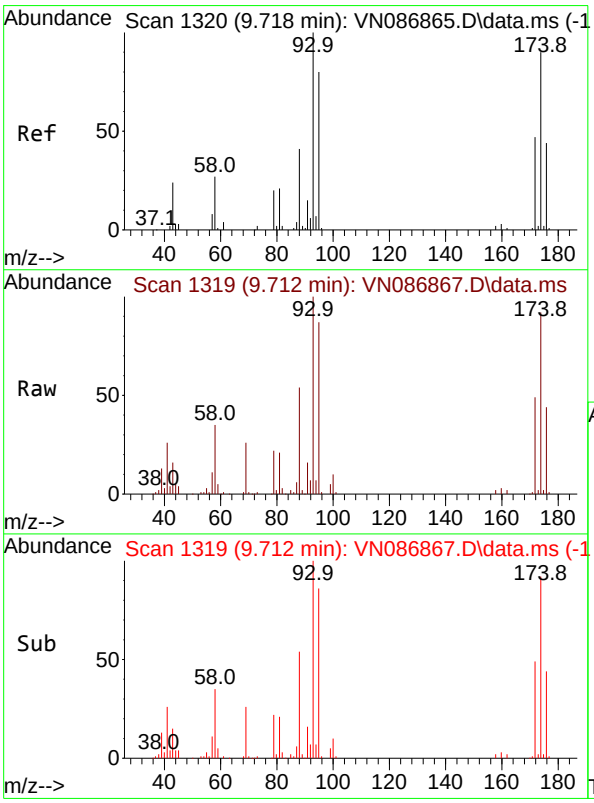
#45
1,2-Dichloropropane
Concen: 142.856 ug/l
RT: 9.623 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 309047

Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3

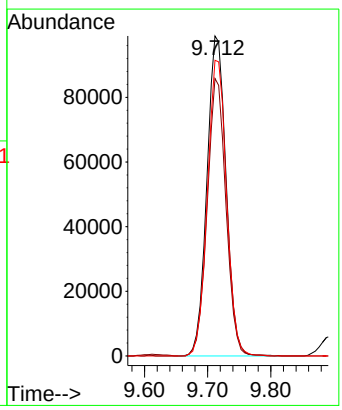


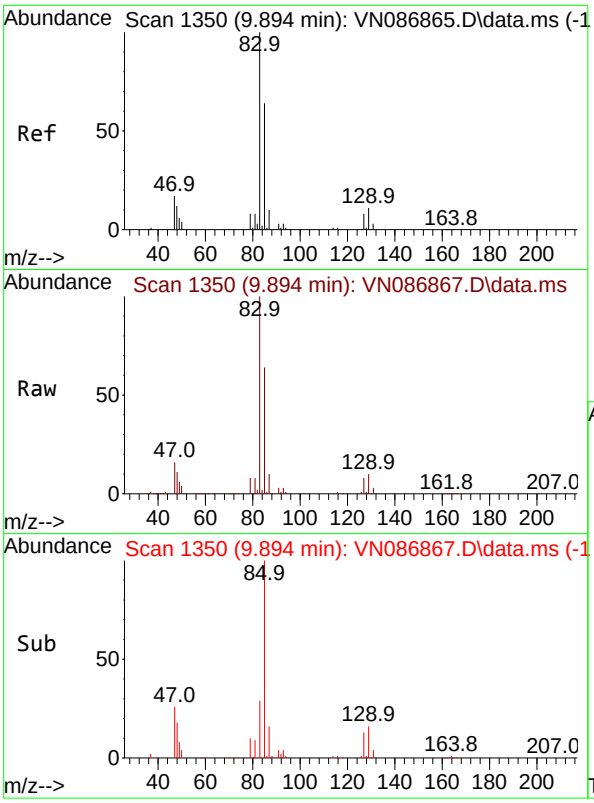


#46
Dibromomethane
Concen: 145.074 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 93 Resp: 208461

Ion	Ratio	Lower	Upper
93	100		
95	84.8	67.1	100.7
174	92.8	74.2	111.4



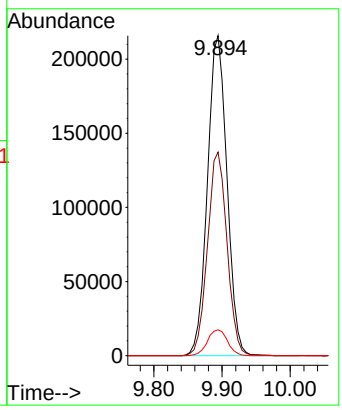


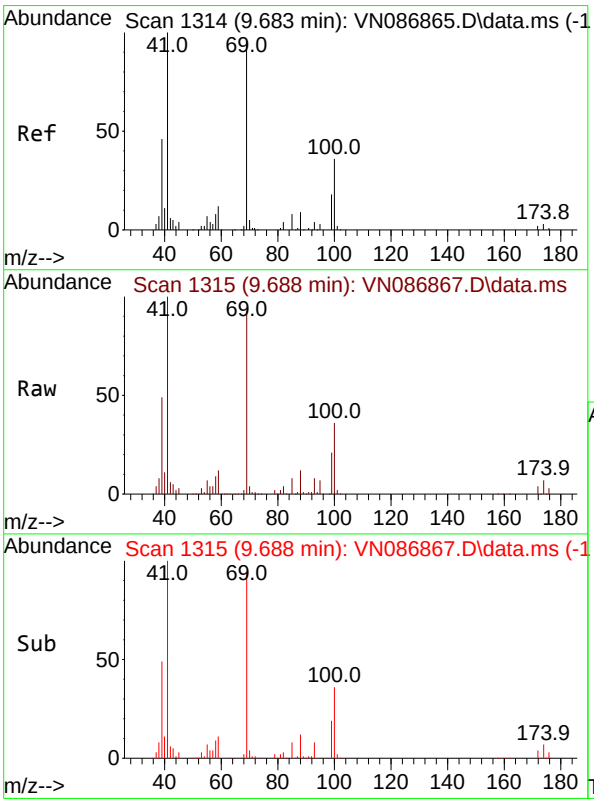
#47
Bromodichloromethane
Concen: 145.449 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 430011

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.9	76.3
127	8.1	6.6	10.0

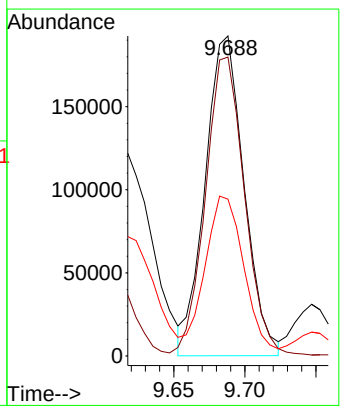


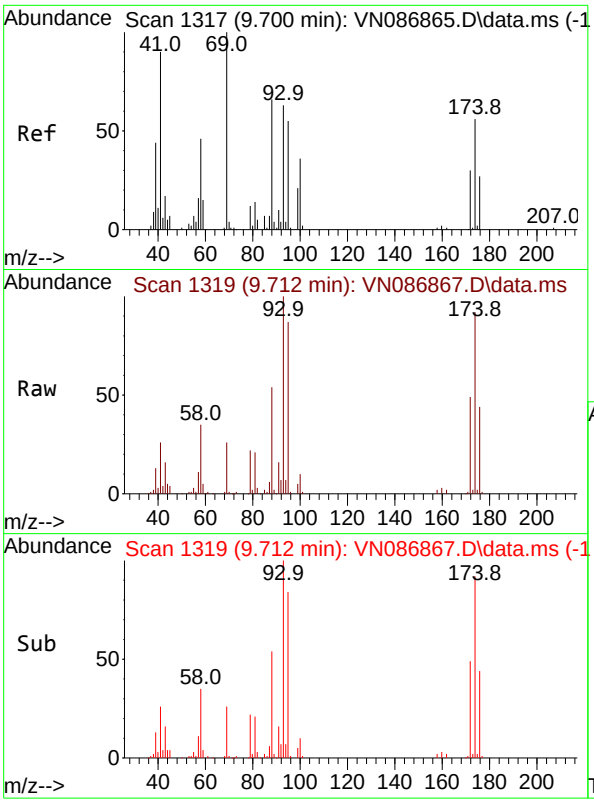


#48
Methyl methacrylate
Concen: 143.502 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 41 Resp: 366967

Ion	Ratio	Lower	Upper
41	100		
69	94.2	74.6	112.0
39	50.8	40.2	60.4



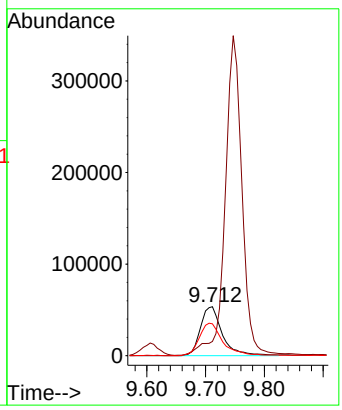


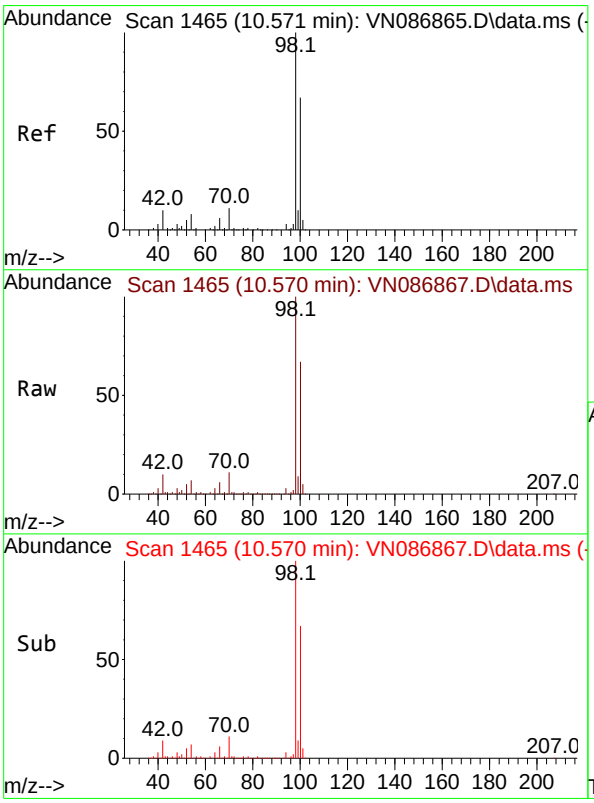
#49
1,4-Dioxane
Concen: 2967.116 ug/l
RT: 9.712 min Scan# 1
Delta R.T. 0.011 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 138035

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.2	57.7	86.5

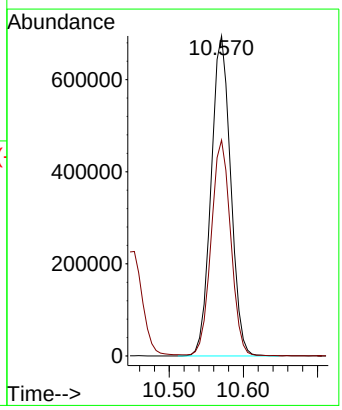


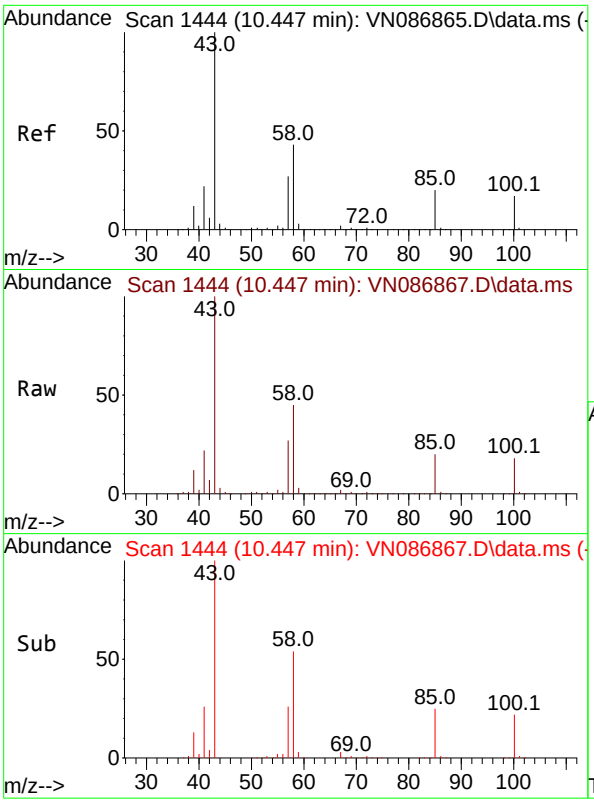


#50
Toluene-d8
Concen: 176.120 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 98 Resp: 1272348

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.4	80.0



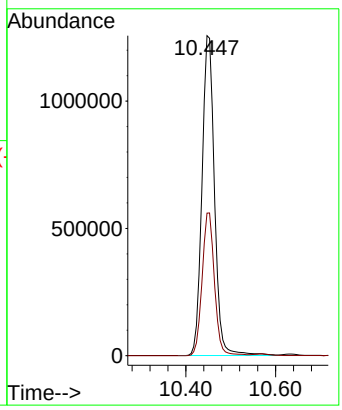


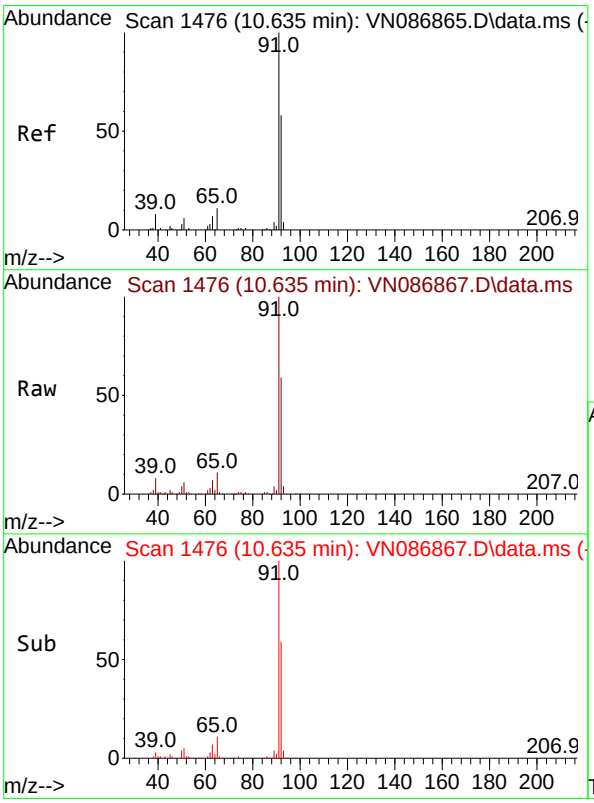
#51
4-Methyl-2-Pentanone
Concen: 728.995 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2438311

Ion	Ratio	Lower	Upper
43	100		
58	44.0	34.2	51.4

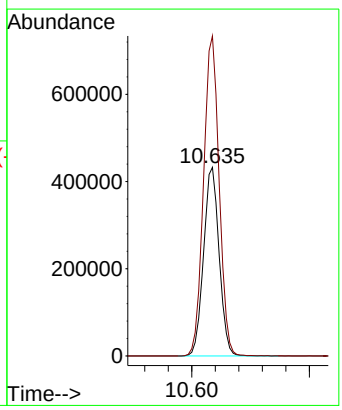


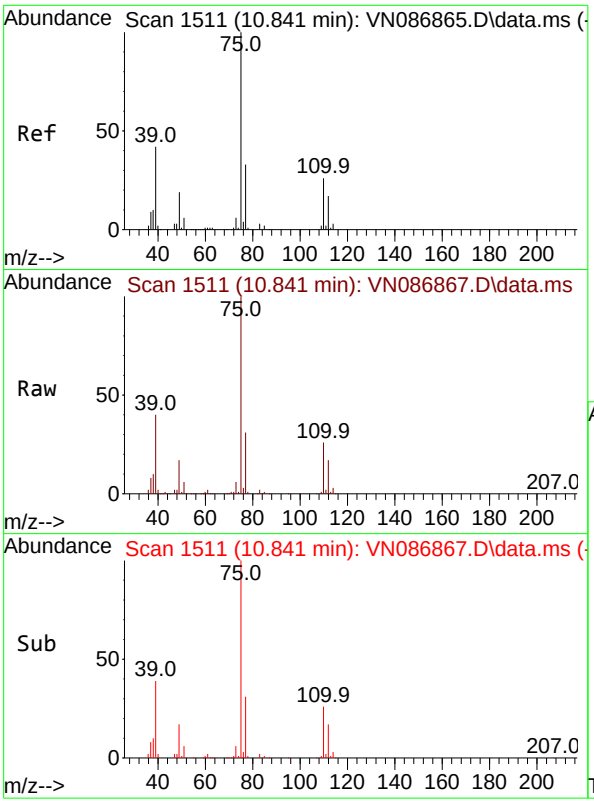


#52
Toluene
Concen: 145.976 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 92 Resp: 793270

Ion	Ratio	Lower	Upper
92	100		
91	170.2	136.5	204.7



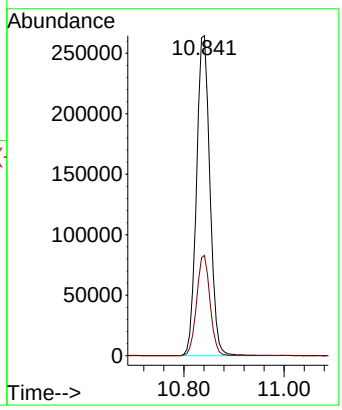


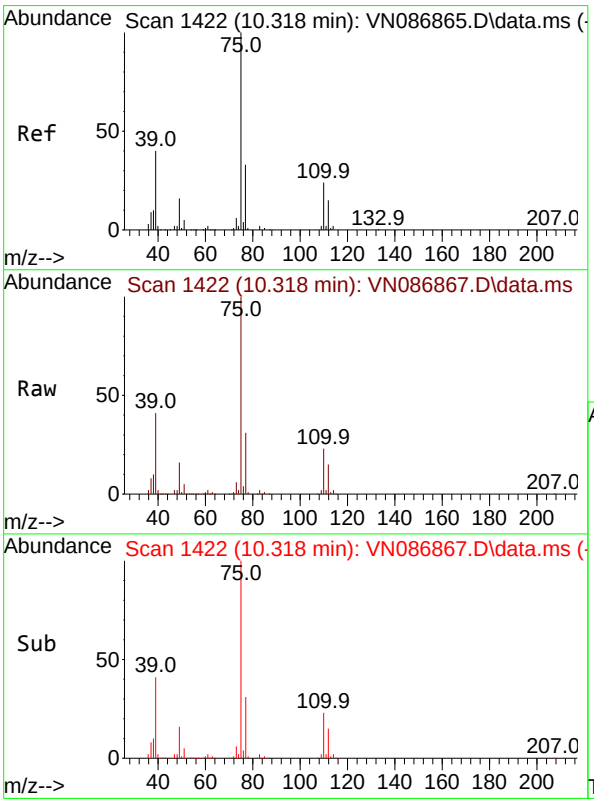
#53
t-1,3-Dichloropropene
Concen: 148.163 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 489809

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.4	39.6

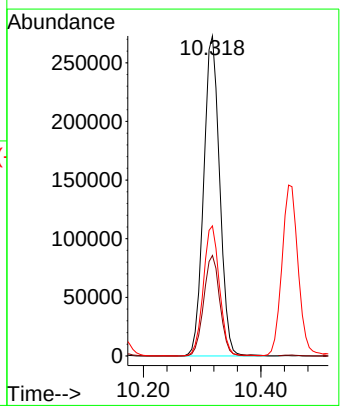


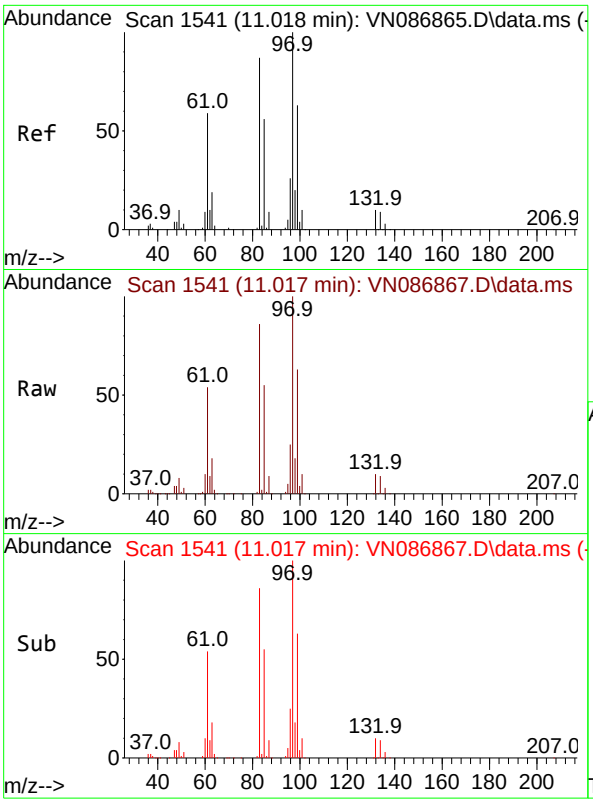


#54
cis-1,3-Dichloropropene
Concen: 146.469 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 518092

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.2	39.4
39	40.6	32.3	48.5



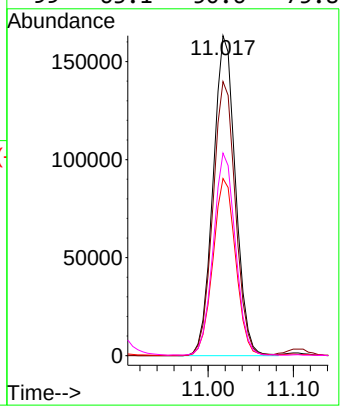


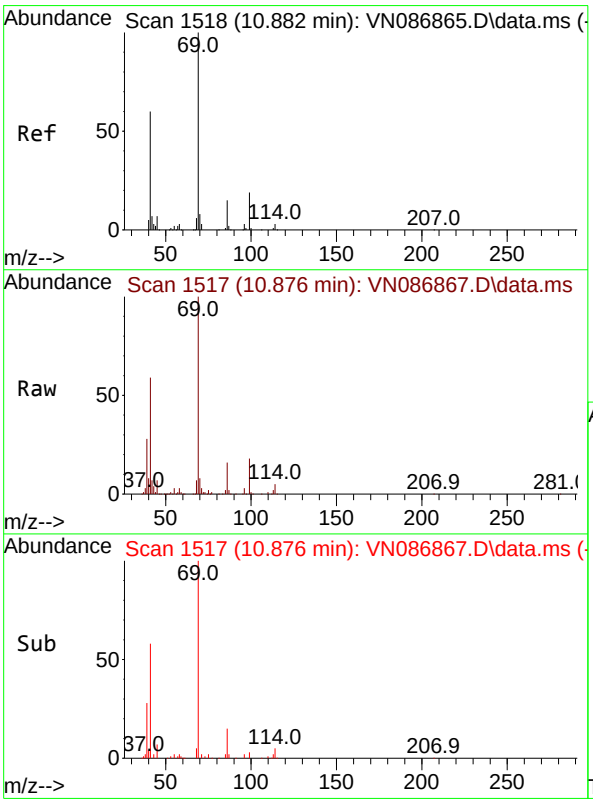
#55
1,1,2-Trichloroethane
Concen: 142.588 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 298151

Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.7	104.5
85	55.2	45.1	67.7
99	63.1	50.6	75.8

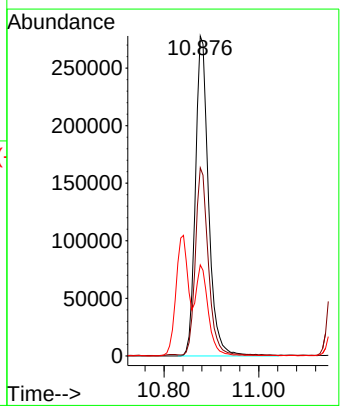


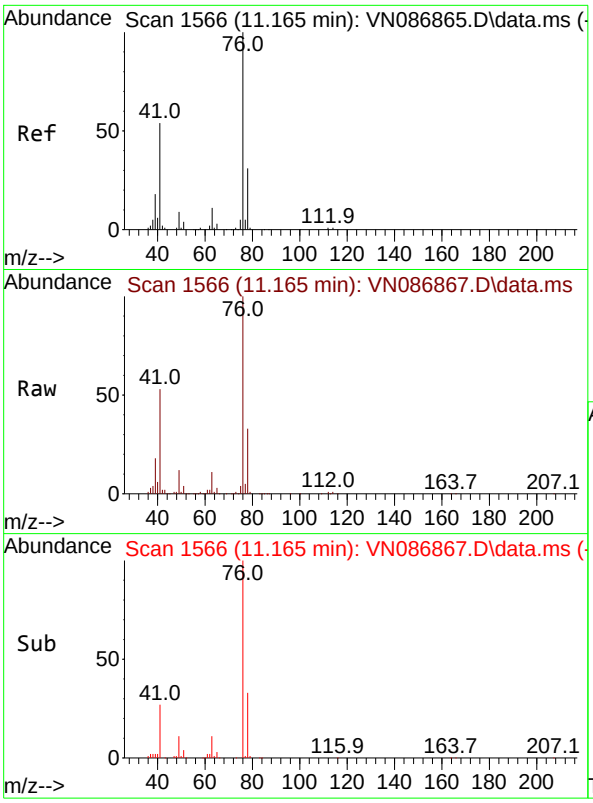


#56
Ethyl methacrylate
Concen: 160.311 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 69 Resp: 533912

Ion	Ratio	Lower	Upper
69	100		
41	57.5	47.2	70.8
39	27.0	23.0	34.6



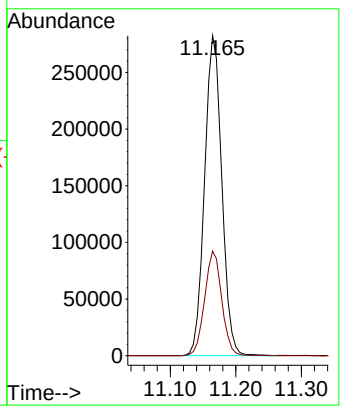


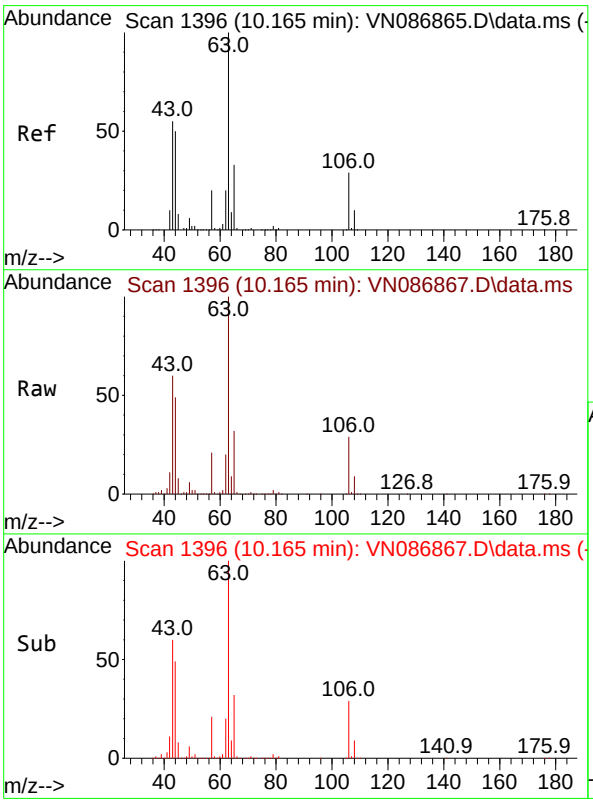
#57
1,3-Dichloropropane
Concen: 142.363 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 516391

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.3	37.9

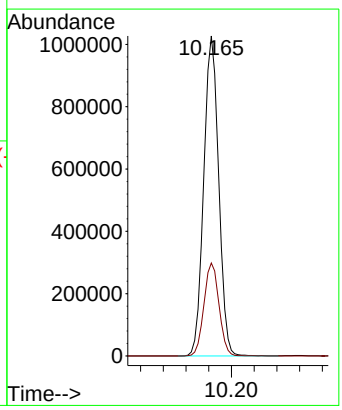


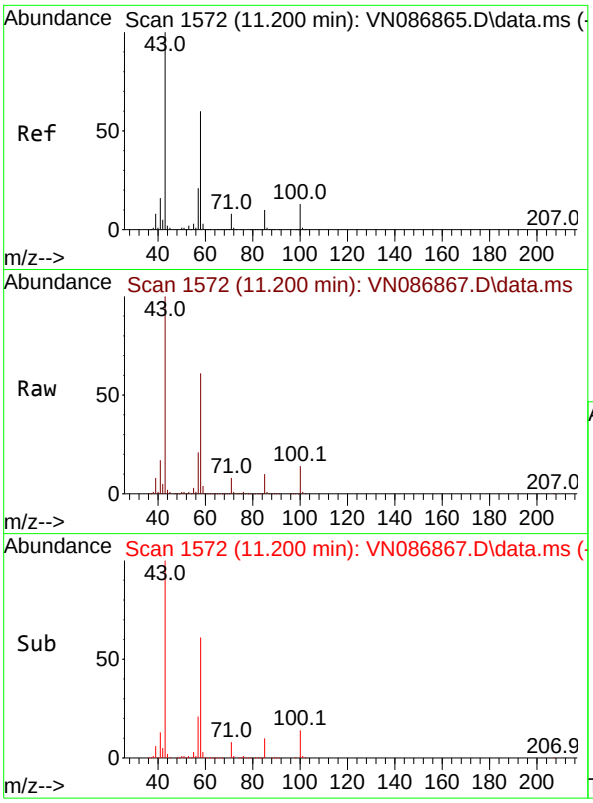


#58
2-Chloroethyl Vinyl ether
Concen: 941.147 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 63 Resp: 1869543

Ion	Ratio	Lower	Upper
63	100		
106	29.2	23.0	34.6



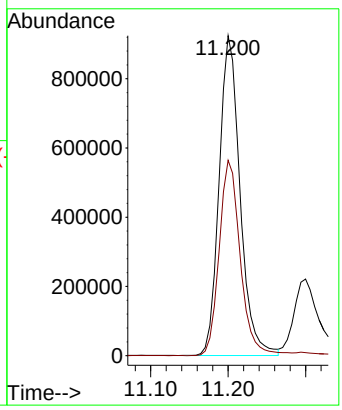


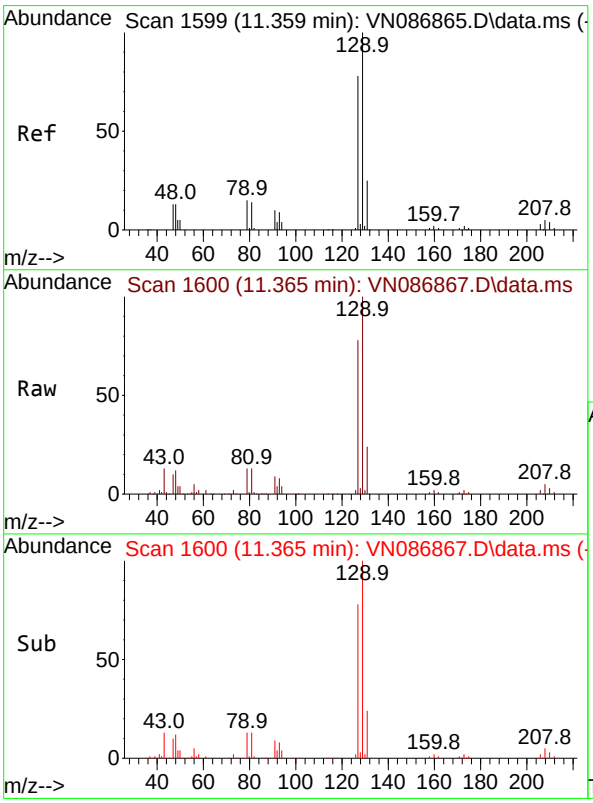
#59
2-Hexanone
Concen: 805.662 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1735777

Ion	Ratio	Lower	Upper
43	100		
58	61.6	30.4	91.3

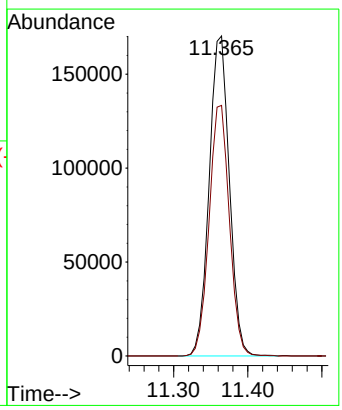


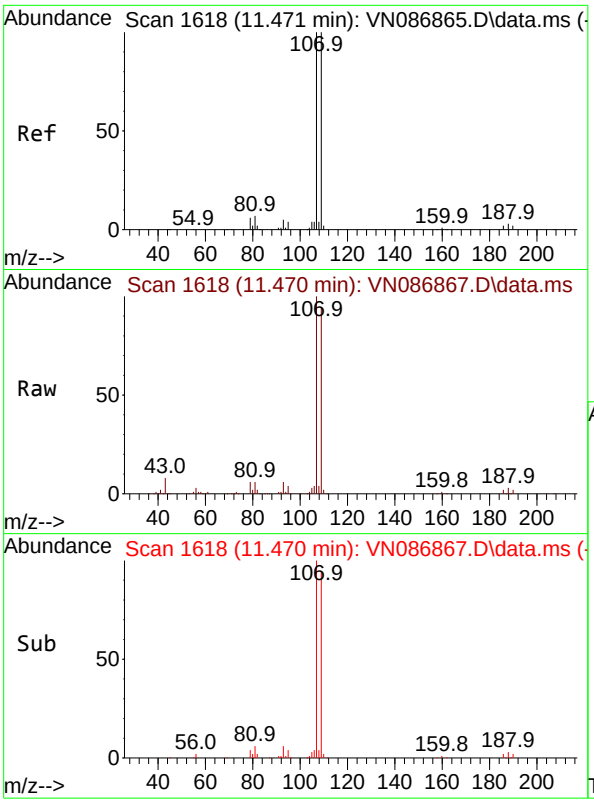


#60
Dibromochloromethane
Concen: 147.832 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:129 Resp: 322064

Ion	Ratio	Lower	Upper
129	100		
127	78.6	38.6	115.8



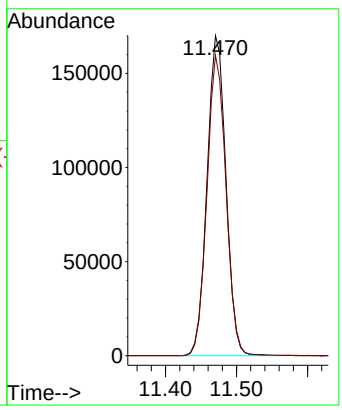


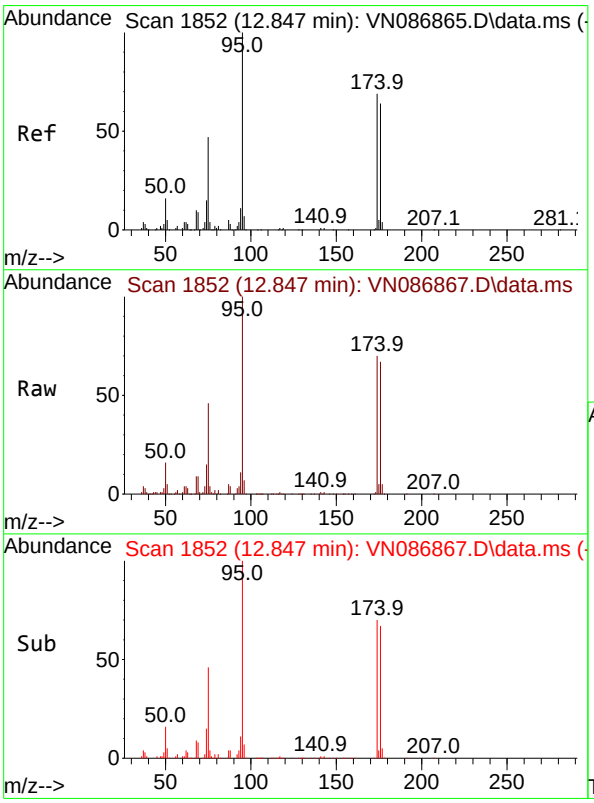
#61
1,2-Dibromoethane
Concen: 146.790 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 314606

Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.3	114.5

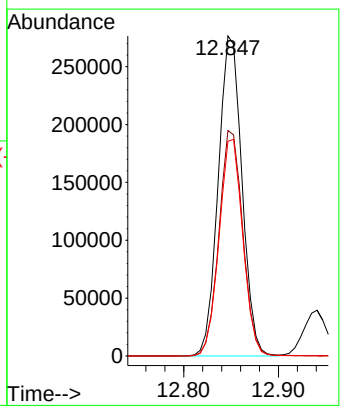


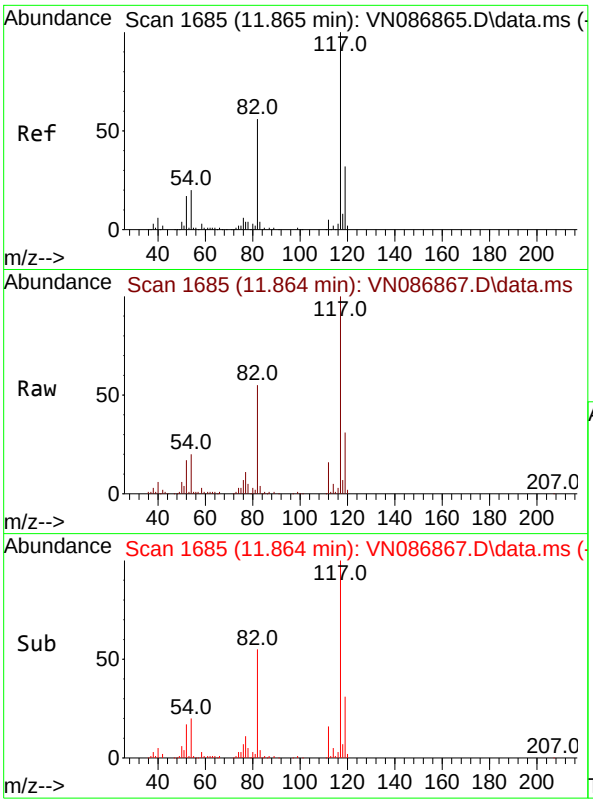


#62
4-Bromofluorobenzene
Concen: 179.364 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 95 Resp: 481421

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	141.8
176	67.8	0.0	132.6



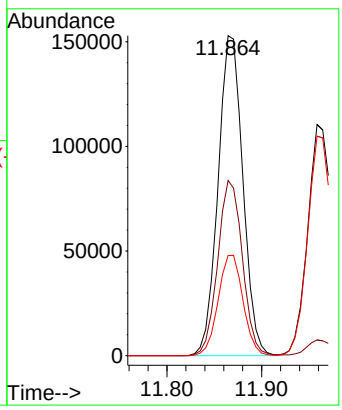


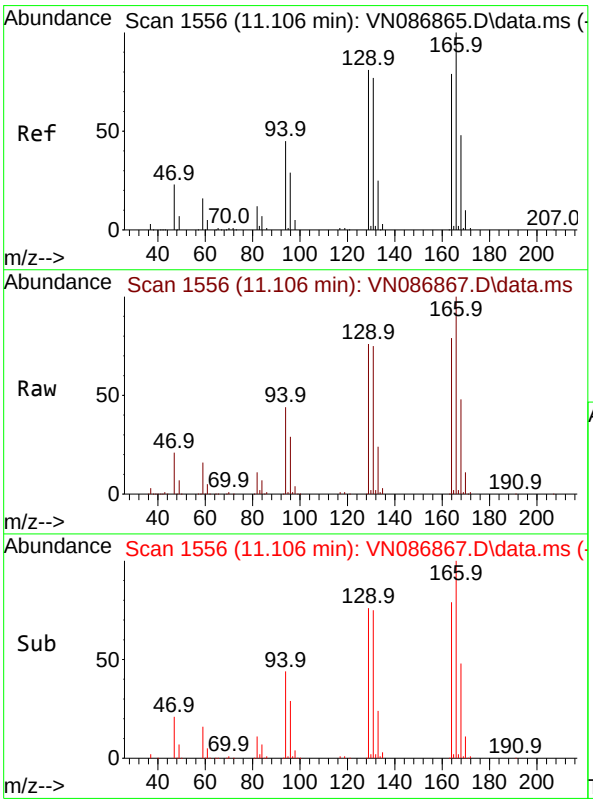
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 278552

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.6	67.0
119	31.3	25.5	38.3

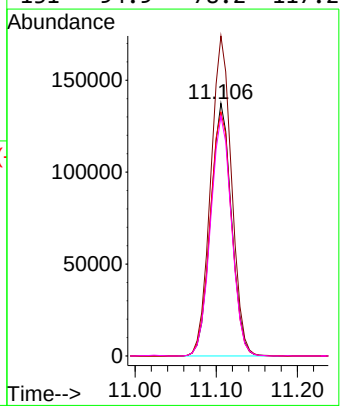


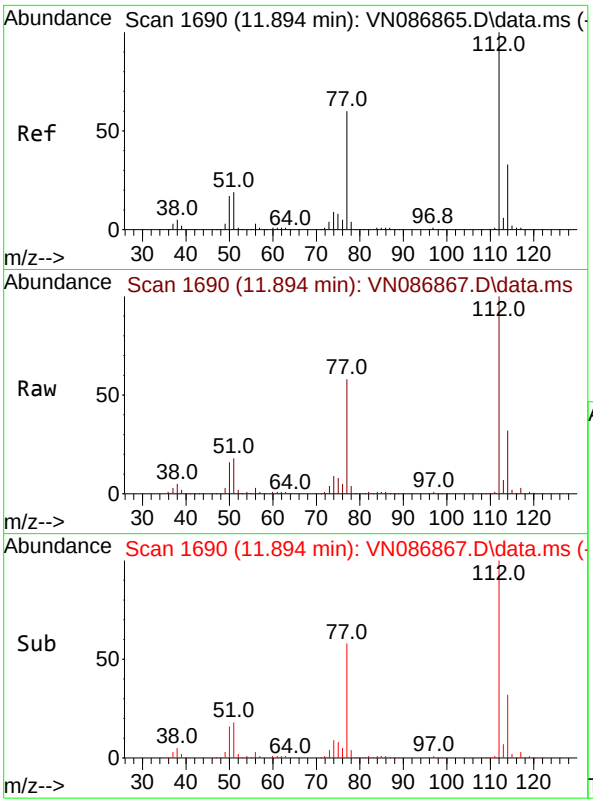


#64
Tetrachloroethene
Concen: 139.048 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:164 Resp: 245122

Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.8	152.8
129	96.6	83.0	124.4
131	94.9	78.2	117.2



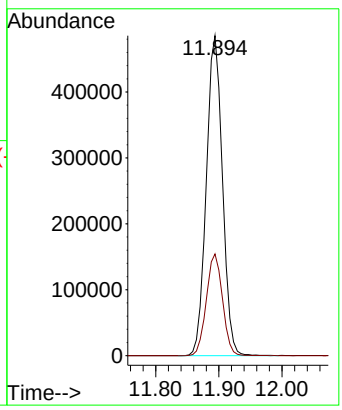


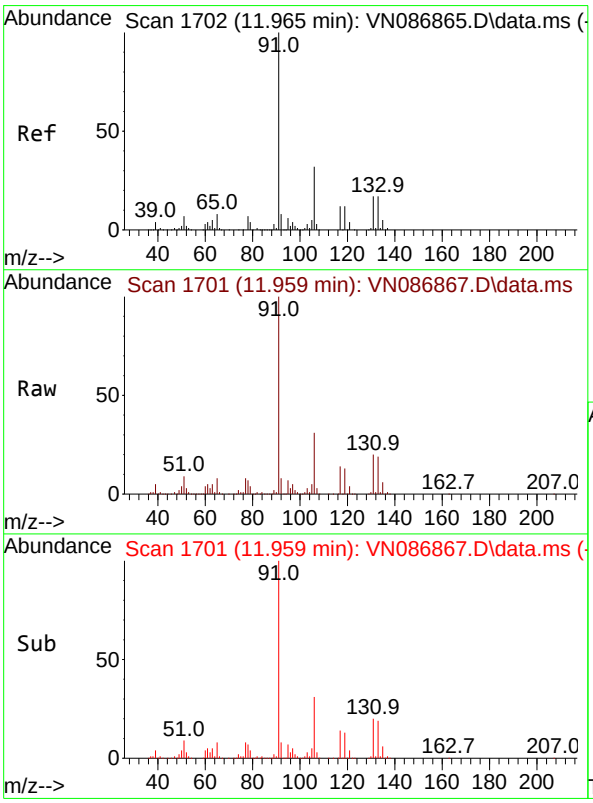
#65
Chlorobenzene
Concen: 140.041 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 860345

Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.2

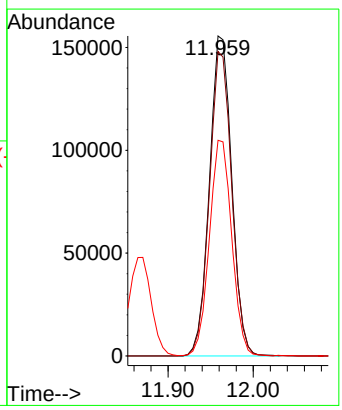


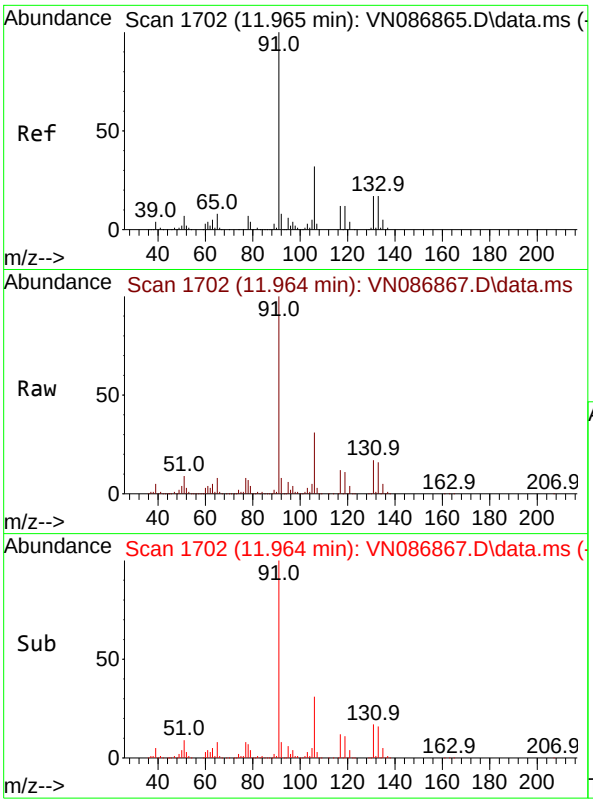


#66
1,1,1,2-Tetrachloroethane
Concen: 143.171 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:131 Resp: 282739

Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.3	144.8
119	67.8	34.0	101.8



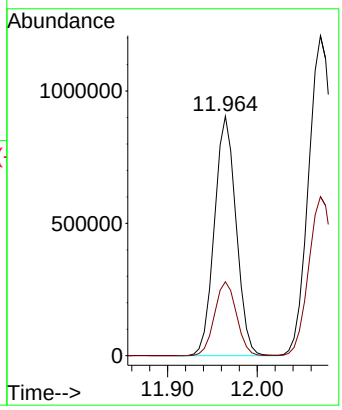


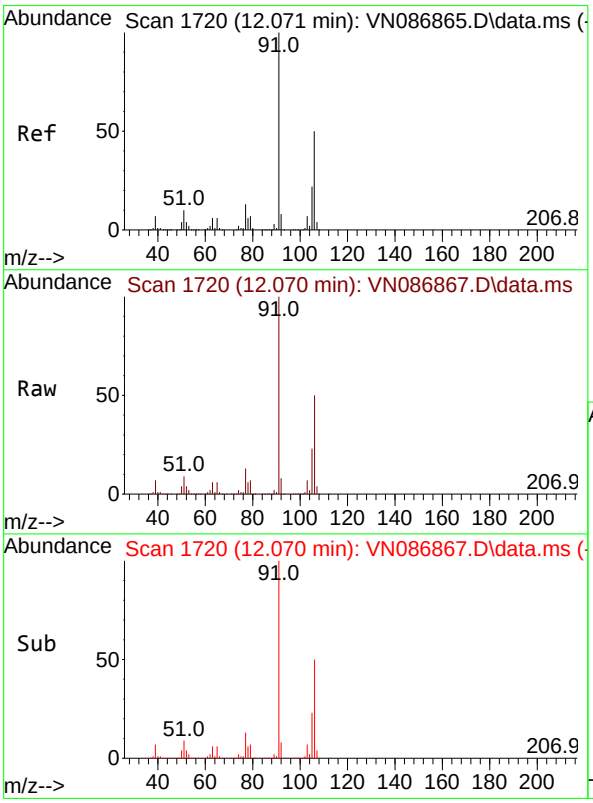
#67
Ethyl Benzene
Concen: 143.438 ug/l
RT: 11.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1517883

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.4	38.2

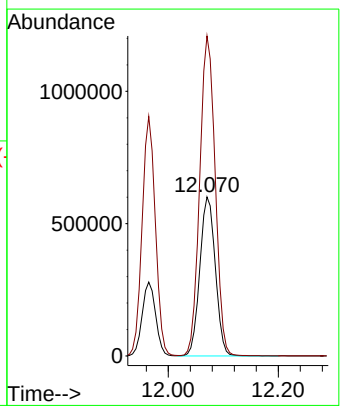


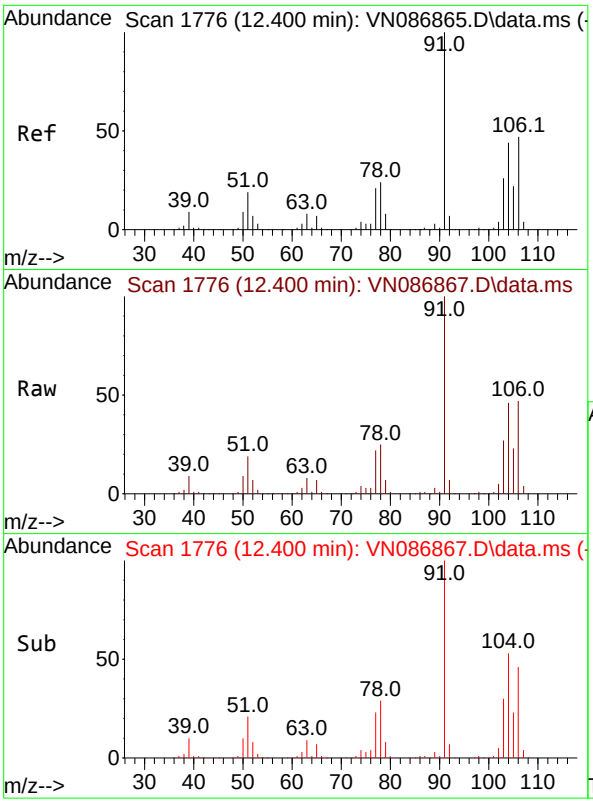


#68
m/p-Xylenes
Concen: 290.155 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:106 Resp: 1175378

Ion	Ratio	Lower	Upper
106	100		
91	200.8	159.4	239.0



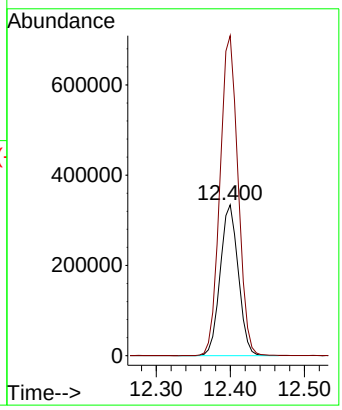


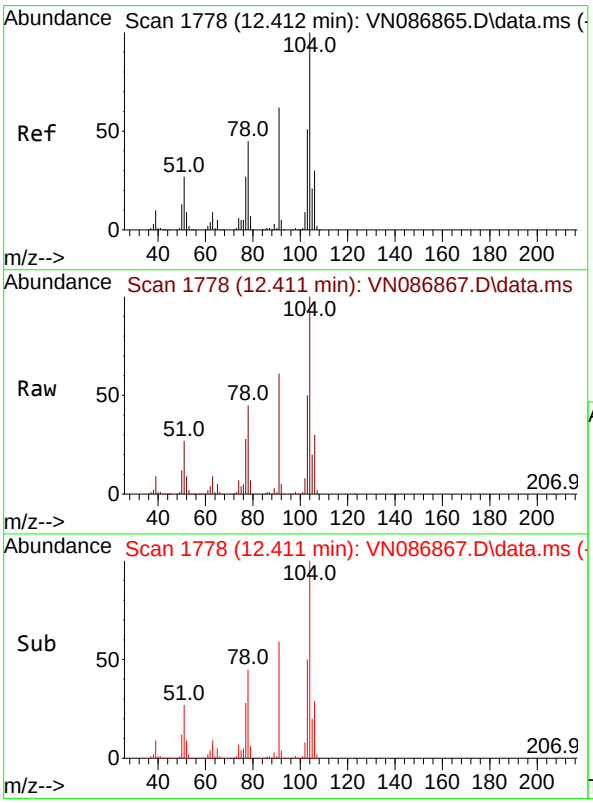
#69
o-Xylene
Concen: 145.966 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 566301

Ion	Ratio	Lower	Upper
106	100		
91	211.9	106.1	318.1

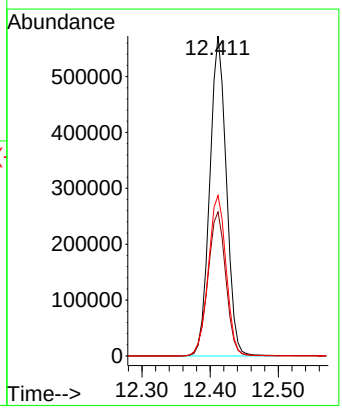


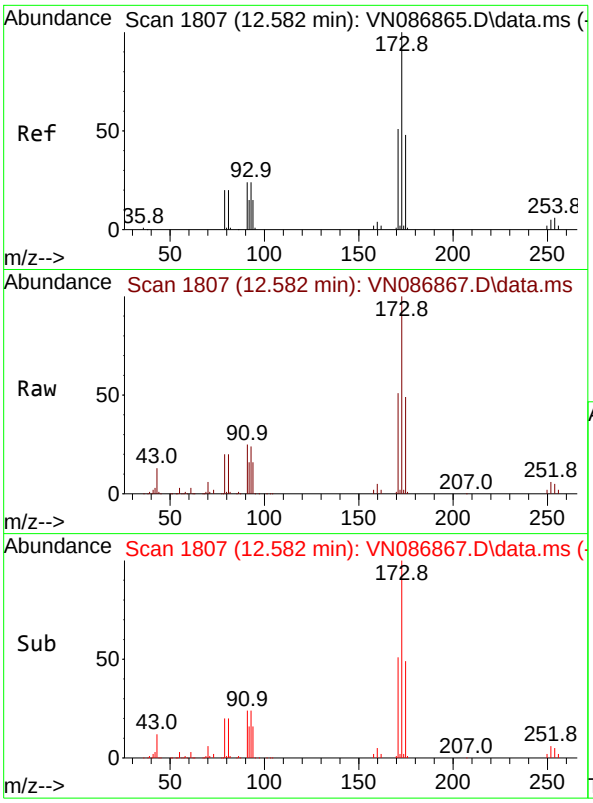


#70
Styrene
Concen: 146.459 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:104 Resp: 972318

Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.5	57.7
103	54.0	43.1	64.7



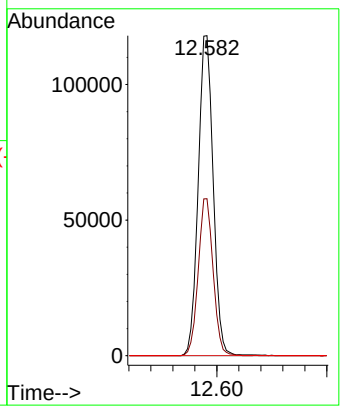


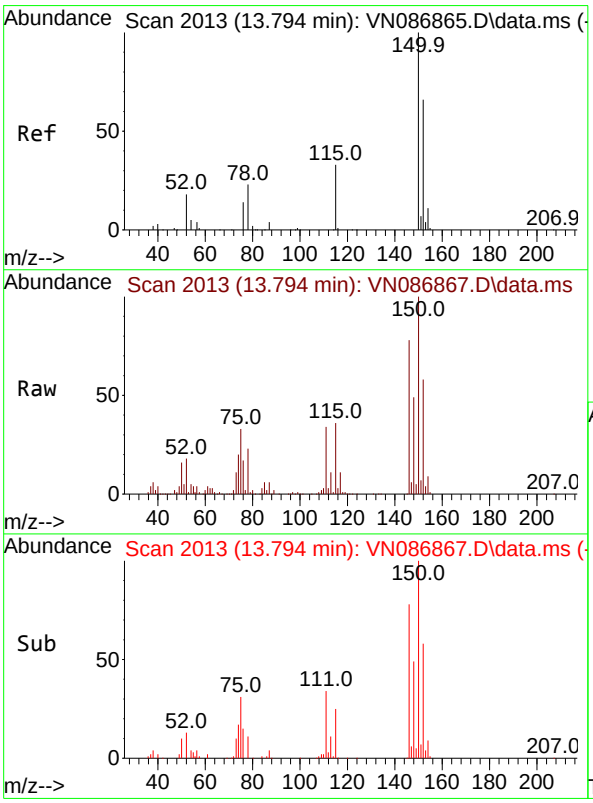
#71
Bromoform
Concen: 152.538 ug/l
RT: 12.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 223200

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.4
254	0.0	0.0	0.0

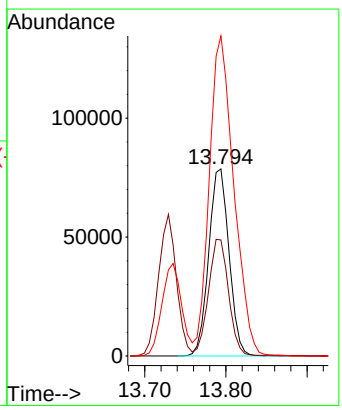


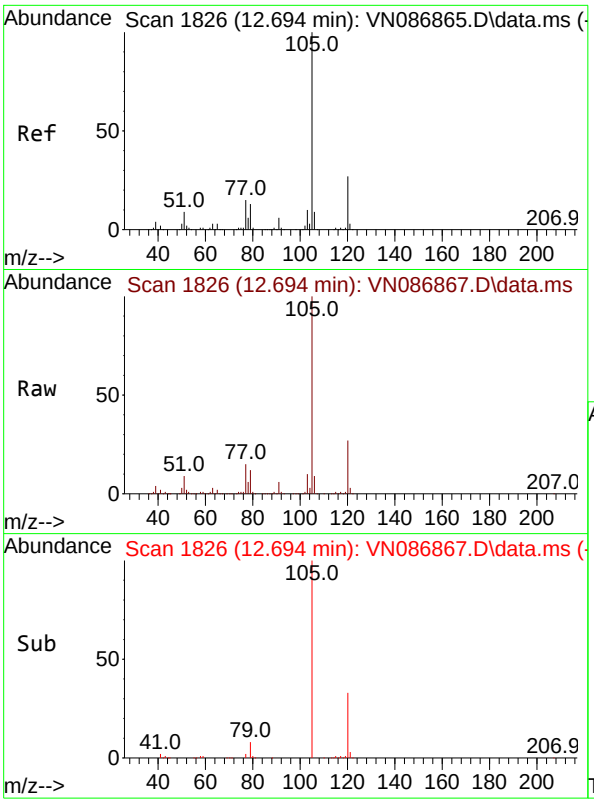


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:152 Resp: 136630

Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.1	90.5
150	206.7	0.0	345.0



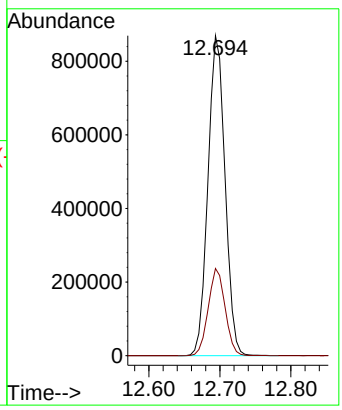


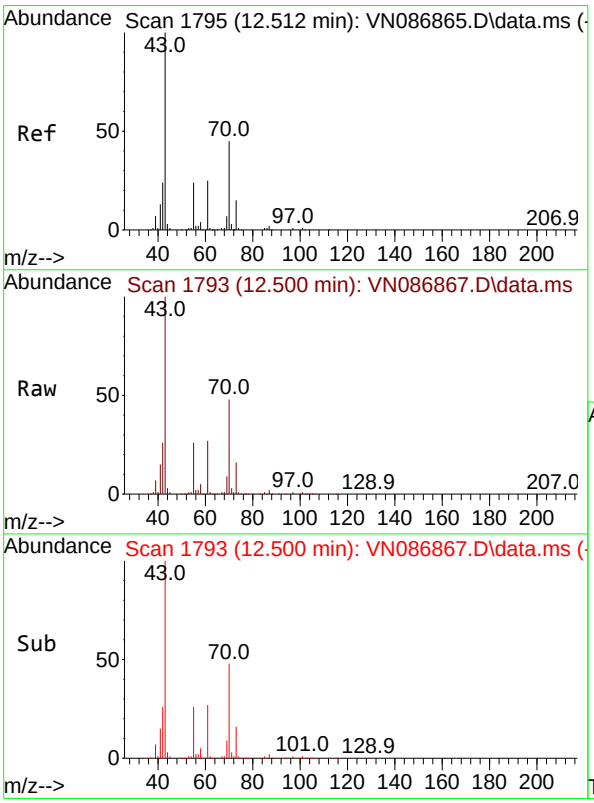
#73
Isopropylbenzene
Concen: 146.042 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1453651

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4

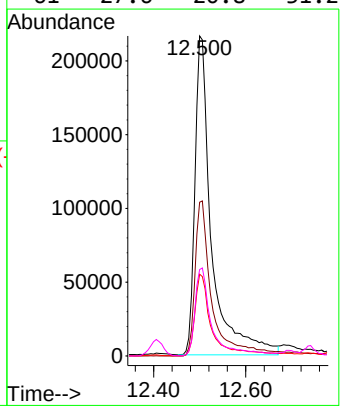


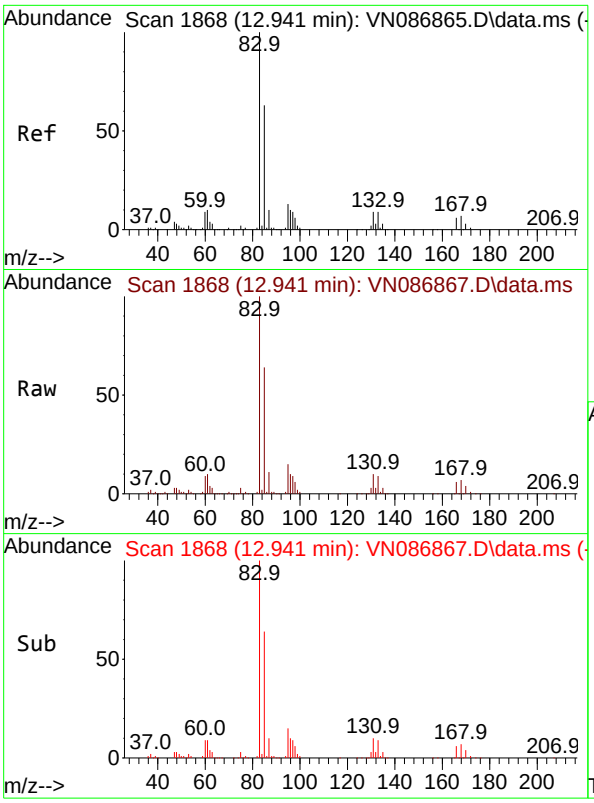


#74
N-amyl acetate
Concen: 164.596 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.012 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 43 Resp: 543747

Ion	Ratio	Lower	Upper
43	100		
70	50.0	37.6	56.4
55	26.1	19.0	28.6
61	27.6	20.8	31.2



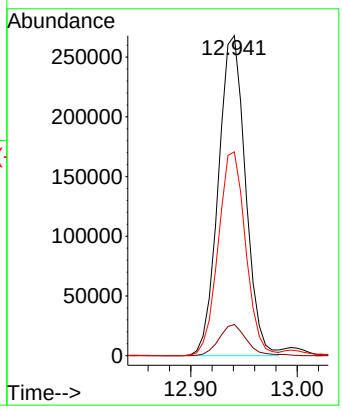


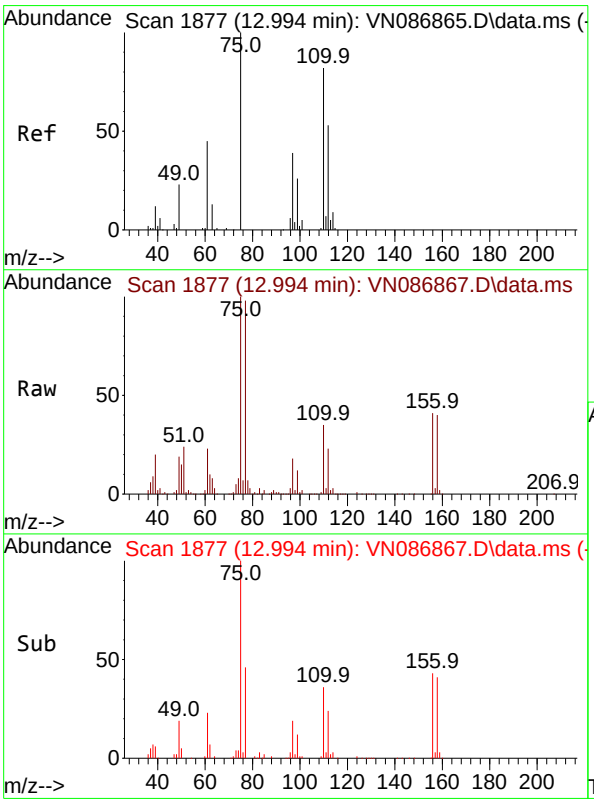
#75
1,1,2,2-Tetrachloroethane
Concen: 140.693 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 474426

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	64.3	32.0	96.0

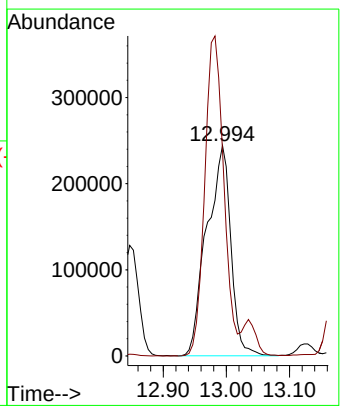


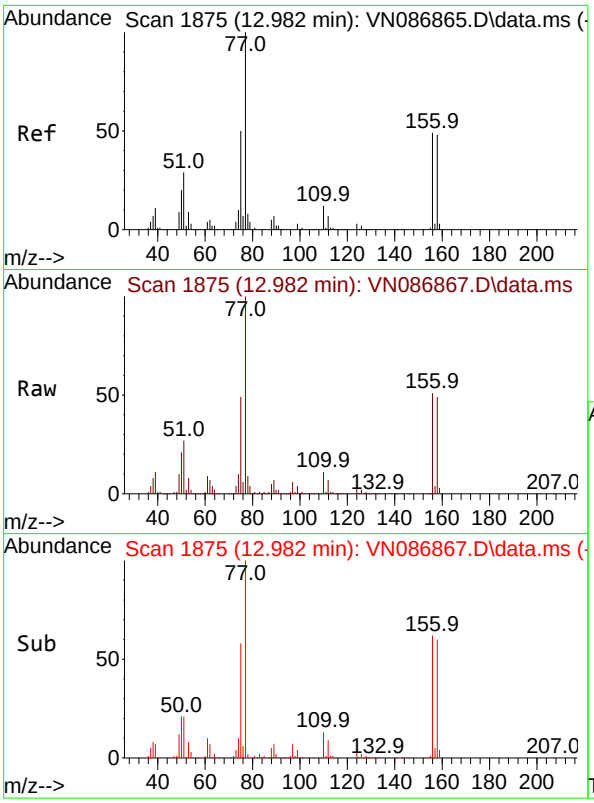


#76
1,2,3-Trichloropropane
Concen: 197.732 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 644184

Ion	Ratio	Lower	Upper
75	100		
77	120.6	79.3	237.9



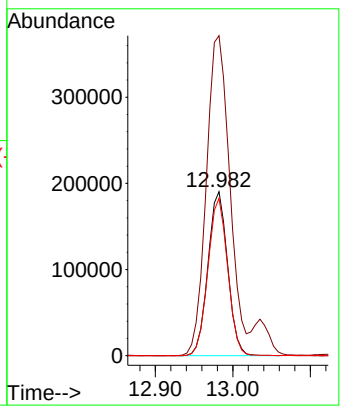


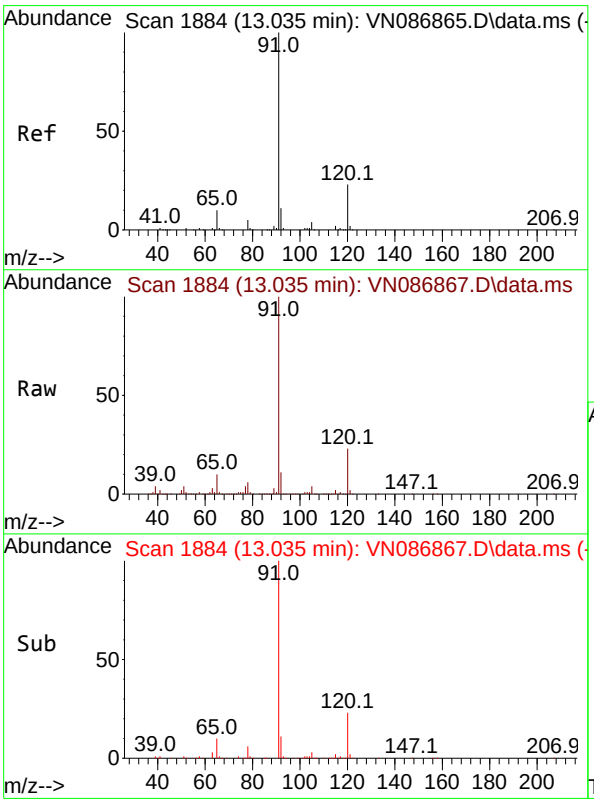
#77
Bromobenzene
Concen: 147.077 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 335734

Ion	Ratio	Lower	Upper
156	100		
77	231.5	117.7	353.1
158	96.3	48.1	144.4

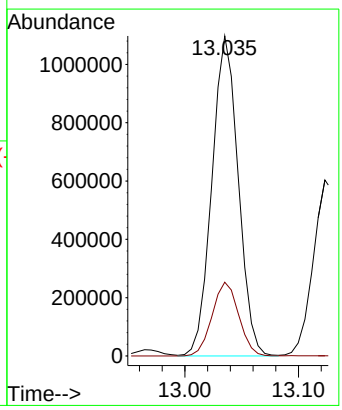


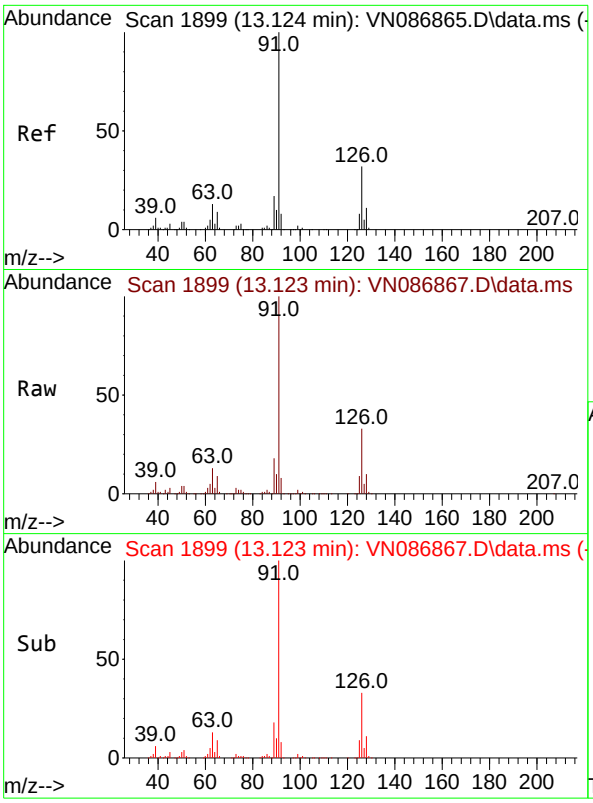


#78
n-propylbenzene
Concen: 146.301 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 91 Resp: 1769694

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.4	34.2



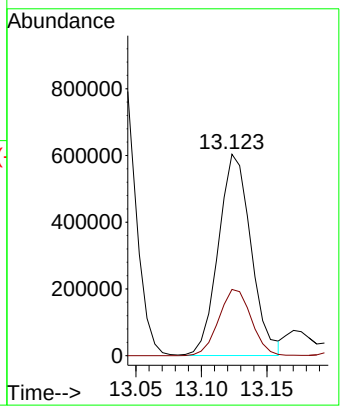


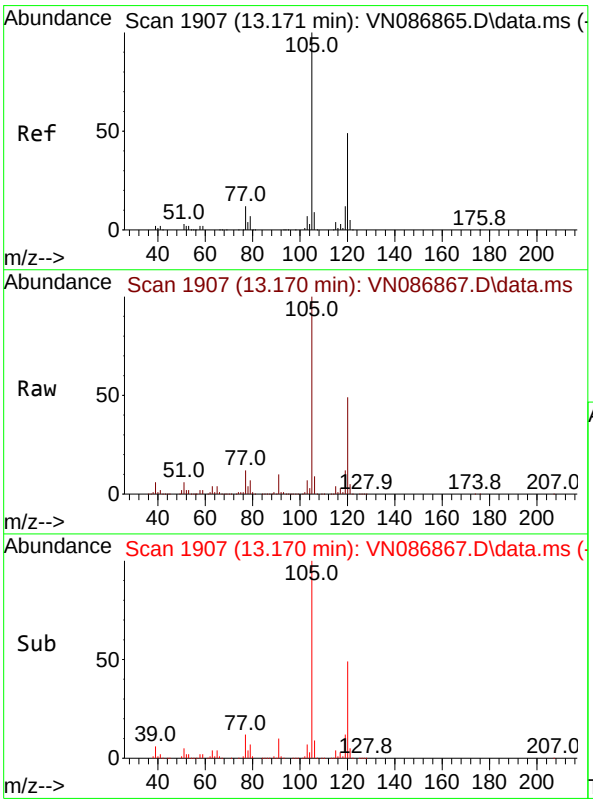
#79
2-Chlorotoluene
Concen: 144.317 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1046916

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.5

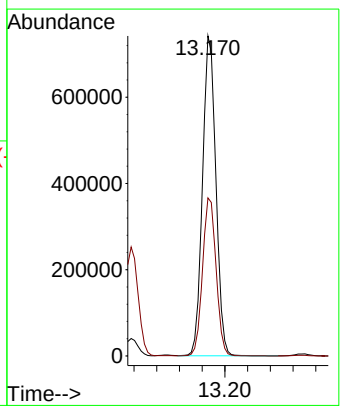


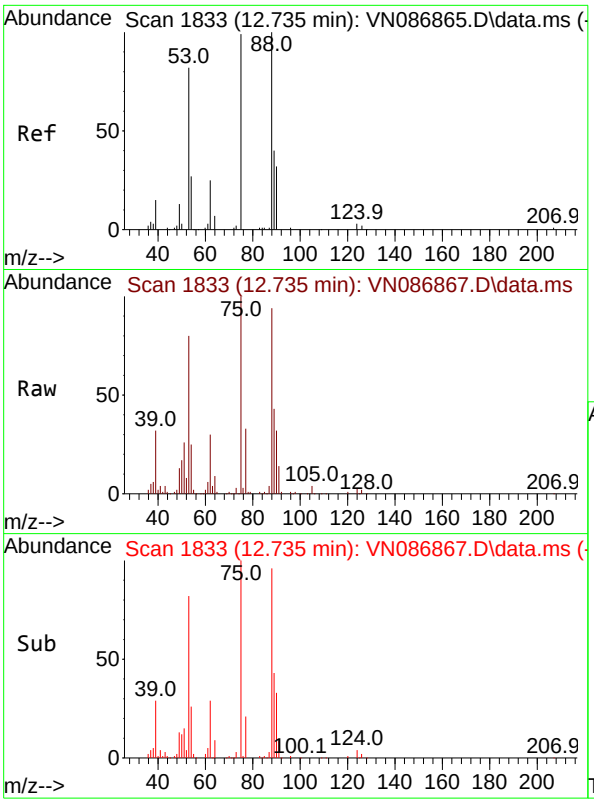


#80
1,3,5-Trimethylbenzene
Concen: 147.279 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:105 Resp: 1210325

Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.9	74.6



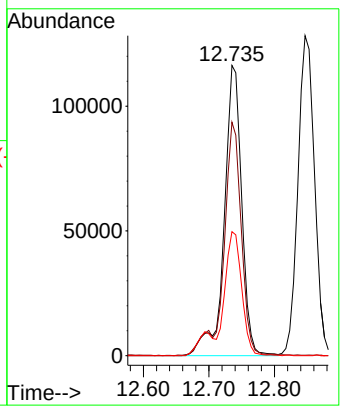


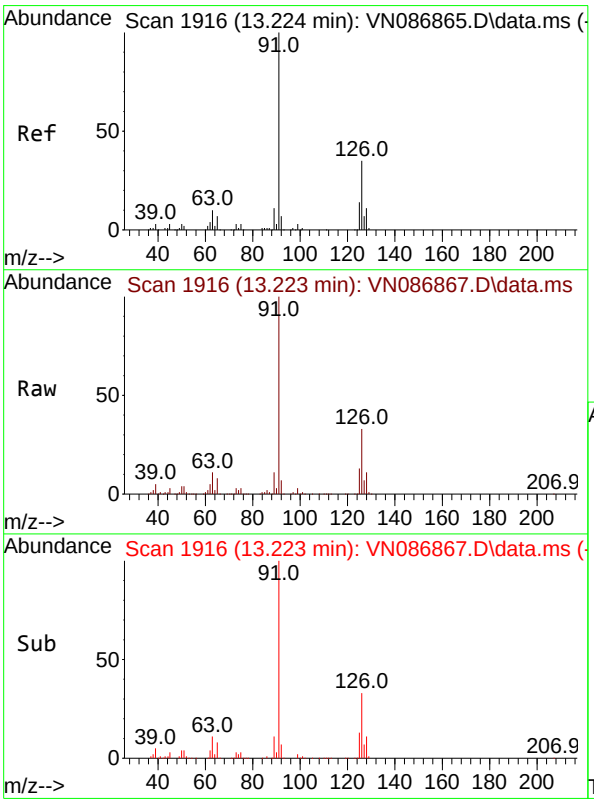
#81
trans-1,4-Dichloro-2-butene
Concen: 153.277 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 216253

Ion	Ratio	Lower	Upper
75	100		
53	81.3	66.6	99.8
89	40.0	36.7	55.1

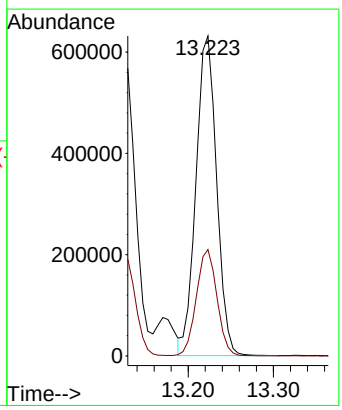


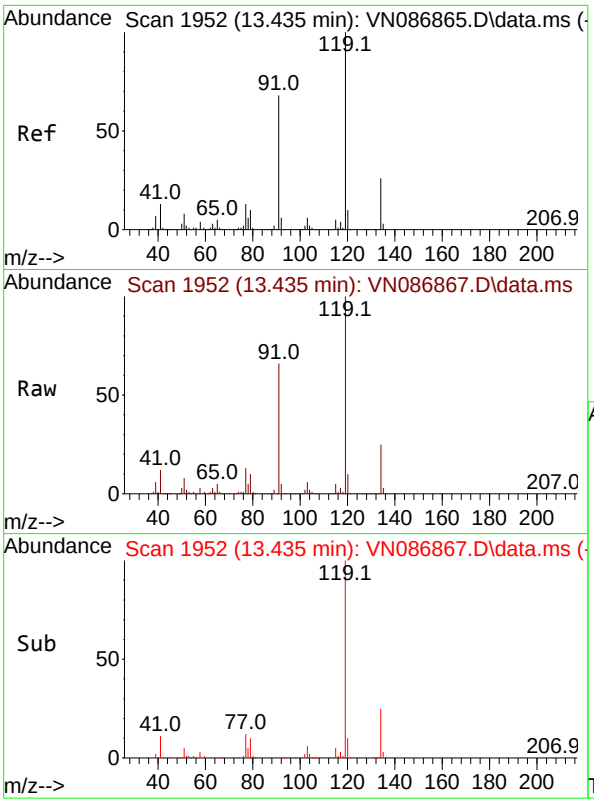


#82
4-Chlorotoluene
Concen: 144.900 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 91 Resp: 1063581

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.7	50.1



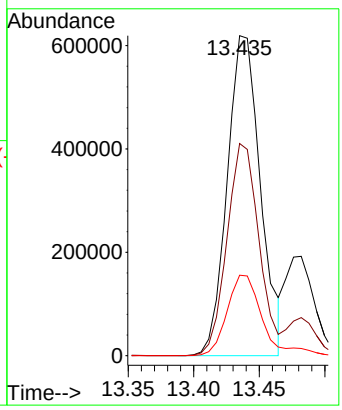


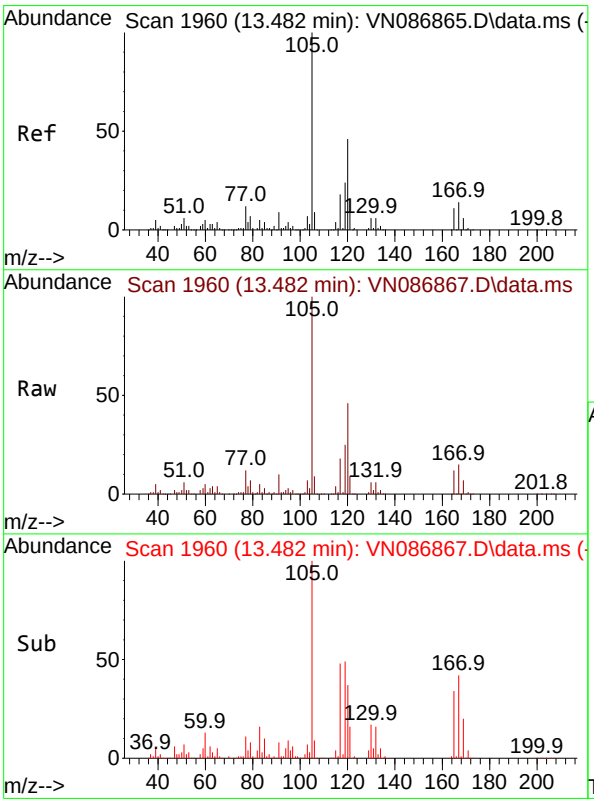
#83
tert-Butylbenzene
Concen: 145.352 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 1093406

Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.1	96.5
134	26.7	13.4	40.1

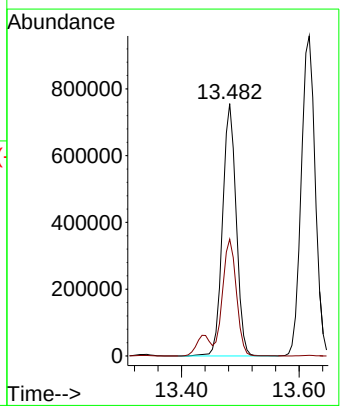


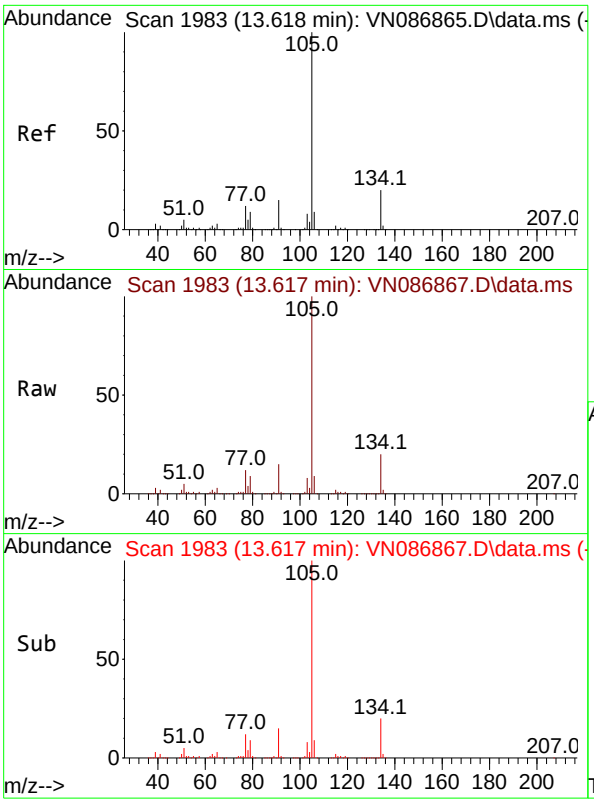


#84
1,2,4-Trimethylbenzene
Concen: 147.626 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:105 Resp: 1216529

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6



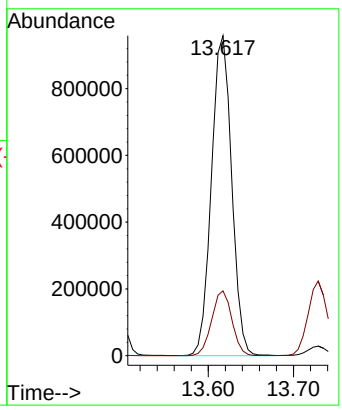


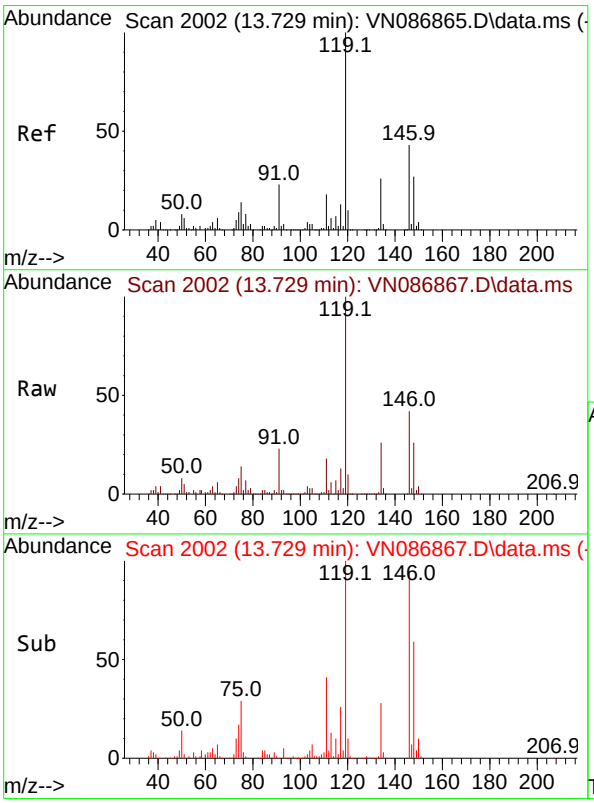
#85
sec-Butylbenzene
Concen: 144.885 ug/l
RT: 13.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1582762

Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.0	30.0

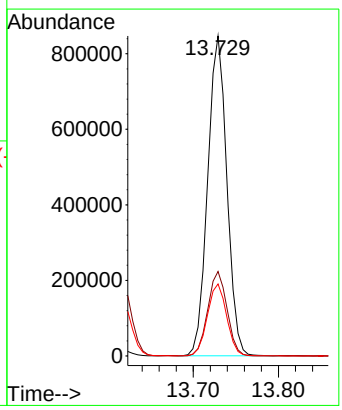


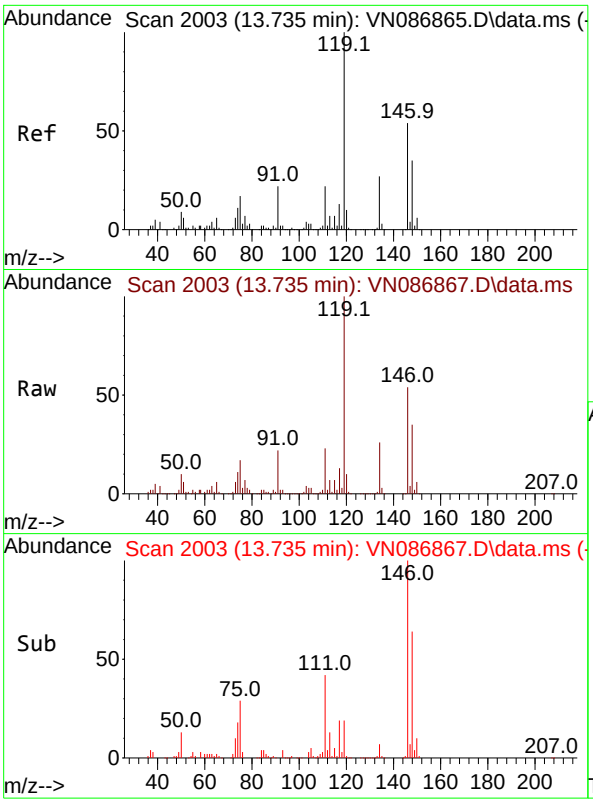


#86
p-Isopropyltoluene
Concen: 146.482 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:119 Resp: 1322780

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.4
91	22.7	11.5	34.4



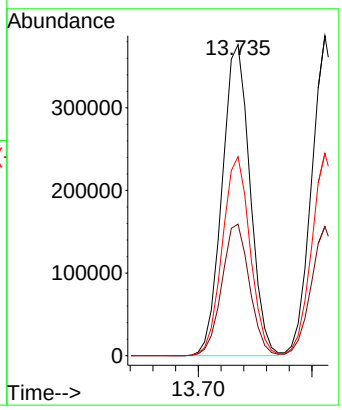


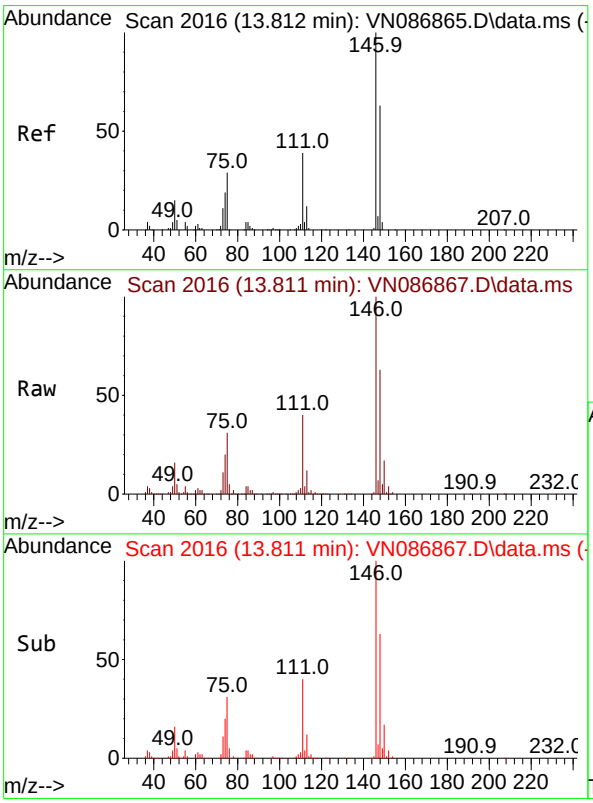
#87
1,3-Dichlorobenzene
Concen: 142.939 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 641966

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.9	62.8
148	63.8	32.0	96.2

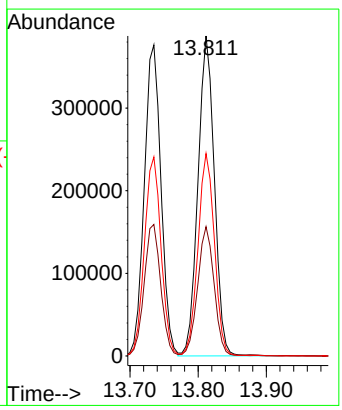


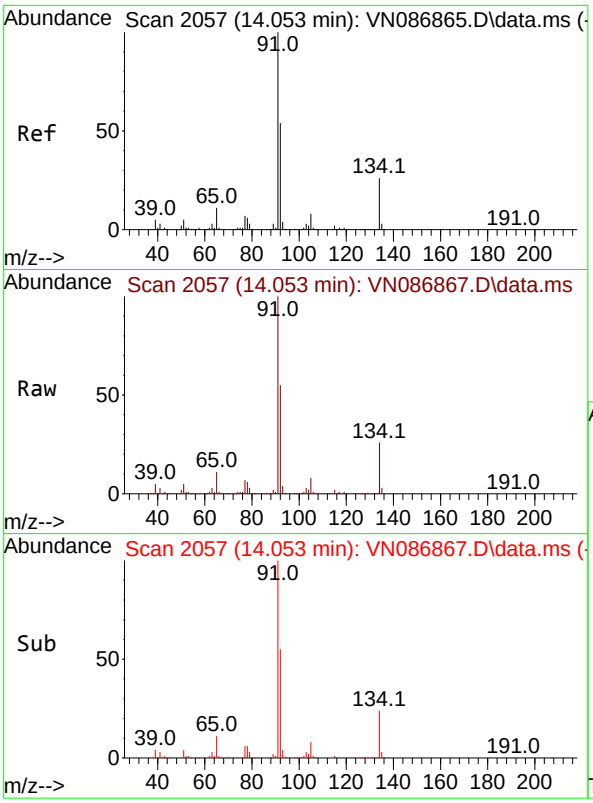


#88
1,4-Dichlorobenzene
Concen: 141.124 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:146 Resp: 646188

Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	63.2	31.8	95.4



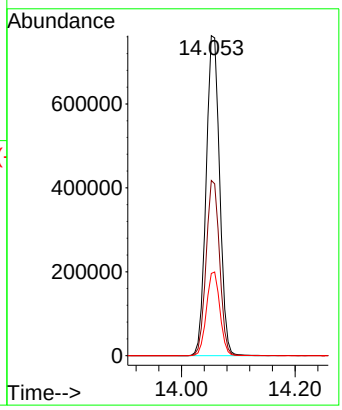


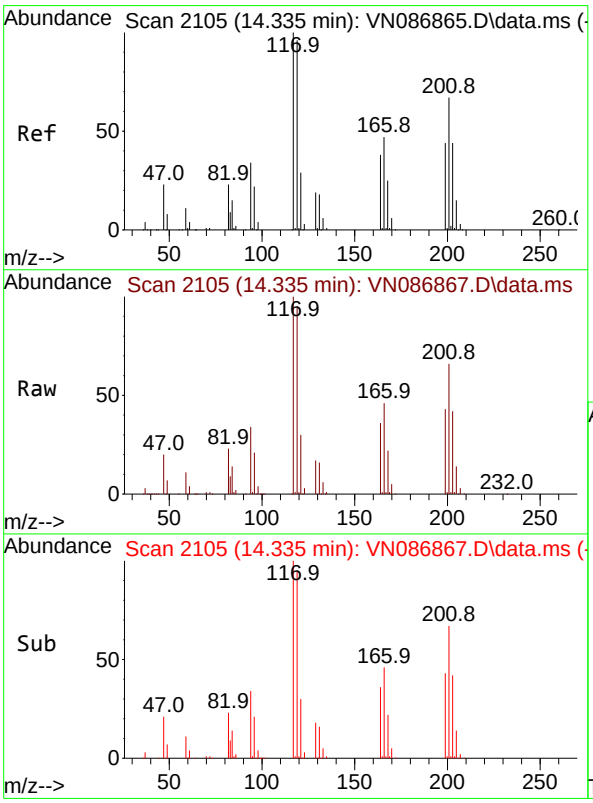
#89
n-Butylbenzene
Concen: 143.117 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1251819

Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.5	82.4
134	26.1	13.0	39.0

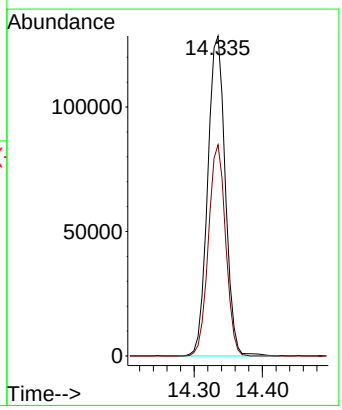


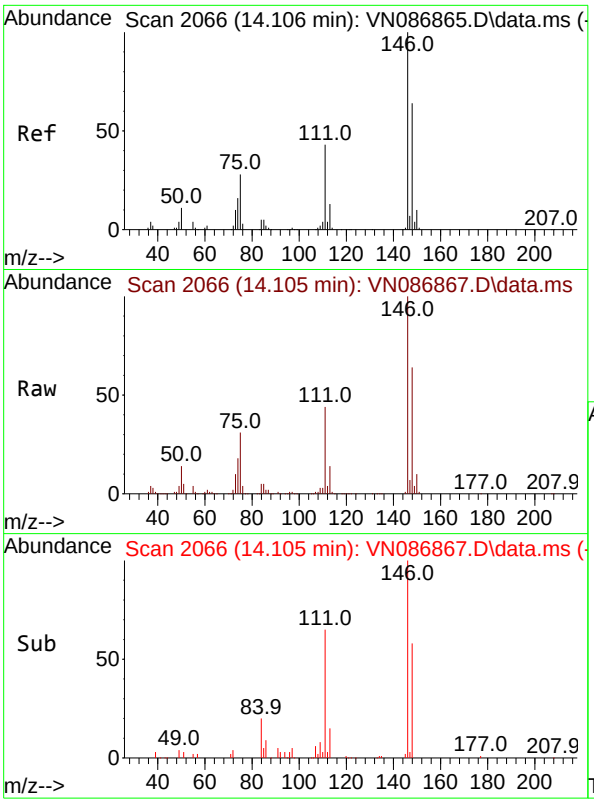


#90
Hexachloroethane
Concen: 150.387 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:117 Resp: 230195

Ion	Ratio	Lower	Upper
117	100		
201	64.5	33.2	99.6



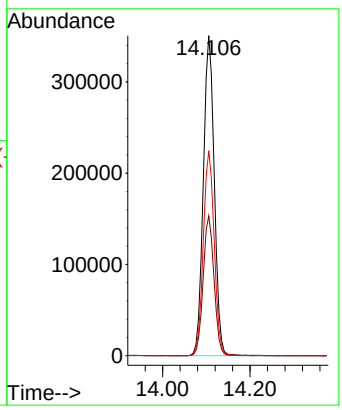


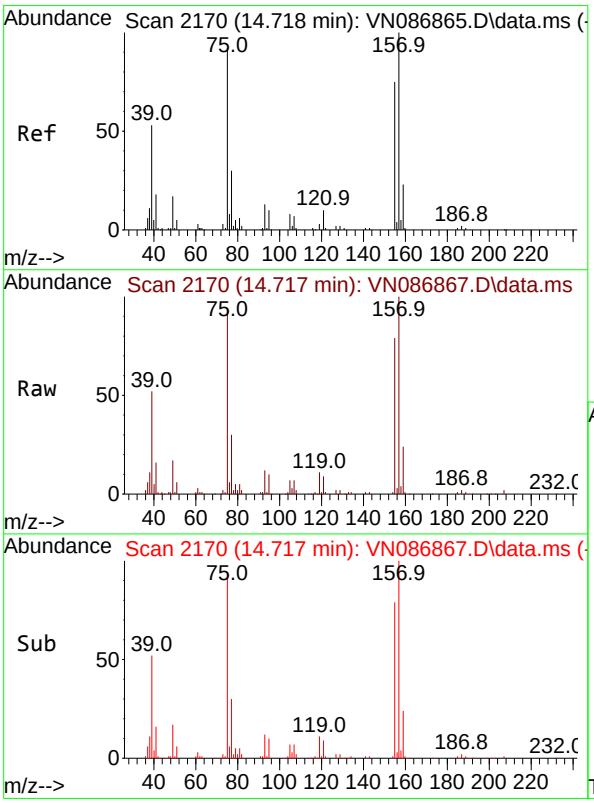
#91
1,2-Dichlorobenzene
Concen: 142.108 ug/l
RT: 14.105 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 613177

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.6	64.6
148	63.8	31.7	95.1

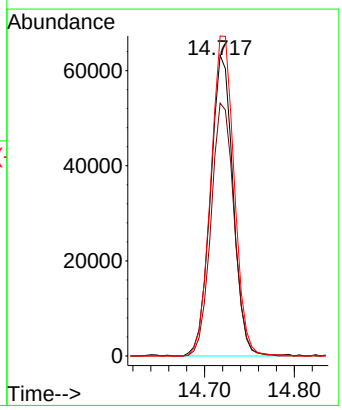


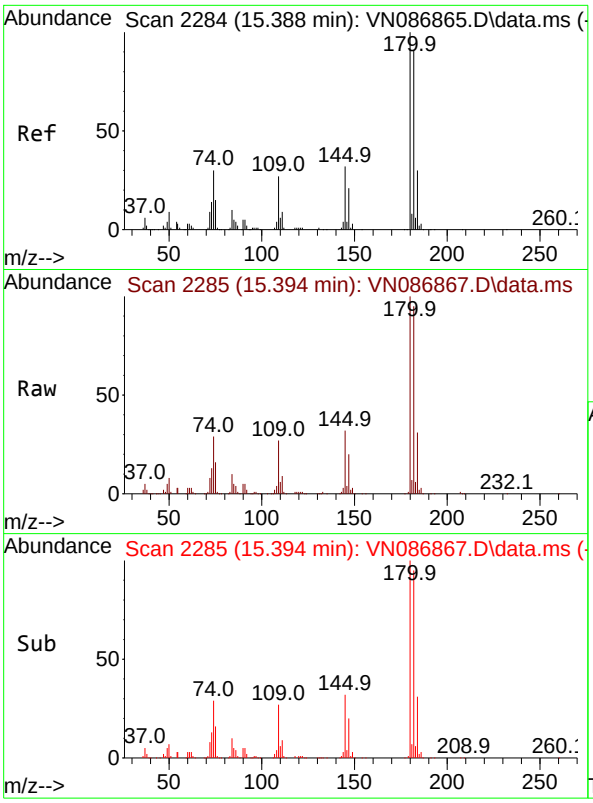


#92
1,2-Dibromo-3-Chloropropane
Concen: 137.242 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion: 75 Resp: 110677

Ion	Ratio	Lower	Upper
75	100		
155	85.5	41.1	123.4
157	110.2	52.7	158.1



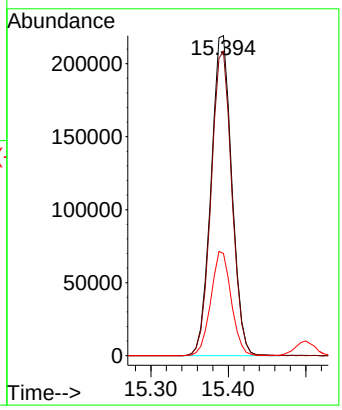


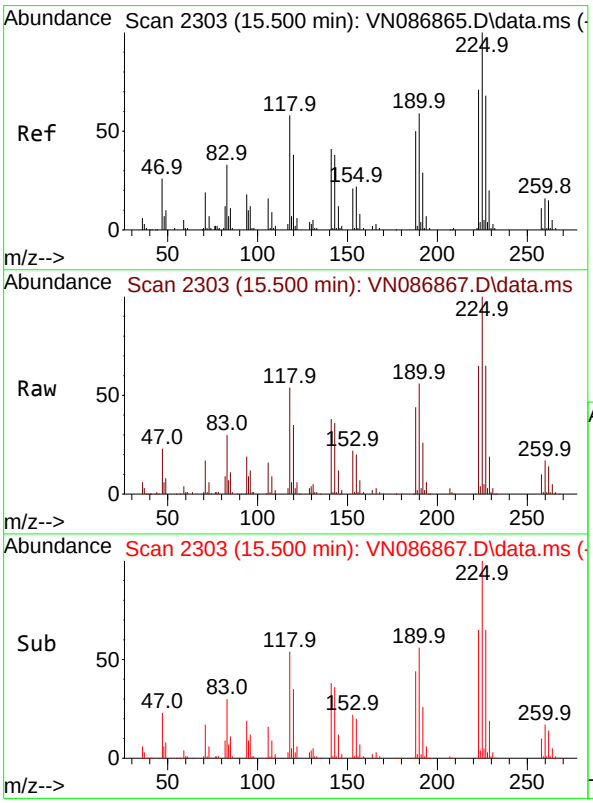
#93
1,2,4-Trichlorobenzene
Concen: 147.940 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 407621

Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.7
145	32.0	16.0	47.9

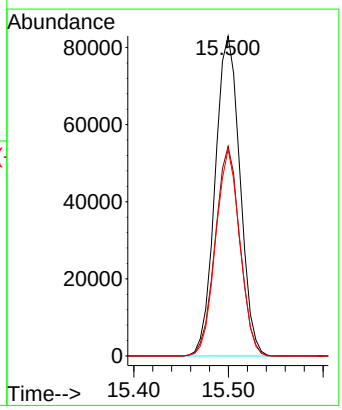


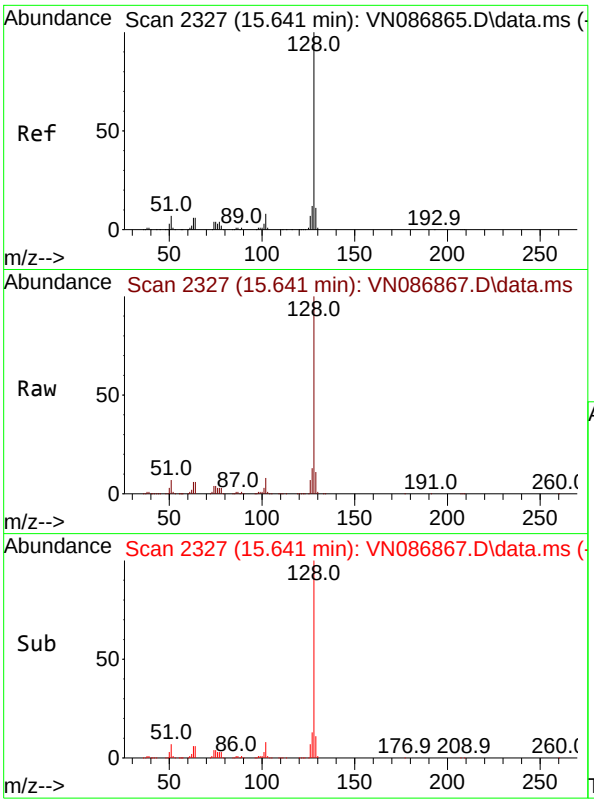


#94
Hexachlorobutadiene
Concen: 147.264 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:225 Resp: 151172

Ion	Ratio	Lower	Upper
225	100		
223	64.8	33.5	100.4
227	63.0	31.1	93.5



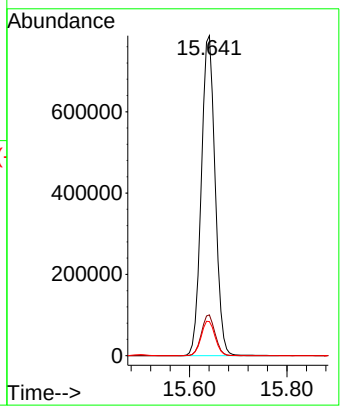


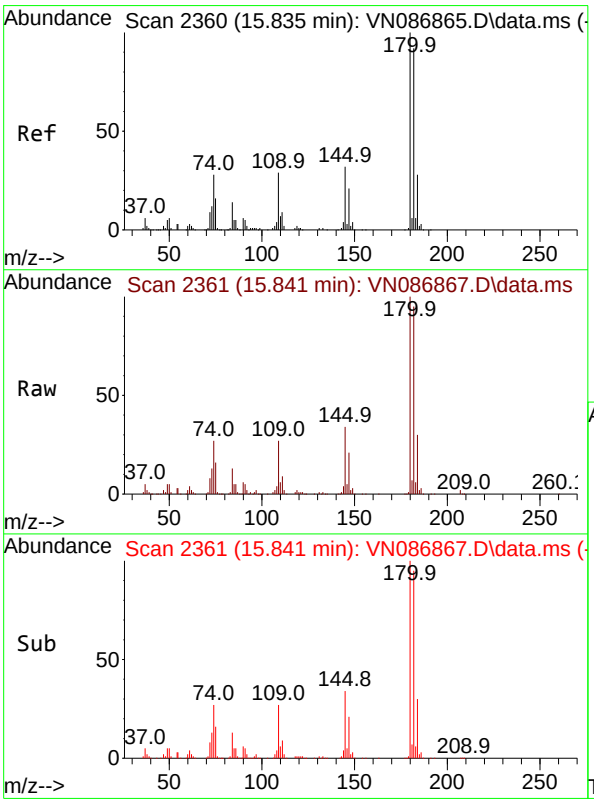
#95
Naphthalene
Concen: 150.743 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 1545981

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.8	13.2

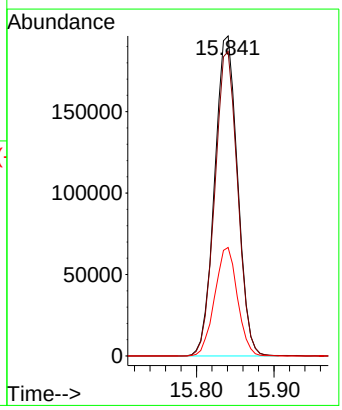




#96
1,2,3-Trichlorobenzene
Concen: 147.743 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086867.D
Acq: 06 Jun 2025 14:49

Tgt Ion:180 Resp: 404450

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.0	141.0
145	33.6	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	218122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	394140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	348935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	152255	52.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.260%			
35) Dibromofluoromethane	8.177	113	127102	54.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.840%			
50) Toluene-d8	10.571	98	491265	53.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.260%			
62) 4-Bromofluorobenzene	12.847	95	185792	54.081	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	120237	55.286	ug/l	99
3) Chloromethane	2.401	50	139027	49.505	ug/l	99
4) Vinyl Chloride	2.554	62	151951	52.451	ug/l	99
5) Bromomethane	2.989	94	89638	55.292	ug/l	95
6) Chloroethane	3.154	64	95654	51.117	ug/l	96
7) Trichlorofluoromethane	3.524	101	196138	51.819	ug/l	97
8) Diethyl Ether	3.983	74	87405	53.001	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.395	101	127498	53.615	ug/l	99
10) Methyl Iodide	4.612	142	164080	53.227	ug/l	97
11) Tert butyl alcohol	5.542	59	207768	262.193	ug/l	99
12) 1,1-Dichloroethene	4.359	96	125461	51.678	ug/l	99
13) Acrolein	4.195	56	60336	240.545	ug/l	98
14) Allyl chloride	5.042	41	203344	50.504	ug/l	98
15) Acrylonitrile	5.736	53	479502	258.885	ug/l	100
16) Acetone	4.448	43	382146	246.750	ug/l	98
17) Carbon Disulfide	4.736	76	339466	50.550	ug/l	100
18) Methyl Acetate	5.042	43	234290	51.912	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	454641	51.720	ug/l	100
20) Methylene Chloride	5.295	84	143862	49.617	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	133535	49.437	ug/l	99
22) Diisopropyl ether	6.689	45	440080	51.853	ug/l	99
23) Vinyl Acetate	6.618	43	1828919	255.055	ug/l	99
24) 1,1-Dichloroethane	6.589	63	251473	51.487	ug/l	98
25) 2-Butanone	7.494	43	644194	255.897	ug/l	99
26) 2,2-Dichloropropane	7.500	77	216678	57.031	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	164985	51.073	ug/l	99
28) Bromochloromethane	7.824	49	108810	45.310	ug/l	99
29) Tetrahydrofuran	7.847	42	420891	256.656	ug/l	100
30) Chloroform	7.977	83	248429	50.933	ug/l	97
31) Cyclohexane	8.265	56	237836	50.212	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	209927	50.603	ug/l	97
36) 1,1-Dichloropropene	8.377	75	181414	52.123	ug/l	99
37) Ethyl Acetate	7.571	43	222090	50.125	ug/l	99
38) Carbon Tetrachloride	8.371	117	179281	52.466	ug/l	98
39) Methylcyclohexane	9.606	83	251231	52.686	ug/l	98
40) Benzene	8.612	78	579667	50.931	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	130903	52.607	ug/l		100
42) 1,2-Dichloroethane	8.677	62	177746	51.489	ug/l		100
43) Isopropyl Acetate	8.694	43	359378	50.536	ug/l		100
44) Trichloroethene	9.359	130	139763	51.788	ug/l		100
45) 1,2-Dichloropropane	9.624	63	142463	51.450	ug/l		99
46) Dibromomethane	9.712	93	97199	52.849	ug/l		98
47) Bromodichloromethane	9.894	83	196104	51.824	ug/l		100
48) Methyl methacrylate	9.688	41	168001	51.328	ug/l		98
49) 1,4-Dioxane	9.706	88	66102	1110.123	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.447	43	1146622	267.835	ug/l		99
52) Toluene	10.635	92	361963	52.040	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	224839	53.137	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	237774	52.519	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	137998	51.562	ug/l		99
56) Ethyl methacrylate	10.882	69	241649	56.688	ug/l		98
57) 1,3-Dichloropropane	11.165	76	238572	51.386	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	625479	246.006	ug/l		100
59) 2-Hexanone	11.200	43	781717	283.478	ug/l		100
60) Dibromochloromethane	11.359	129	146749	52.627	ug/l		99
61) 1,2-Dibromoethane	11.471	107	142338	51.887	ug/l		99
64) Tetrachloroethene	11.106	164	111409	50.450	ug/l		98
65) Chlorobenzene	11.894	112	391661	50.892	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	129045	52.164	ug/l		99
67) Ethyl Benzene	11.965	91	683879	51.590	ug/l		98
68) m/p-Xylenes	12.071	106	527293	103.912	ug/l		98
69) o-Xylene	12.400	106	254600	52.387	ug/l		100
70) Styrene	12.412	104	438751	52.758	ug/l		99
71) Bromoform	12.582	173	100357	54.751	ug/l	#	99
73) Isopropylbenzene	12.694	105	652045	51.823	ug/l		100
74) N-amyl acetate	12.506	43	238355	54.212	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.941	83	220643	51.763	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	302004	73.563	ug/l		69
77) Bromobenzene	12.982	156	150950	52.313	ug/l		100
78) n-propylbenzene	13.035	91	801180	52.397	ug/l		100
79) 2-Chlorotoluene	13.123	91	473629	51.650	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	548347	52.787	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	99341	55.702	ug/l		97
82) 4-Chlorotoluene	13.223	91	481403	51.884	ug/l		99
83) tert-Butylbenzene	13.441	119	499519	52.532	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	552333	53.024	ug/l		100
85) sec-Butylbenzene	13.618	105	723986	52.428	ug/l		100
86) p-Isopropyltoluene	13.729	119	606979	53.174	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	290810	51.224	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	298412	51.557	ug/l		100
89) n-Butylbenzene	14.059	91	579636	52.424	ug/l		100
90) Hexachloroethane	14.335	117	102254	52.847	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	280025	51.340	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50115	49.161	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	181064	51.986	ug/l		99
94) Hexachlorobutadiene	15.500	225	68570	52.843	ug/l		99
95) Naphthalene	15.641	128	674187	52.005	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	174888	50.539	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

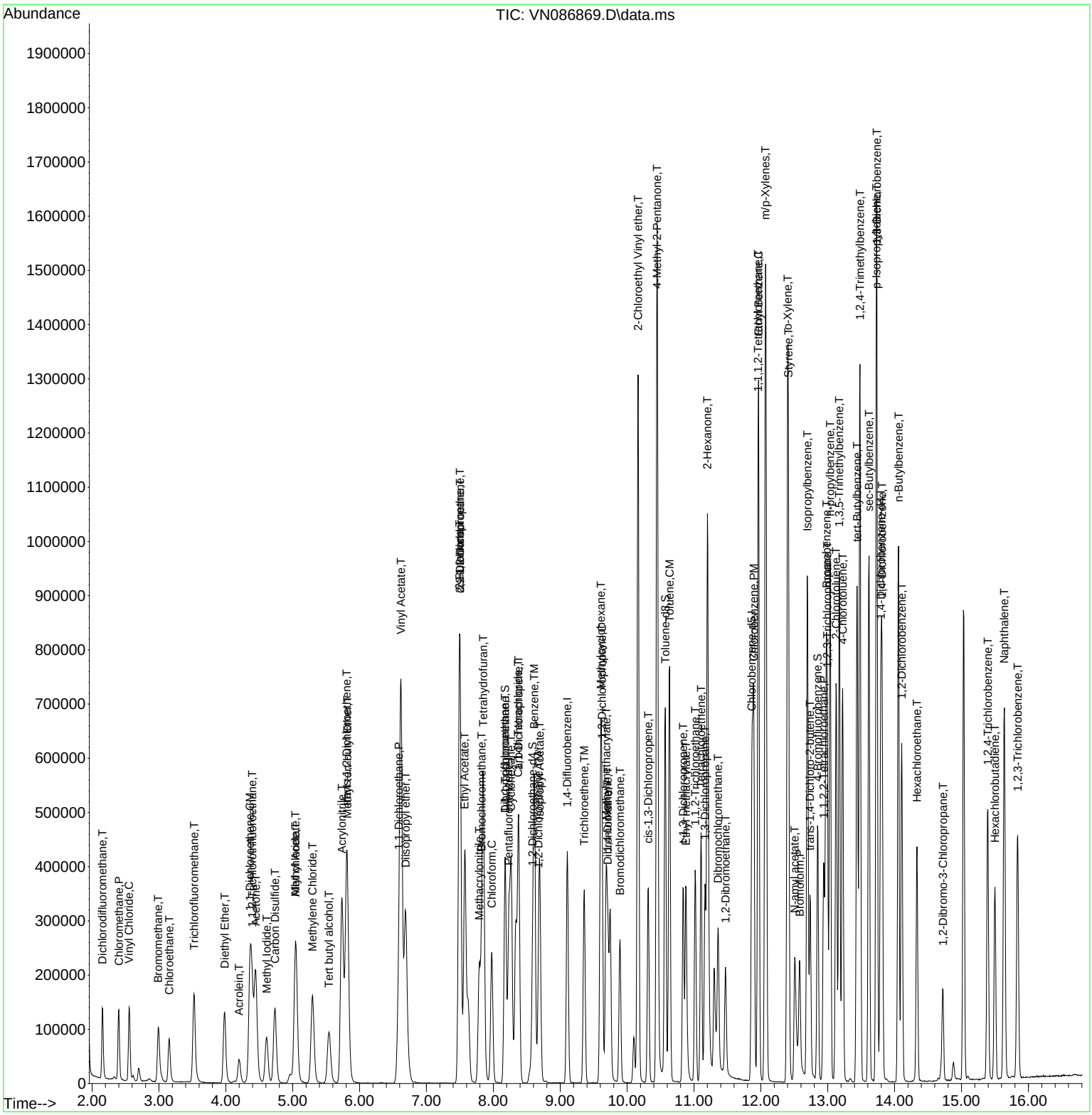
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

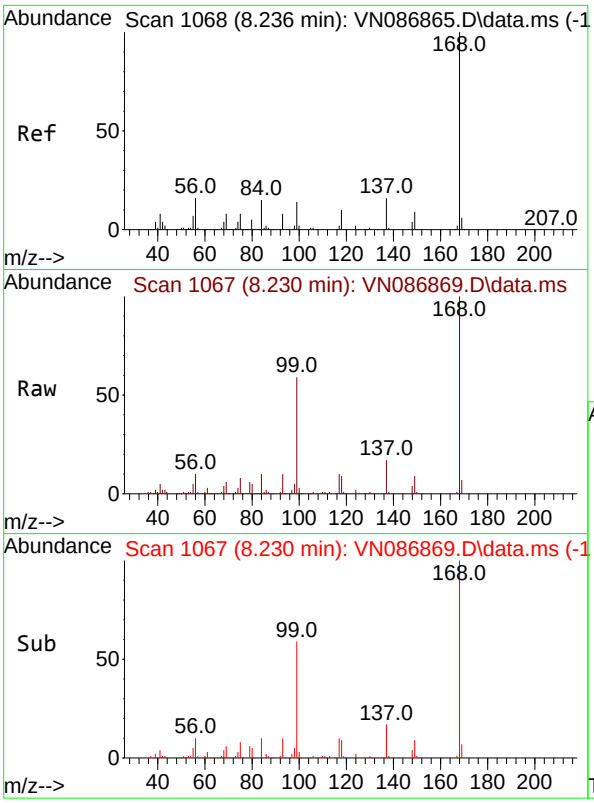
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086869.D
Acq On : 06 Jun 2025 15:54
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Quant Time: Jun 07 02:16:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



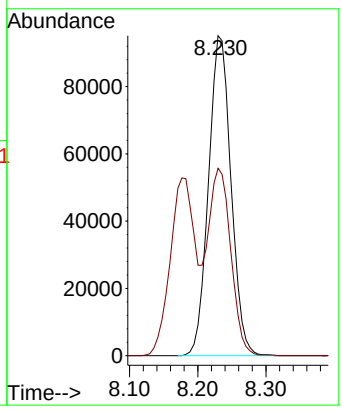


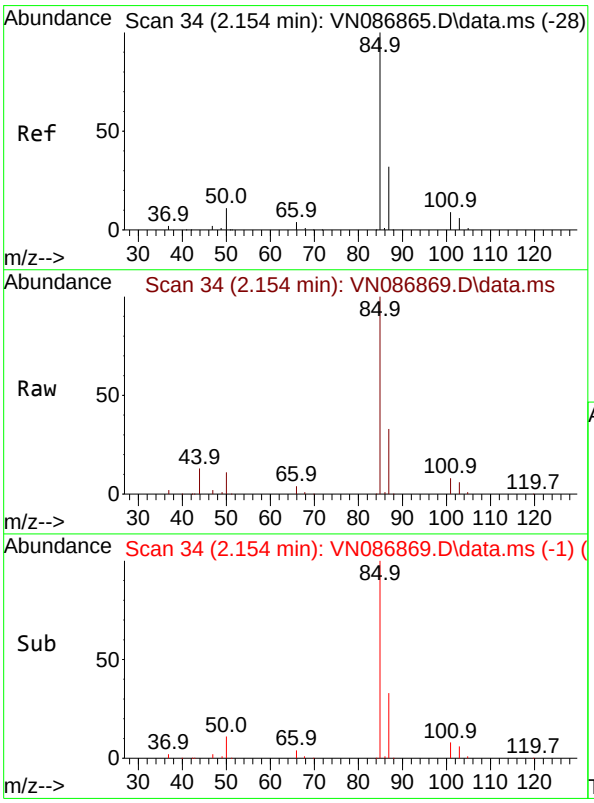
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:168 Resp: 218122

Ion	Ratio	Lower	Upper
168	100		
99	58.6	49.1	73.7

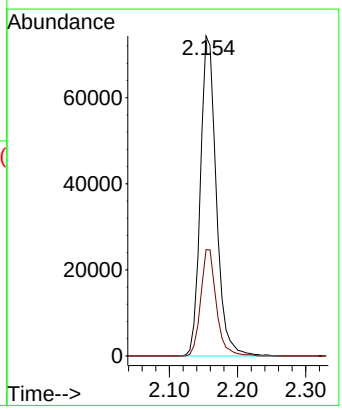


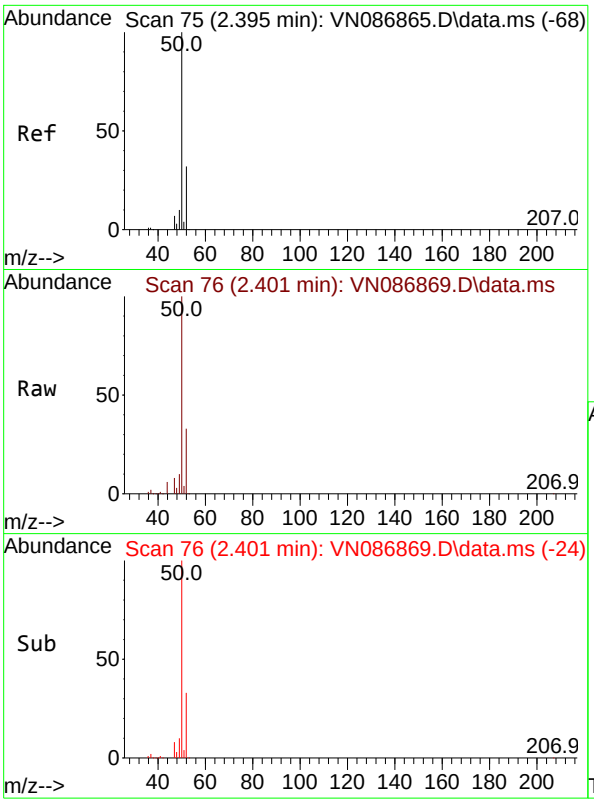


#2
Dichlorodifluoromethane
Concen: 55.286 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 85 Resp: 120237

Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.2	48.6



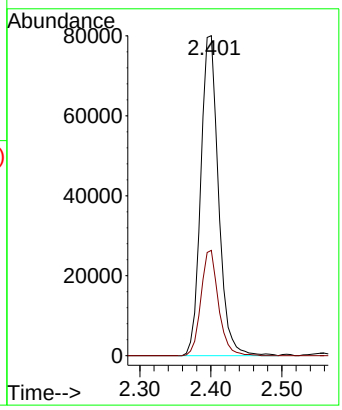


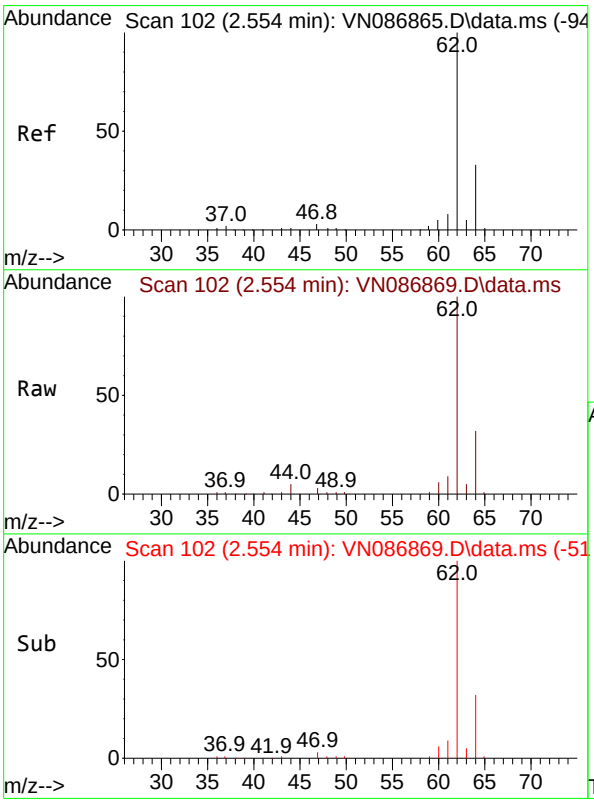
#3
Chloromethane
Concen: 49.505 ug/l
RT: 2.401 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 50 Resp: 139027

Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.7	38.5

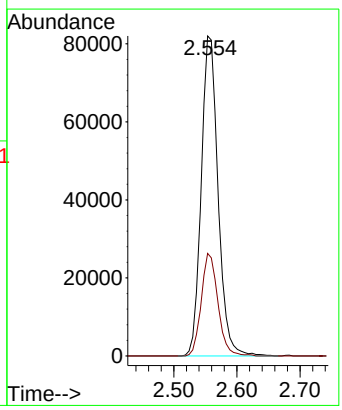


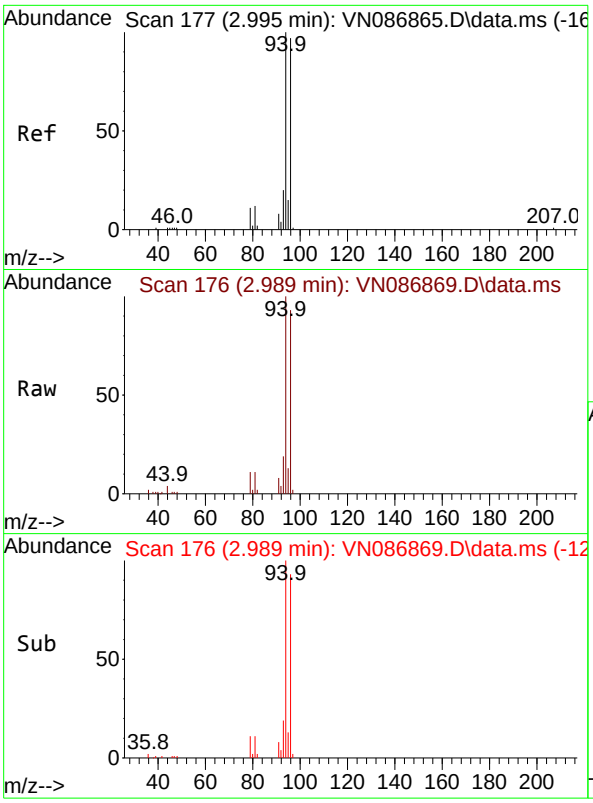


#4
Vinyl Chloride
Concen: 52.451 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 62 Resp: 151951

Ion	Ratio	Lower	Upper
62	100		
64	32.0	26.0	39.0



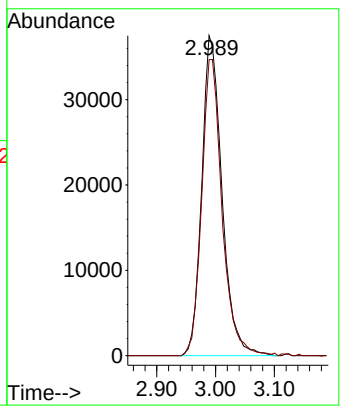


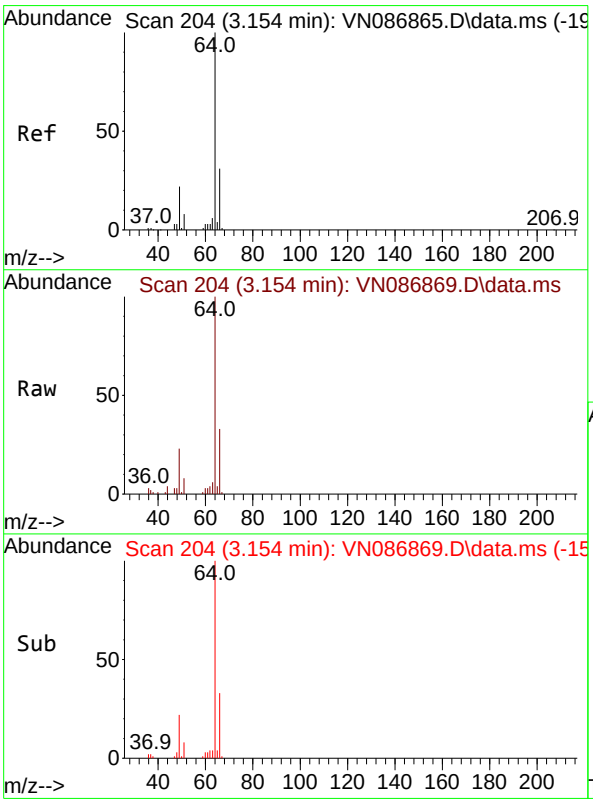
#5
Bromomethane
Concen: 55.292 ug/l
RT: 2.989 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 94 Resp: 89638

Ion	Ratio	Lower	Upper
94	100		
96	92.5	77.9	116.9

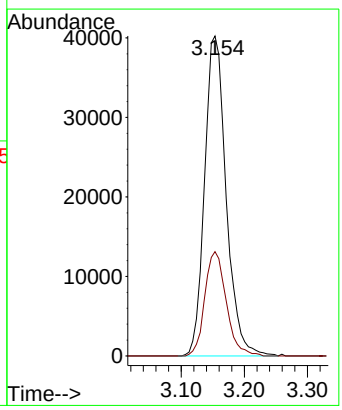


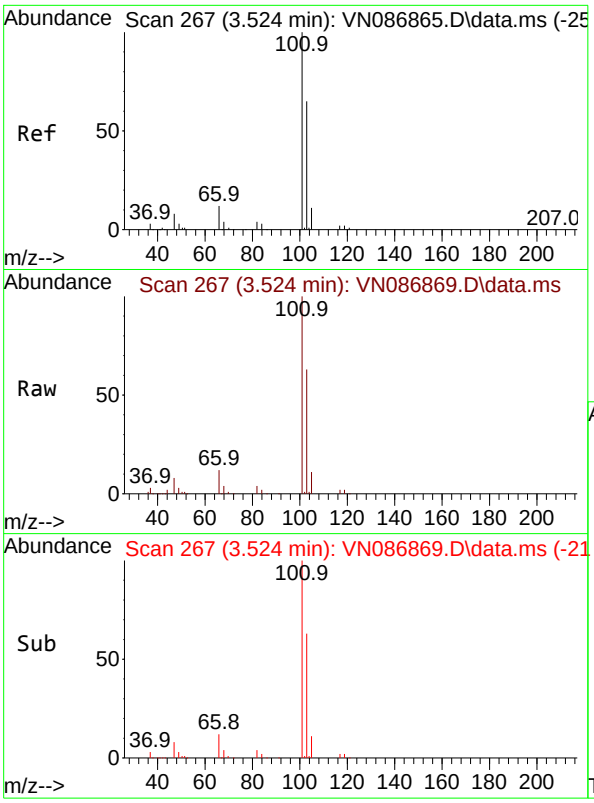


#6
Chloroethane
Concen: 51.117 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 64 Resp: 95654

Ion	Ratio	Lower	Upper
64	100		
66	32.6	24.6	36.8



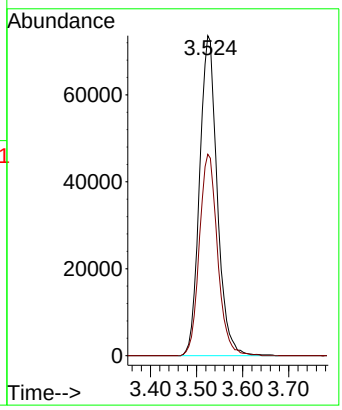


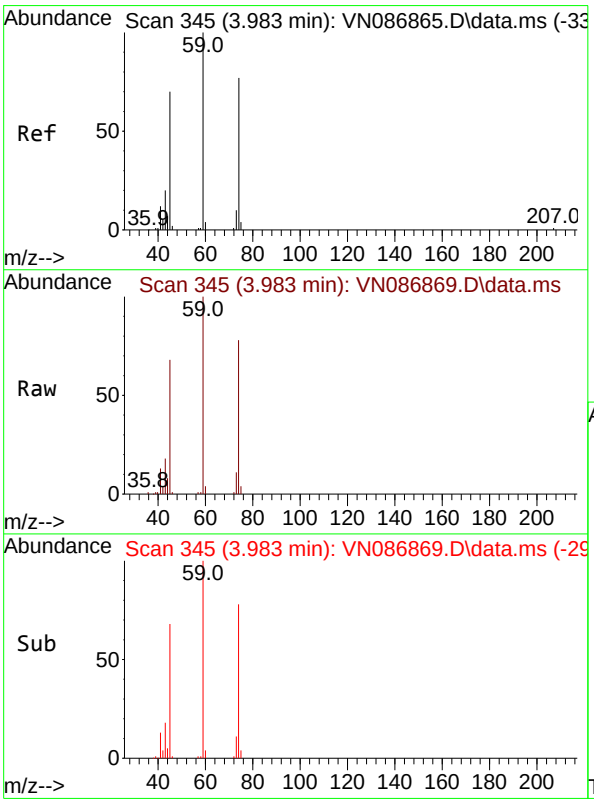
#7
Trichlorofluoromethane
Concen: 51.819 ug/l
RT: 3.524 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:101 Resp: 196138

Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.2	78.2

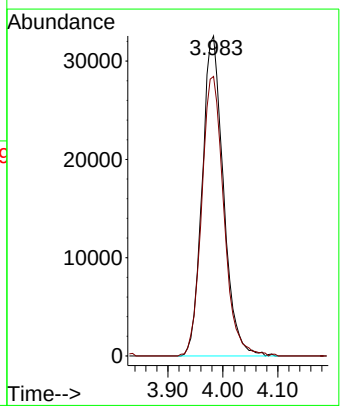


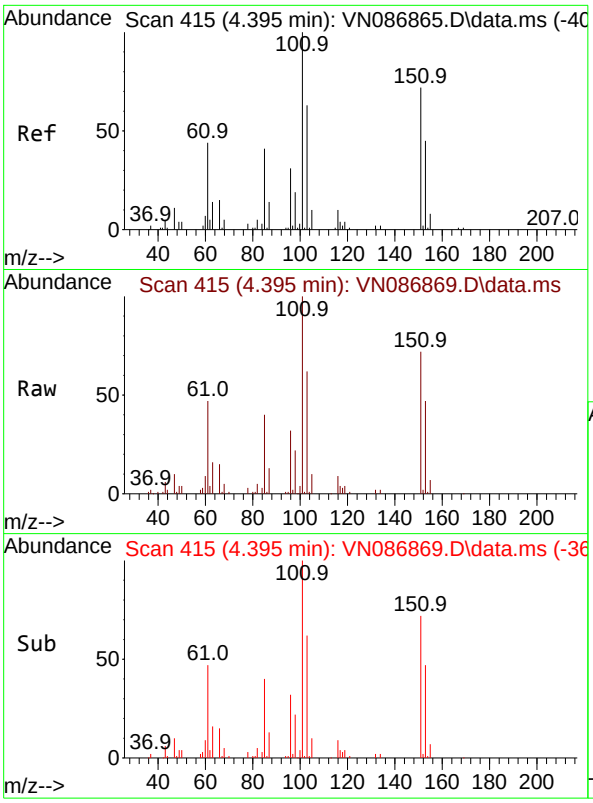


#8
Diethyl Ether
Concen: 53.001 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 74 Resp: 87405

Ion	Ratio	Lower	Upper
74	100		
45	90.9	45.5	136.5



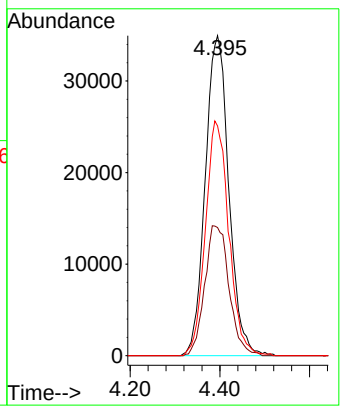


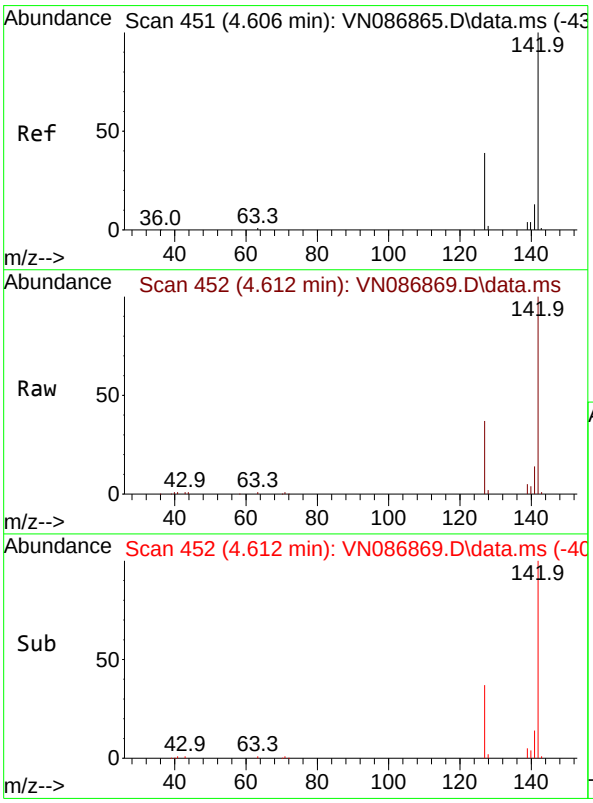
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.615 ug/l
RT: 4.395 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:101 Resp: 127498

Ion	Ratio	Lower	Upper
101	100		
85	41.9	33.8	50.8
151	72.8	58.7	88.1

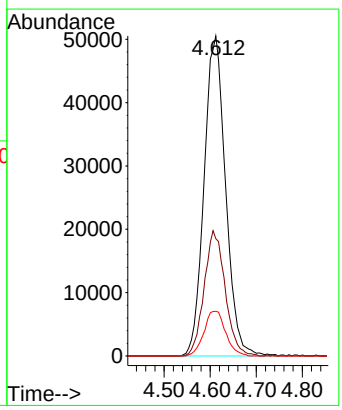


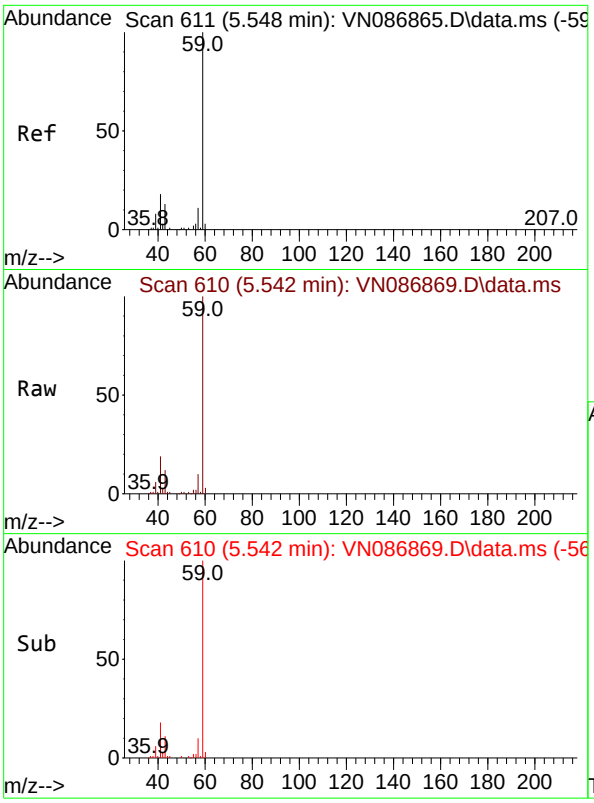


#10
Methyl Iodide
Concen: 53.227 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:142 Resp: 164080

Ion	Ratio	Lower	Upper
142	100		
127	36.6	30.9	46.3
141	14.0	10.4	15.6



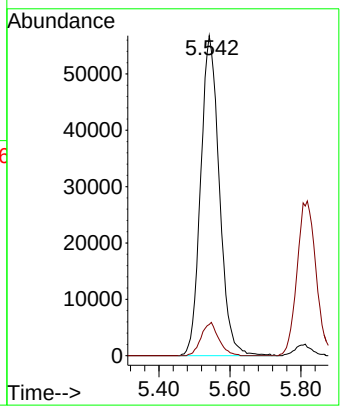


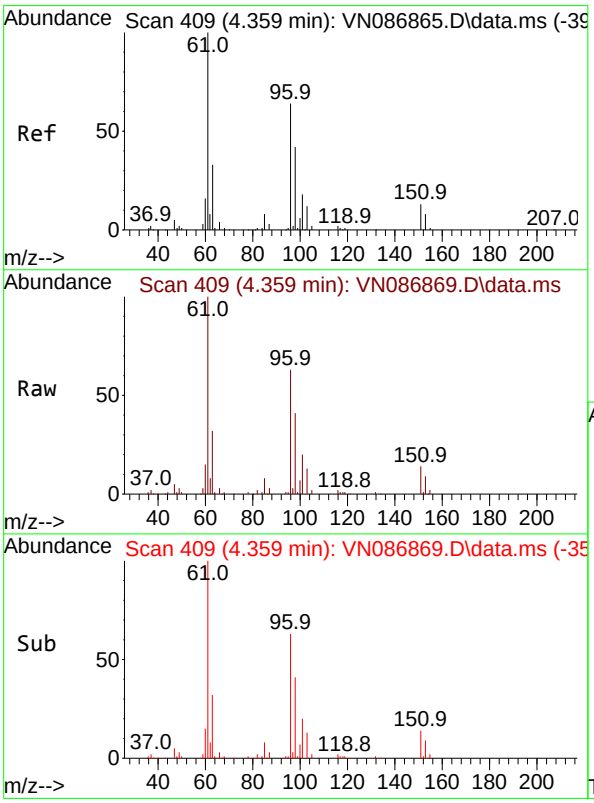
#11
Tert butyl alcohol
Concen: 262.193 ug/l
RT: 5.542 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 59 Resp: 207768

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1

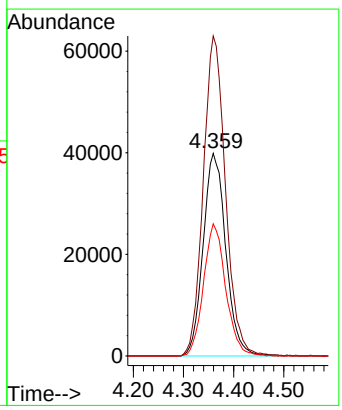


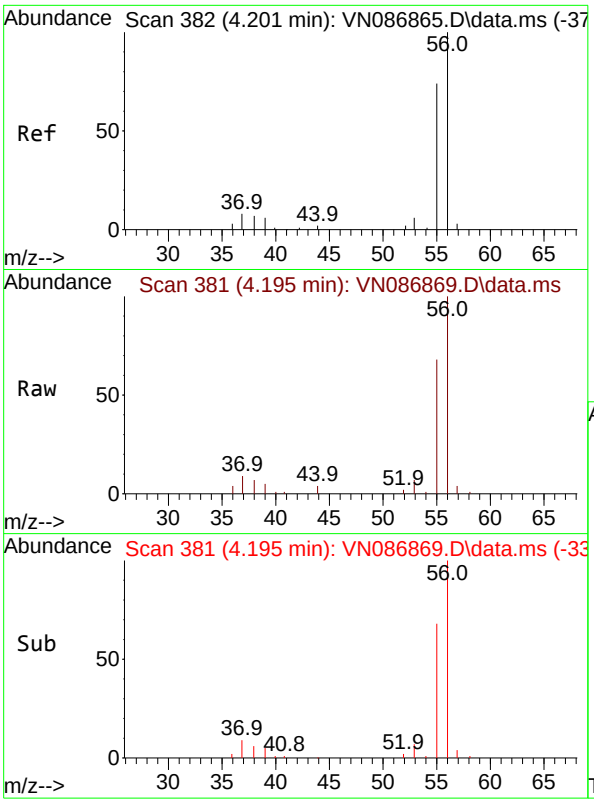


#12
1,1-Dichloroethene
Concen: 51.678 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 96 Resp: 125461

Ion	Ratio	Lower	Upper
96	100		
61	158.0	125.8	188.6
98	65.2	52.5	78.7



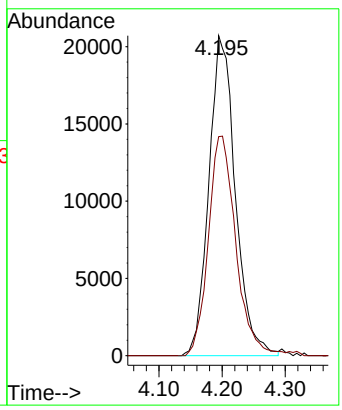


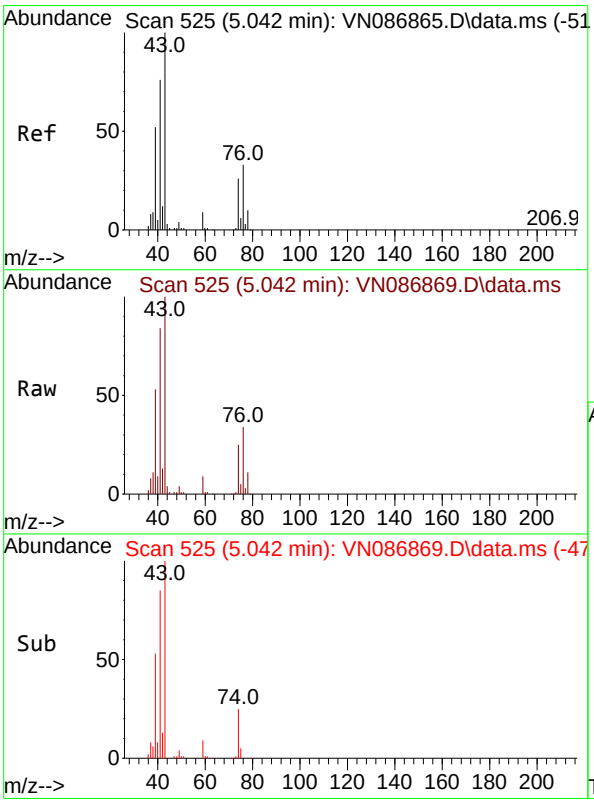
#13
Acrolein
Concen: 240.545 ug/l
RT: 4.195 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 56 Resp: 60336

Ion	Ratio	Lower	Upper
56	100		
55	71.1	55.6	83.4

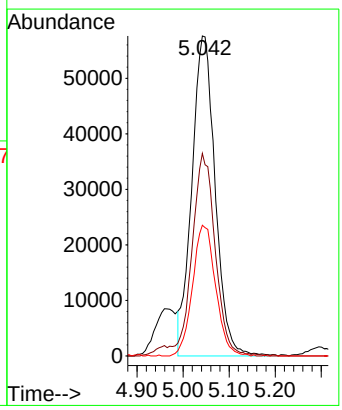


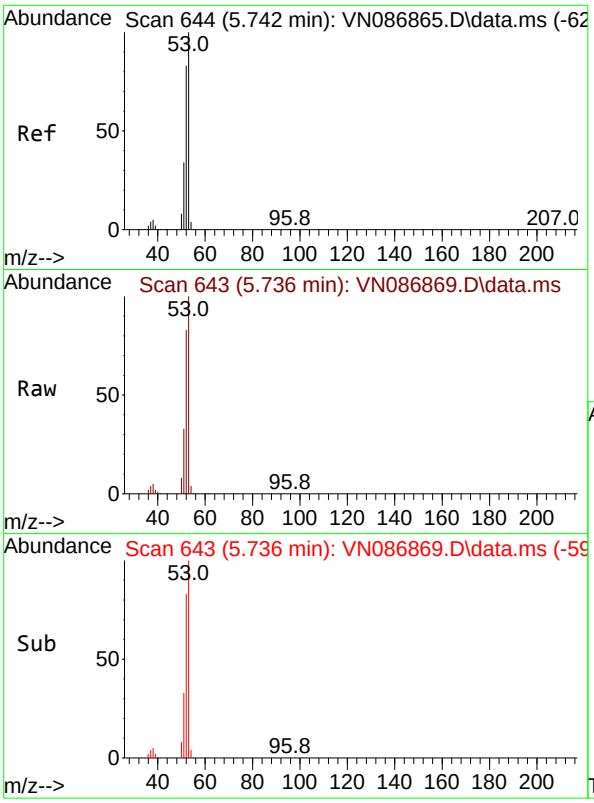


#14
Allyl chloride
Concen: 50.504 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 41 Resp: 203344

Ion	Ratio	Lower	Upper
41	100		
39	62.3	51.3	76.9
76	40.4	31.4	47.0



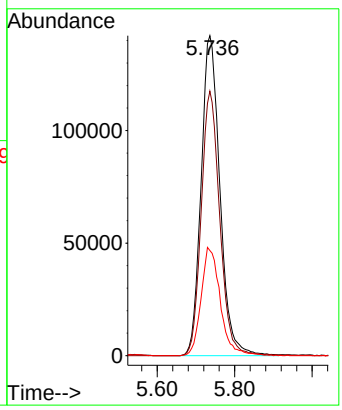


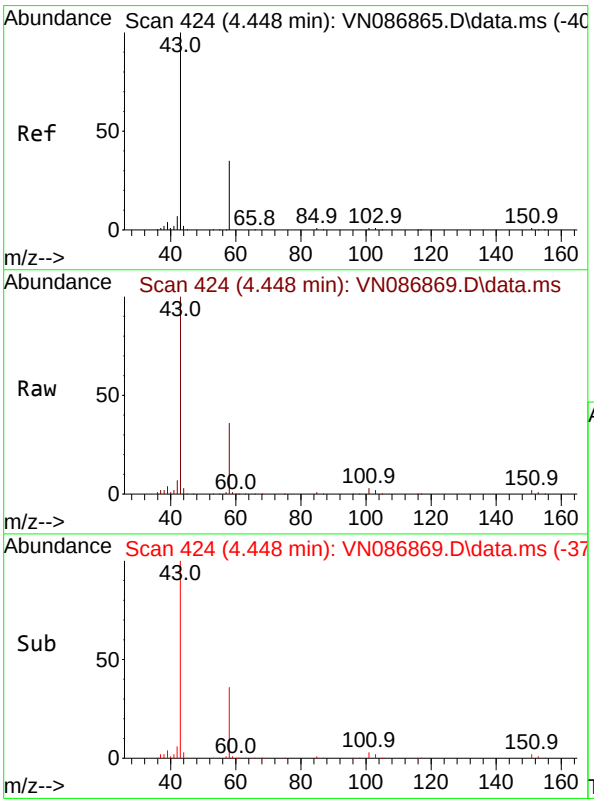
#15
Acrylonitrile
Concen: 258.885 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 53 Resp: 479502

Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.6
51	34.5	27.2	40.8

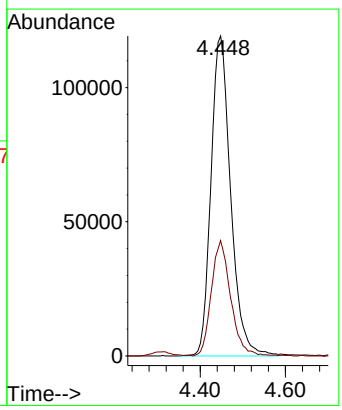


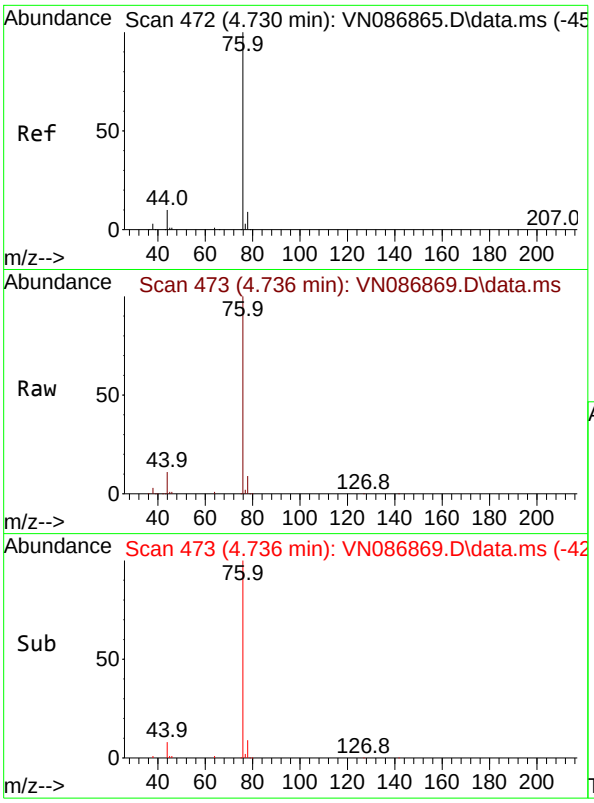


#16
Acetone
Concen: 246.750 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 382146

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.0	42.0



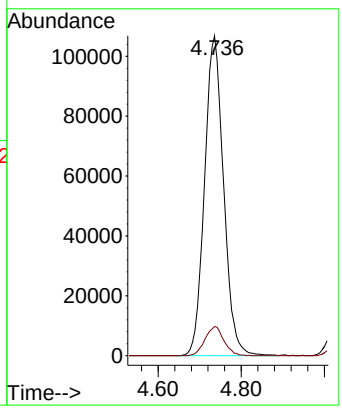


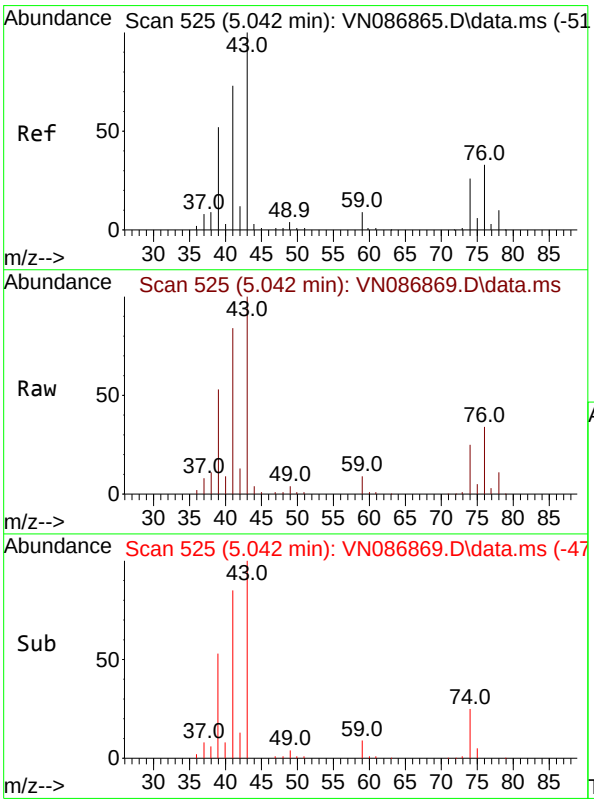
#17
Carbon Disulfide
Concen: 50.550 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 76 Resp: 339466

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

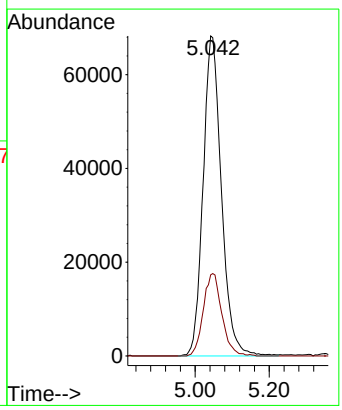


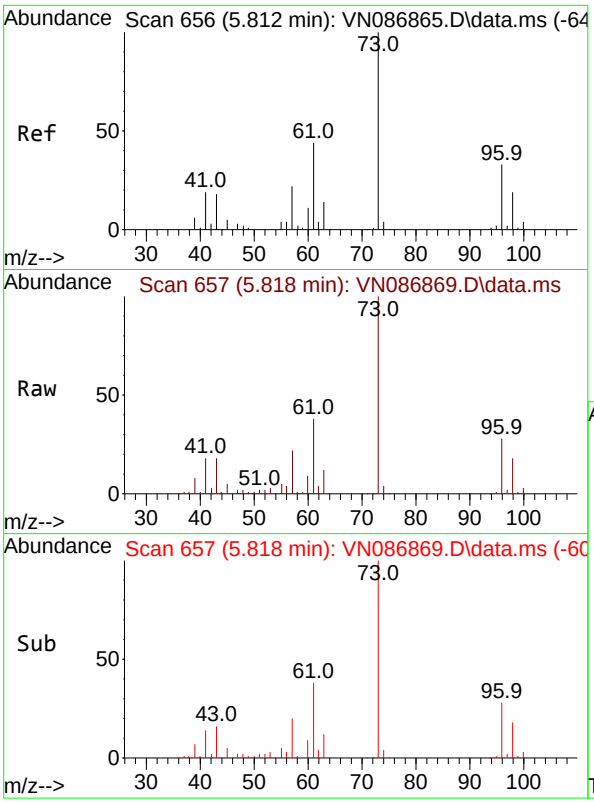


#18
Methyl Acetate
Concen: 51.912 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 234290

Ion	Ratio	Lower	Upper
43	100		
74	25.9	20.7	31.1



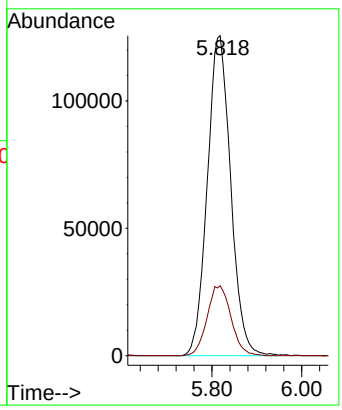


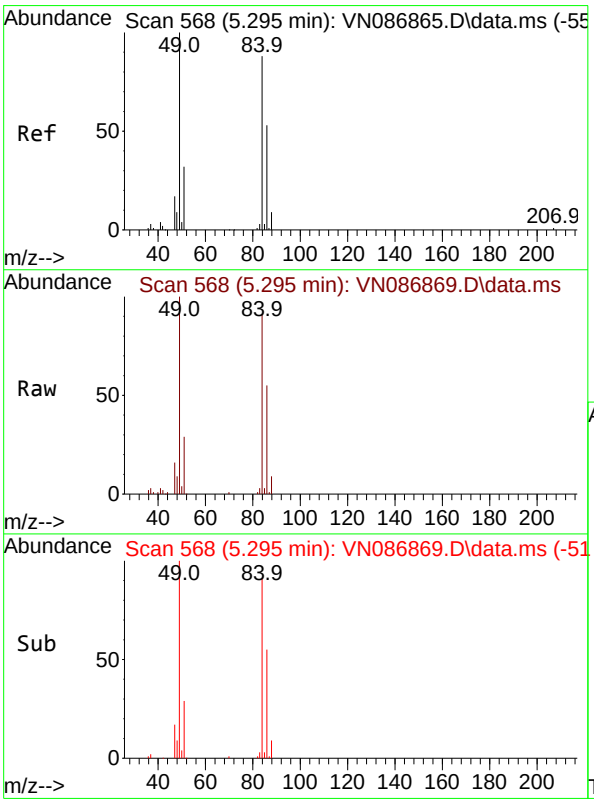
#19
Methyl tert-butyl Ether
Concen: 51.720 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 73 Resp: 454641

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2

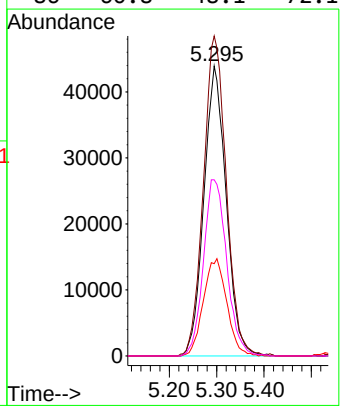


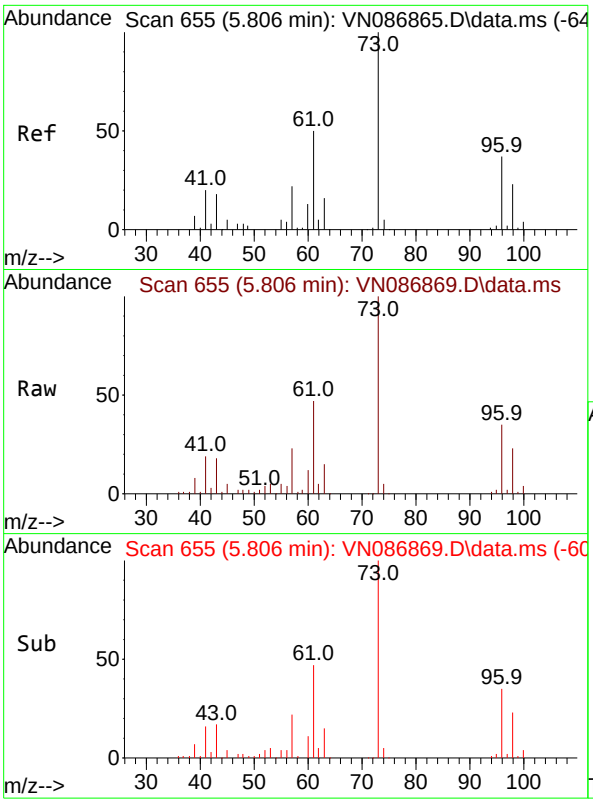


#20
Methylene Chloride
Concen: 49.617 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 84 Resp: 143862

Ion	Ratio	Lower	Upper
84	100		
49	110.3	90.5	135.7
51	31.8	28.5	42.7
86	60.8	48.1	72.1



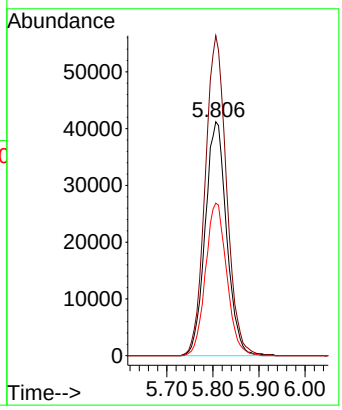


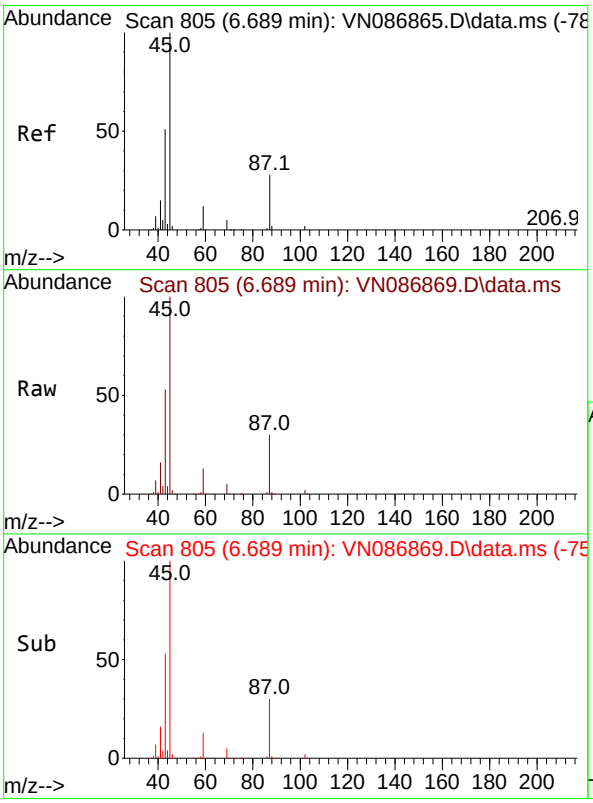
#21
trans-1,2-Dichloroethene
Concen: 49.437 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 96 Resp: 133535

Ion	Ratio	Lower	Upper
96	100		
61	136.8	109.2	163.8
98	65.2	49.8	74.8

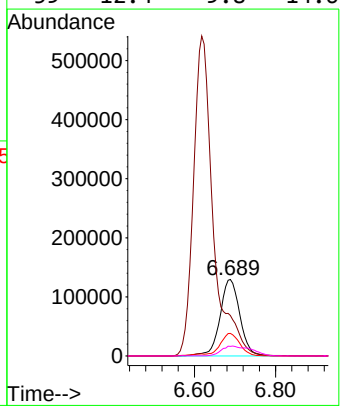


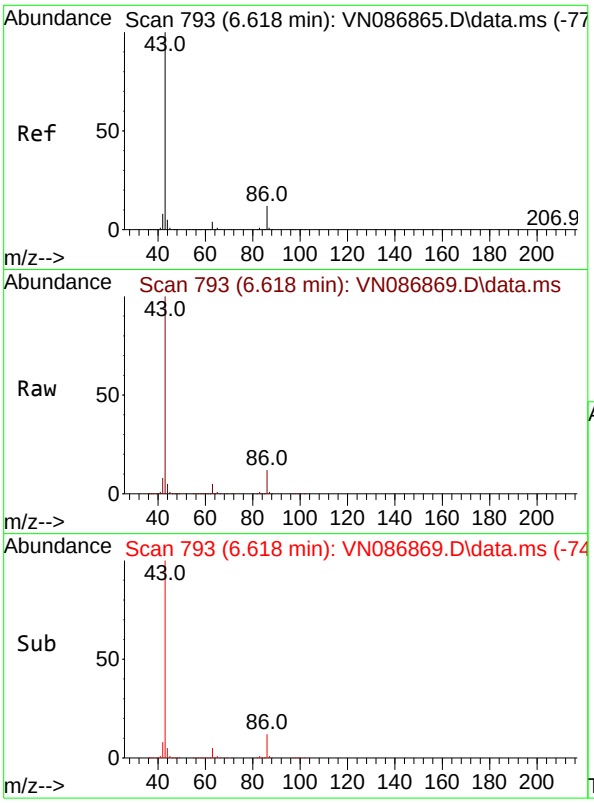


#22
Diisopropyl ether
Concen: 51.853 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 45 Resp: 440080

Ion	Ratio	Lower	Upper
45	100		
43	52.4	41.9	62.9
87	29.5	22.4	33.6
59	12.4	9.8	14.6



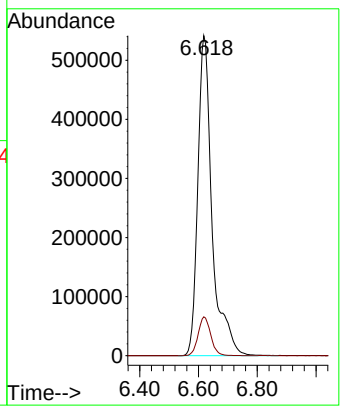


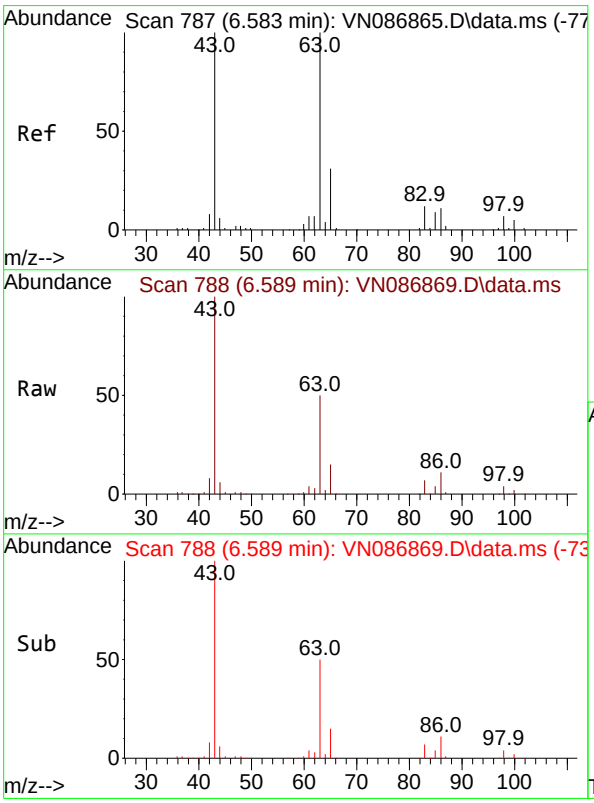
#23
Vinyl Acetate
Concen: 255.055 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 43 Resp: 1828919

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.5	14.3

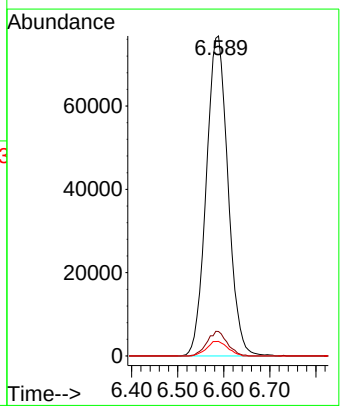


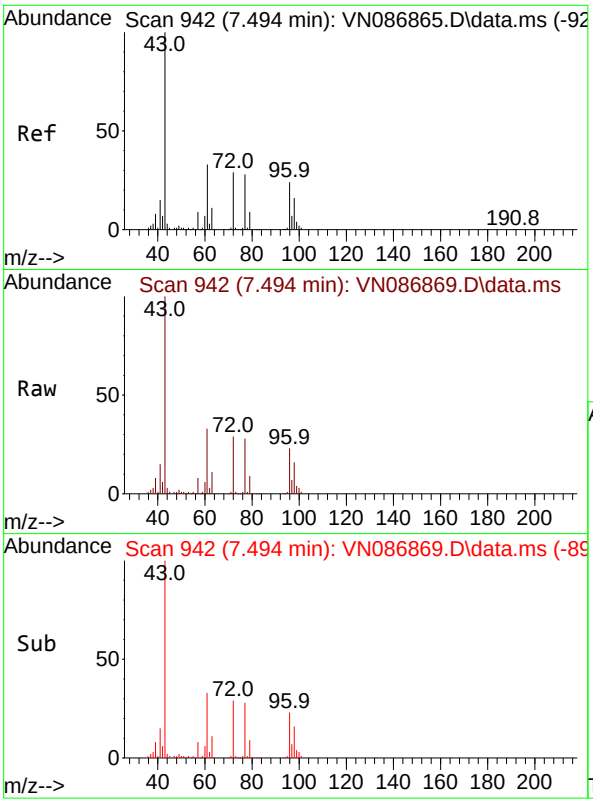


#24
1,1-Dichloroethane
Concen: 51.487 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 63 Resp: 251473

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.6	10.8
100	4.6	2.6	7.8



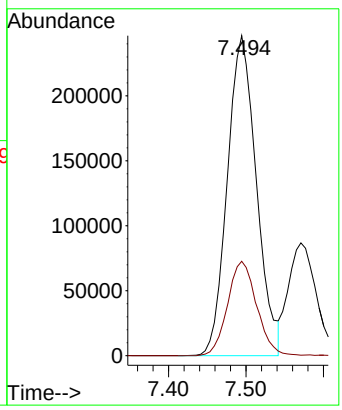


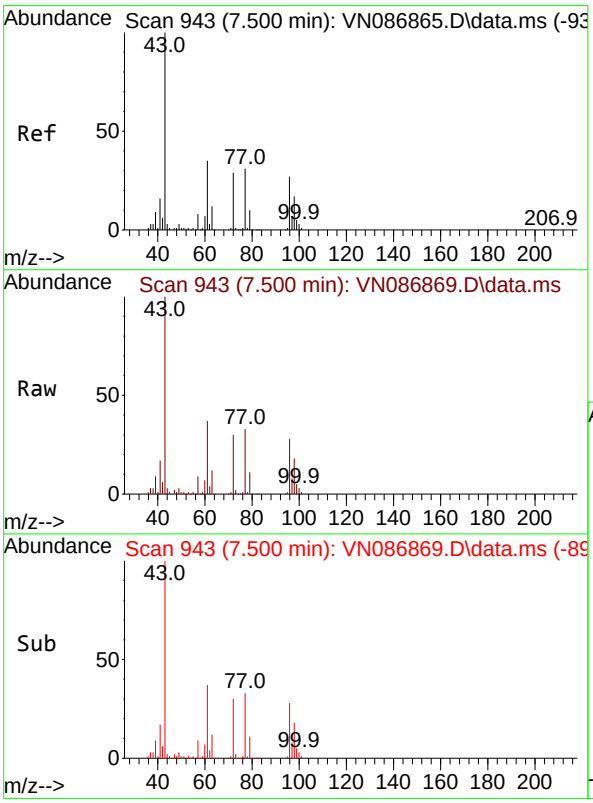
#25
2-Butanone
Concen: 255.897 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 43 Resp: 644194

Ion	Ratio	Lower	Upper
43	100		
72	29.5	23.0	34.6

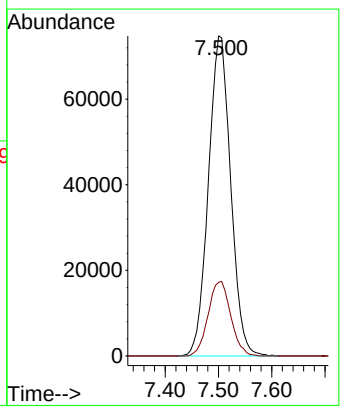


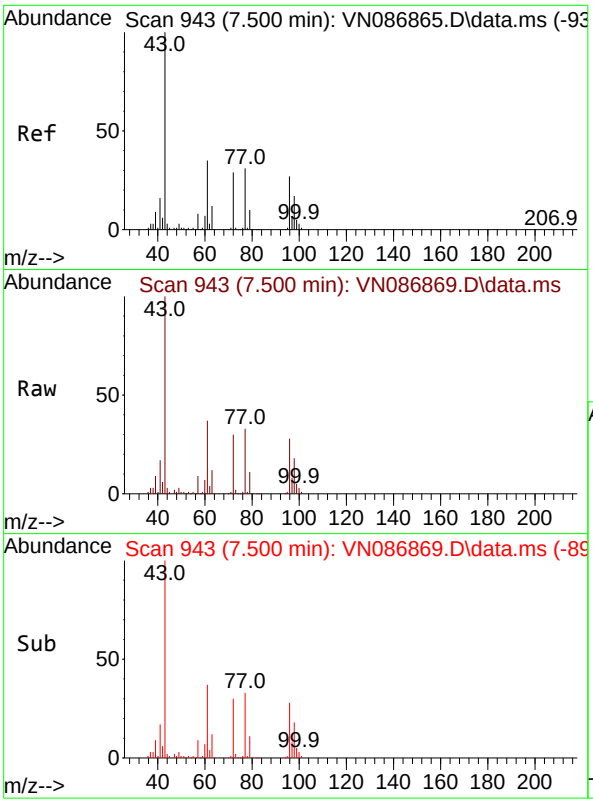


#26
2,2-Dichloropropane
Concen: 57.031 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 77 Resp: 216678

Ion	Ratio	Lower	Upper
77	100		
97	23.7	11.6	34.7



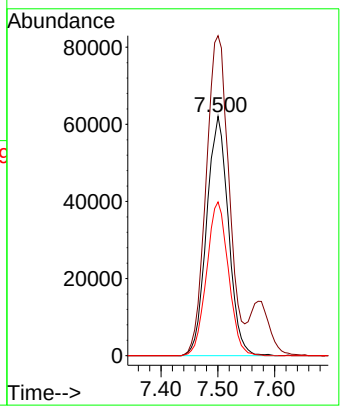


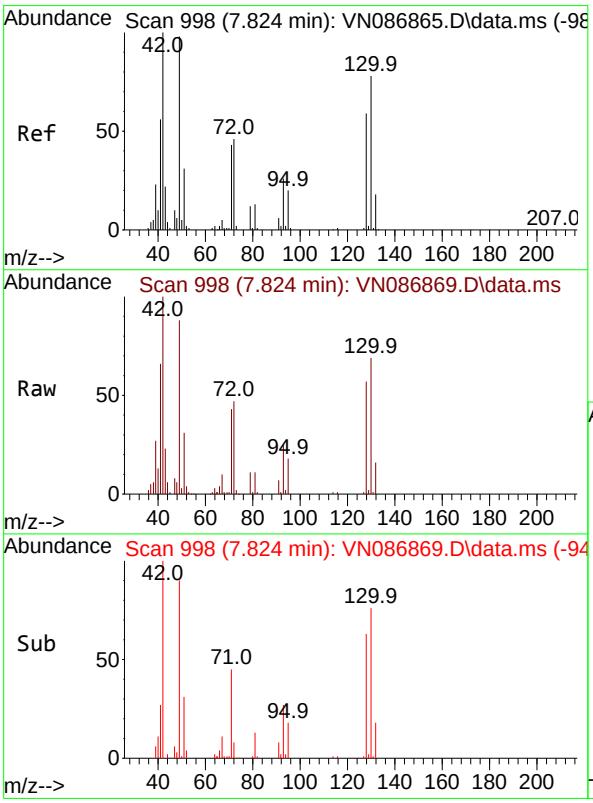
#27
cis-1,2-Dichloroethene
Concen: 51.073 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 96 Resp: 164985

Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	278.0
98	64.5	0.0	128.2

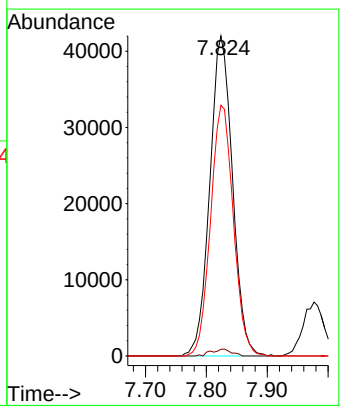


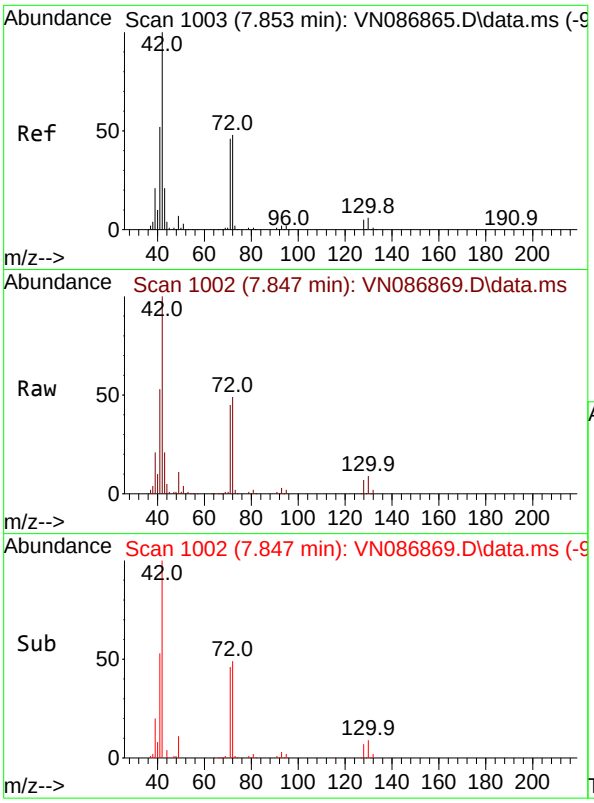


#28
Bromochloromethane
Concen: 45.310 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 49 Resp: 108810

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	78.5	62.2	93.2



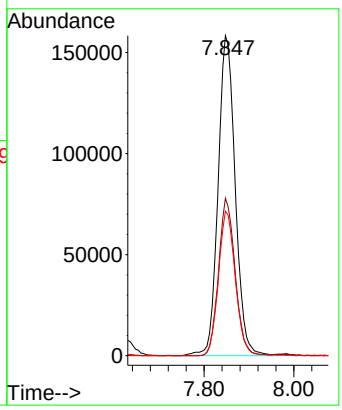


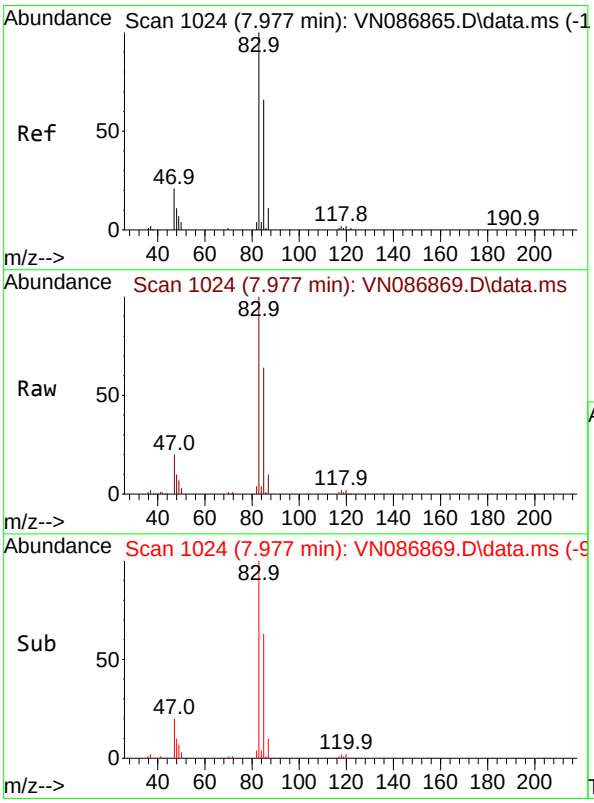
#29
Tetrahydrofuran
Concen: 256.656 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 42 Resp: 420891

Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.8	56.6
71	44.5	35.6	53.4

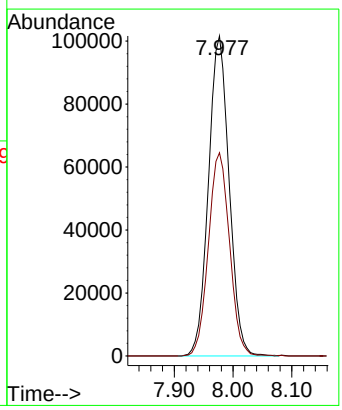


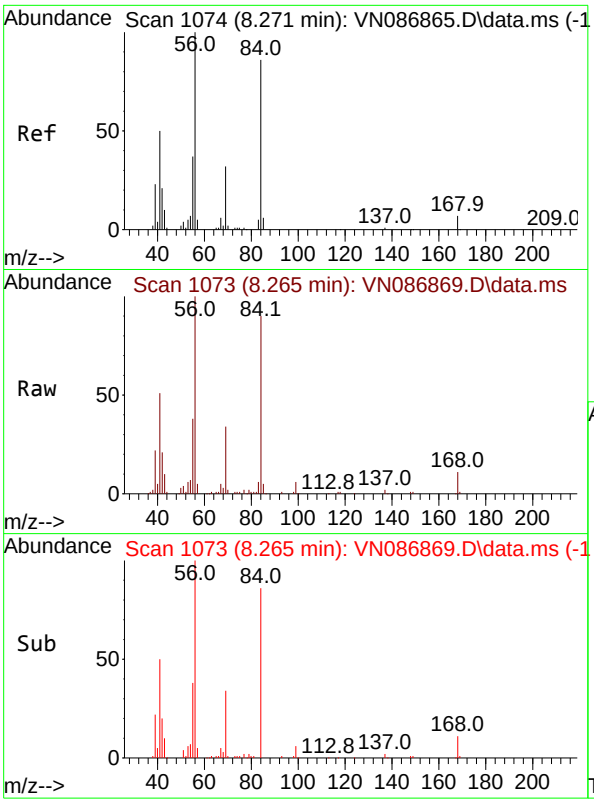


#30
Chloroform
Concen: 50.933 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 83 Resp: 248429

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.9	79.3



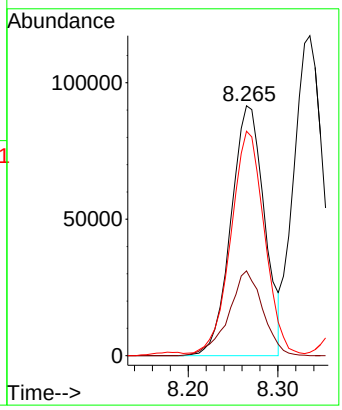


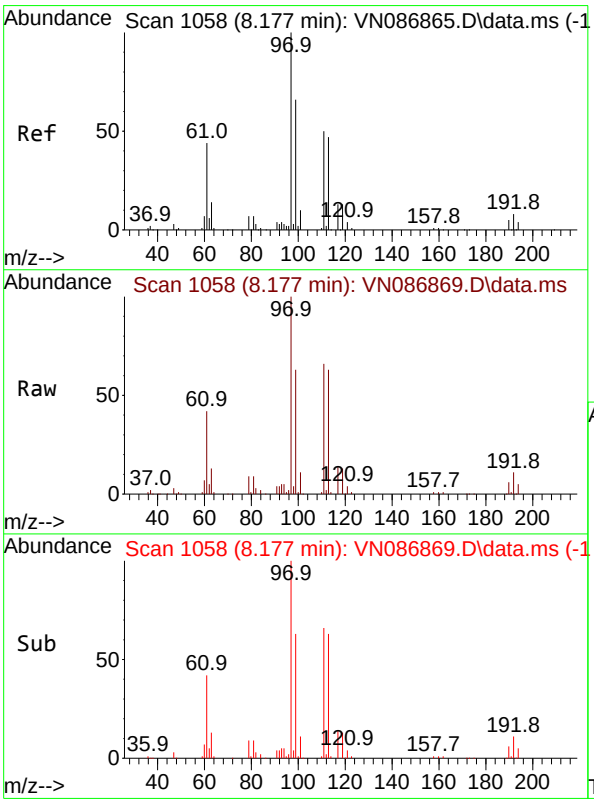
#31
Cyclohexane
Concen: 50.212 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 56 Resp: 237836

Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.4	38.0
84	88.4	68.8	103.2

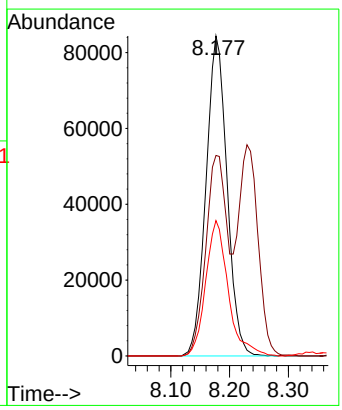


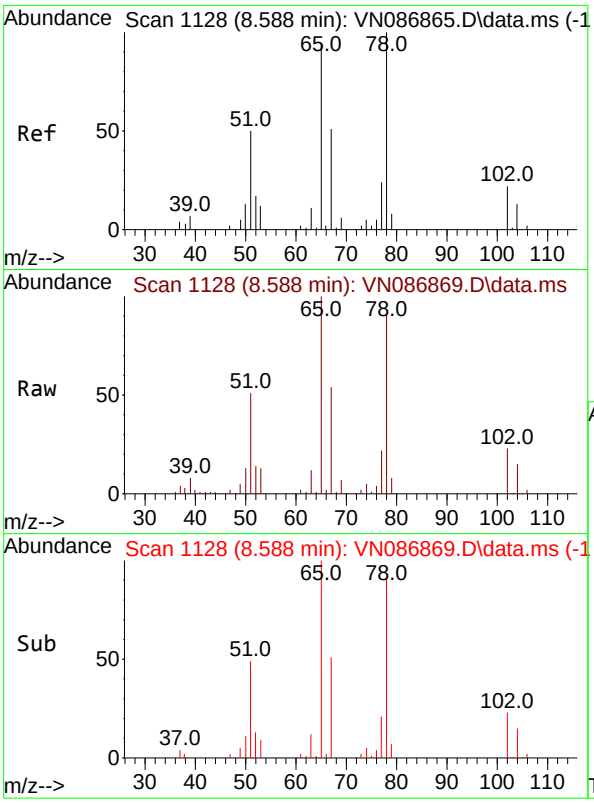


#32
1,1,1-Trichloroethane
Concen: 50.603 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 97 Resp: 209927

Ion	Ratio	Lower	Upper
97	100		
99	61.7	52.0	78.0
61	45.4	35.9	53.9



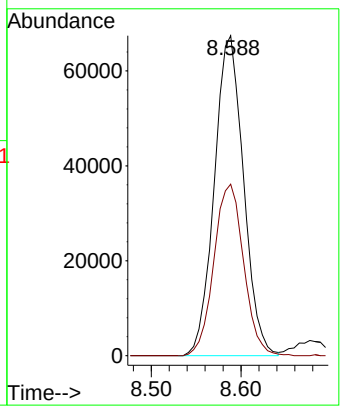


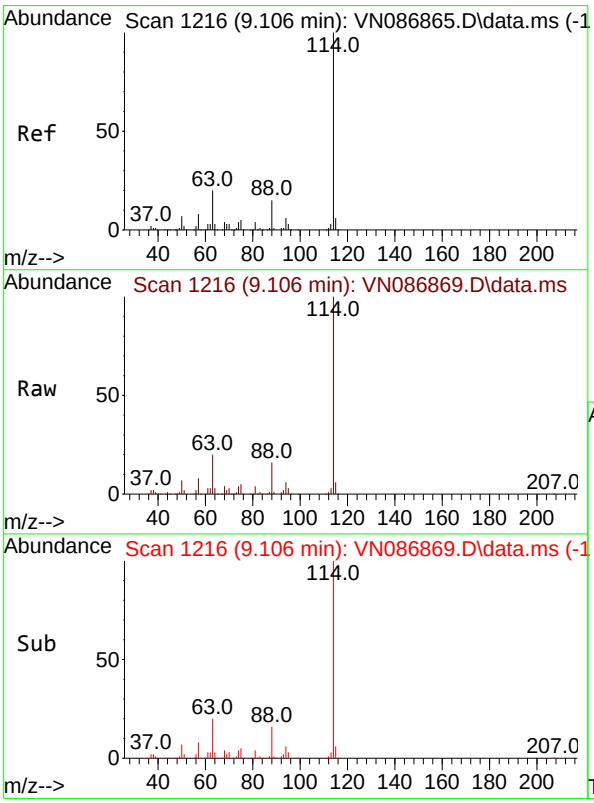
#33
1,2-Dichloroethane-d4
Concen: 52.135 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 65 Resp: 152255

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	105.6

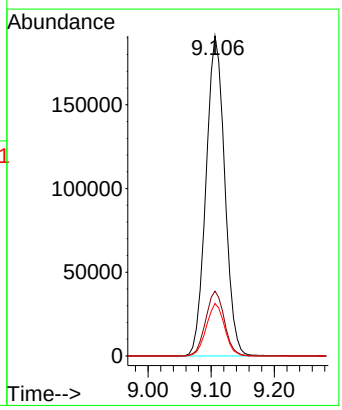


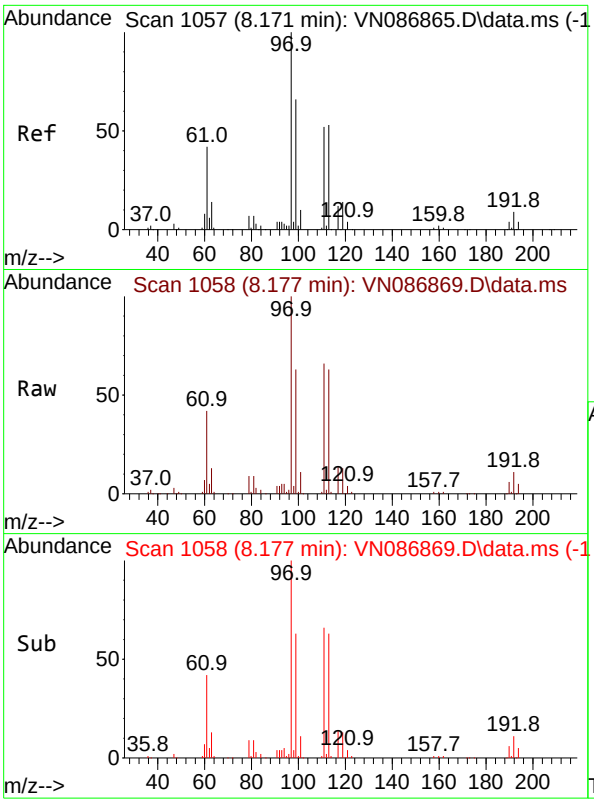


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:114 Resp: 394140

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	16.4	0.0	30.2



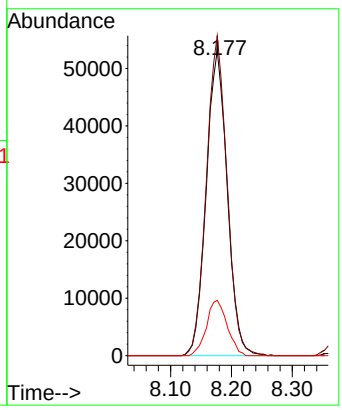


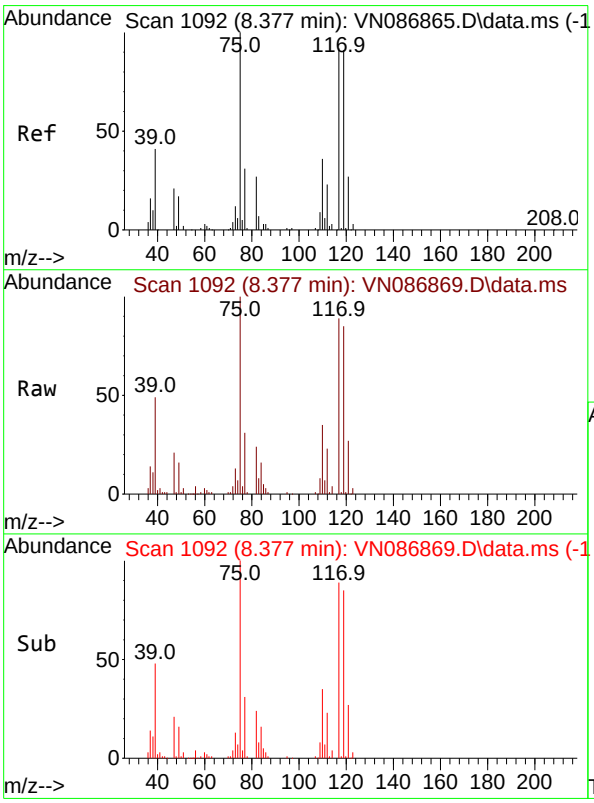
#35
Dibromofluoromethane
Concen: 54.416 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:113 Resp: 127102

Ion	Ratio	Lower	Upper
113	100		
111	103.4	84.2	126.2
192	18.0	14.2	21.4

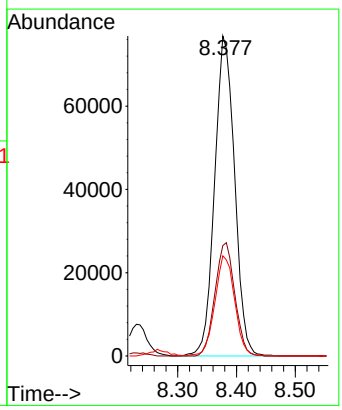


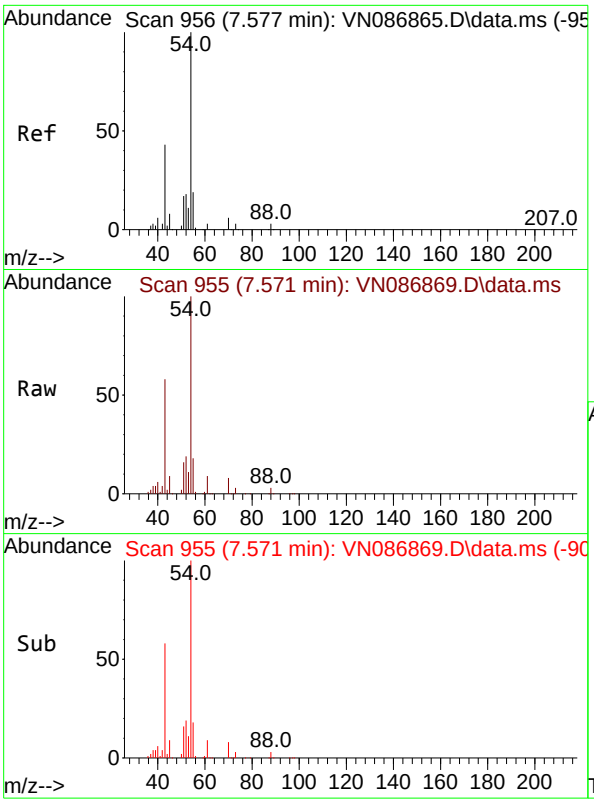


#36
1,1-Dichloropropene
Concen: 52.123 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 181414

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.6	52.9
77	31.0	25.3	37.9



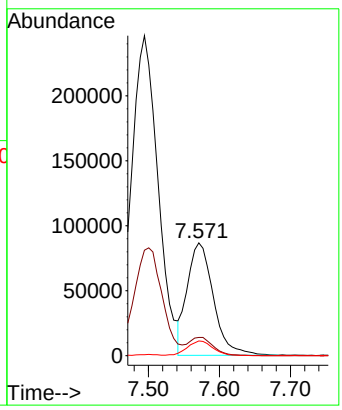


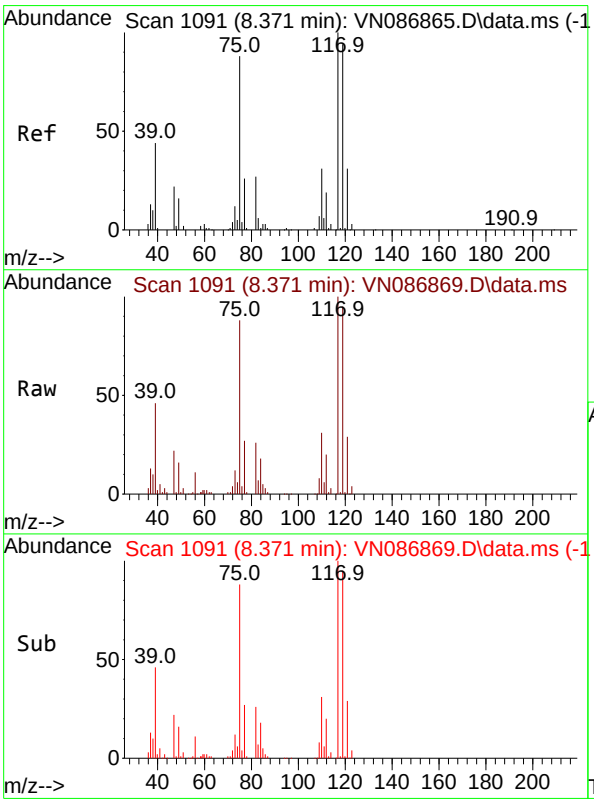
#37
Ethyl Acetate
Concen: 50.125 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 43 Resp: 222090

Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.1	18.1
70	12.9	9.8	14.6

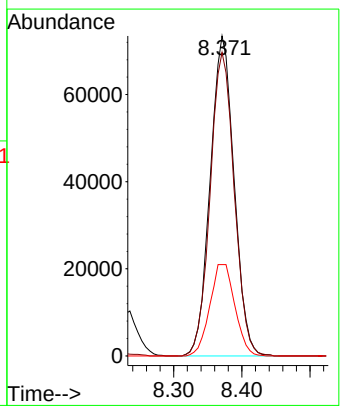


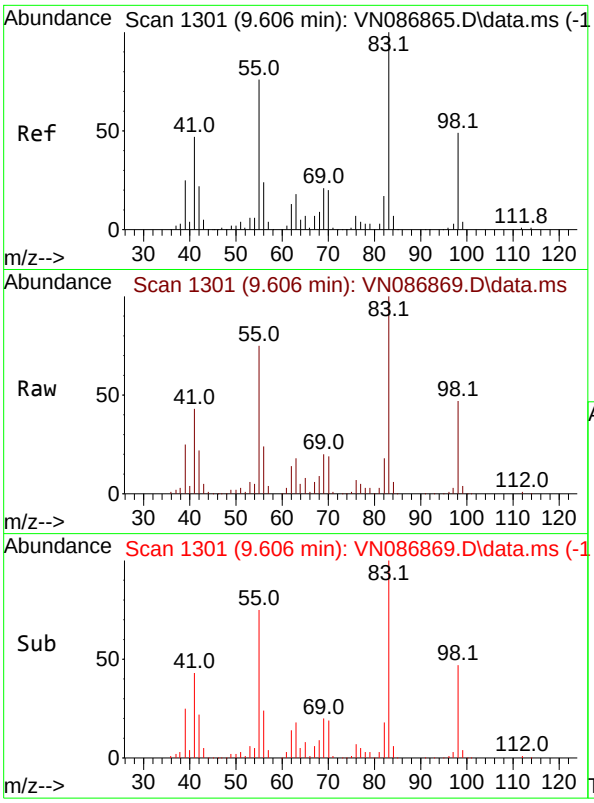


#38
Carbon Tetrachloride
Concen: 52.466 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:117 Resp: 179281

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.6
121	28.5	24.9	37.3



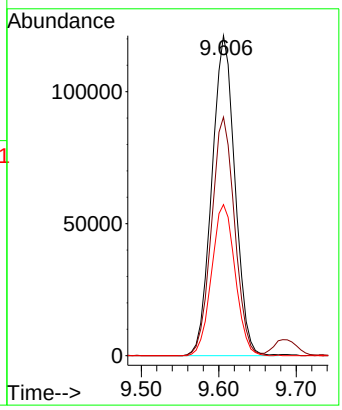


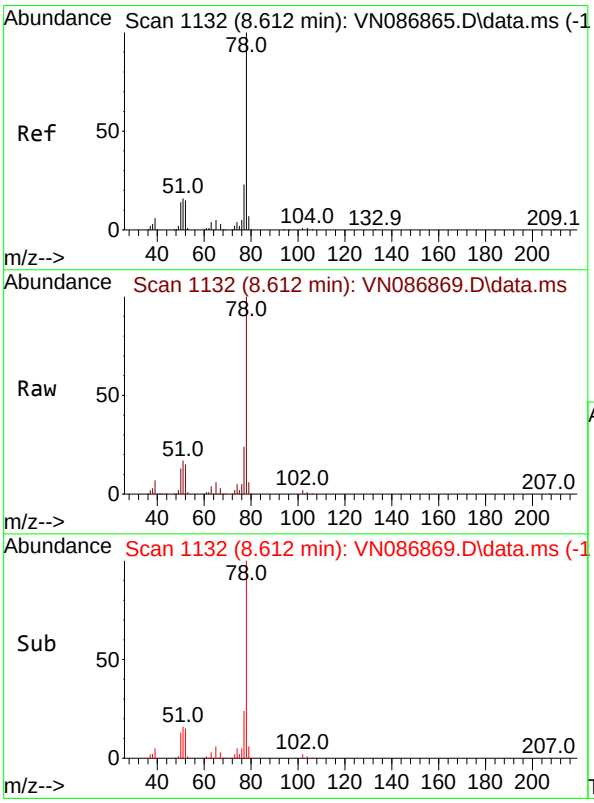
#39
Methylcyclohexane
Concen: 52.686 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 83 Resp: 251231

Ion	Ratio	Lower	Upper
83	100		
55	74.5	61.0	91.6
98	47.2	38.9	58.3

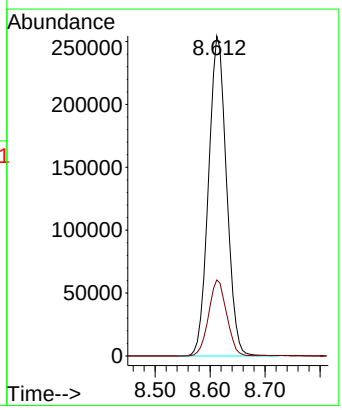


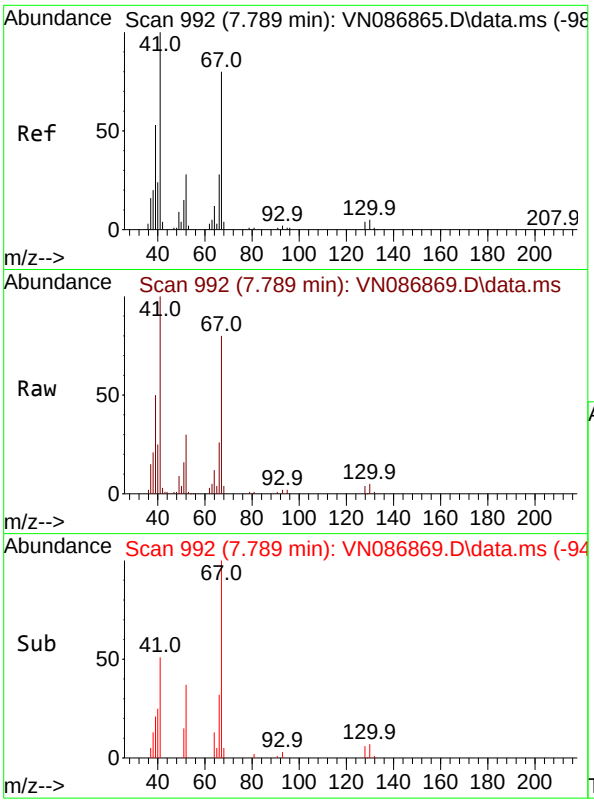


#40
Benzene
Concen: 50.931 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 78 Resp: 579667

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1



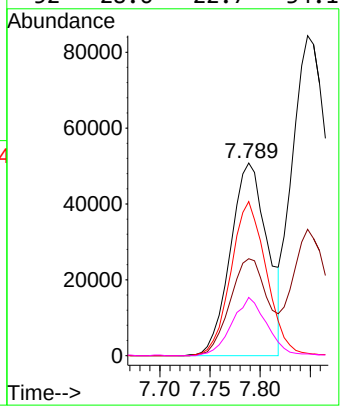


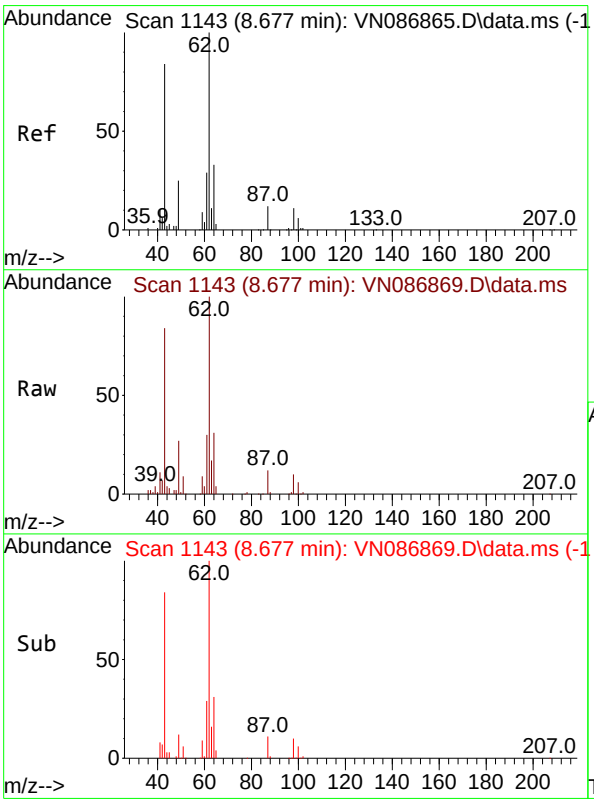
#41
Methacrylonitrile
Concen: 52.607 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 41 Resp: 130903

Ion	Ratio	Lower	Upper
41	100		
39	51.3	41.2	61.8
67	76.9	61.4	92.2
52	28.6	22.7	34.1

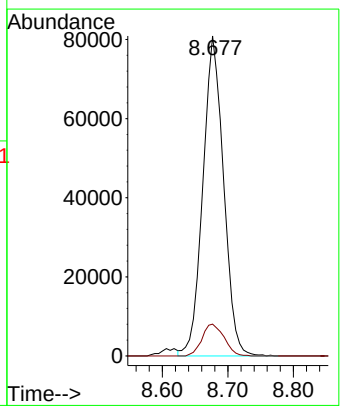


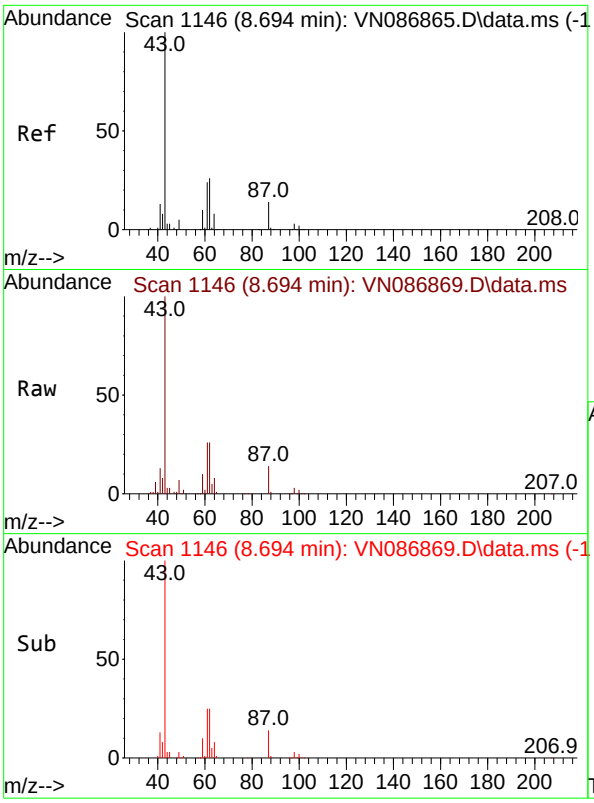


#42
1,2-Dichloroethane
Concen: 51.489 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 62 Resp: 177746

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2



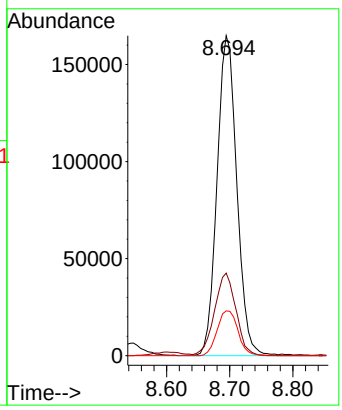


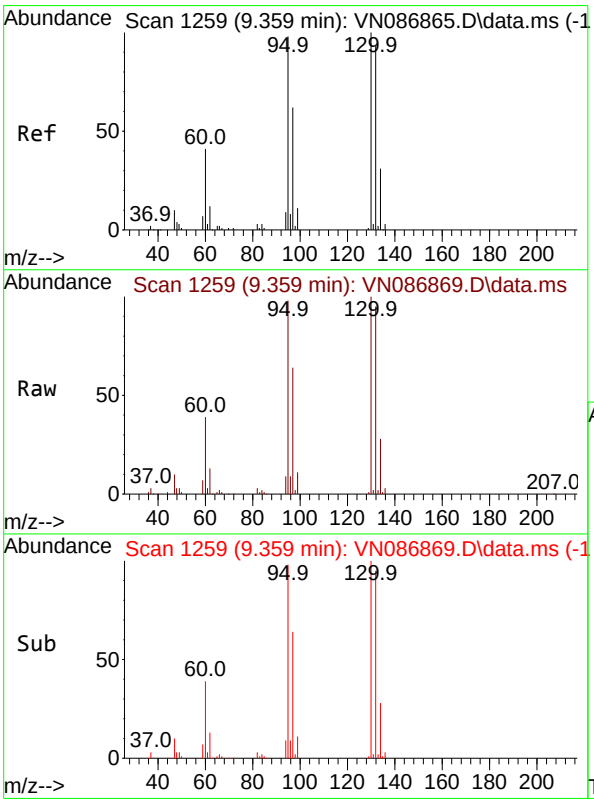
#43
Isopropyl Acetate
Concen: 50.536 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 43 Resp: 359378

Ion	Ratio	Lower	Upper
43	100		
61	27.9	22.1	33.1
87	14.8	11.8	17.6

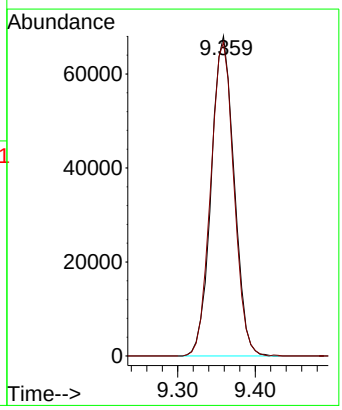


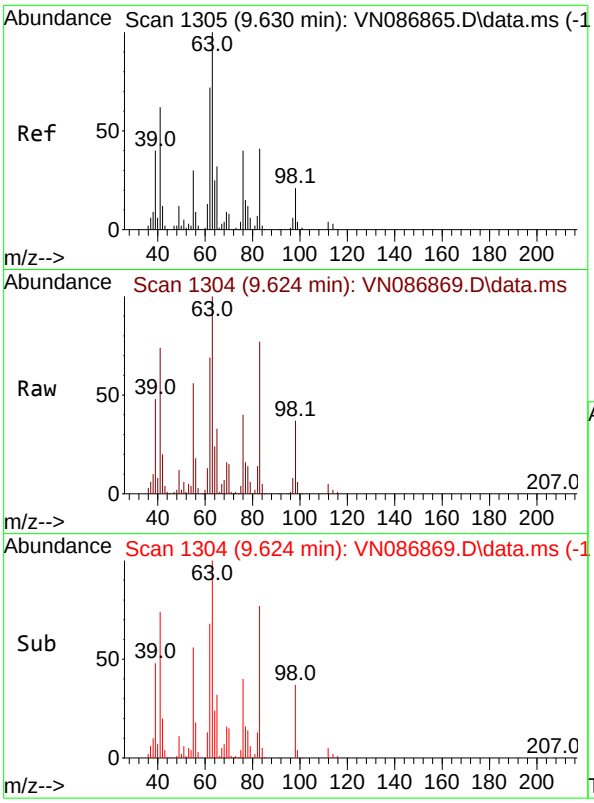


#44
Trichloroethene
Concen: 51.788 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:130 Resp: 139763

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	196.2



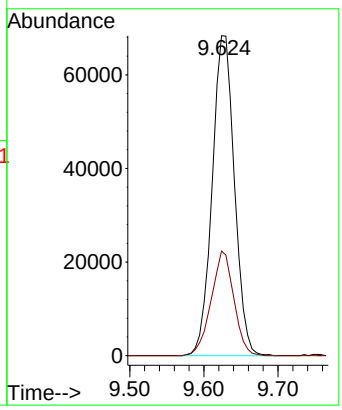


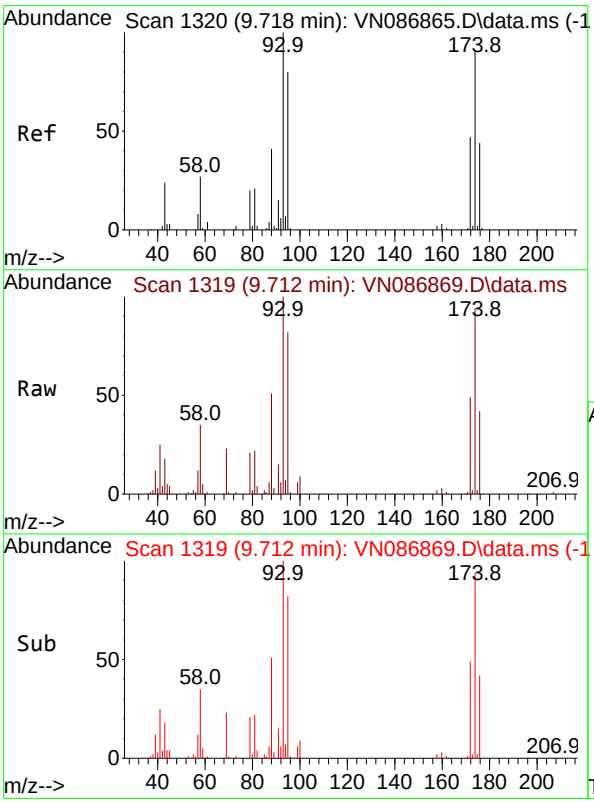
#45
1,2-Dichloropropane
Concen: 51.450 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 63 Resp: 142463

Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.5	38.3

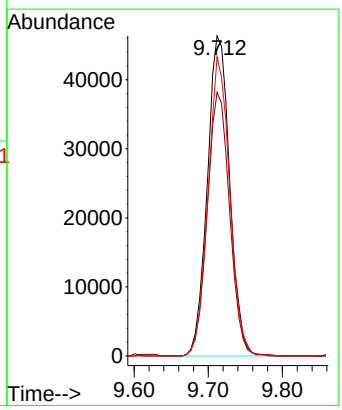


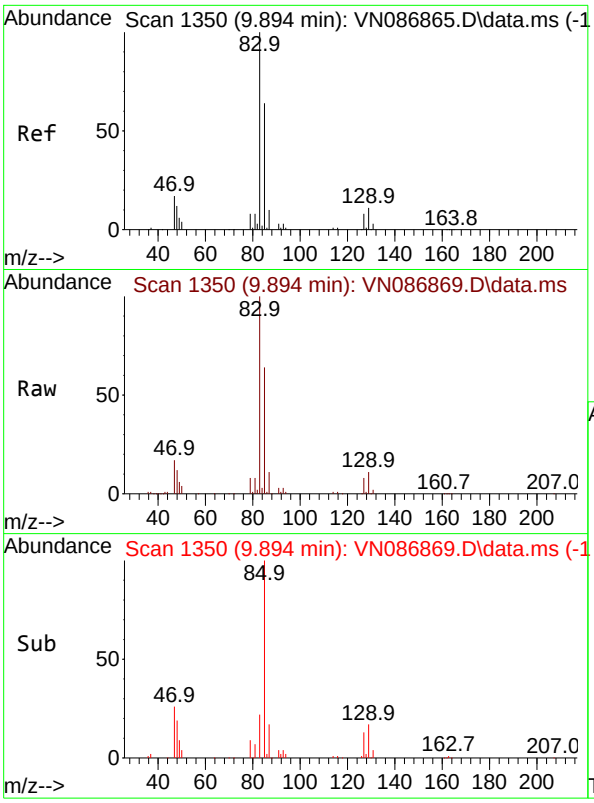


#46
Dibromomethane
Concen: 52.849 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 93 Resp: 97199

Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.1	100.7
174	90.9	74.2	111.4



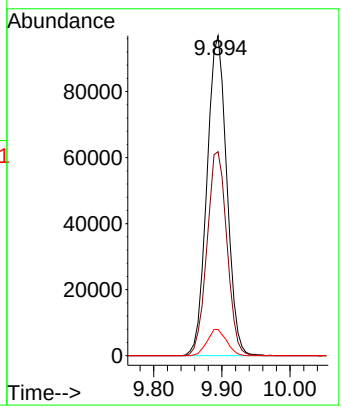


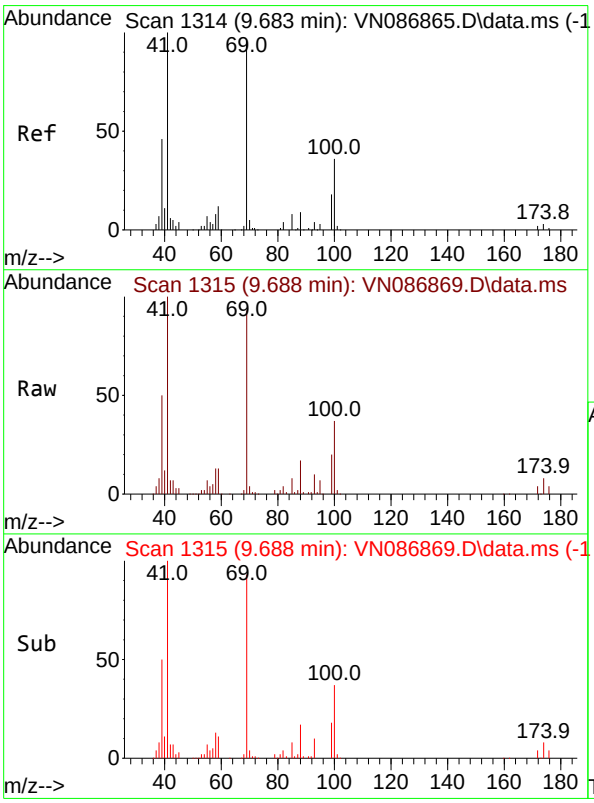
#47
Bromodichloromethane
Concen: 51.824 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 83 Resp: 196104

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.9	76.3
127	8.2	6.6	10.0

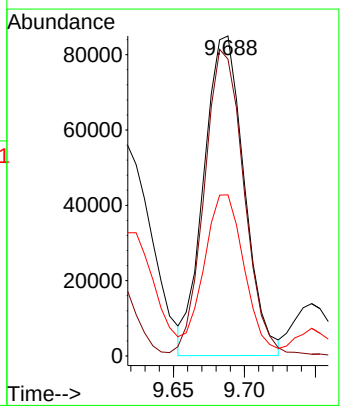


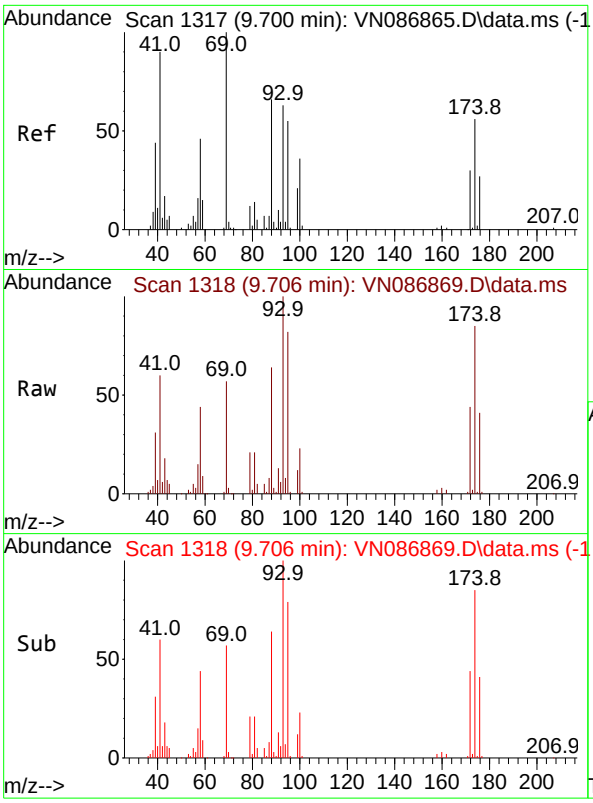


#48
Methyl methacrylate
Concen: 51.328 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 41 Resp: 168001

Ion	Ratio	Lower	Upper
41	100		
69	95.2	74.6	112.0
39	51.0	40.2	60.4



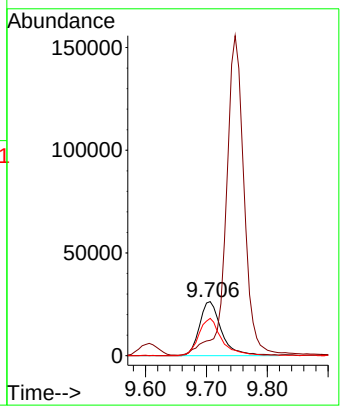


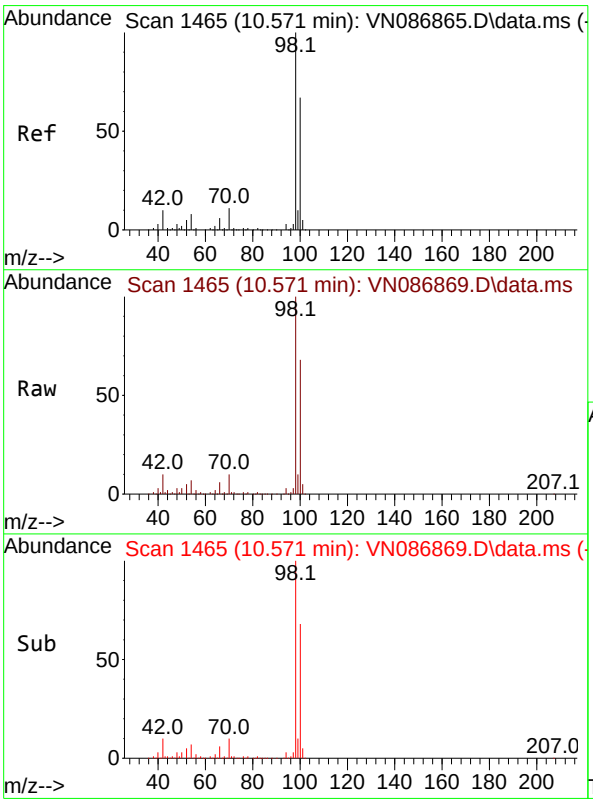
#49
1,4-Dioxane
Concen: 1110.123 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 88 Resp: 66102

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.7	57.7	86.5

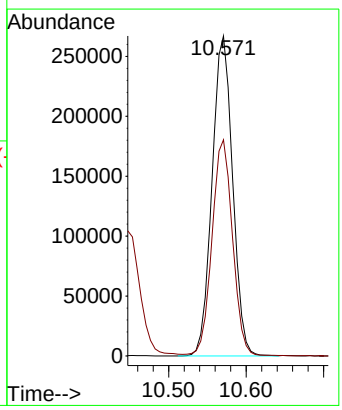


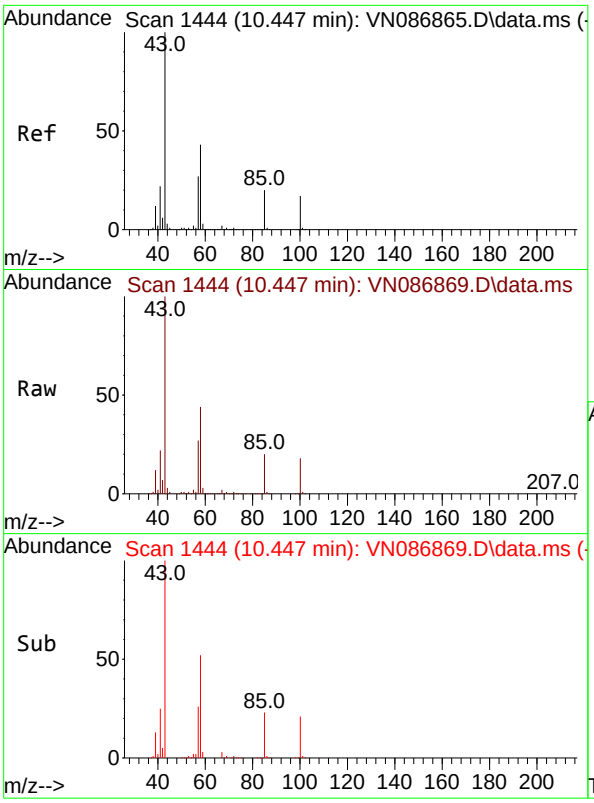


#50
Toluene-d8
Concen: 53.129 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 98 Resp: 491265

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.4	80.0



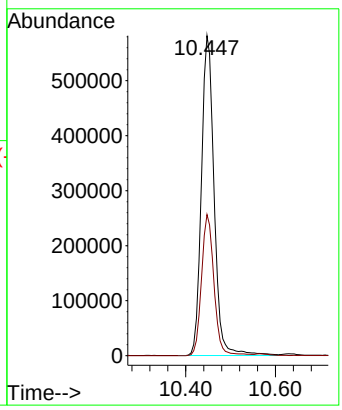


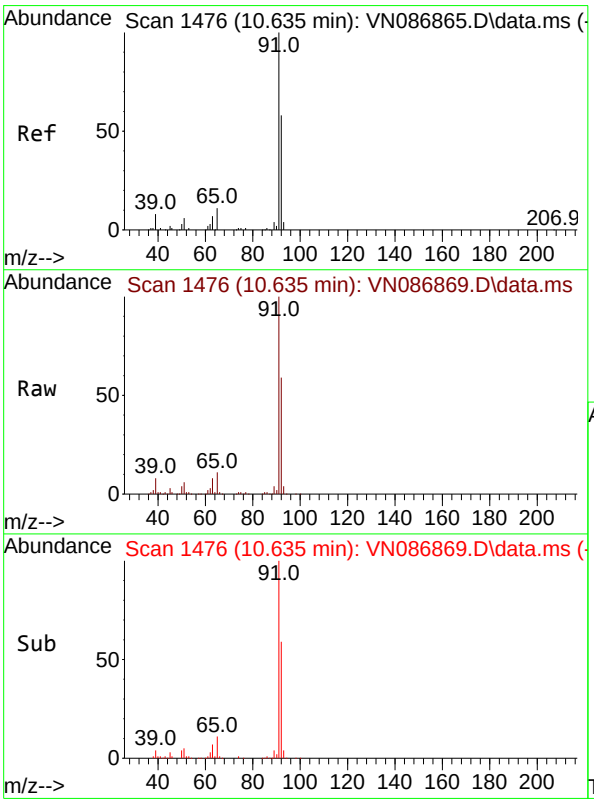
#51
4-Methyl-2-Pentanone
Concen: 267.835 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 43 Resp: 1146622

Ion	Ratio	Lower	Upper
43	100		
58	43.2	34.2	51.4

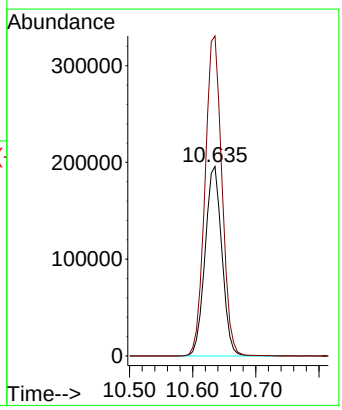


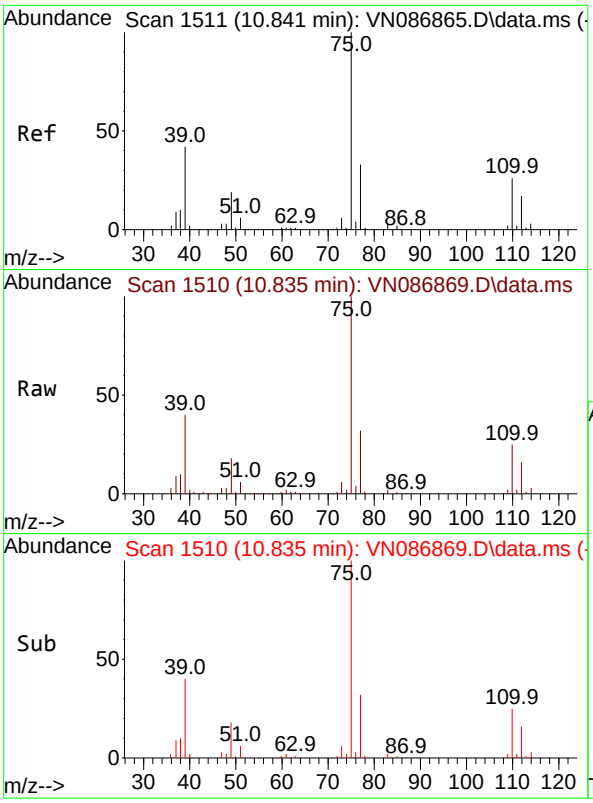


#52
Toluene
Concen: 52.040 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 92 Resp: 361963

Ion	Ratio	Lower	Upper
92	100		
91	169.8	136.5	204.7



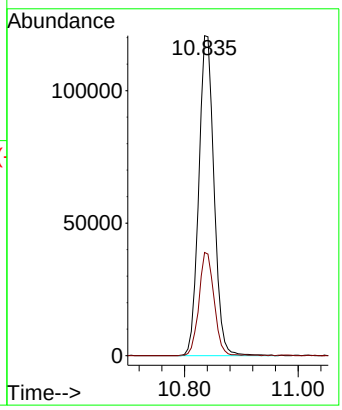


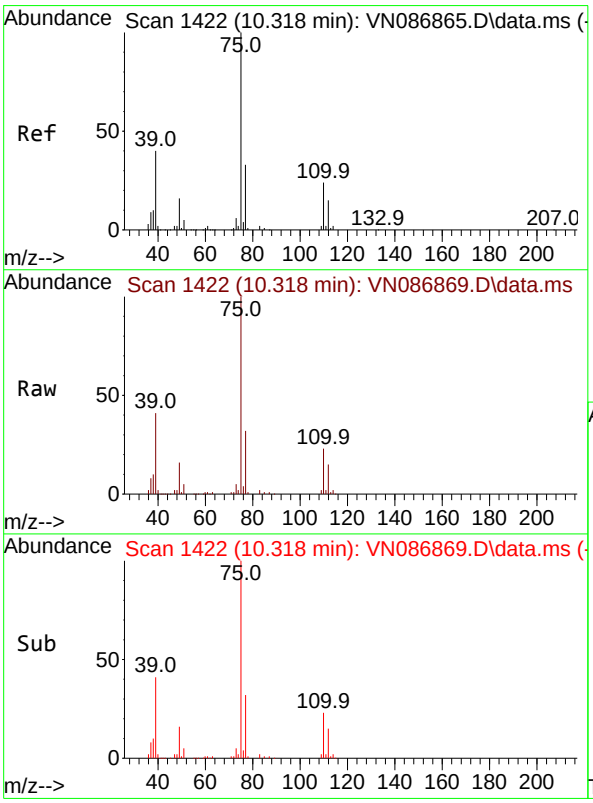
#53
t-1,3-Dichloropropene
Concen: 53.137 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 75 Resp: 224839

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.4	39.6

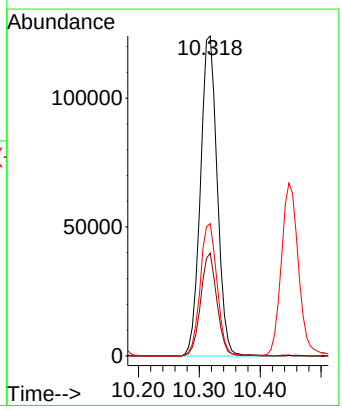


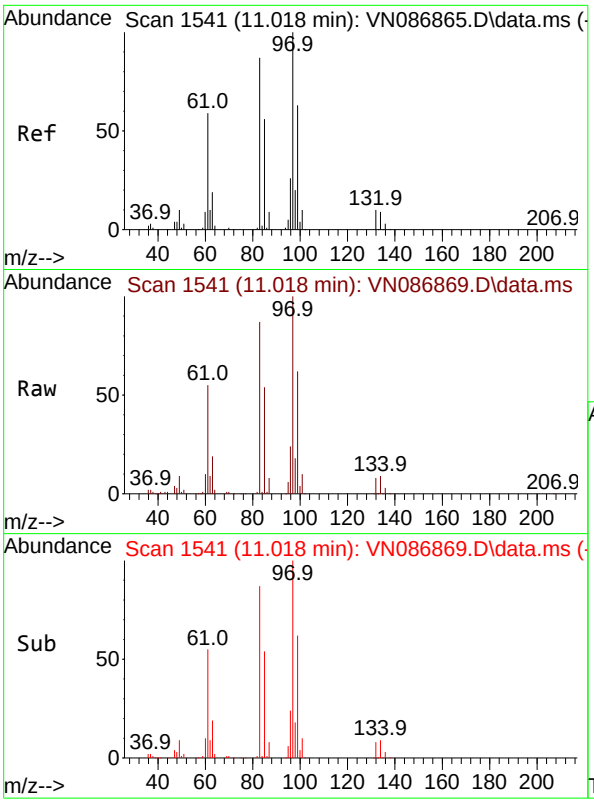


#54
cis-1,3-Dichloropropene
Concen: 52.519 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 237774

Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.2	39.4
39	41.3	32.3	48.5



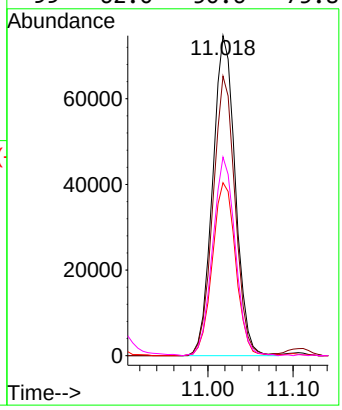


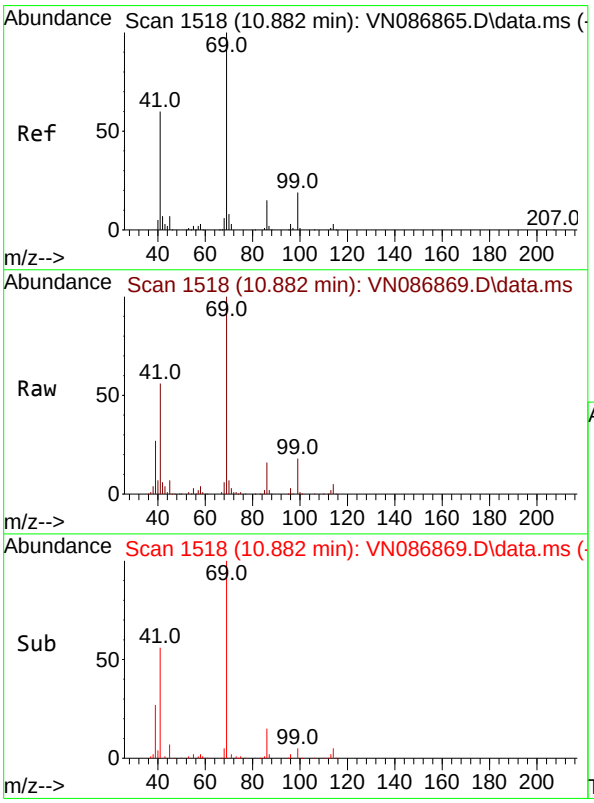
#55
1,1,2-Trichloroethane
Concen: 51.562 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 97 Resp: 137998

Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.7	104.5
85	54.1	45.1	67.7
99	62.0	50.6	75.8

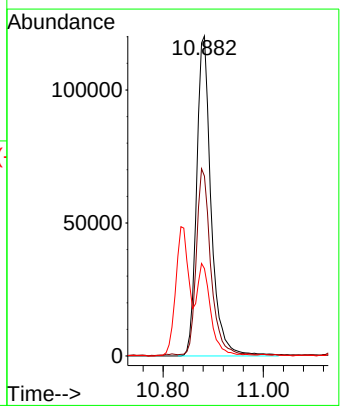


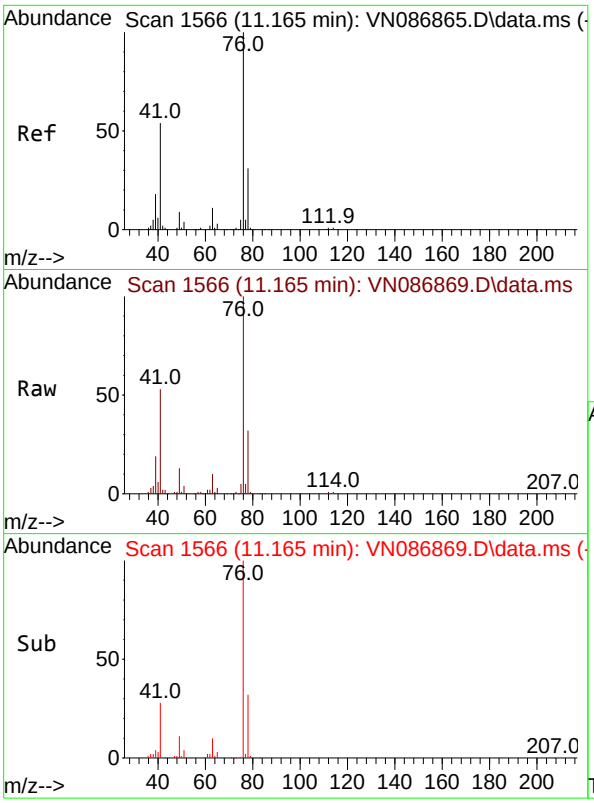


#56
Ethyl methacrylate
Concen: 56.688 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 69 Resp: 241649

Ion	Ratio	Lower	Upper
69	100		
41	57.7	47.2	70.8
39	27.4	23.0	34.6



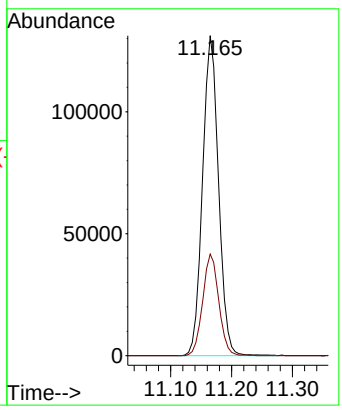


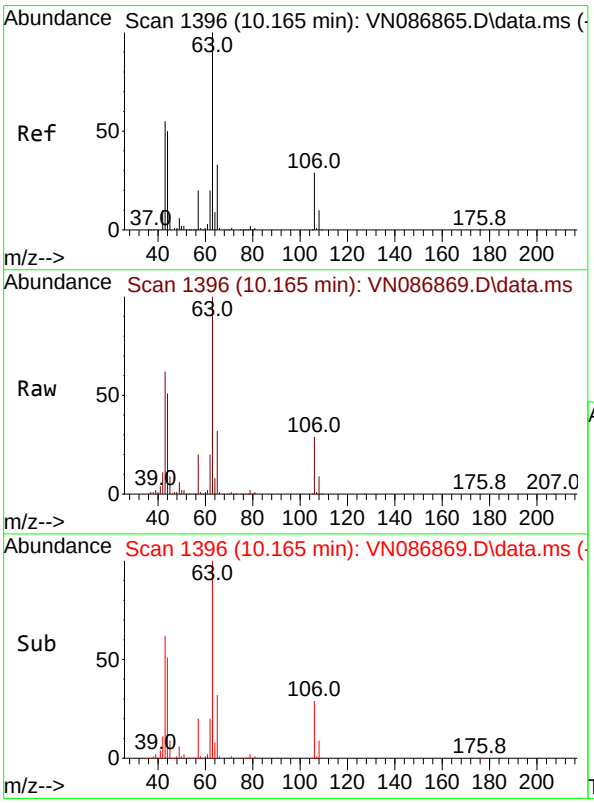
#57
1,3-Dichloropropane
Concen: 51.386 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 76 Resp: 238572

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.3	37.9

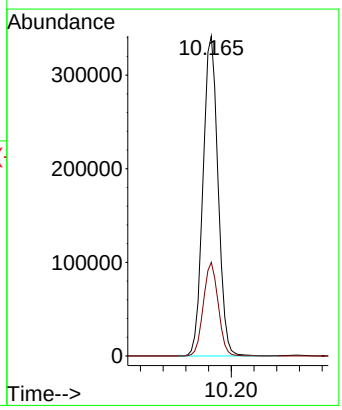


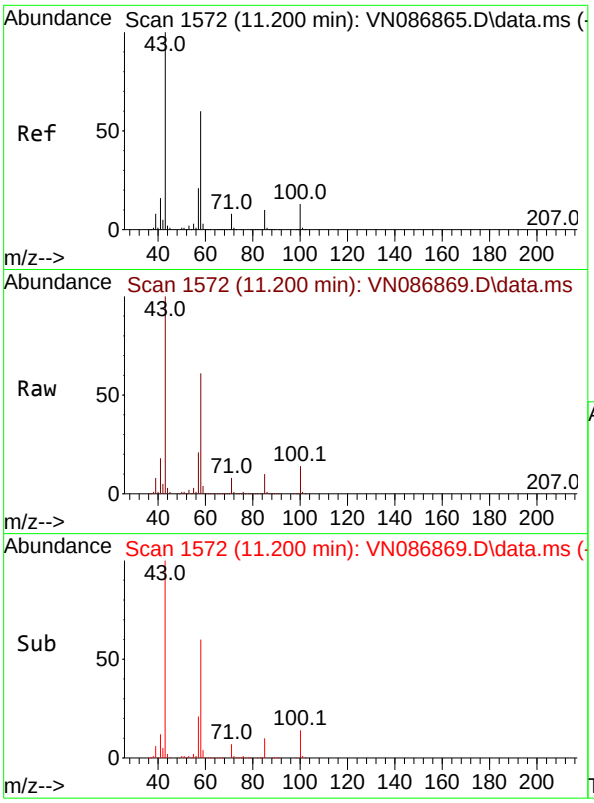


#58
2-Chloroethyl Vinyl ether
Concen: 246.006 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 63 Resp: 625479

Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.0	34.6



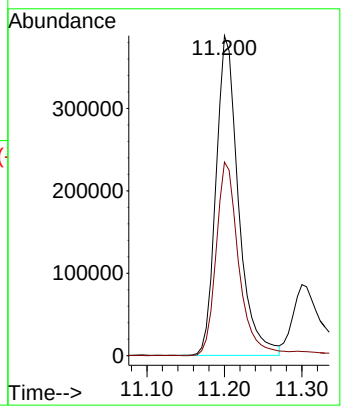


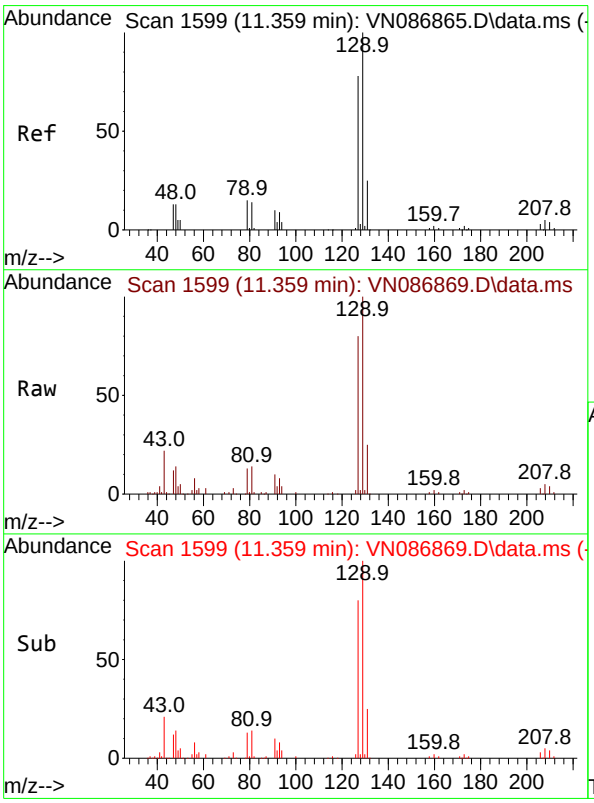
#59
2-Hexanone
Concen: 283.478 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 43 Resp: 781717

Ion	Ratio	Lower	Upper
43	100		
58	61.2	30.4	91.3

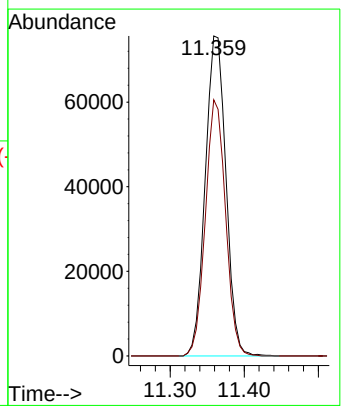


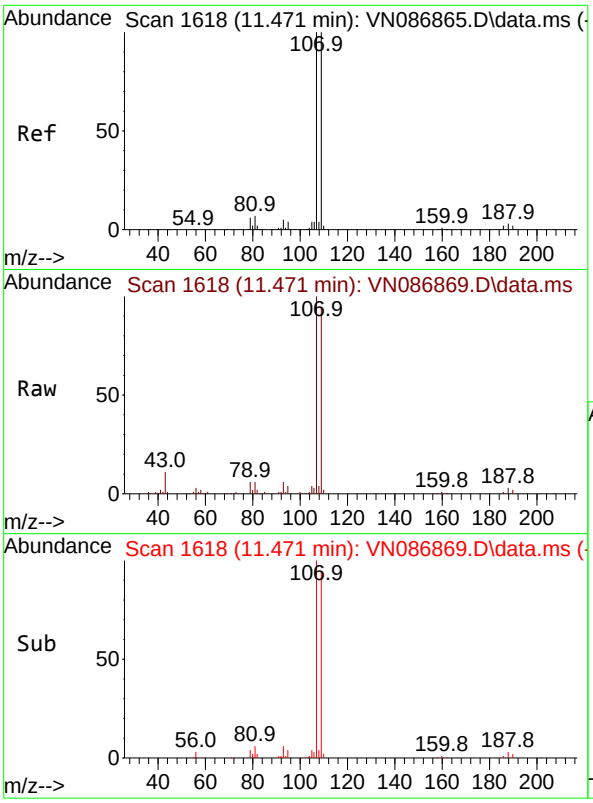


#60
Dibromochloromethane
Concen: 52.627 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:129 Resp: 146749

Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.6	115.8



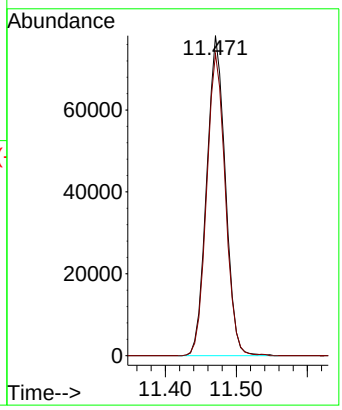


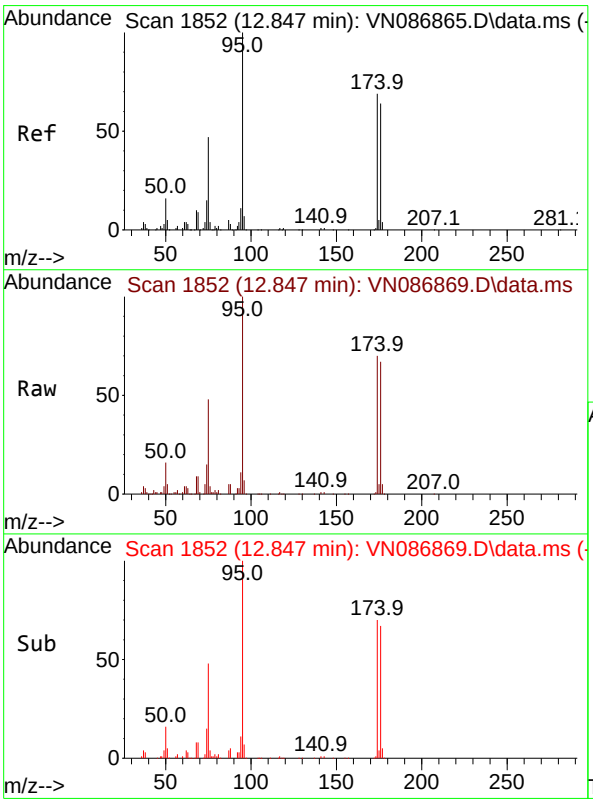
#61
1,2-Dibromoethane
Concen: 51.887 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:107 Resp: 142338

Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.3	114.5

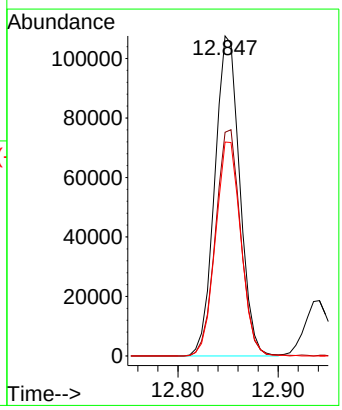


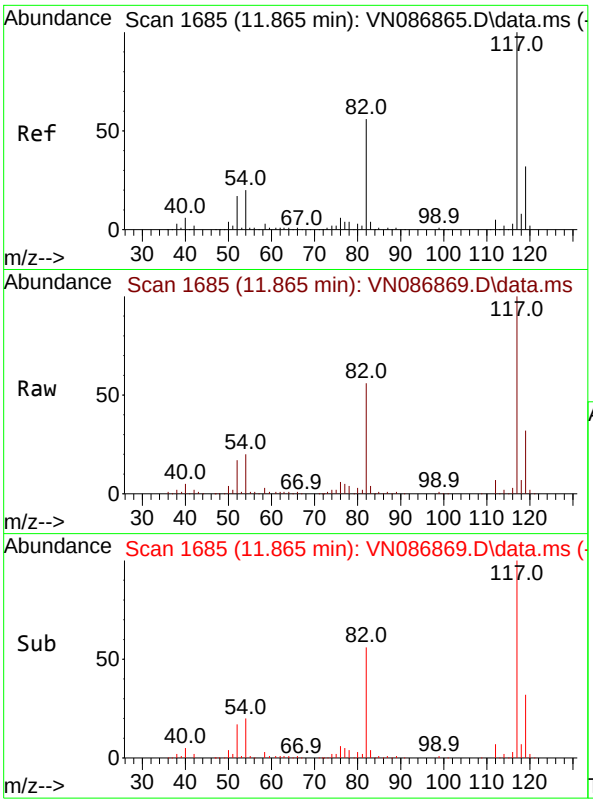


#62
4-Bromofluorobenzene
Concen: 54.081 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 95 Resp: 185792

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	141.8
176	68.1	0.0	132.6



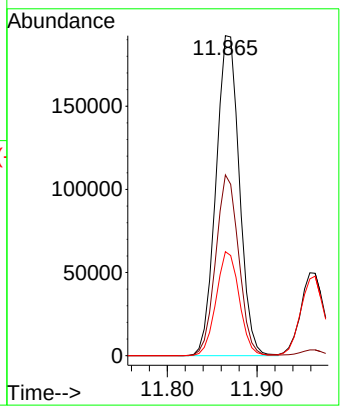


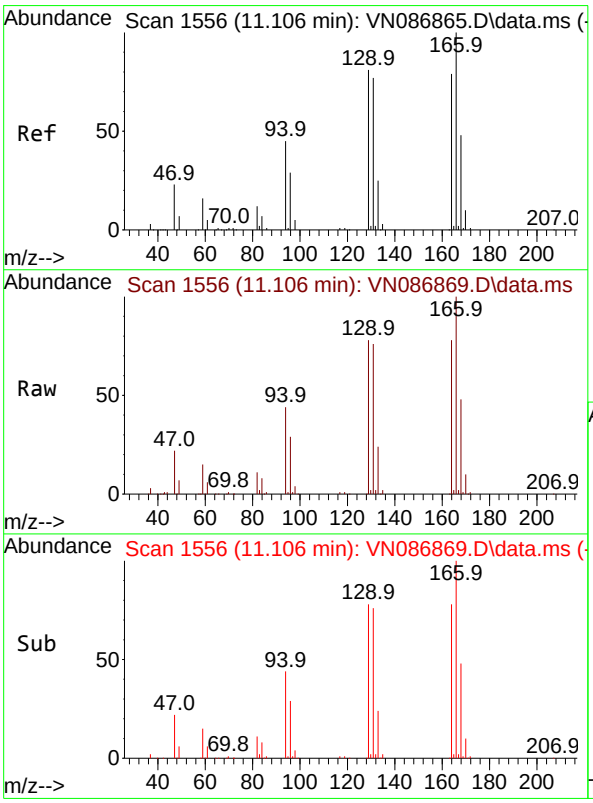
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:117 Resp: 348935

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.6	67.0
119	32.5	25.5	38.3

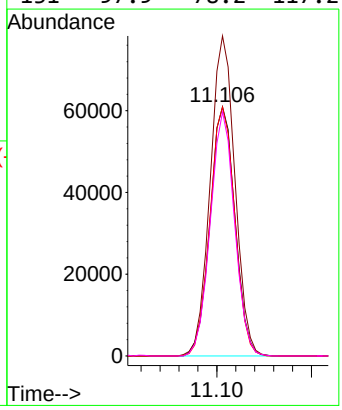


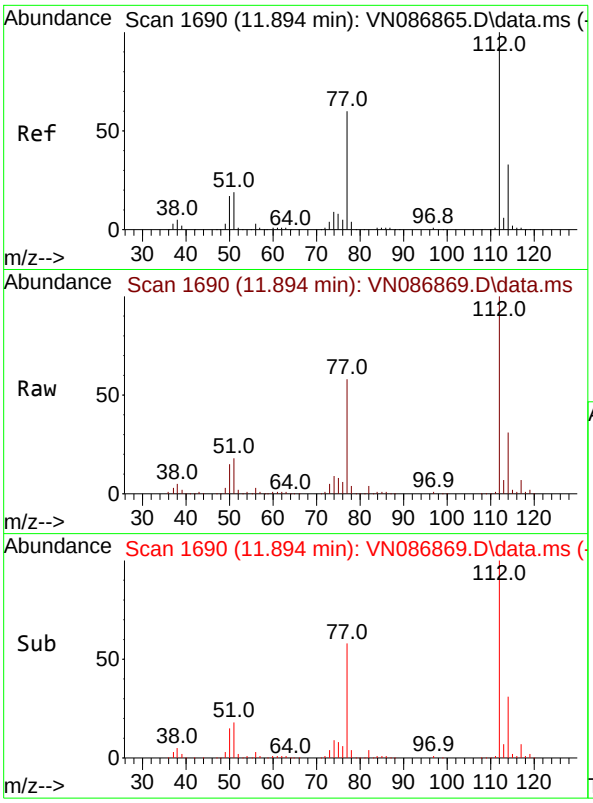


#64
Tetrachloroethene
Concen: 50.450 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:164 Resp: 111409

Ion	Ratio	Lower	Upper
164	100		
166	128.5	101.8	152.8
129	99.9	83.0	124.4
131	97.9	78.2	117.2



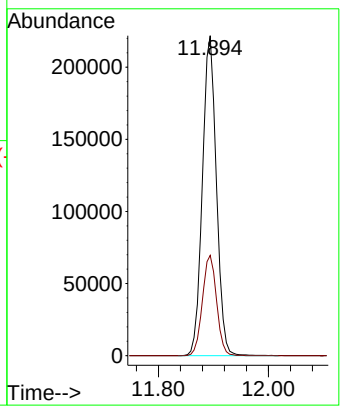


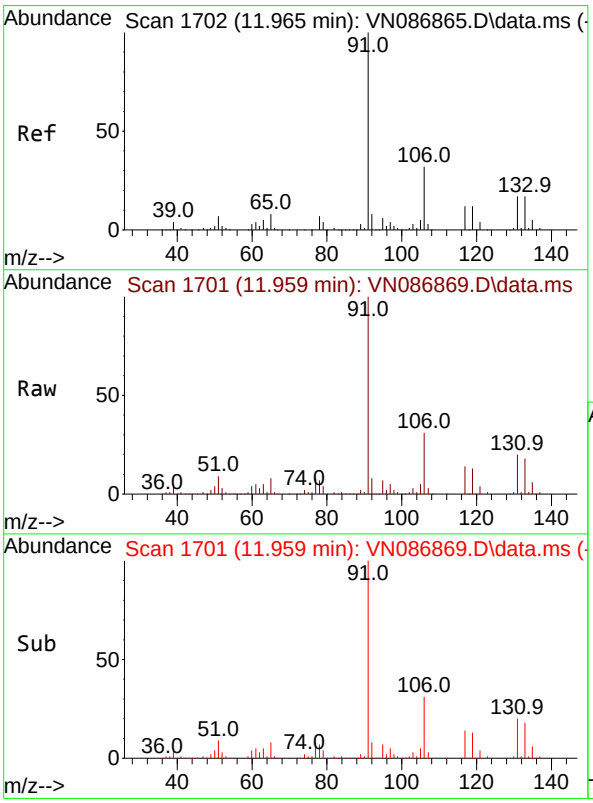
#65
Chlorobenzene
Concen: 50.892 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:112 Resp: 391661

Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.2	39.2

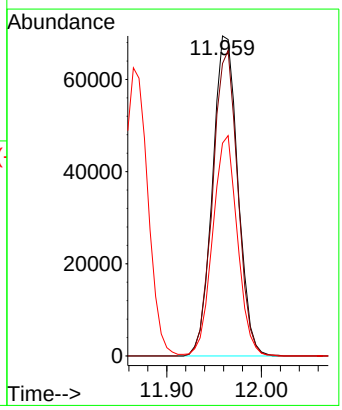


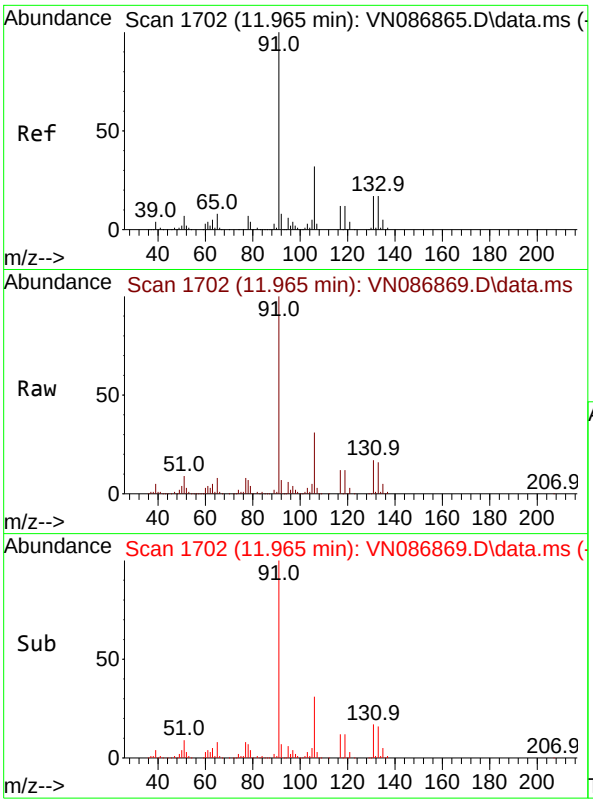


#66
1,1,1,2-Tetrachloroethane
Concen: 52.164 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:131 Resp: 129045

Ion	Ratio	Lower	Upper
131	100		
133	94.5	48.3	144.8
119	67.4	34.0	101.8



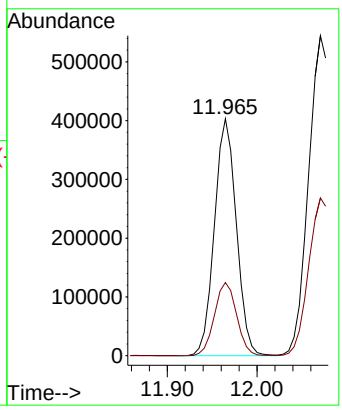


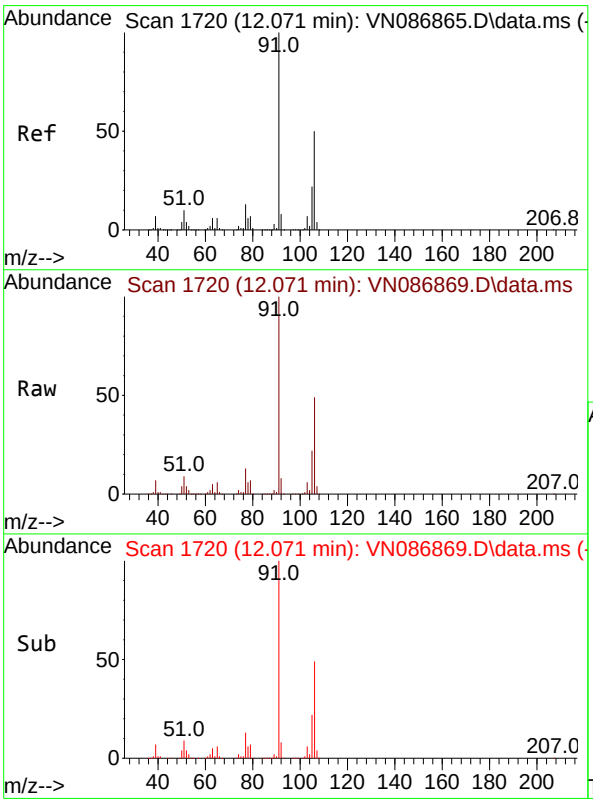
#67
Ethyl Benzene
Concen: 51.590 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 91 Resp: 683879

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.4	38.2

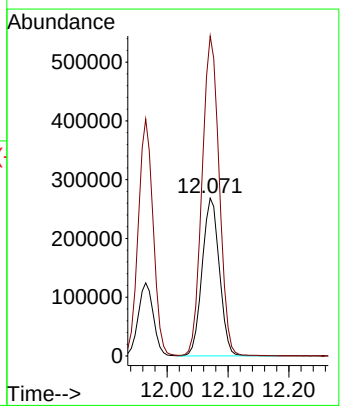


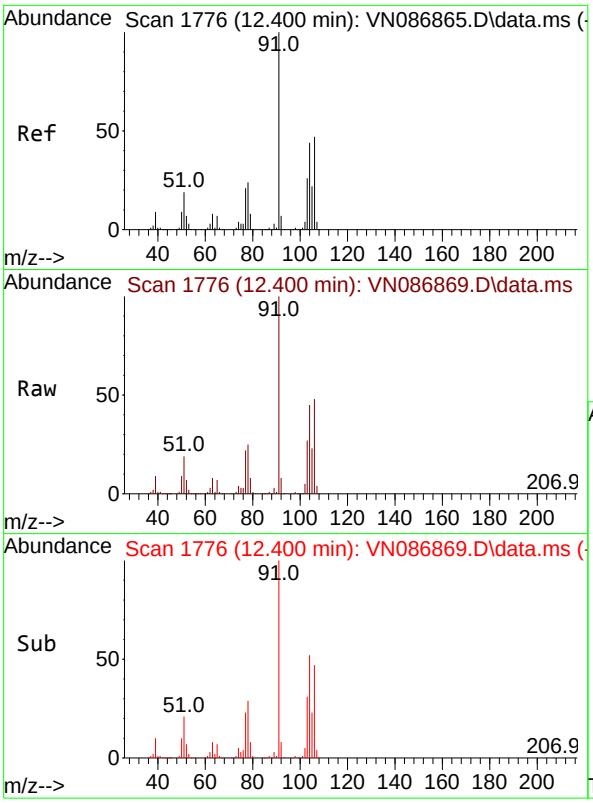


#68
m/p-Xylenes
Concen: 103.912 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:106 Resp: 527293

Ion	Ratio	Lower	Upper
106	100		
91	202.0	159.4	239.0



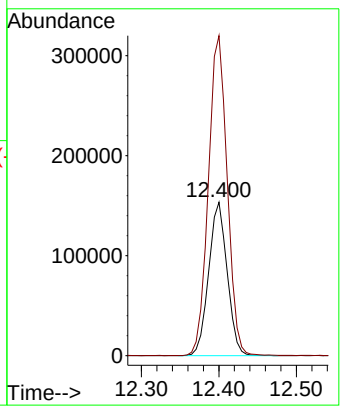


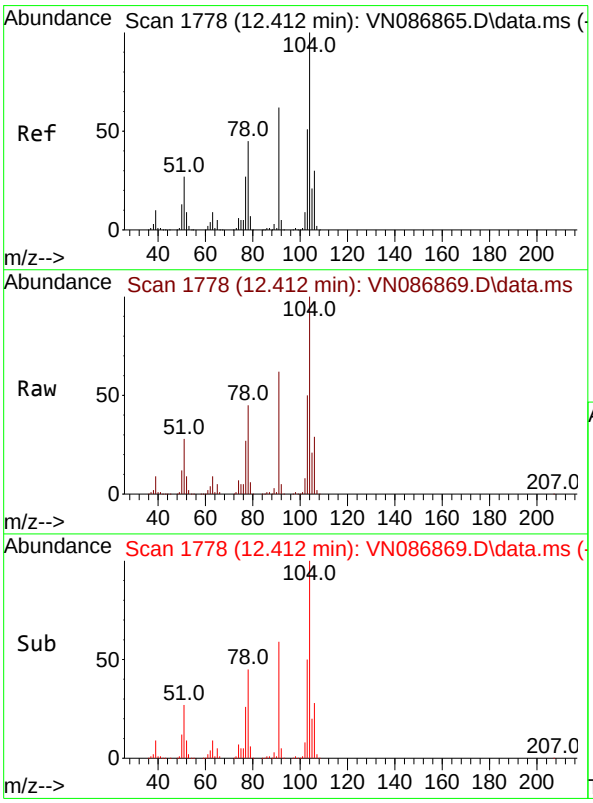
#69
o-Xylene
Concen: 52.387 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:106 Resp: 254600

Ion	Ratio	Lower	Upper
106	100		
91	212.8	106.1	318.1

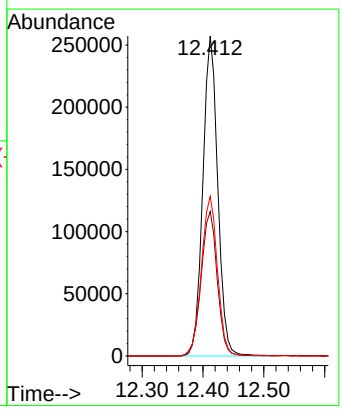


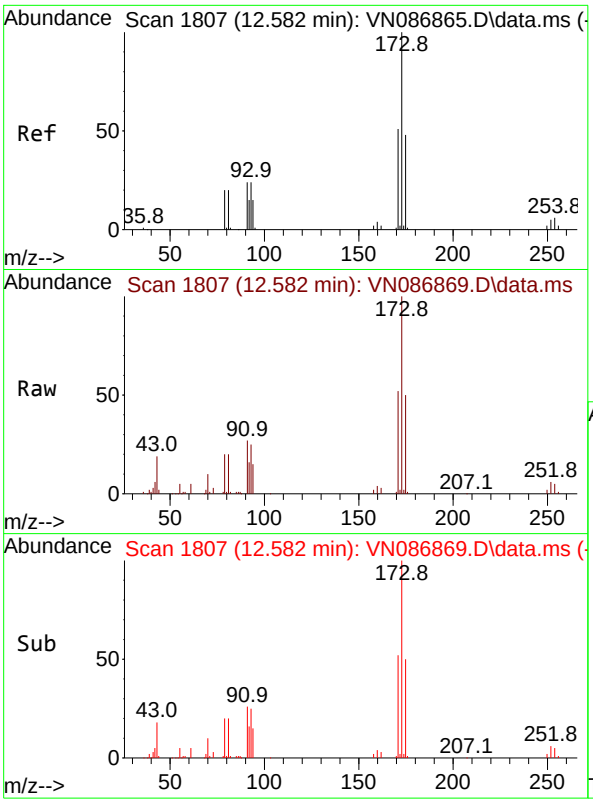


#70
Styrene
Concen: 52.758 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:104 Resp: 438751

Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.5	57.7
103	53.7	43.1	64.7



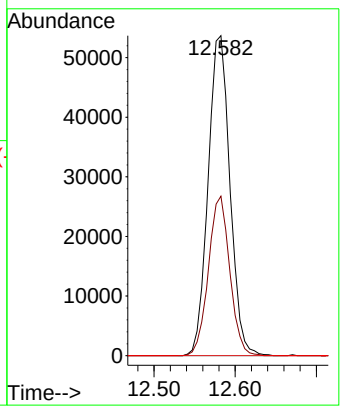


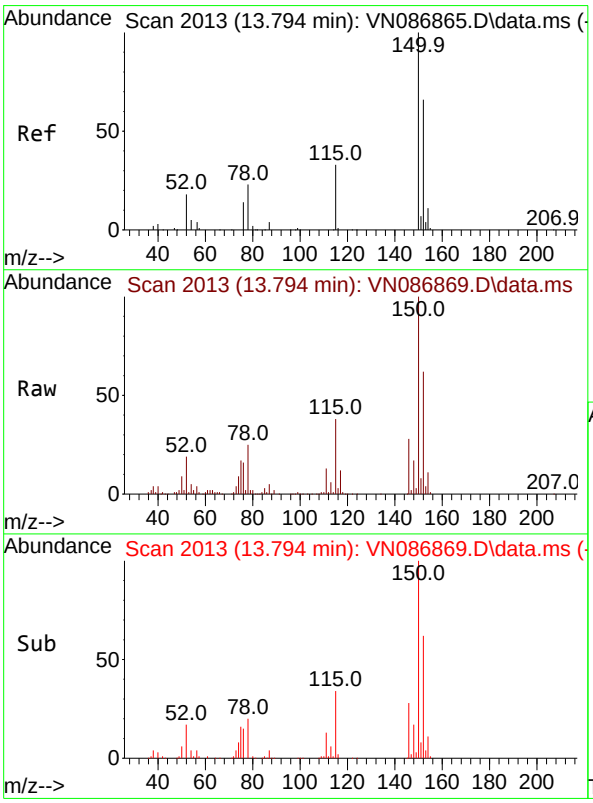
#71
Bromoform
Concen: 54.751 ug/l
RT: 12.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:173 Resp: 100357

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.4
254	0.0	0.0	0.0

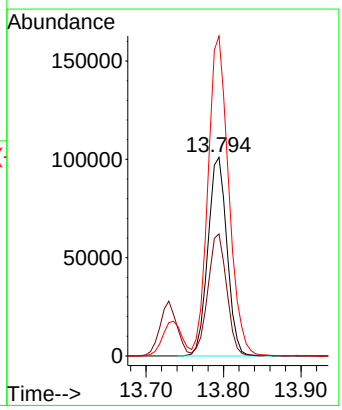


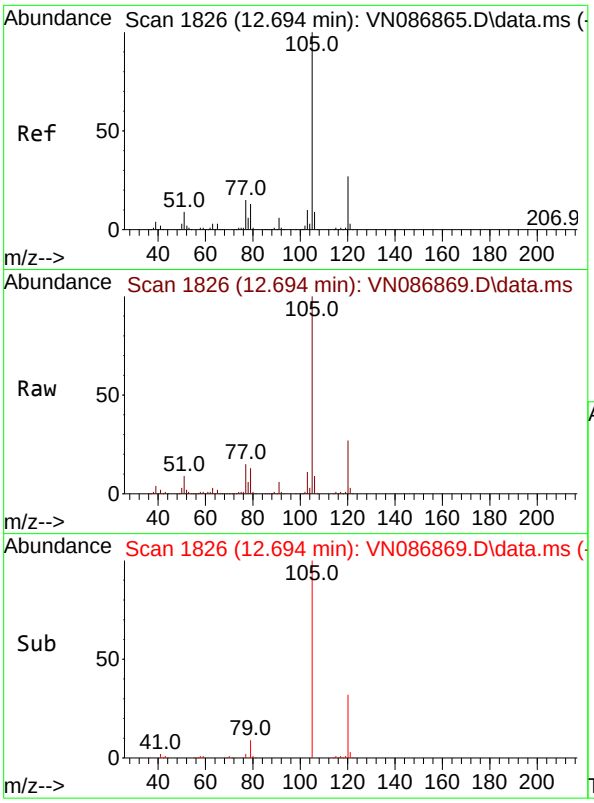


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:152 Resp: 172710

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.1	90.5
150	174.0	0.0	345.0



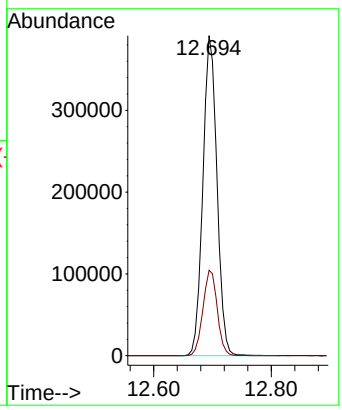


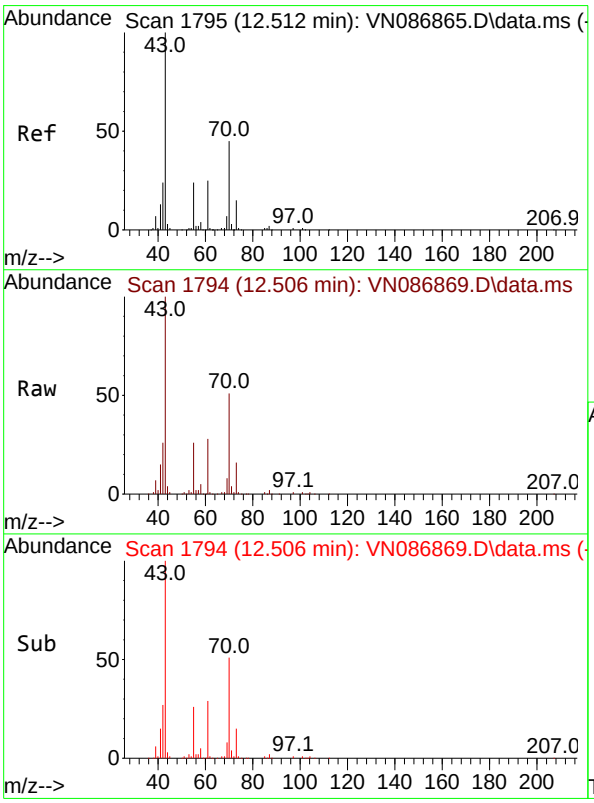
#73
Isopropylbenzene
Concen: 51.823 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:105 Resp: 652045

Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.4

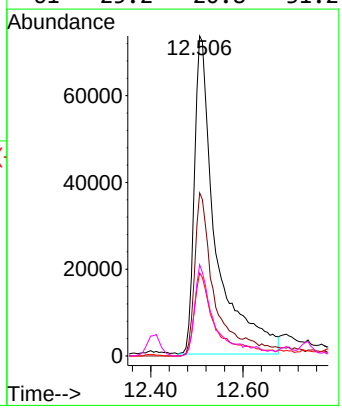


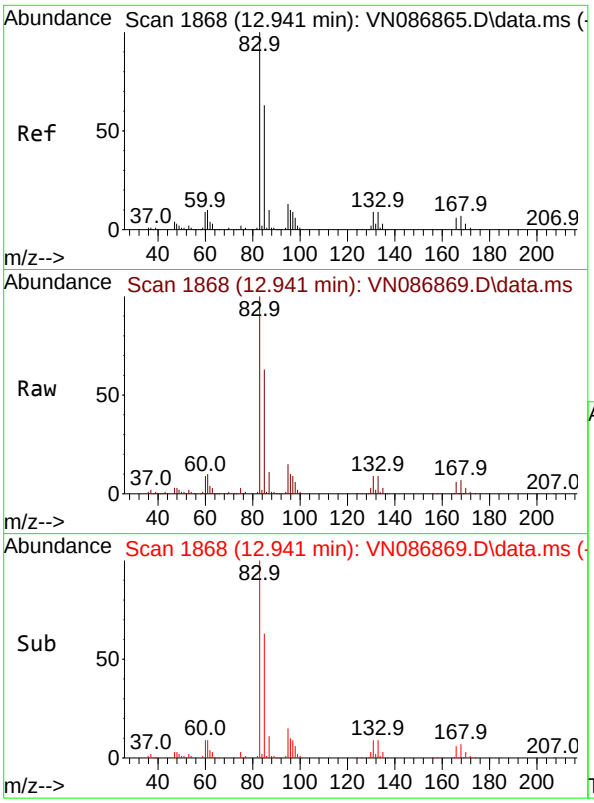


#74
N-amyl acetate
Concen: 54.212 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 238355

Ion	Ratio	Lower	Upper
43	100		
70	49.3	37.6	56.4
55	25.3	19.0	28.6
61	25.2	20.8	31.2



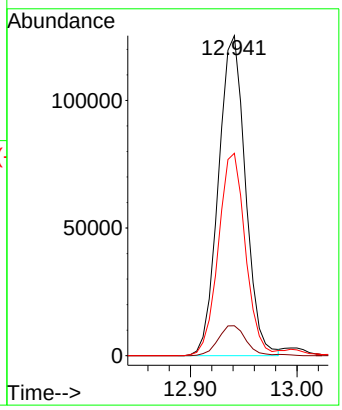


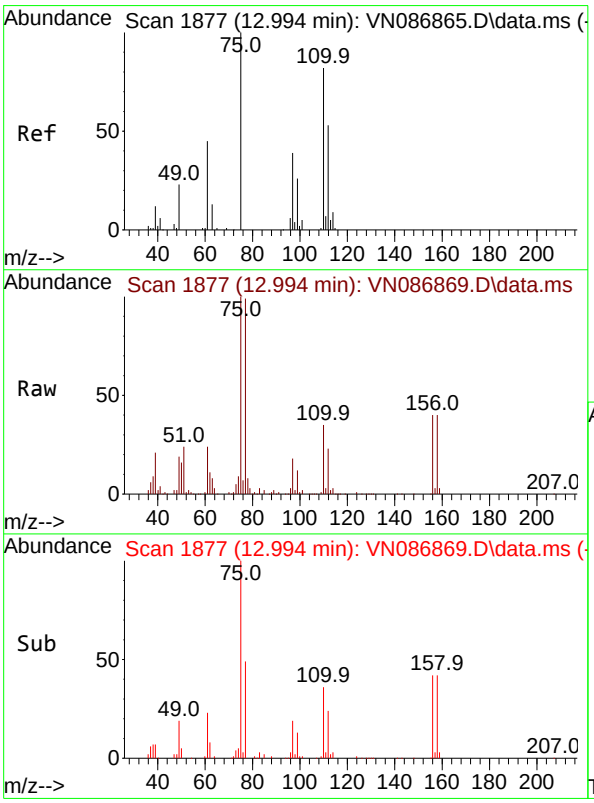
#75
1,1,2,2-Tetrachloroethane
Concen: 51.763 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 83 Resp: 220643

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	63.9	32.0	96.0

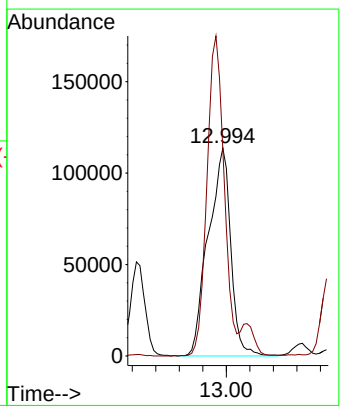


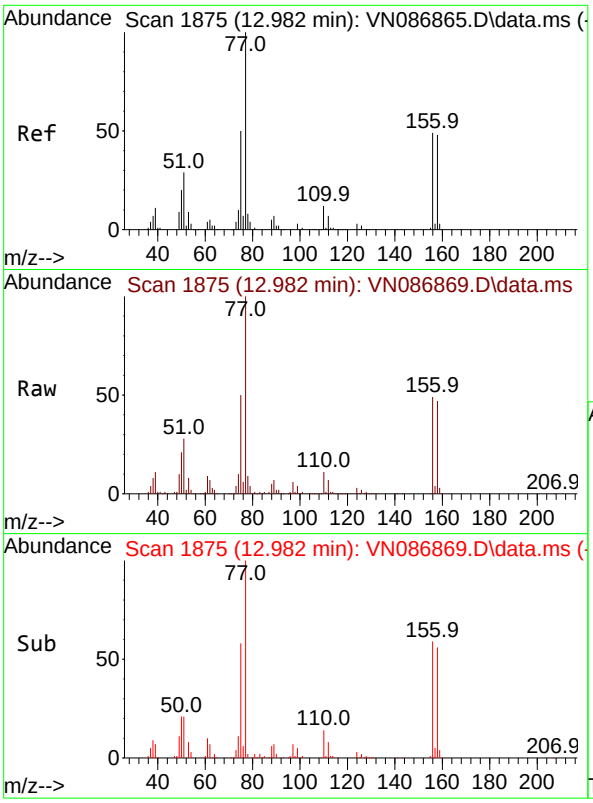


#76
1,2,3-Trichloropropane
Concen: 73.563 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 302004

Ion	Ratio	Lower	Upper
75	100		
77	117.4	79.3	237.9



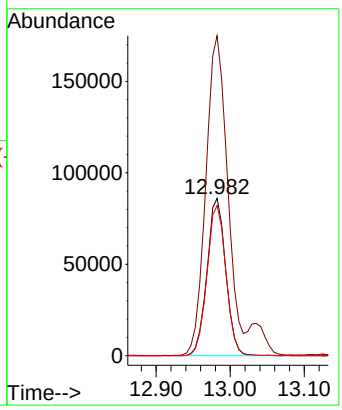


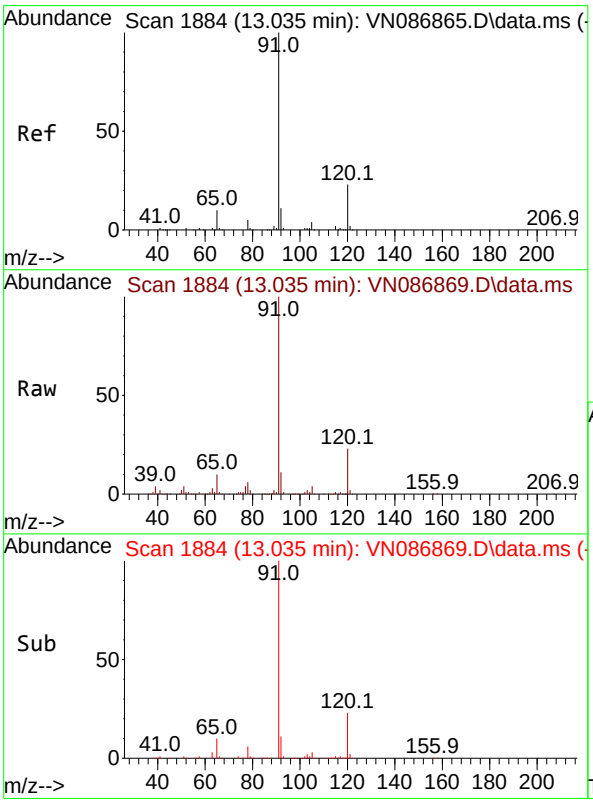
#77
Bromobenzene
Concen: 52.313 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:156 Resp: 150950

Ion	Ratio	Lower	Upper
156	100		
77	234.9	117.7	353.1
158	96.5	48.1	144.4

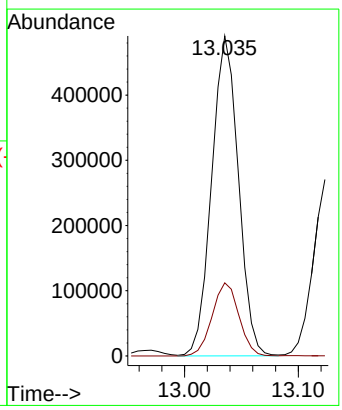


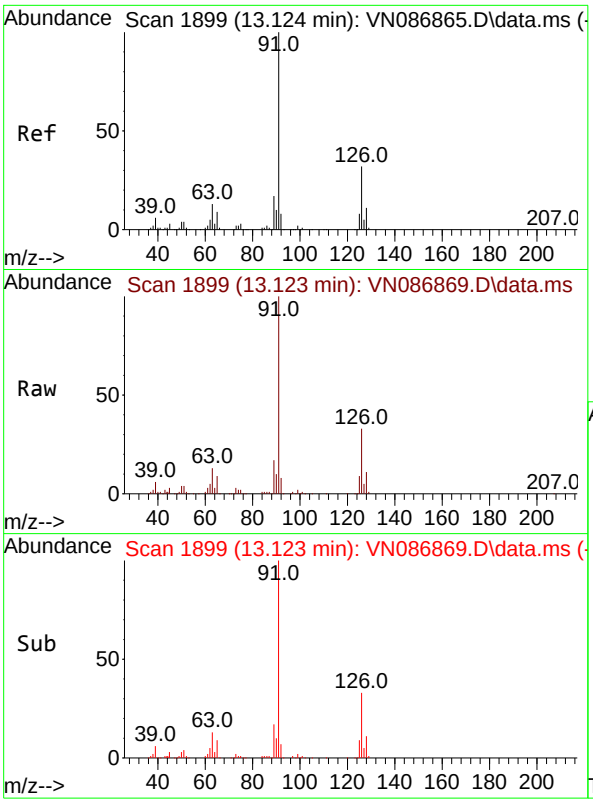


#78
n-propylbenzene
Concen: 52.397 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 91 Resp: 801180

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2



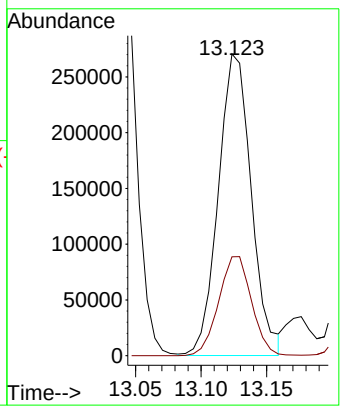


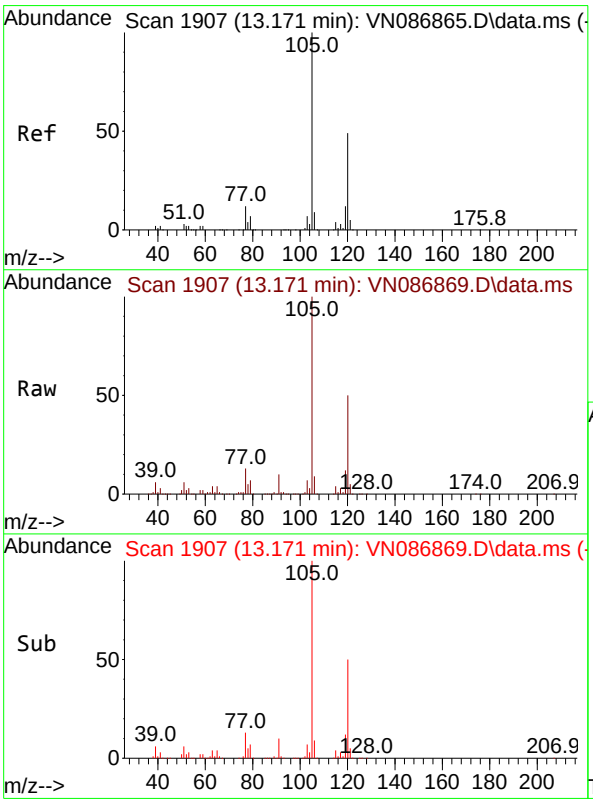
#79
2-Chlorotoluene
Concen: 51.650 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 91 Resp: 473629

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.5

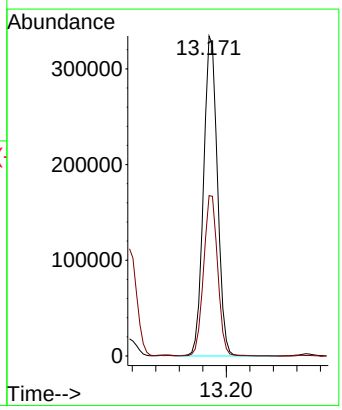


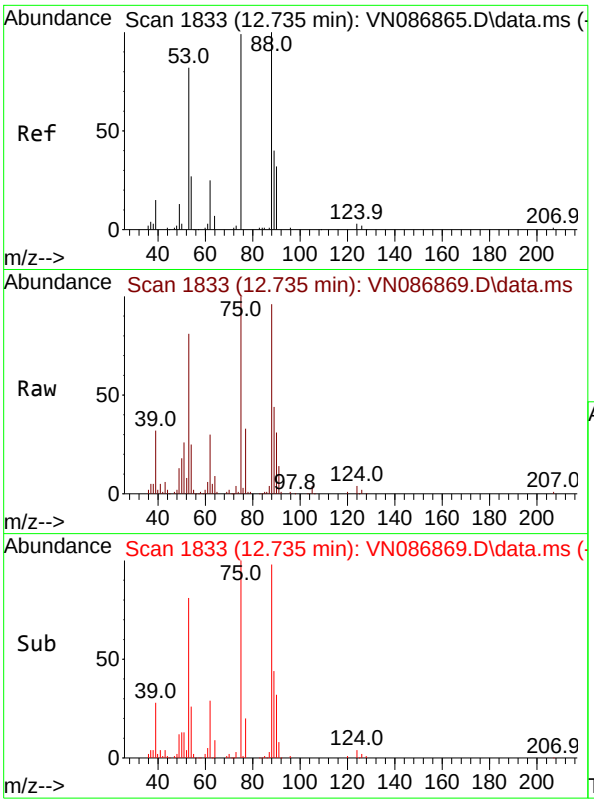


#80
1,3,5-Trimethylbenzene
Concen: 52.787 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:105 Resp: 548347

Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.9	74.6



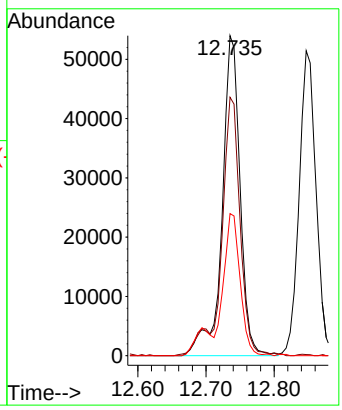


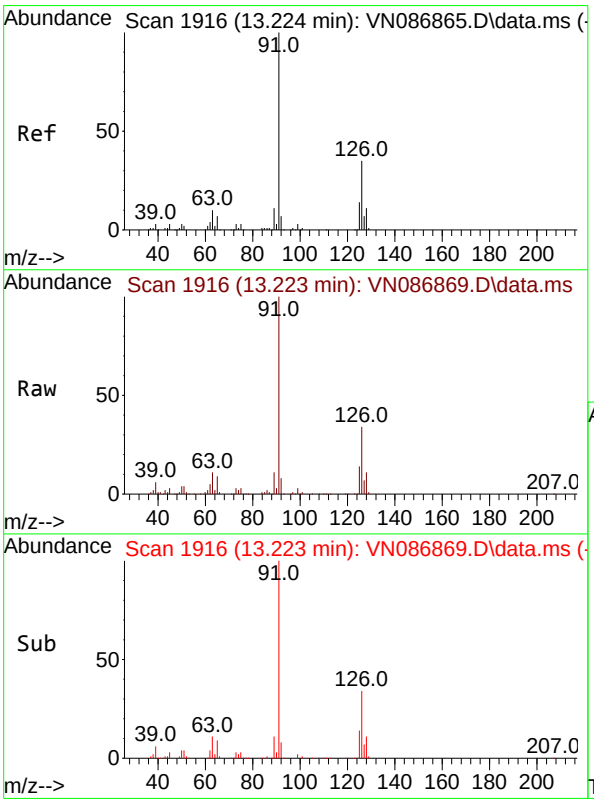
#81
trans-1,4-Dichloro-2-butene
Concen: 55.702 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 75 Resp: 99341

Ion	Ratio	Lower	Upper
75	100		
53	83.7	66.6	99.8
89	40.4	36.7	55.1

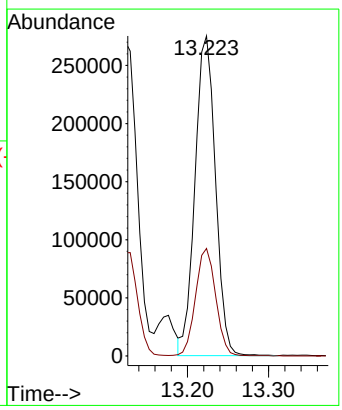


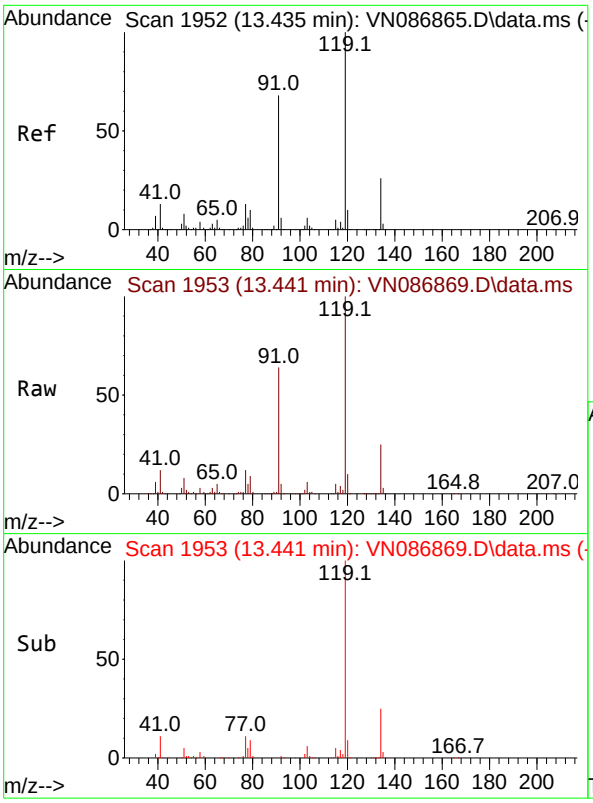


#82
4-Chlorotoluene
Concen: 51.884 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 91 Resp: 481403

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.7	50.1



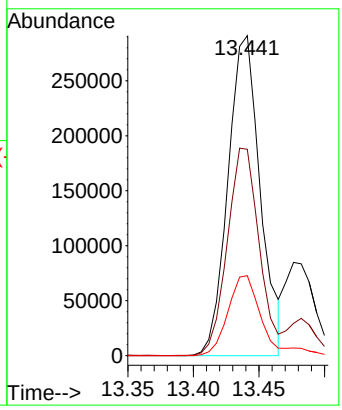


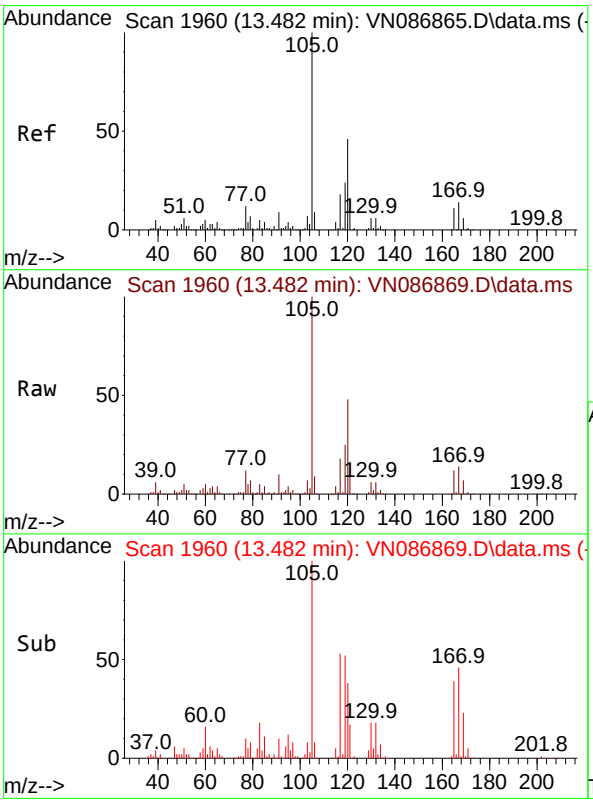
#83
tert-Butylbenzene
Concen: 52.532 ug/l
RT: 13.441 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:119 Resp: 499519

Ion	Ratio	Lower	Upper
119	100		
91	63.9	32.1	96.5
134	26.4	13.4	40.1

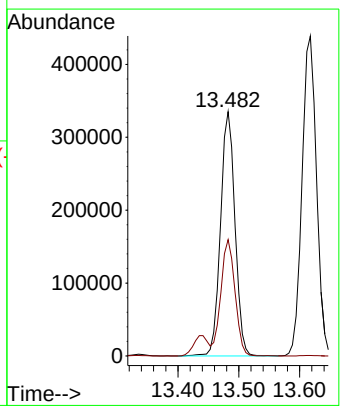


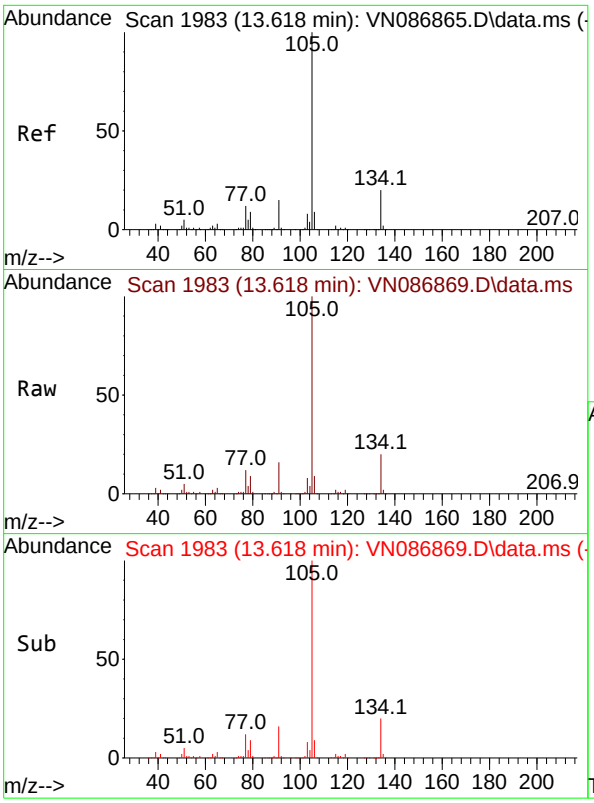


#84
1,2,4-Trimethylbenzene
Concen: 53.024 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:105 Resp: 552333

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.2	69.6



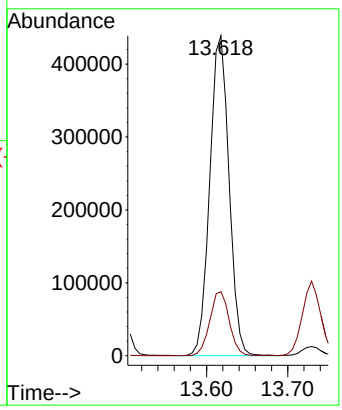


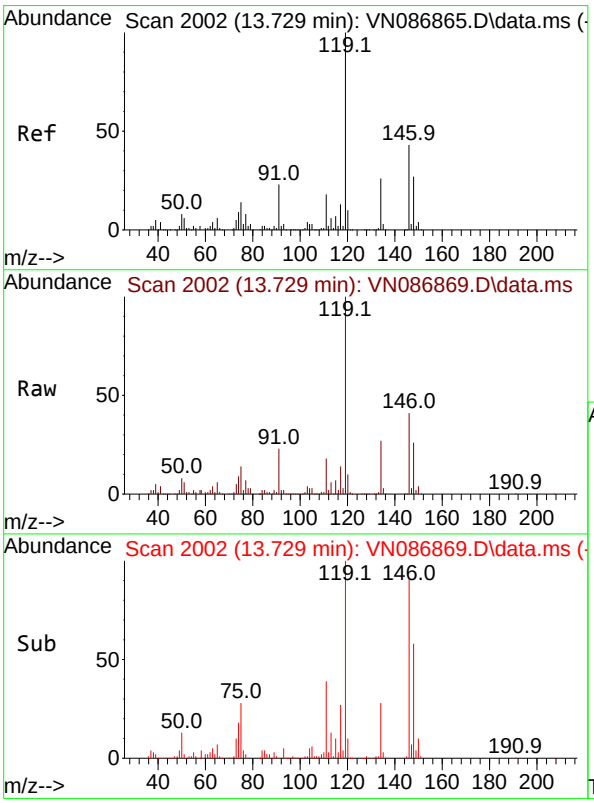
#85
sec-Butylbenzene
Concen: 52.428 ug/l
RT: 13.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:105 Resp: 723986

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	30.0

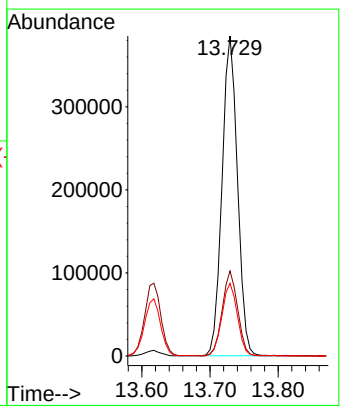


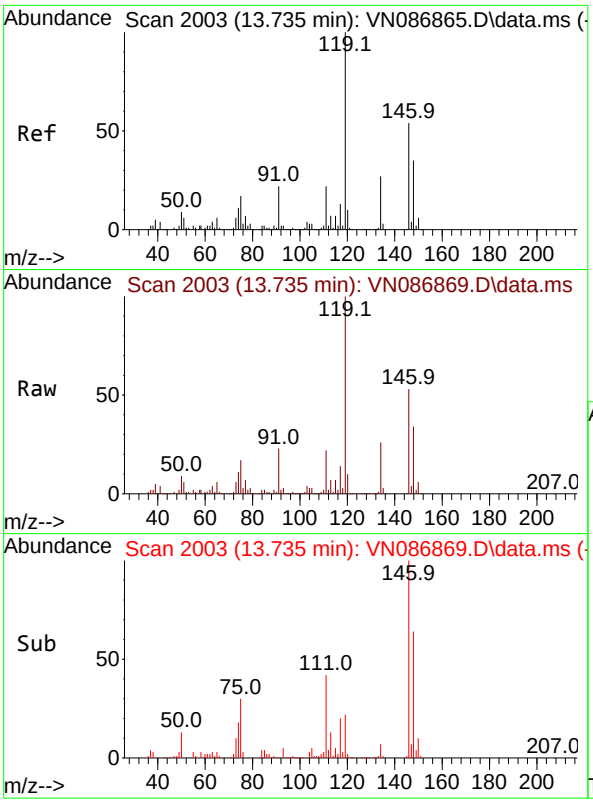


#86
p-Isopropyltoluene
Concen: 53.174 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:119 Resp: 606979

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.5	40.4
91	22.7	11.5	34.4



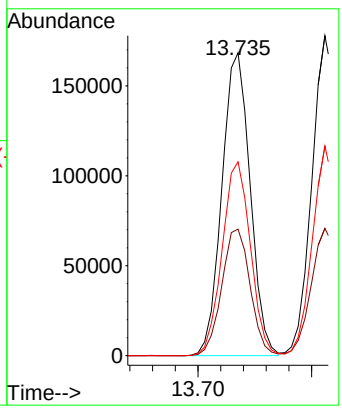


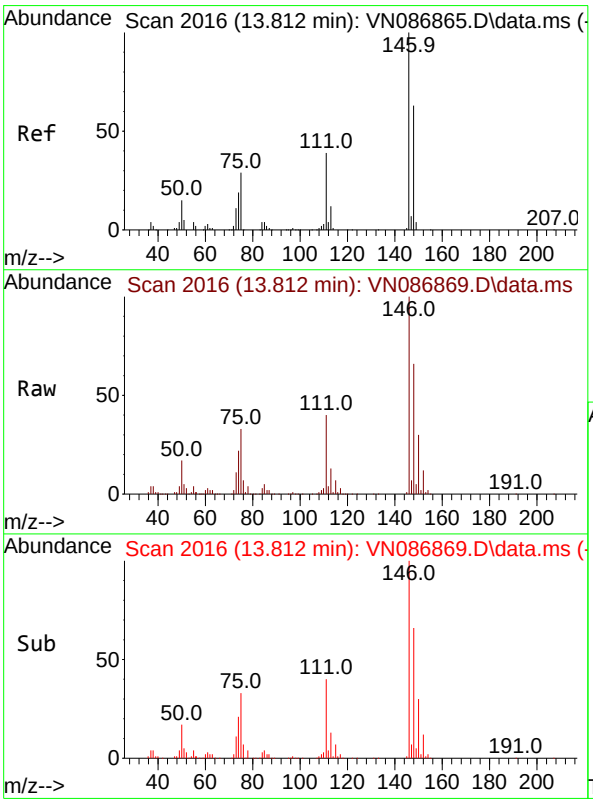
#87
1,3-Dichlorobenzene
Concen: 51.224 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:146 Resp: 290810

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.9	62.8
148	64.3	32.0	96.2

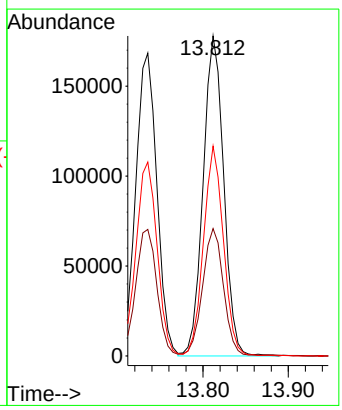


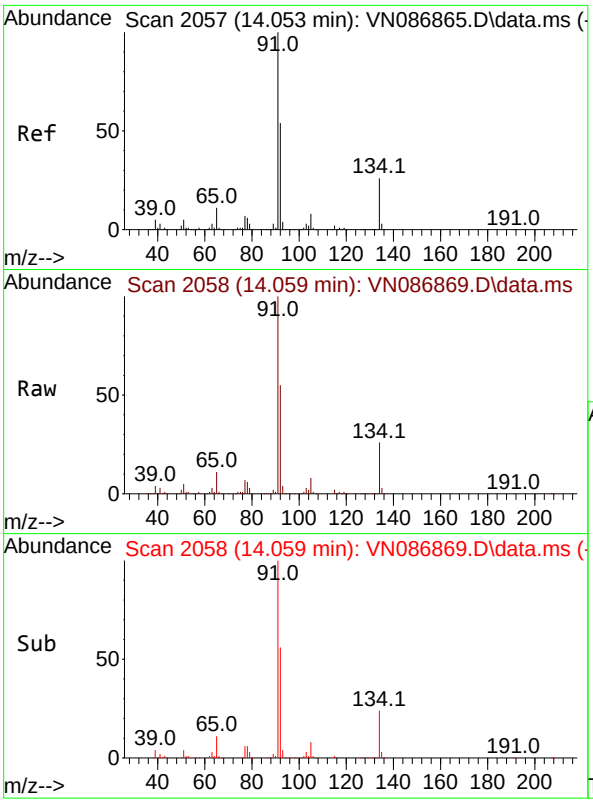


#88
1,4-Dichlorobenzene
Concen: 51.557 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:146 Resp: 298412

Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	63.3	31.8	95.4



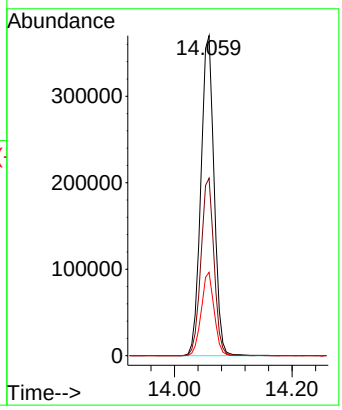


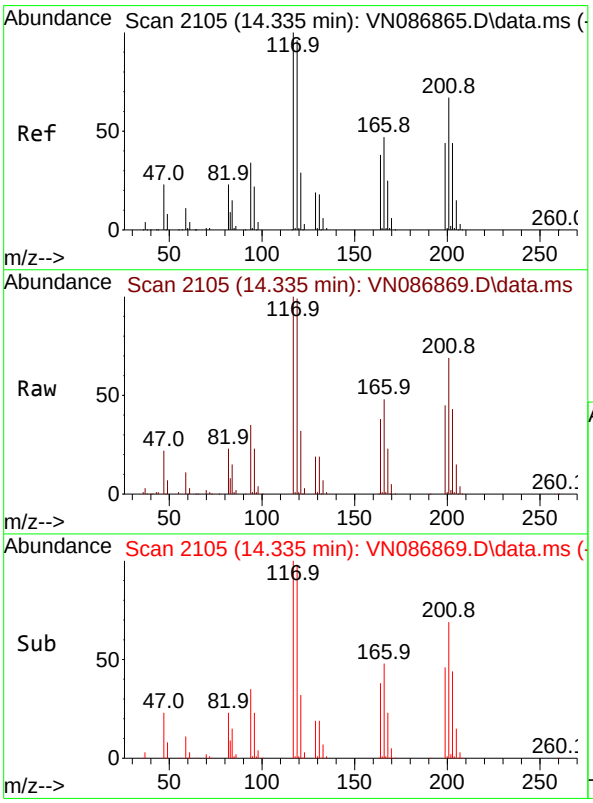
#89
n-Butylbenzene
Concen: 52.424 ug/l
RT: 14.059 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion: 91 Resp: 579636

Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.5	82.4
134	25.5	13.0	39.0

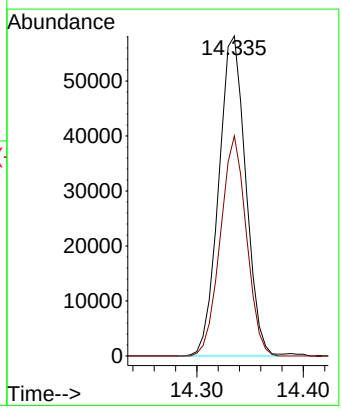


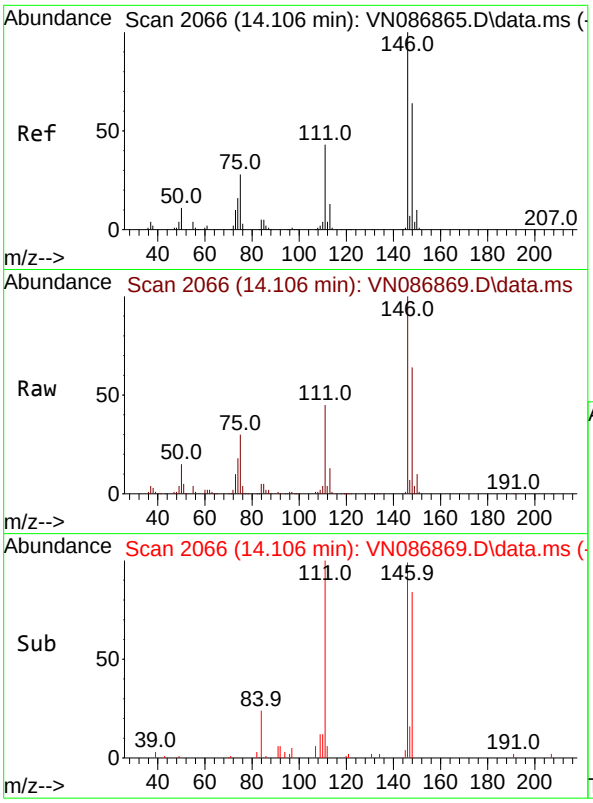


#90
Hexachloroethane
Concen: 52.847 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:117 Resp: 102254

Ion	Ratio	Lower	Upper
117	100		
201	66.4	33.2	99.6



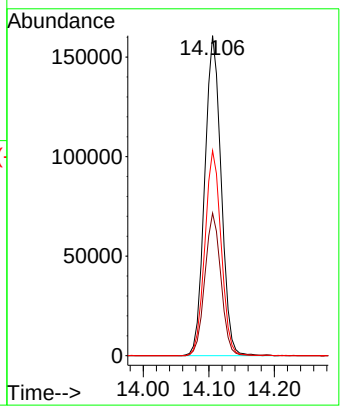


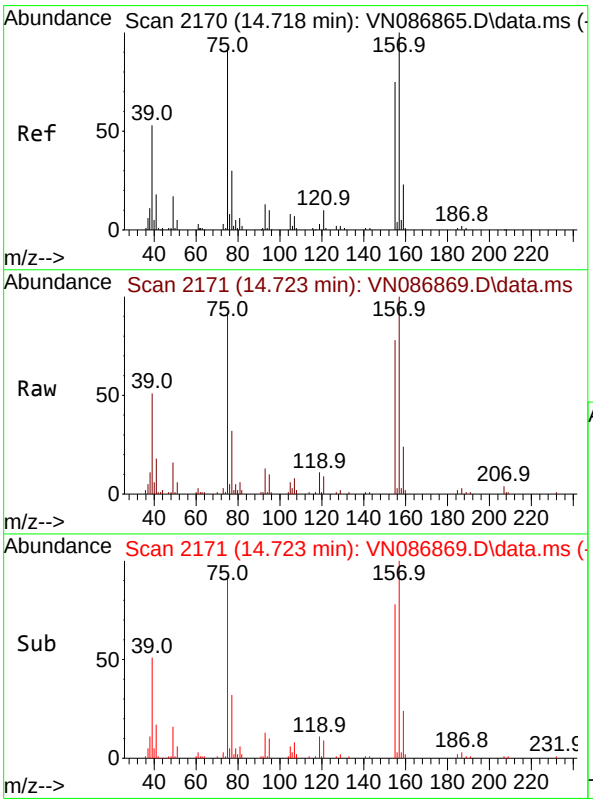
#91
1,2-Dichlorobenzene
Concen: 51.340 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:146 Resp: 280025

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.6
148	63.4	31.7	95.1

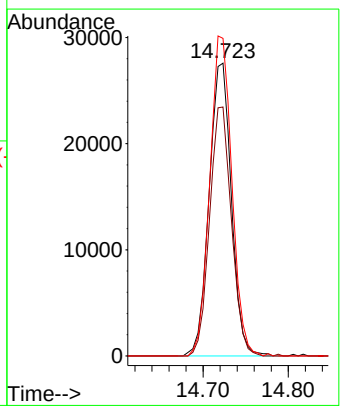


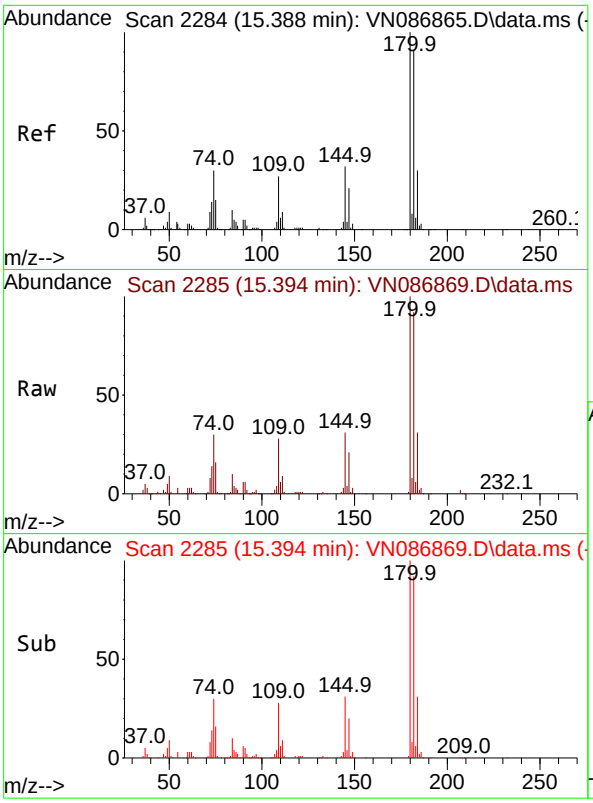


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.161 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 50115

Ion	Ratio	Lower	Upper
75	100		
155	83.5	41.1	123.4
157	108.6	52.7	158.1



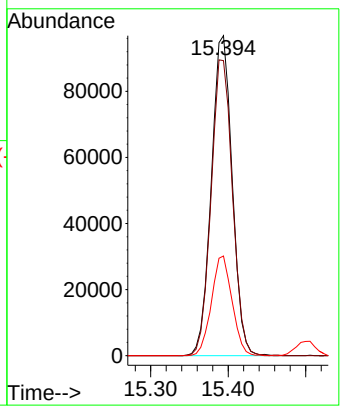


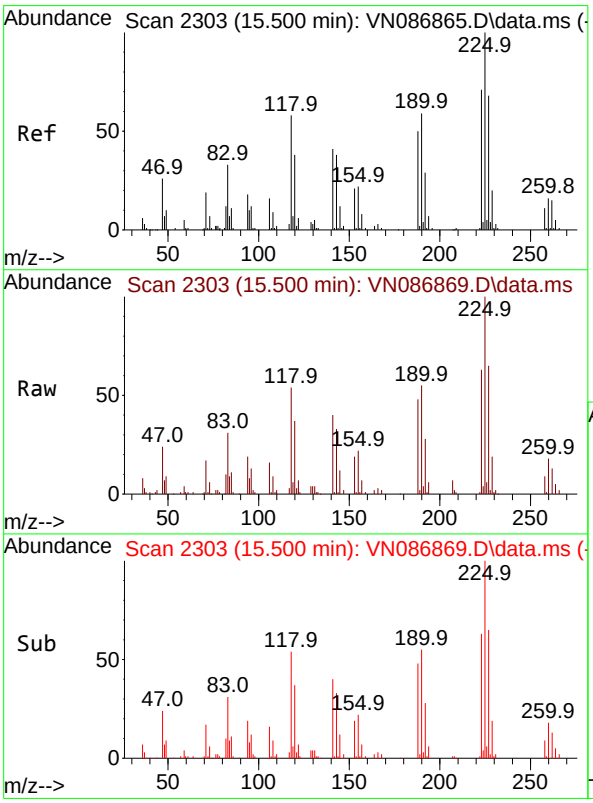
#93
1,2,4-Trichlorobenzene
Concen: 51.986 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:180 Resp: 181064

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.7
145	30.8	16.0	47.9

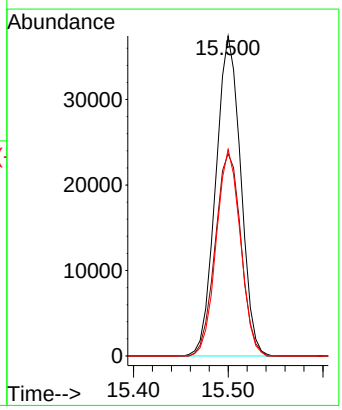


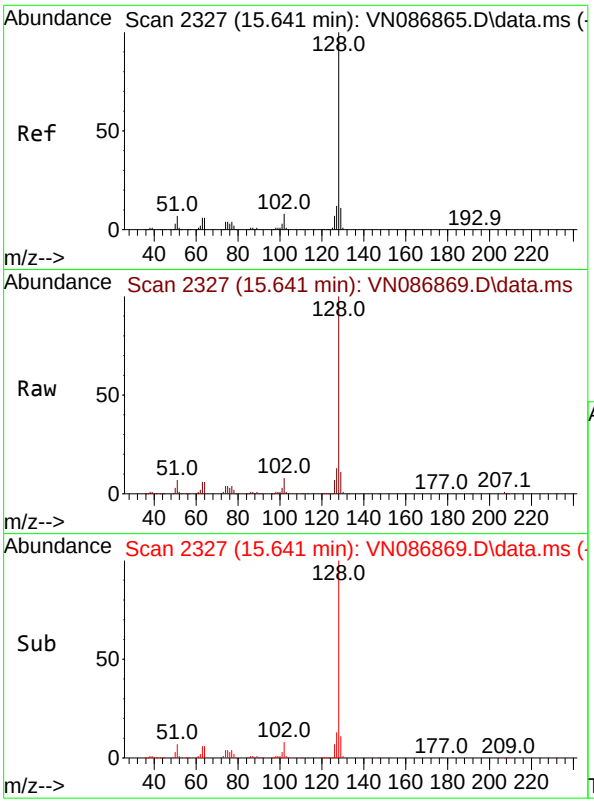


#94
Hexachlorobutadiene
Concen: 52.843 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:225 Resp: 68570

Ion	Ratio	Lower	Upper
225	100		
223	65.3	33.5	100.4
227	62.5	31.1	93.5



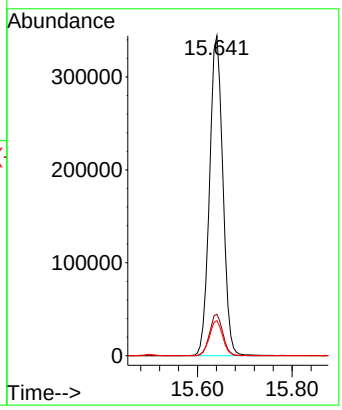


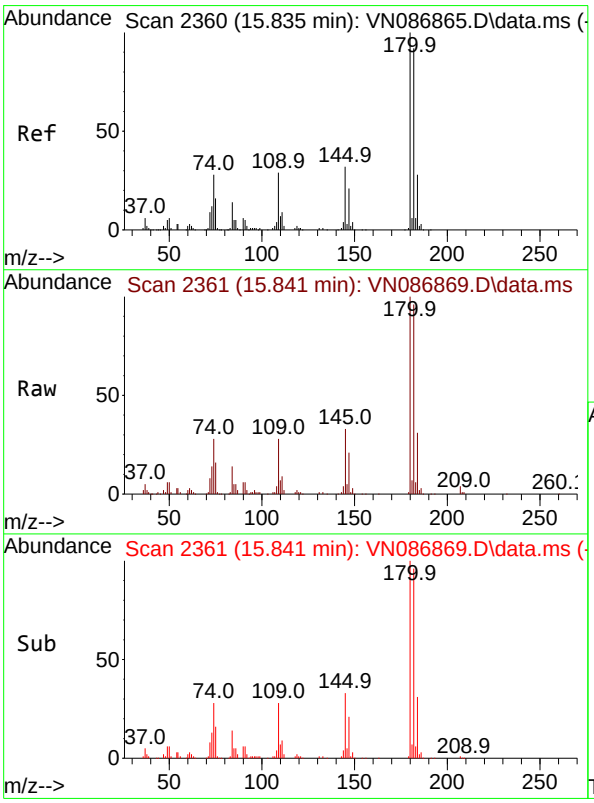
#95
Naphthalene
Concen: 52.005 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060625

Tgt Ion:128 Resp: 674187

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.8	13.2

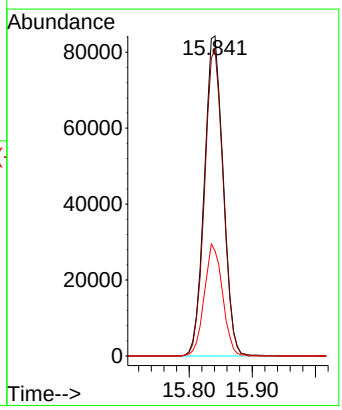




#96
1,2,3-Trichlorobenzene
Concen: 50.539 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086869.D
Acq: 06 Jun 2025 15:54

Tgt Ion:180 Resp: 174888

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.0	141.0
145	33.8	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	239452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	422119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	362285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146800	45.789	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.580%			
35) Dibromofluoromethane	8.171	113	127253	50.869	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	10.565	98	486698	49.146	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.300%			
62) 4-Bromofluorobenzene	12.847	95	177087	48.131	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	120199	50.345	ug/l	98
3) Chloromethane	2.395	50	132091	42.845	ug/l	99
4) Vinyl Chloride	2.554	62	156438	49.190	ug/l	98
5) Bromomethane	2.989	94	85611	48.104	ug/l	96
6) Chloroethane	3.154	64	100888	49.111	ug/l	96
7) Trichlorofluoromethane	3.530	101	203113	48.882	ug/l	99
8) Diethyl Ether	3.983	74	90847	50.181	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.395	101	126828	48.583	ug/l	98
10) Methyl Iodide	4.612	142	142941	42.239	ug/l	99
11) Tert butyl alcohol	5.536	59	177401	203.929	ug/l	99
12) 1,1-Dichloroethene	4.371	96	131127	49.200	ug/l	96
13) Acrolein	4.195	56	63063	229.021	ug/l	98
14) Allyl chloride	5.048	41	197016	44.573	ug/l	96
15) Acrylonitrile	5.736	53	467151	229.750	ug/l	100
16) Acetone	4.442	43	416888	245.204	ug/l	100
17) Carbon Disulfide	4.736	76	341962	46.386	ug/l	99
18) Methyl Acetate	5.042	43	225420	45.497	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	478684	49.605	ug/l	99
20) Methylene Chloride	5.295	84	147723	46.410	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	140464	47.370	ug/l	97
22) Diisopropyl ether	6.683	45	439557	47.178	ug/l	98
23) Vinyl Acetate	6.618	43	1865051	236.925	ug/l	98
24) 1,1-Dichloroethane	6.589	63	258382	48.190	ug/l	100
25) 2-Butanone	7.489	43	590344	213.617	ug/l	96
26) 2,2-Dichloropropane	7.500	77	225847	54.150	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	172582	48.666	ug/l	99
28) Bromochloromethane	7.824	49	113231	42.951	ug/l	92
29) Tetrahydrofuran	7.847	42	389154	216.165	ug/l	96
30) Chloroform	7.977	83	252183	47.097	ug/l	99
31) Cyclohexane	8.265	56	217182	41.767	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	214121	47.016	ug/l	98
36) 1,1-Dichloropropene	8.377	75	184378	49.463	ug/l	99
37) Ethyl Acetate	7.571	43	220517	46.471	ug/l	98
38) Carbon Tetrachloride	8.371	117	181026	49.466	ug/l	99
39) Methylcyclohexane	9.606	83	220974	43.269	ug/l	93
40) Benzene	8.612	78	591102	48.493	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	120605	45.256	ug/l		93
42) 1,2-Dichloroethane	8.677	62	179943	48.671	ug/l		100
43) Isopropyl Acetate	8.694	43	350324	45.998	ug/l		97
44) Trichloroethene	9.359	130	145683	50.404	ug/l		96
45) 1,2-Dichloropropane	9.624	63	145320	49.004	ug/l		100
46) Dibromomethane	9.712	93	99996	50.766	ug/l		99
47) Bromodichloromethane	9.888	83	202301	49.918	ug/l		99
48) Methyl methacrylate	9.683	41	159853	45.601	ug/l		96
49) 1,4-Dioxane	9.700	88	56947	892.983	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.447	43	1081942	235.975	ug/l		97
52) Toluene	10.630	92	367587	49.345	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	234554	51.759	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	249744	51.506	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	142700	49.785	ug/l		98
56) Ethyl methacrylate	10.877	69	248574	54.447	ug/l		93
57) 1,3-Dichloropropane	11.165	76	244911	49.255	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	665707	244.474	ug/l		97
59) 2-Hexanone	11.200	43	715095	242.131	ug/l		93
60) Dibromochloromethane	11.359	129	153400	51.366	ug/l		99
61) 1,2-Dibromoethane	11.471	107	147800	50.307	ug/l		97
64) Tetrachloroethene	11.106	164	111601	48.675	ug/l		97
65) Chlorobenzene	11.888	112	404797	50.661	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	132787	51.699	ug/l		99
67) Ethyl Benzene	11.965	91	668179	48.548	ug/l		99
68) m/p-Xylenes	12.071	106	526722	99.975	ug/l		99
69) o-Xylene	12.394	106	258839	51.297	ug/l		95
70) Styrene	12.412	104	446437	51.704	ug/l		99
71) Bromoform	12.576	173	104086	54.693	ug/l	#	100
73) Isopropylbenzene	12.694	105	621794	49.917	ug/l		99
74) N-amyl acetate	12.506	43	231590	53.204	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.935	83	216753	51.363	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	299918	73.791	ug/l		68
77) Bromobenzene	12.976	156	154418	54.054	ug/l		97
78) n-propylbenzene	13.035	91	736021	48.621	ug/l		98
79) 2-Chlorotoluene	13.124	91	443618	48.865	ug/l		97
80) 1,3,5-Trimethylbenzene	13.171	105	505593	49.161	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	97884	55.438	ug/l		94
82) 4-Chlorotoluene	13.218	91	463176	50.423	ug/l		99
83) tert-Butylbenzene	13.435	119	440956	46.840	ug/l		99
84) 1,2,4-Trimethylbenzene	13.476	105	509675	49.422	ug/l		98
85) sec-Butylbenzene	13.612	105	629702	46.060	ug/l		99
86) p-Isopropyltoluene	13.729	119	535293	47.367	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	286869	51.039	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	290947	50.774	ug/l		100
89) n-Butylbenzene	14.053	91	485793	44.380	ug/l		99
90) Hexachloroethane	14.329	117	92000	48.027	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	274399	50.816	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	47339	46.906	ug/l		93
93) 1,2,4-Trichlorobenzene	15.388	180	156993	45.529	ug/l		99
94) Hexachlorobutadiene	15.500	225	48622	37.848	ug/l		95
95) Naphthalene	15.635	128	625189	48.711	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	146962	42.897	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

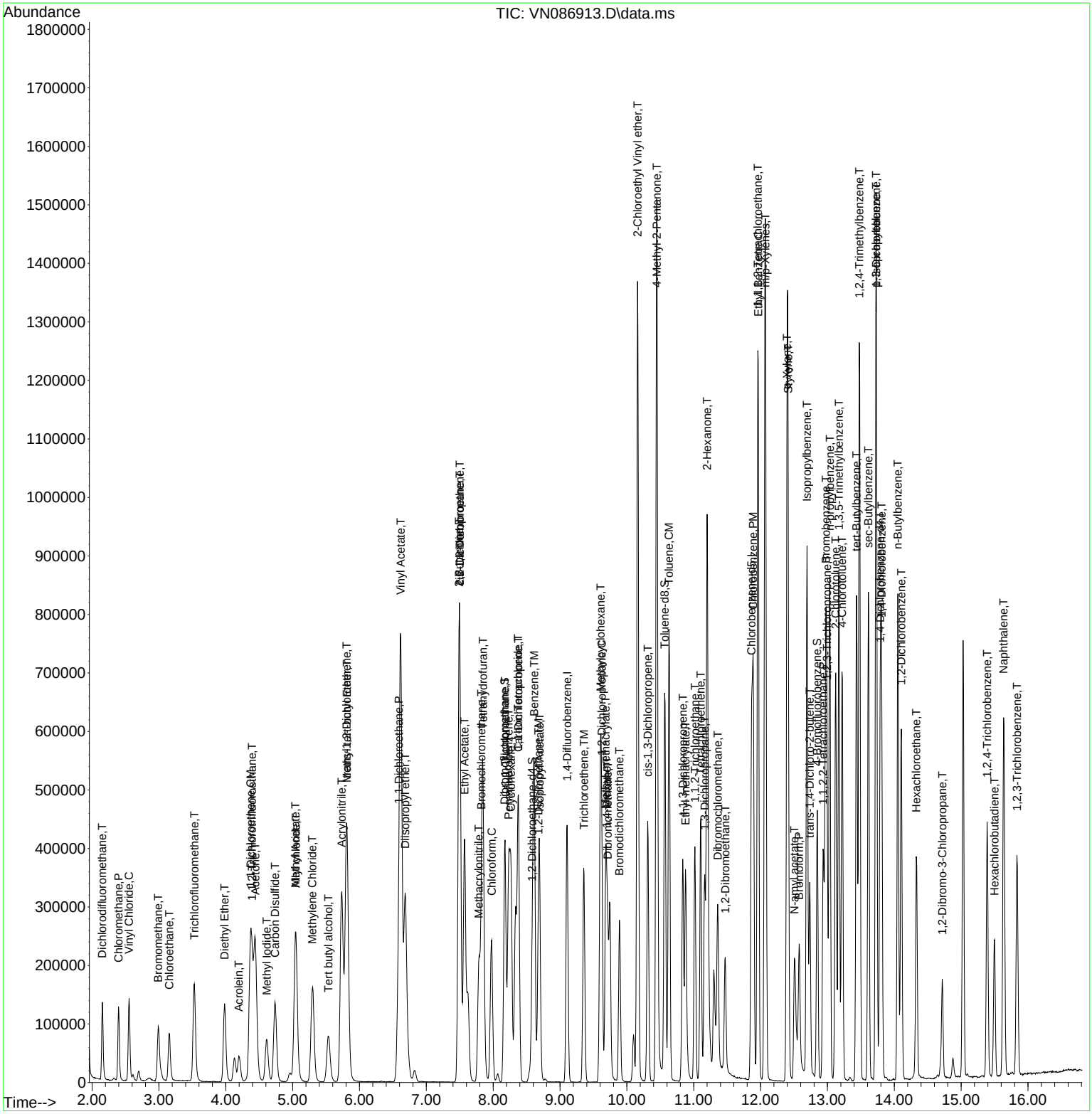
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

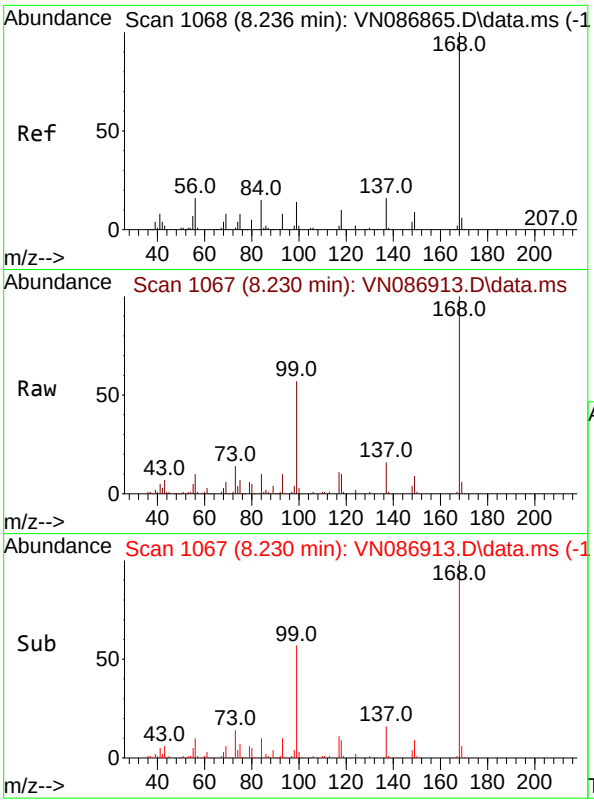
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086913.D
Acq On : 10 Jun 2025 09:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



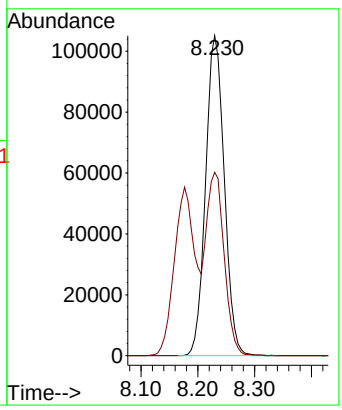


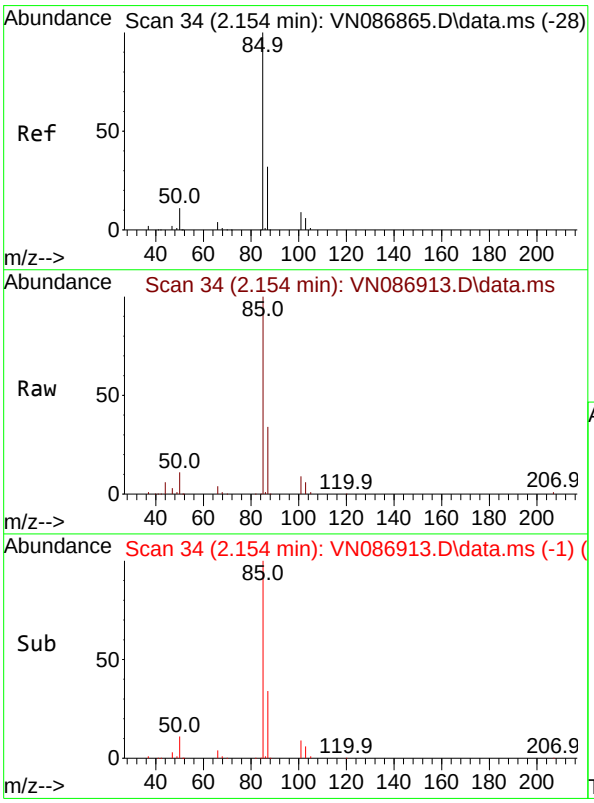
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 239452

Ion	Ratio	Lower	Upper
168	100		
99	57.3	49.1	73.7

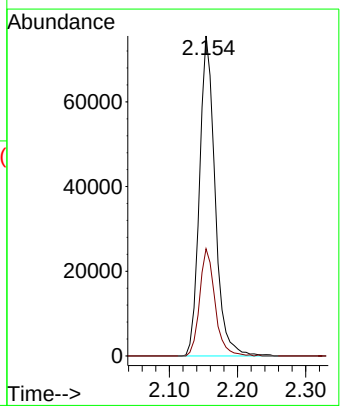


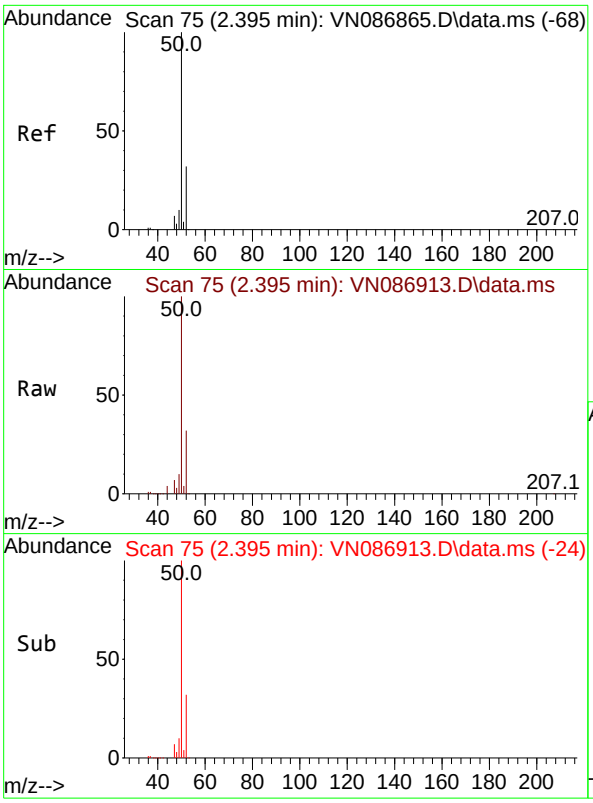


#2
Dichlorodifluoromethane
Concen: 50.345 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 85 Resp: 120199

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.2	48.6



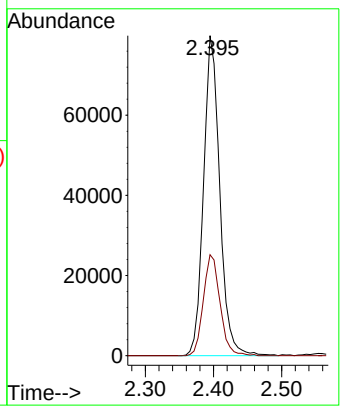


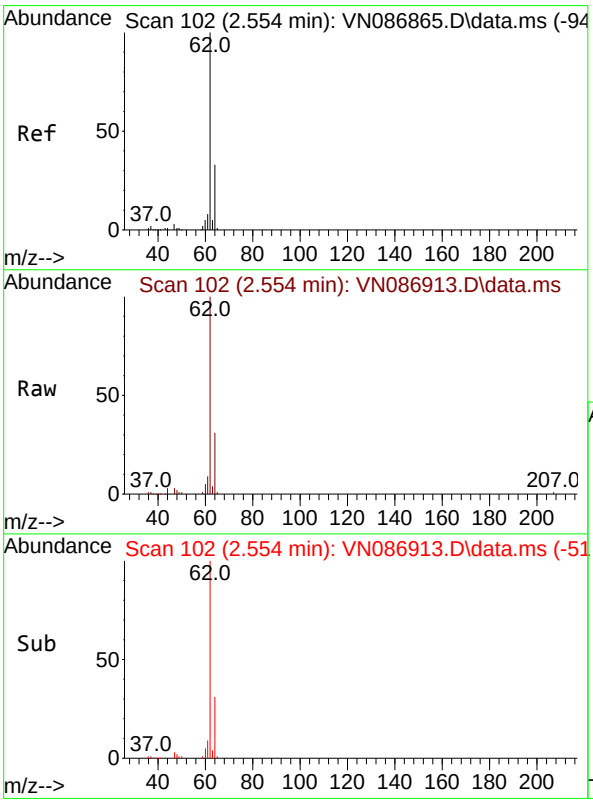
#3
Chloromethane
Concen: 42.845 ug/l
RT: 2.395 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 132091

Ion	Ratio	Lower	Upper
50	100		
52	31.6	25.7	38.5

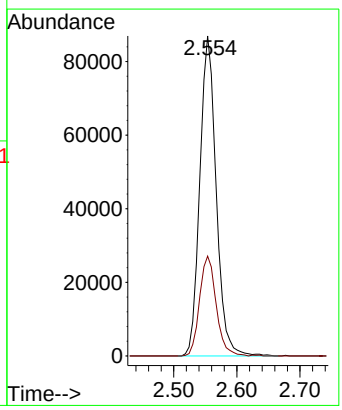


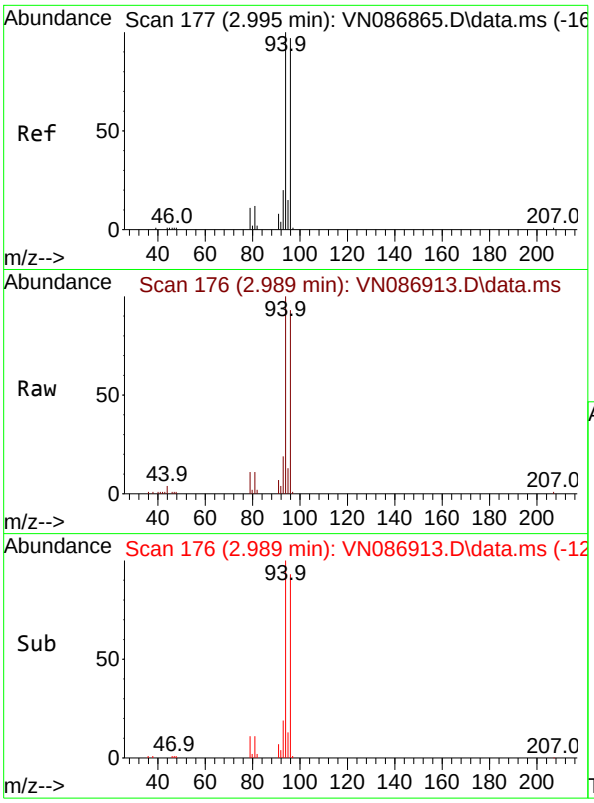


#4
Vinyl Chloride
Concen: 49.190 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 62 Resp: 156438

Ion	Ratio	Lower	Upper
62	100		
64	31.2	26.0	39.0



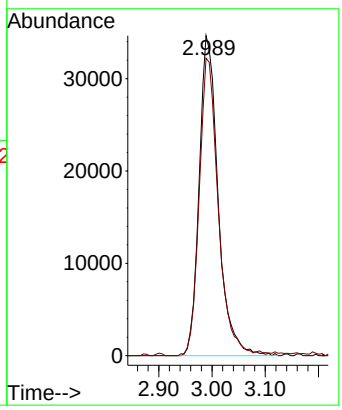


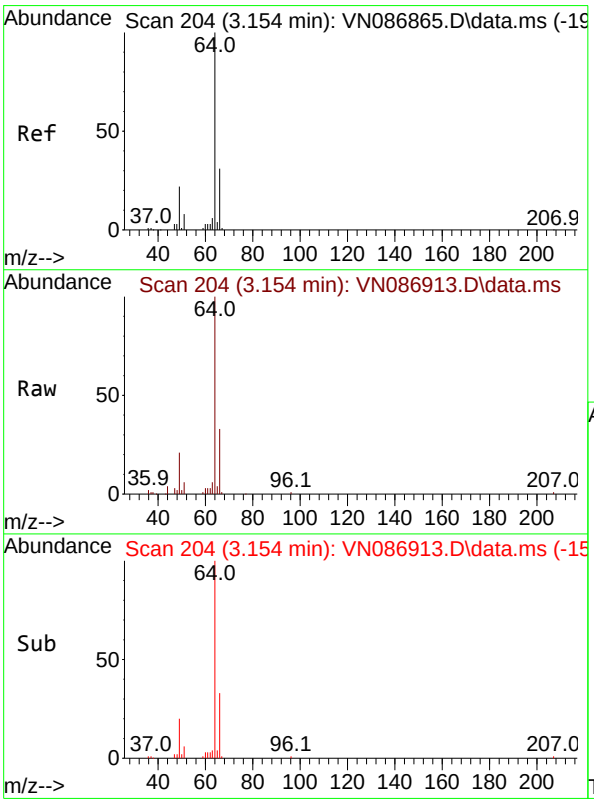
#5
Bromomethane
Concen: 48.104 ug/l
RT: 2.989 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 85611

Ion	Ratio	Lower	Upper
94	100		
96	93.0	77.9	116.9

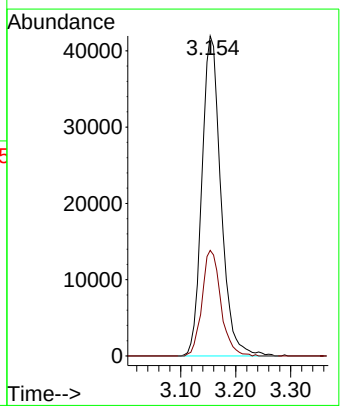


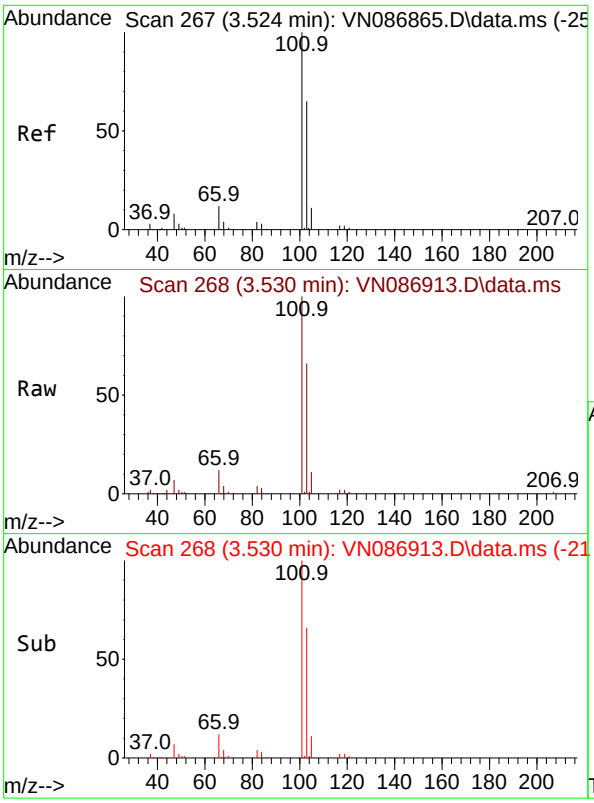


#6
Chloroethane
Concen: 49.111 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 64 Resp: 100888

Ion	Ratio	Lower	Upper
64	100		
66	33.0	24.6	36.8



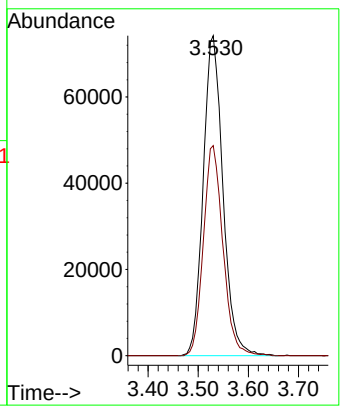


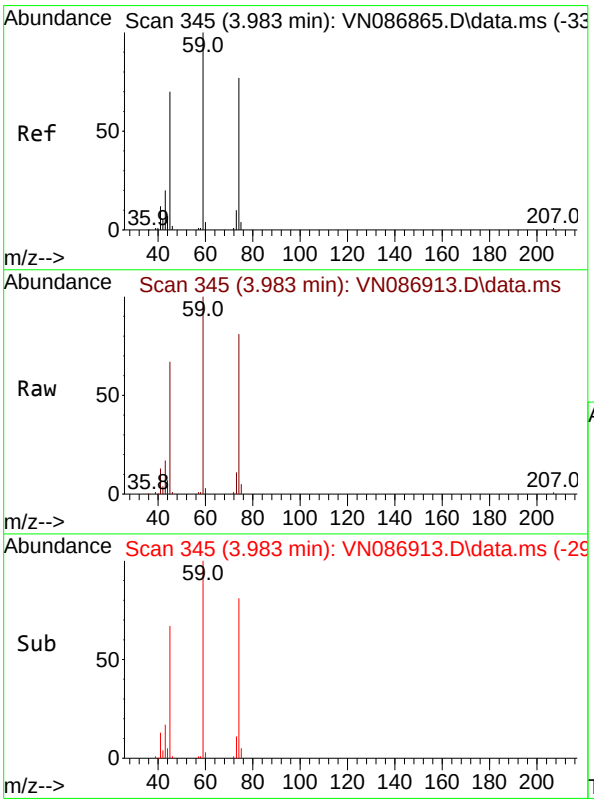
#7
Trichlorofluoromethane
Concen: 48.882 ug/l
RT: 3.530 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 203113

Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.2	78.2

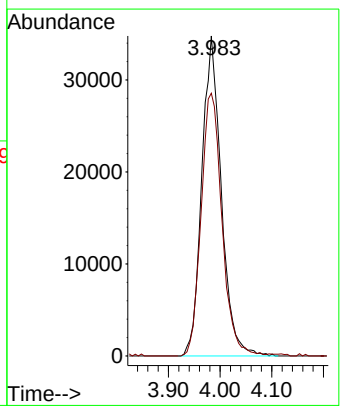


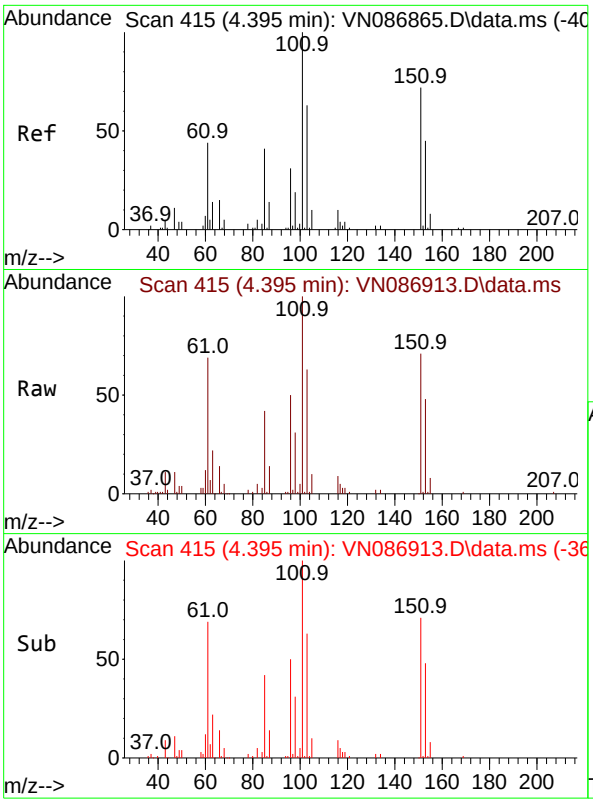


#8
Diethyl Ether
Concen: 50.181 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 74 Resp: 90847

Ion	Ratio	Lower	Upper
74	100		
45	88.0	45.5	136.5



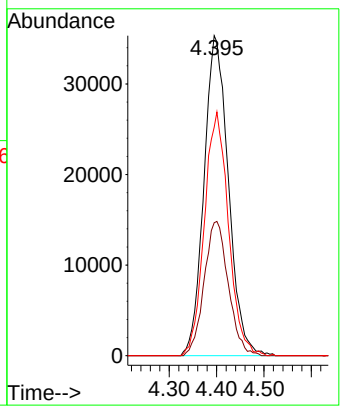


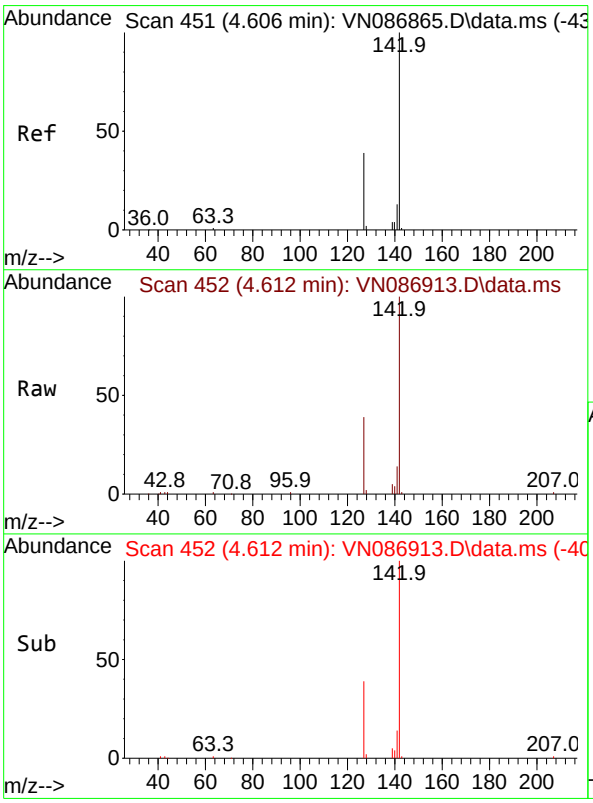
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.583 ug/l
RT: 4.395 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 126828

Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.8	50.8
151	75.0	58.7	88.1

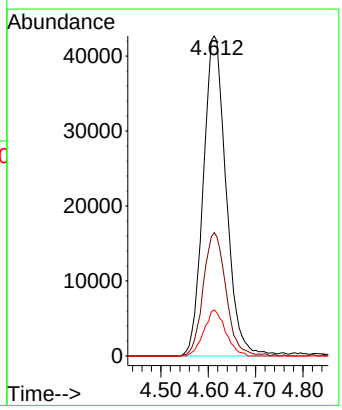


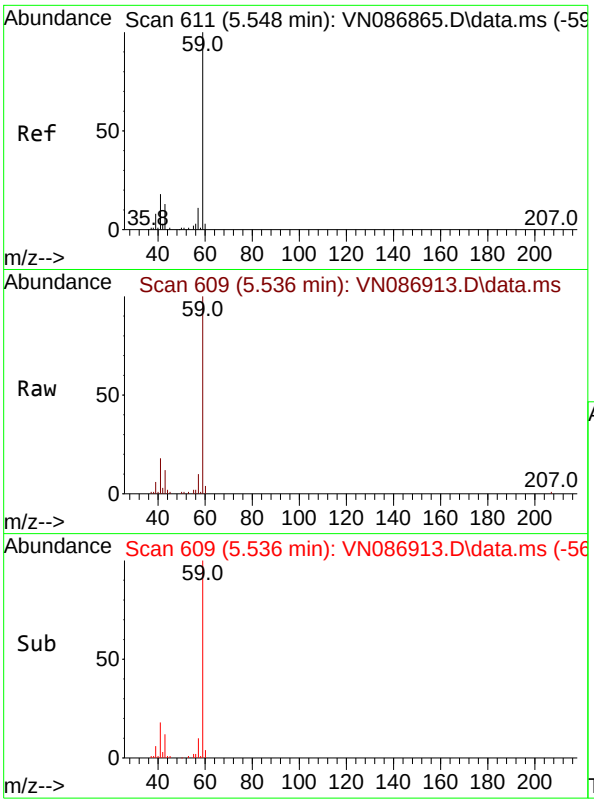


#10
Methyl Iodide
Concen: 42.239 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:142 Resp: 142941

Ion	Ratio	Lower	Upper
142	100		
127	38.6	30.9	46.3
141	14.4	10.4	15.6



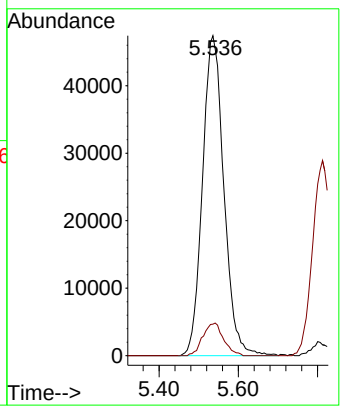


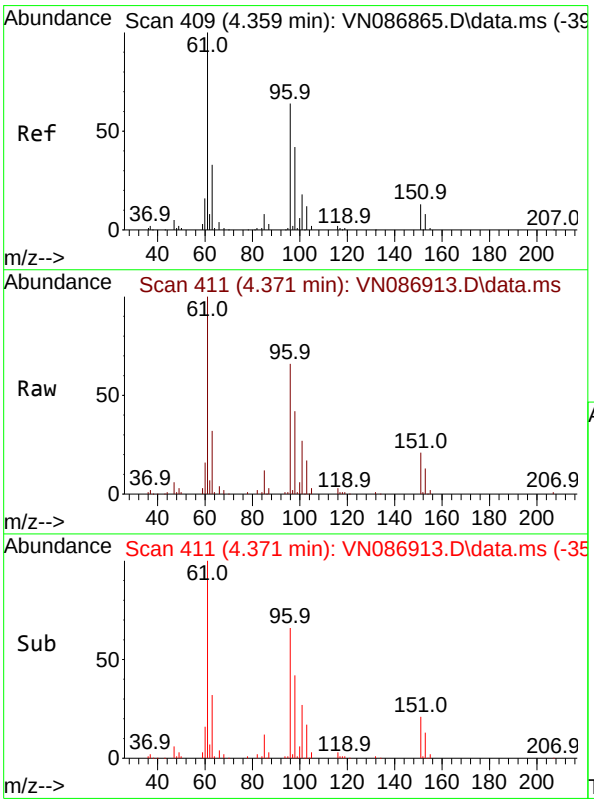
#11
Tert butyl alcohol
Concen: 203.929 ug/l
RT: 5.536 min Scan# 6
Delta R.T. -0.012 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 177401

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

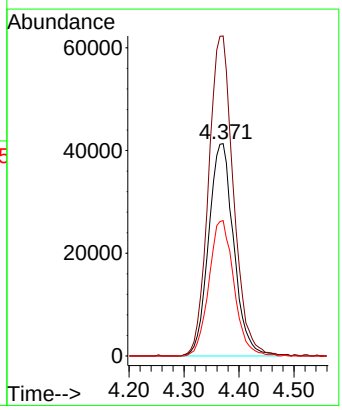


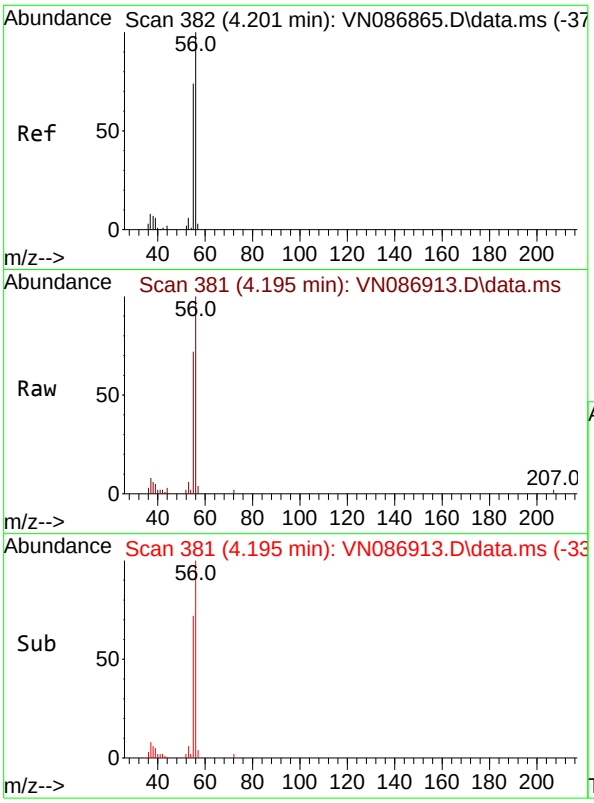


#12
1,1-Dichloroethene
Concen: 49.200 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 96 Resp: 131127

Ion	Ratio	Lower	Upper
96	100		
61	150.8	125.8	188.6
98	63.8	52.5	78.7



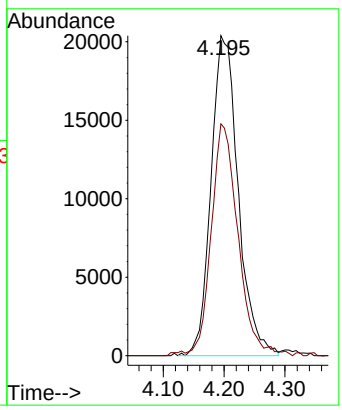


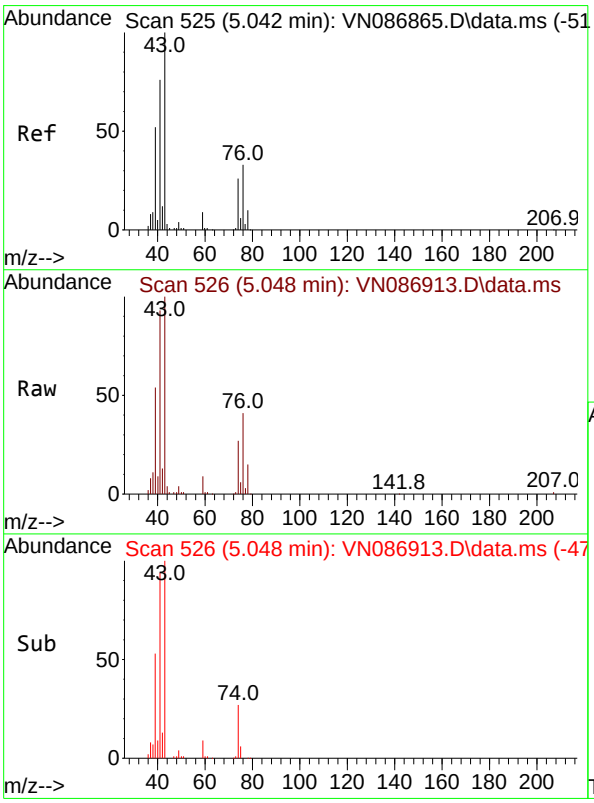
#13
Acrolein
Concen: 229.021 ug/l
RT: 4.195 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 63063

Ion	Ratio	Lower	Upper
56	100		
55	71.2	55.6	83.4

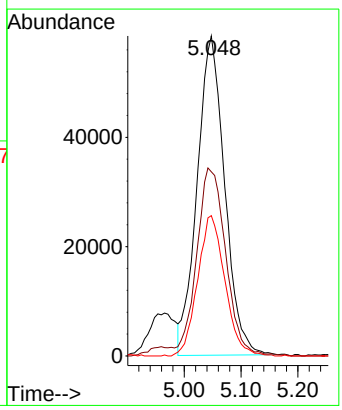


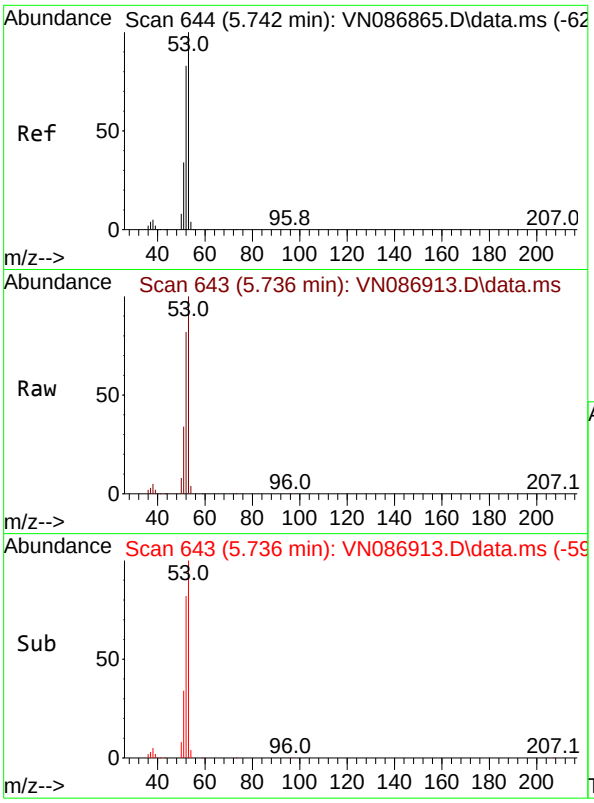


#14
Allyl chloride
Concen: 44.573 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 41 Resp: 197016

Ion	Ratio	Lower	Upper
41	100		
39	62.2	51.3	76.9
76	43.5	31.4	47.0



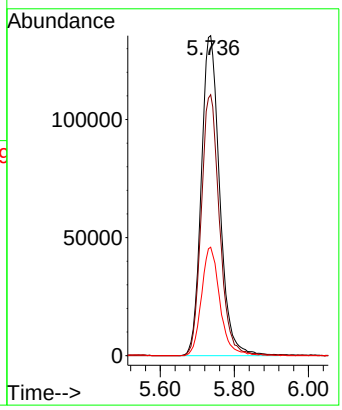


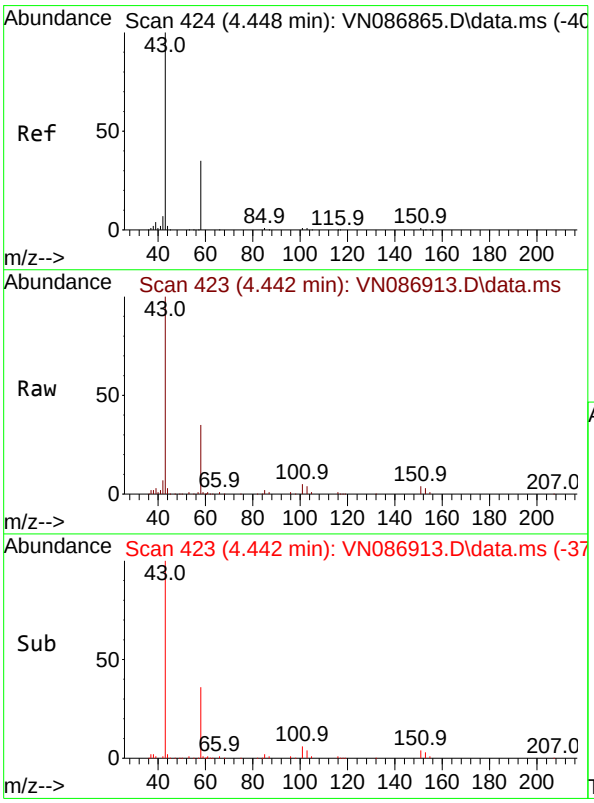
#15
Acrylonitrile
Concen: 229.750 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 467151

Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.0	97.6
51	34.0	27.2	40.8

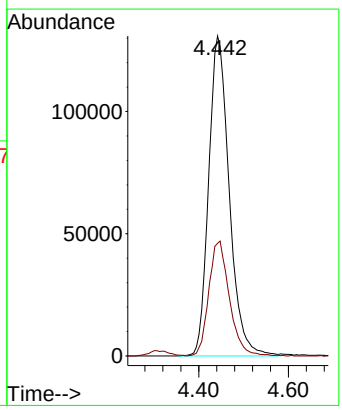


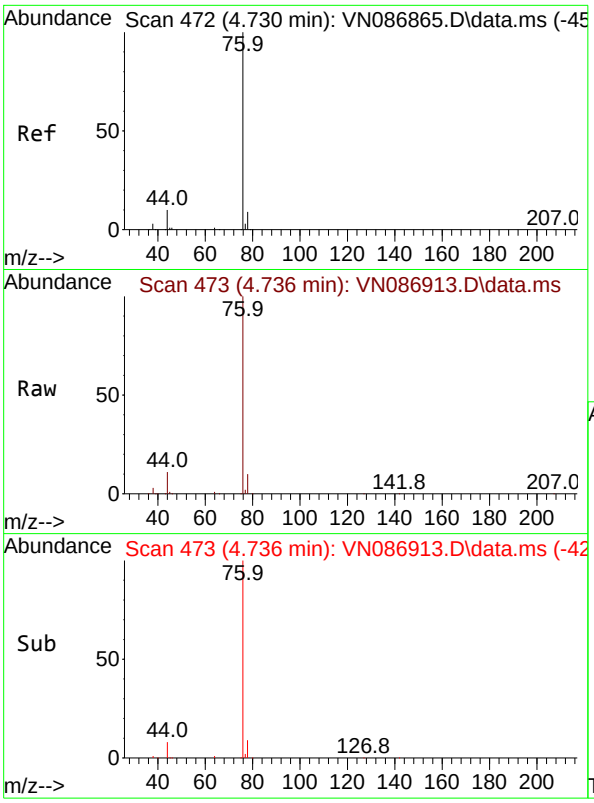


#16
Acetone
Concen: 245.204 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 416888

Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.0	42.0



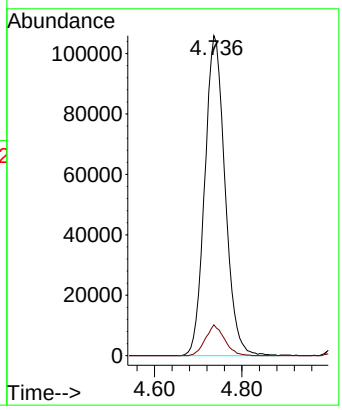


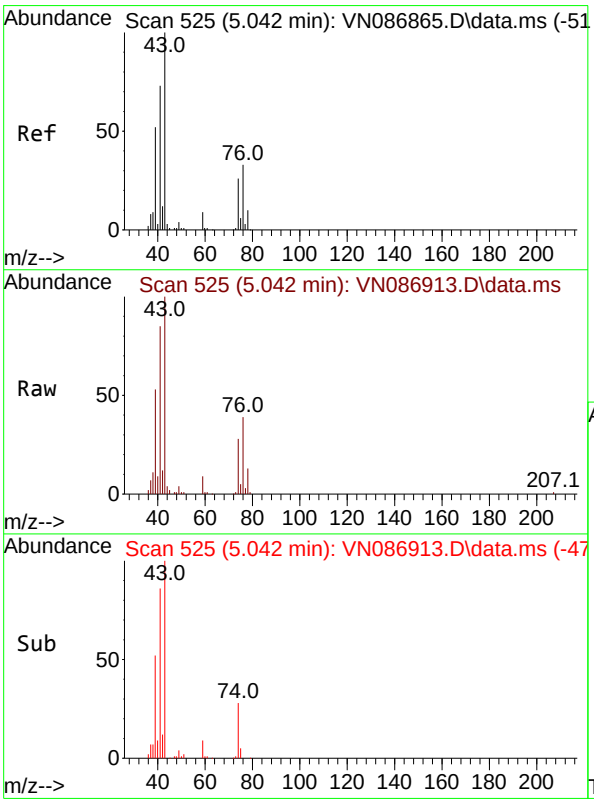
#17
Carbon Disulfide
Concen: 46.386 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 341962

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

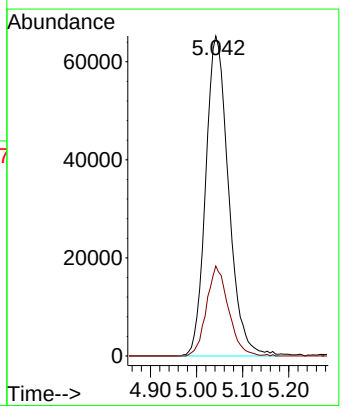


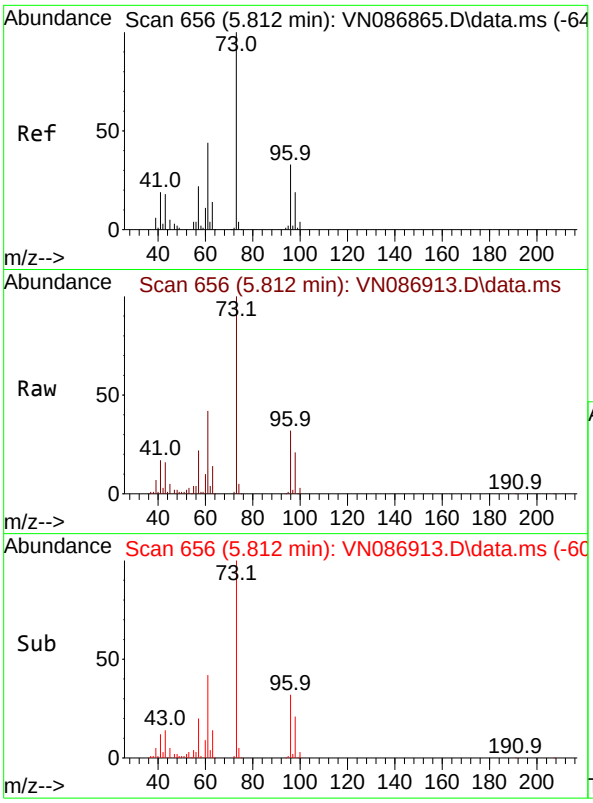


#18
Methyl Acetate
Concen: 45.497 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 225420

Ion	Ratio	Lower	Upper
43	100		
74	27.0	20.7	31.1



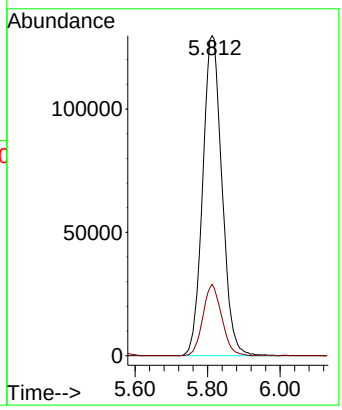


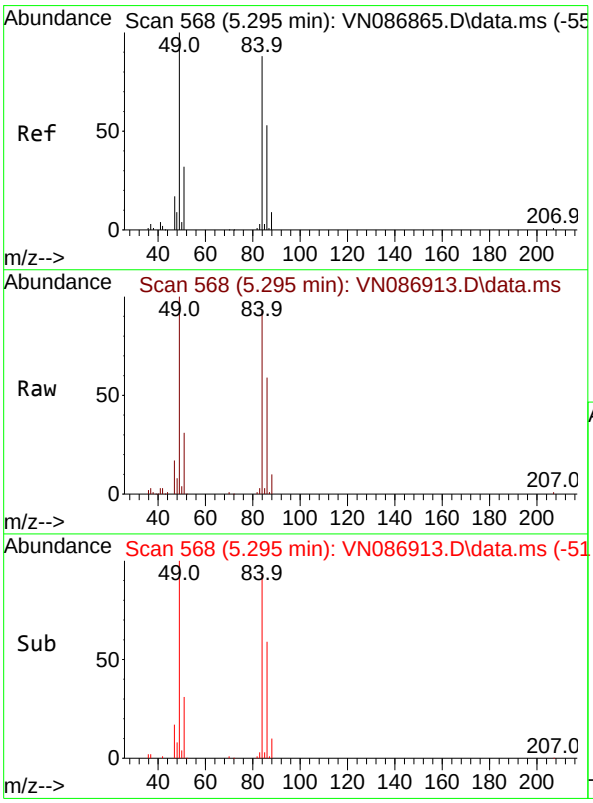
#19
Methyl tert-butyl Ether
Concen: 49.605 ug/l
RT: 5.812 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 478684

Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.4	26.2

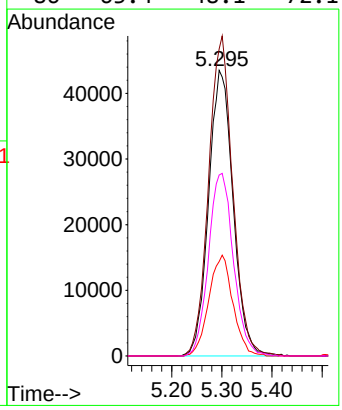


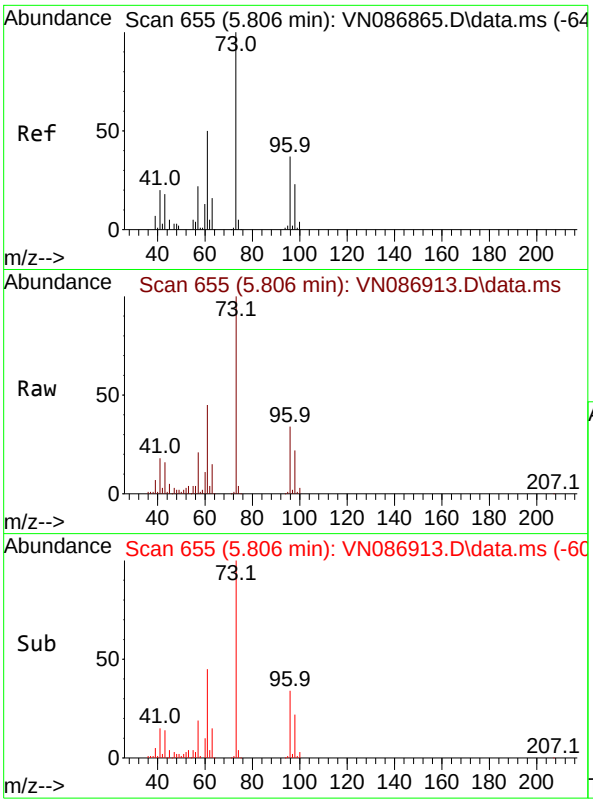


#20
Methylene Chloride
Concen: 46.410 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 84 Resp: 147723

Ion	Ratio	Lower	Upper
84	100		
49	107.5	90.5	135.7
51	33.1	28.5	42.7
86	63.4	48.1	72.1



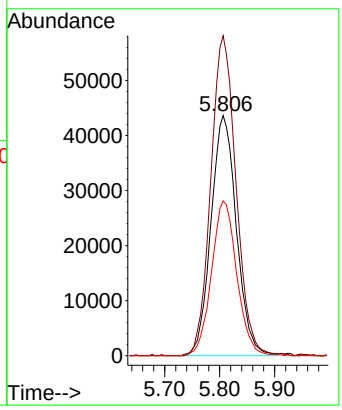


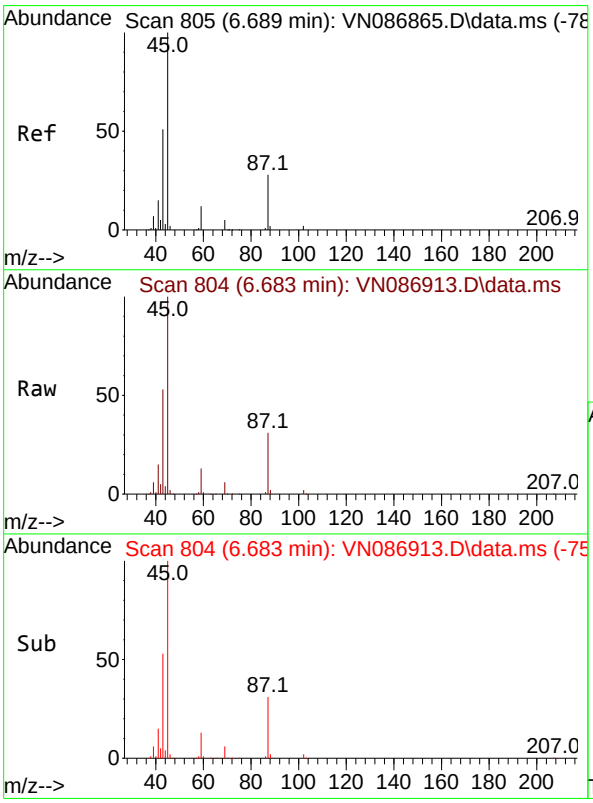
#21
trans-1,2-Dichloroethene
Concen: 47.370 ug/l
RT: 5.806 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 140464

Ion	Ratio	Lower	Upper
96	100		
61	133.3	109.2	163.8
98	64.4	49.8	74.8

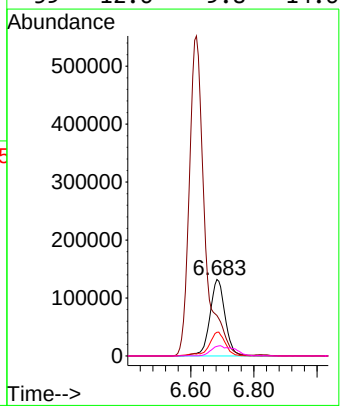


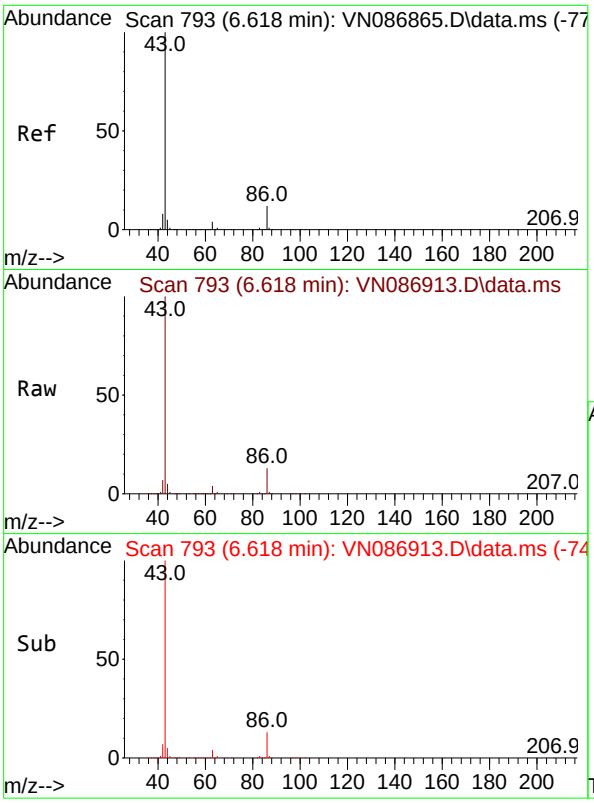


#22
Diisopropyl ether
Concen: 47.178 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 45 Resp: 439557

Ion	Ratio	Lower	Upper
45	100		
43	52.7	41.9	62.9
87	30.9	22.4	33.6
59	12.6	9.8	14.6



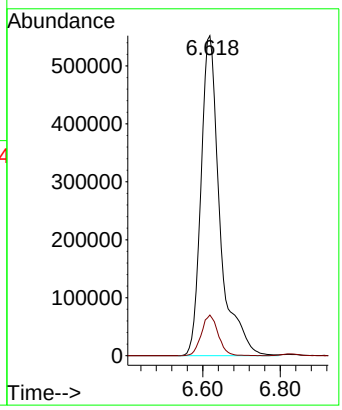


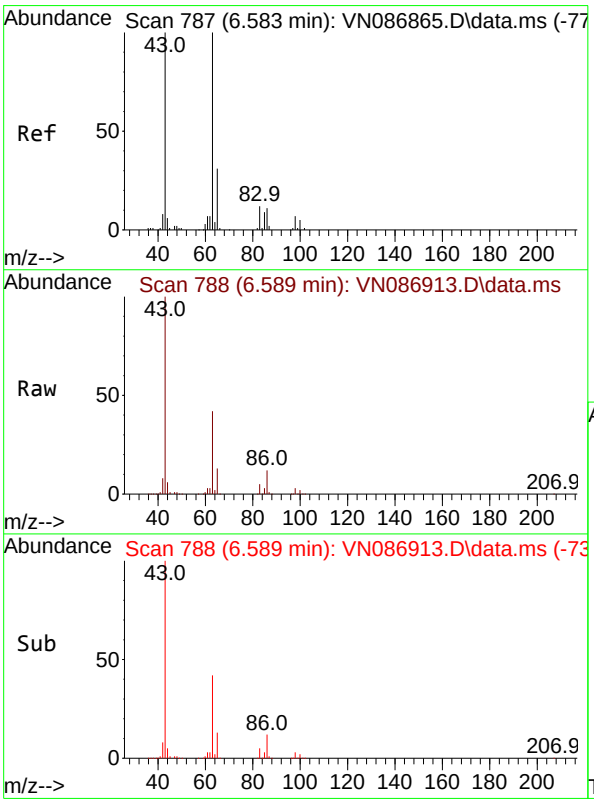
#23
Vinyl Acetate
Concen: 236.925 ug/l
RT: 6.618 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1865051

Ion	Ratio	Lower	Upper
43	100		
86	12.7	9.5	14.3

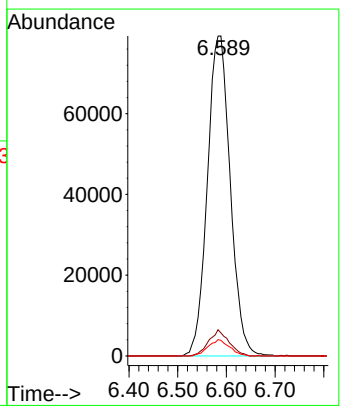


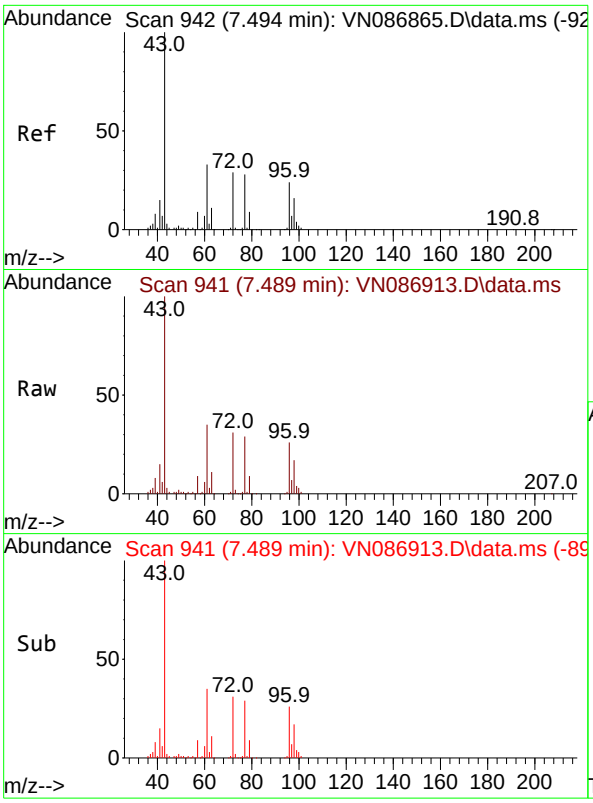


#24
1,1-Dichloroethane
Concen: 48.190 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 63 Resp: 258382

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	4.9	2.6	7.8



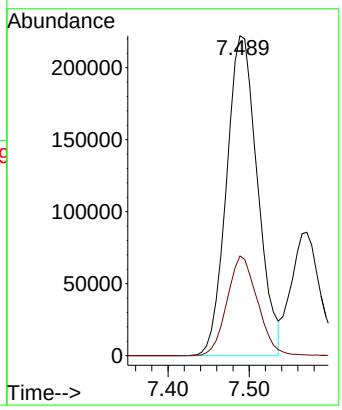


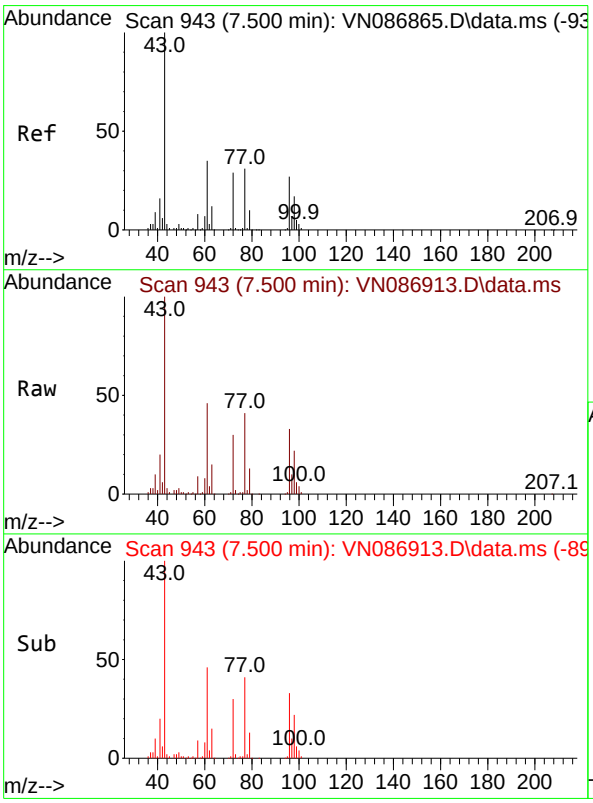
#25
2-Butanone
Concen: 213.617 ug/l
RT: 7.489 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 590344

Ion	Ratio	Lower	Upper
43	100		
72	31.2	23.0	34.6

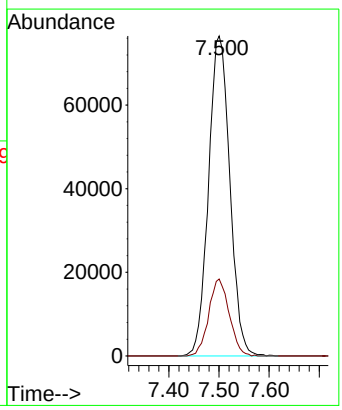


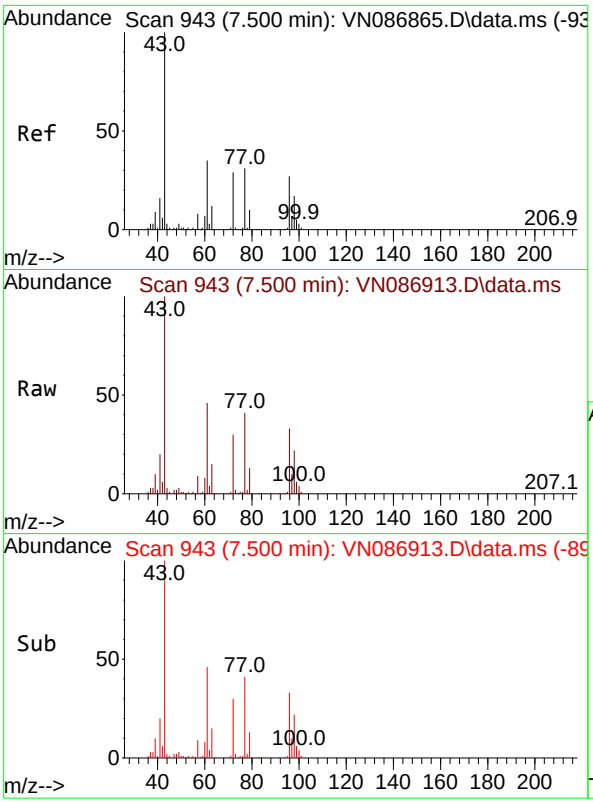


#26
2,2-Dichloropropane
Concen: 54.150 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 77 Resp: 225847

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.6	34.7



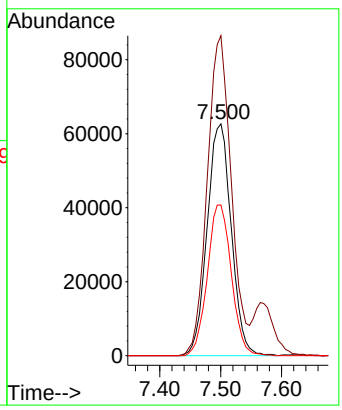


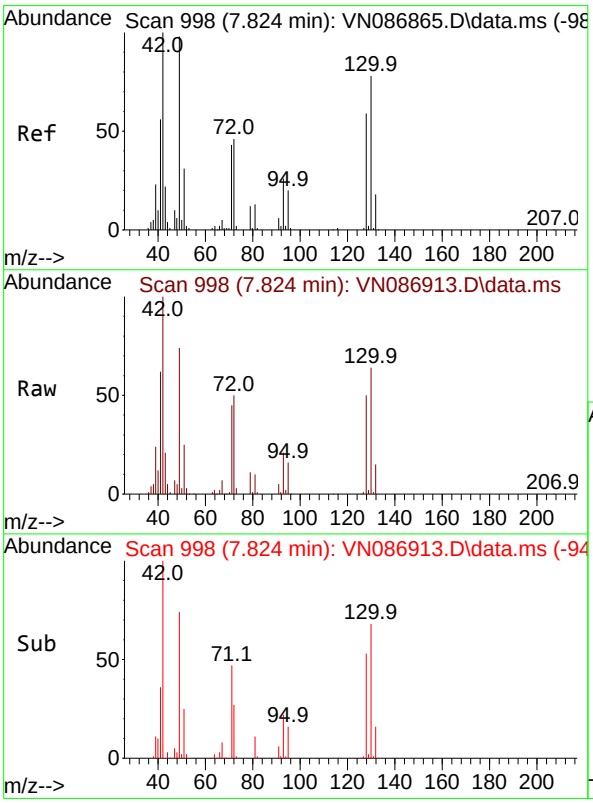
#27
cis-1,2-Dichloroethene
Concen: 48.666 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 172582

Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	278.0
98	64.6	0.0	128.2

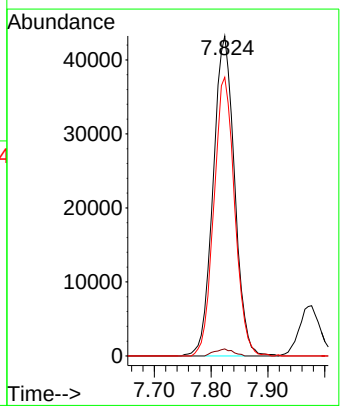


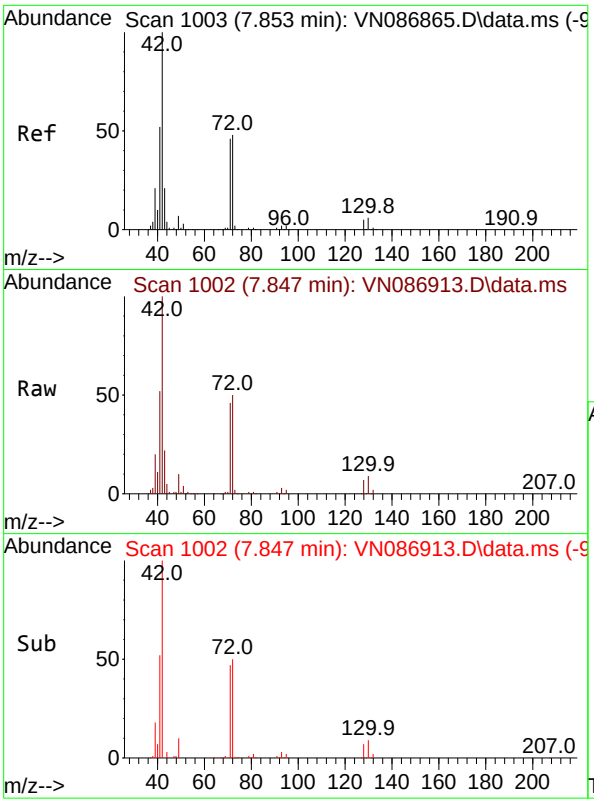


#28
Bromochloromethane
Concen: 42.951 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 49 Resp: 113231

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	84.6	62.2	93.2



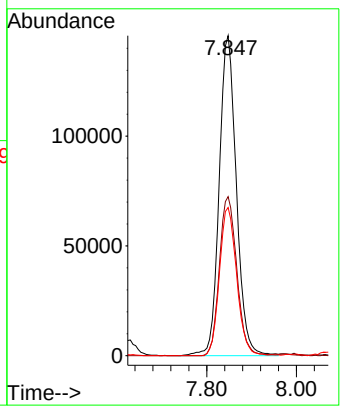


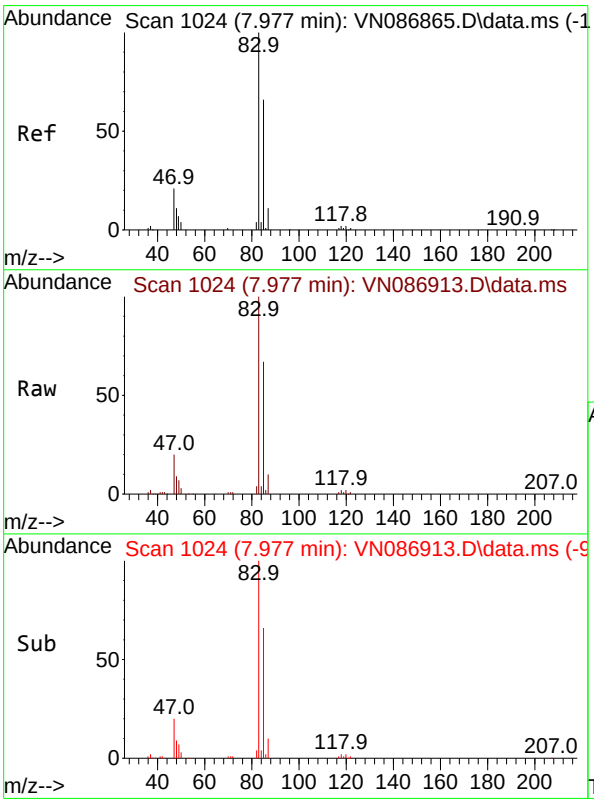
#29
Tetrahydrofuran
Concen: 216.165 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 389154

Ion	Ratio	Lower	Upper
42	100		
72	50.5	37.8	56.6
71	46.5	35.6	53.4

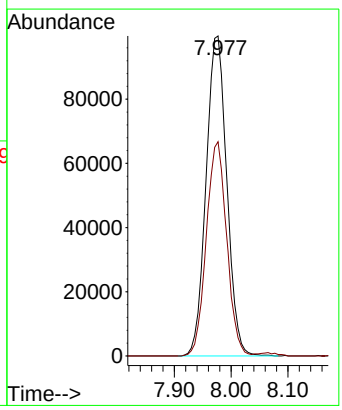


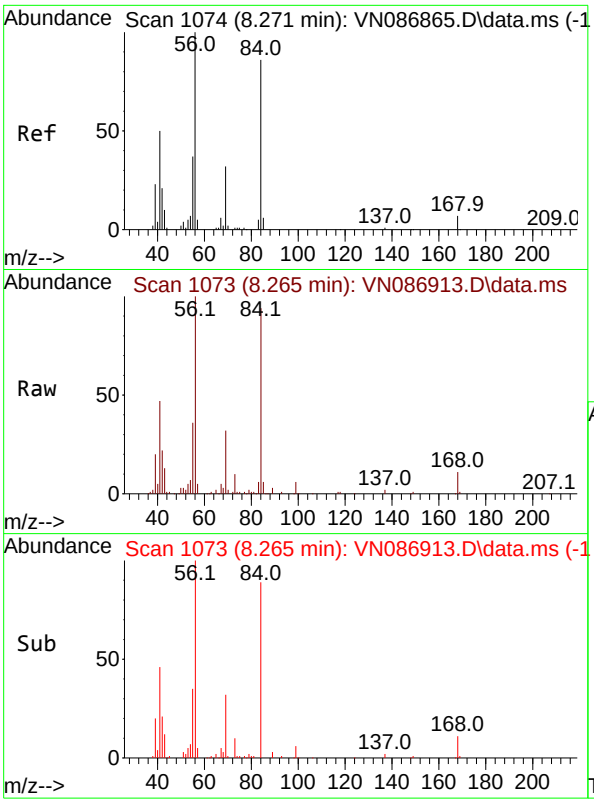


#30
Chloroform
Concen: 47.097 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 83 Resp: 252183

Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.9	79.3



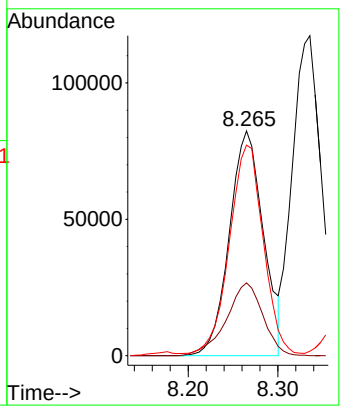


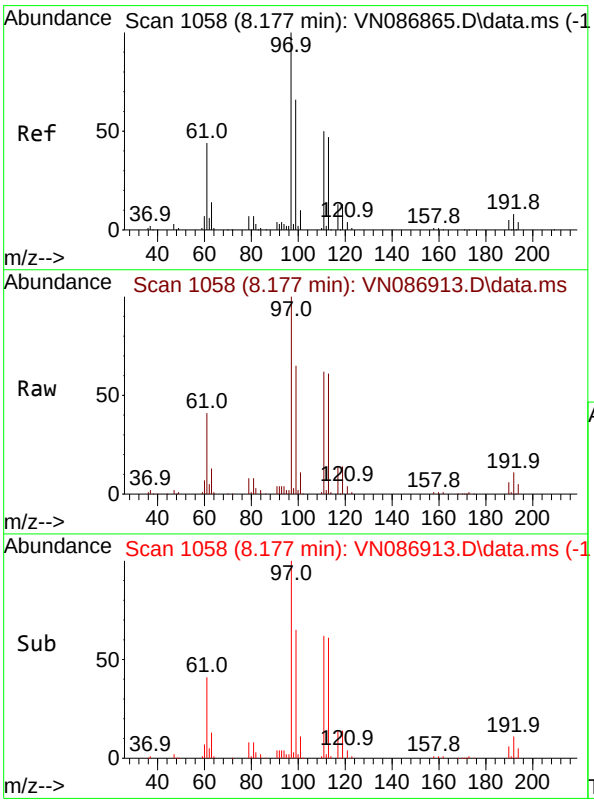
#31
Cyclohexane
Concen: 41.767 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 217182

Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.4	38.0
84	92.7	68.8	103.2

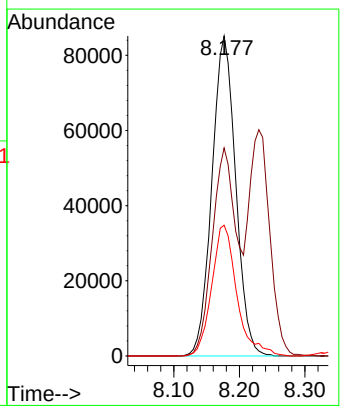


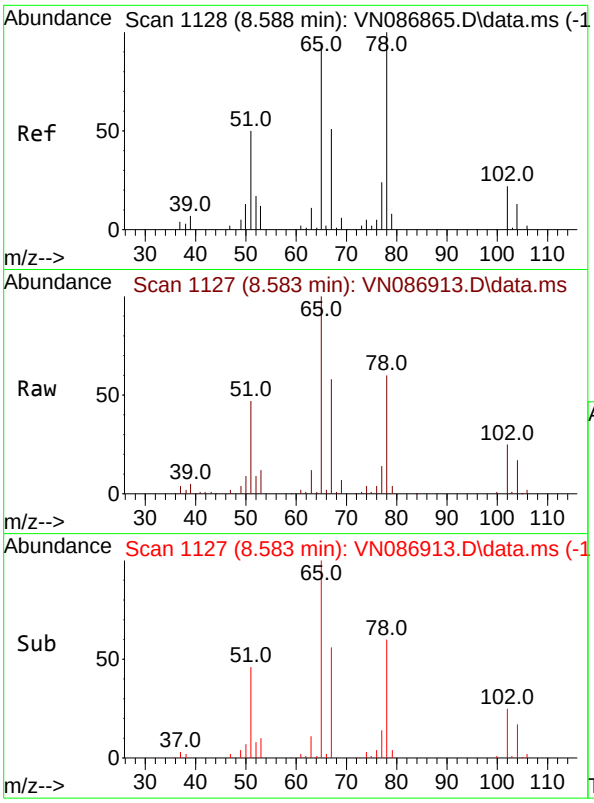


#32
1,1,1-Trichloroethane
Concen: 47.016 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 97 Resp: 214121

Ion	Ratio	Lower	Upper
97	100		
99	66.9	52.0	78.0
61	43.4	35.9	53.9



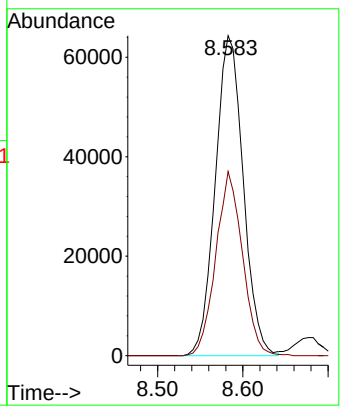


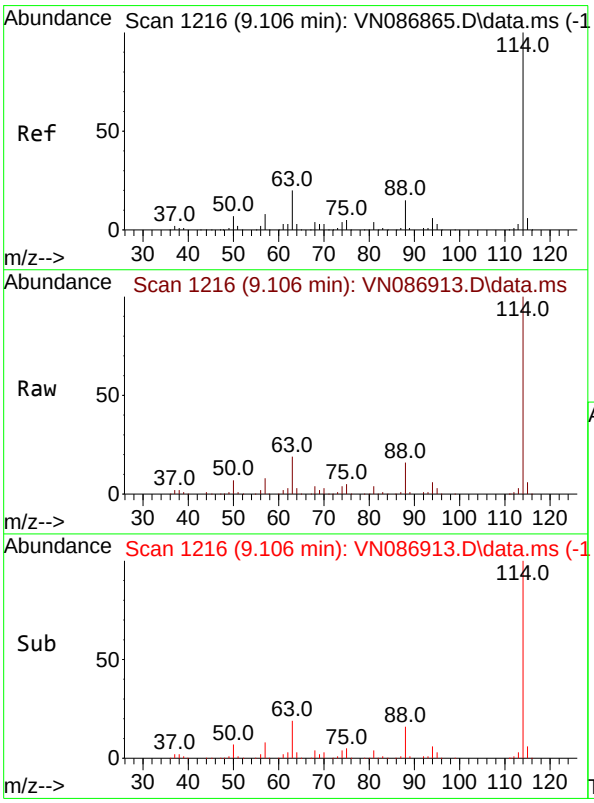
#33
1,2-Dichloroethane-d4
Concen: 45.789 ug/l
RT: 8.583 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 146800

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	105.6

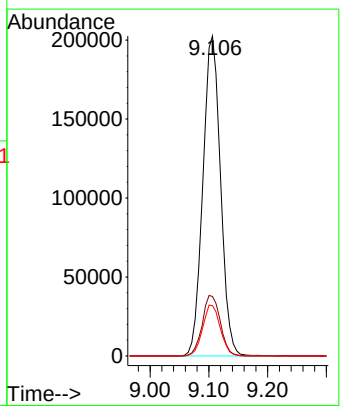


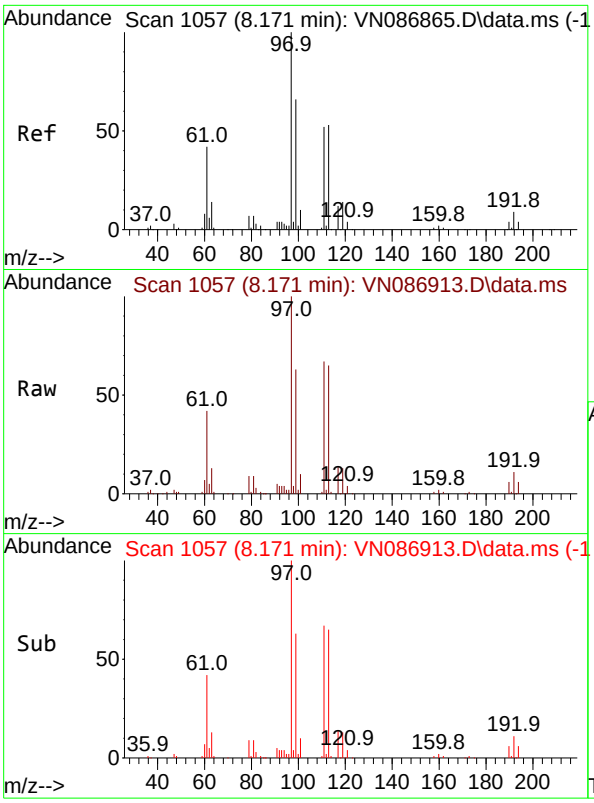


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:114 Resp: 422119

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.6
88	15.8	0.0	30.2



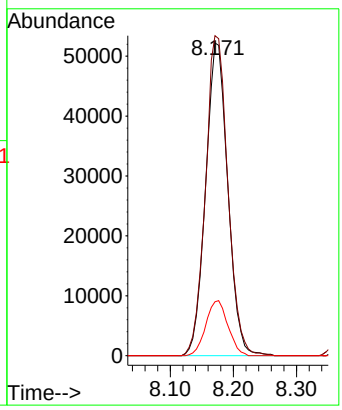


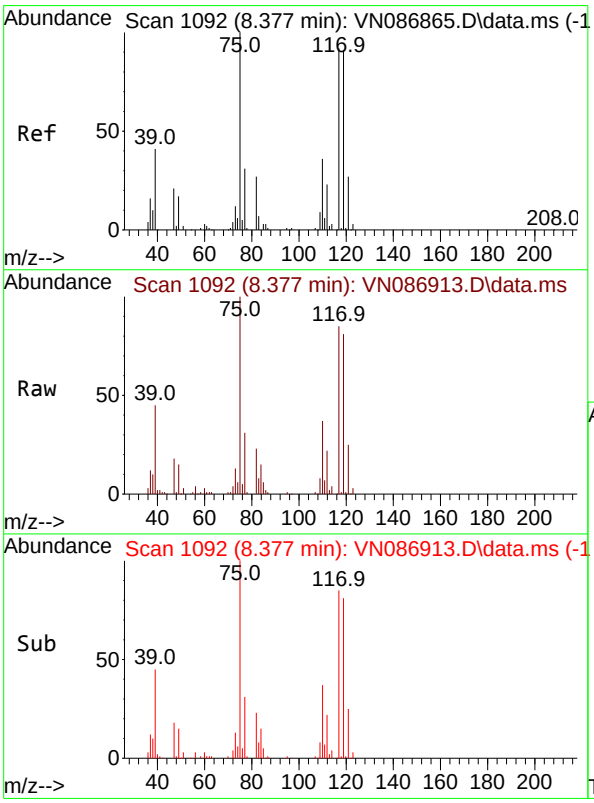
#35
Dibromofluoromethane
Concen: 50.869 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 127253

Ion	Ratio	Lower	Upper
113	100		
111	103.6	84.2	126.2
192	17.6	14.2	21.4

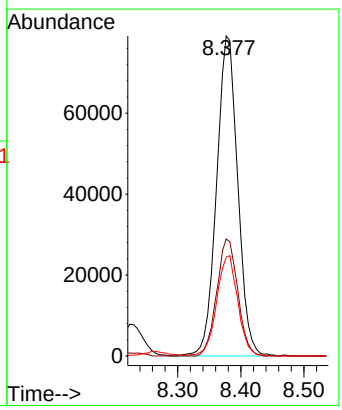


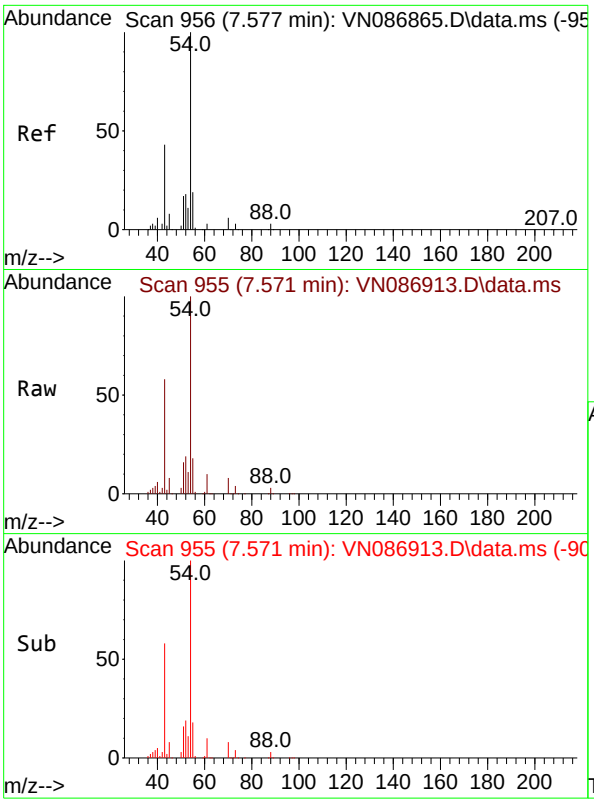


#36
1,1-Dichloropropene
Concen: 49.463 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 75 Resp: 184378

Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.6	52.9
77	31.3	25.3	37.9



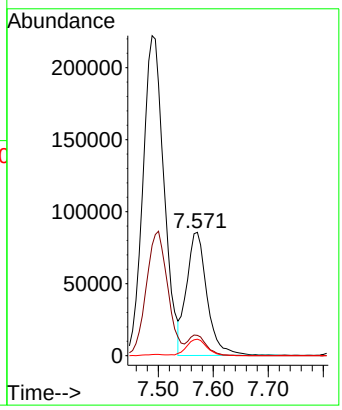


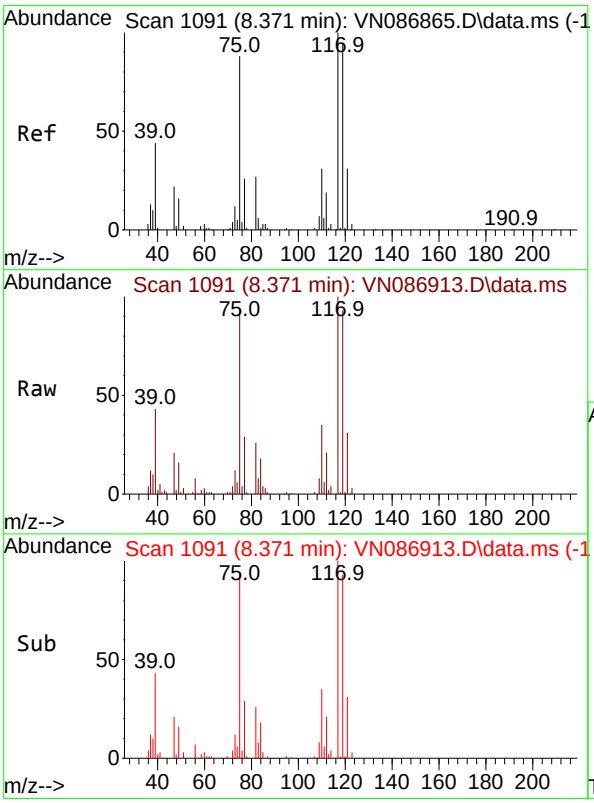
#37
Ethyl Acetate
Concen: 46.471 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 220517

Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.1	18.1
70	13.4	9.8	14.6

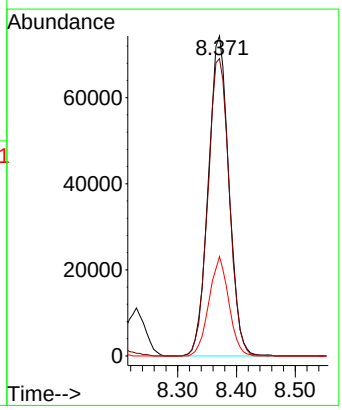


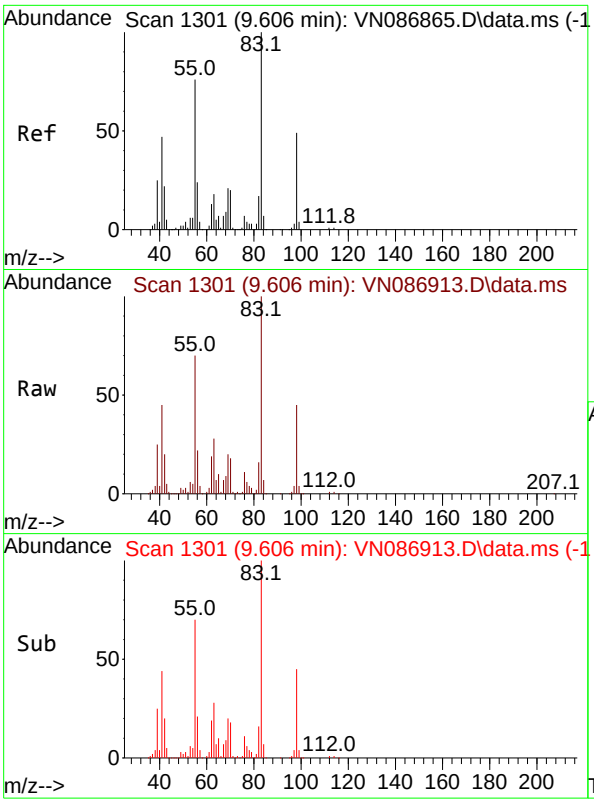


#38
Carbon Tetrachloride
Concen: 49.466 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:117 Resp: 181026

Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.0	112.6
121	31.1	24.9	37.3



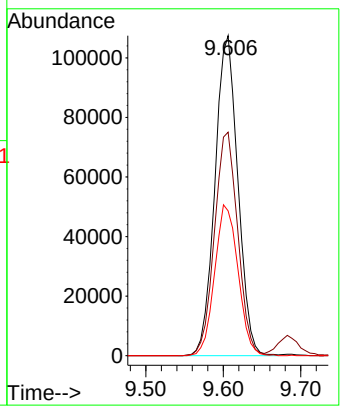


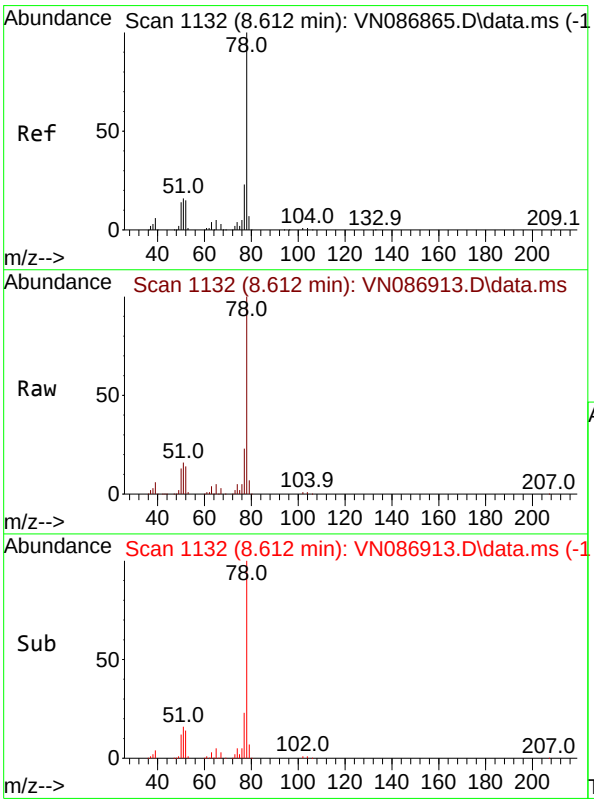
#39
Methylcyclohexane
Concen: 43.269 ug/l
RT: 9.606 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 220974

Ion	Ratio	Lower	Upper
83	100		
55	69.9	61.0	91.6
98	45.2	38.9	58.3

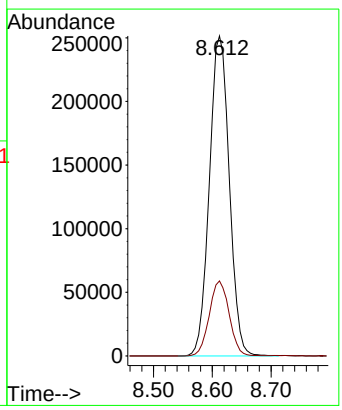


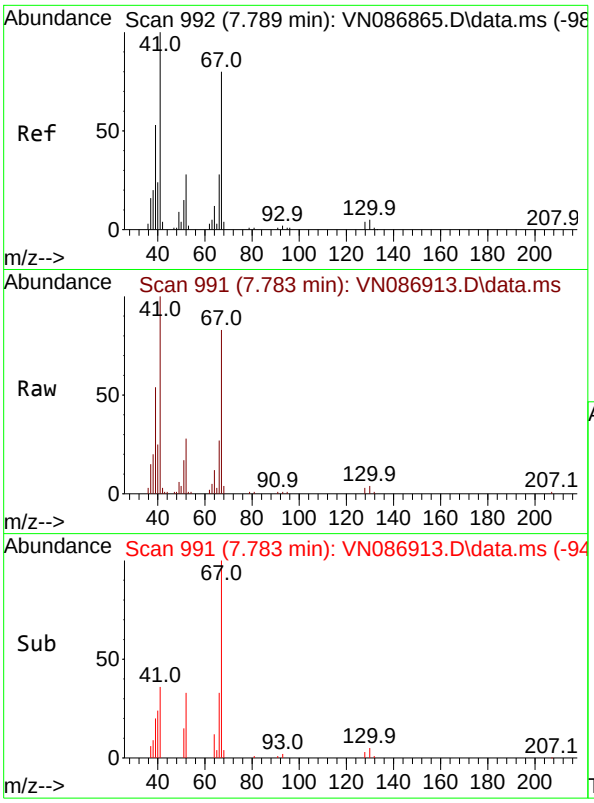


#40
Benzene
Concen: 48.493 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 78 Resp: 591102

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1



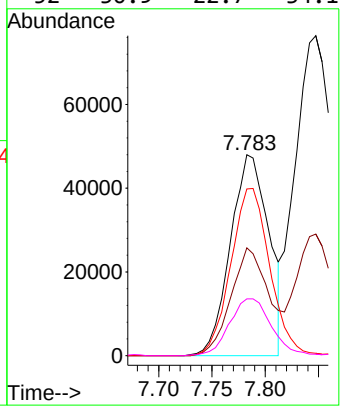


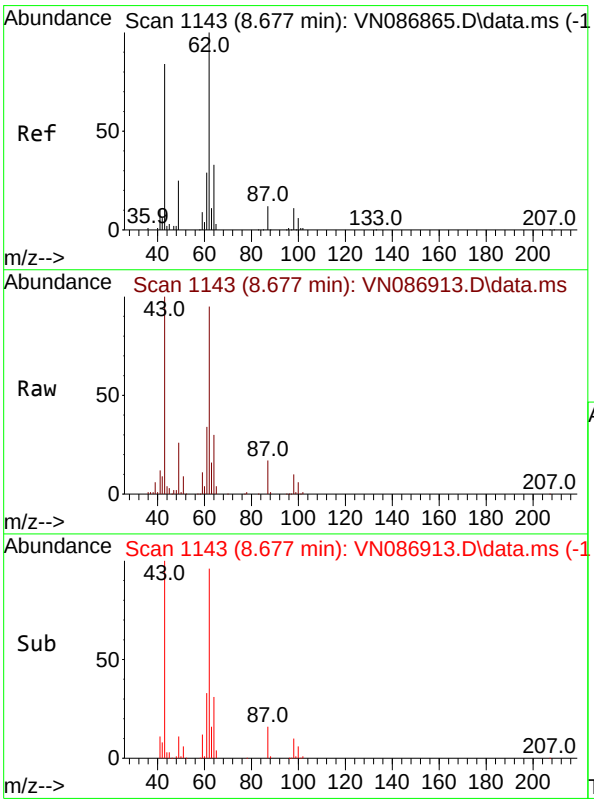
#41
Methacrylonitrile
Concen: 45.256 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 120605

Ion	Ratio	Lower	Upper
41	100		
39	54.3	41.2	61.8
67	84.7	61.4	92.2
52	30.9	22.7	34.1

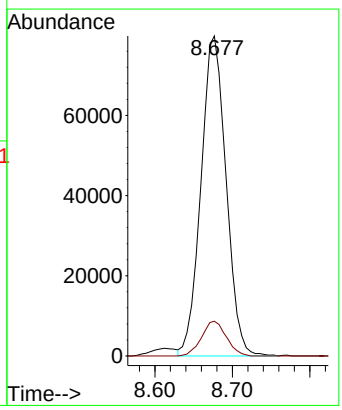


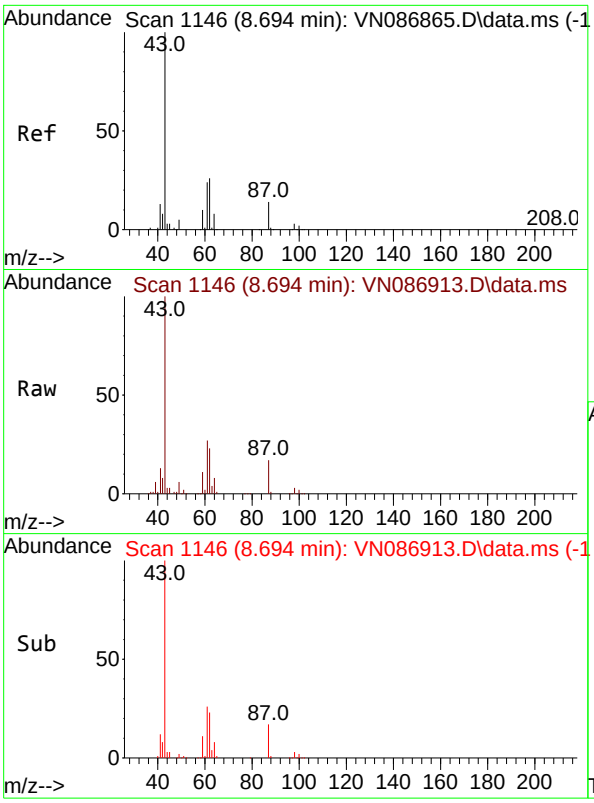


#42
1,2-Dichloroethane
Concen: 48.671 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 62 Resp: 179943

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.2



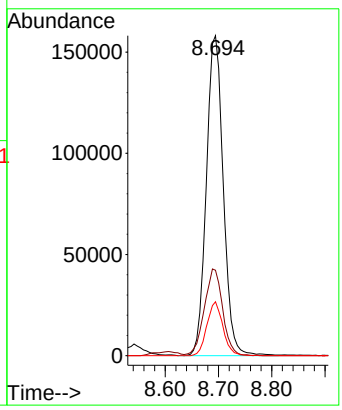


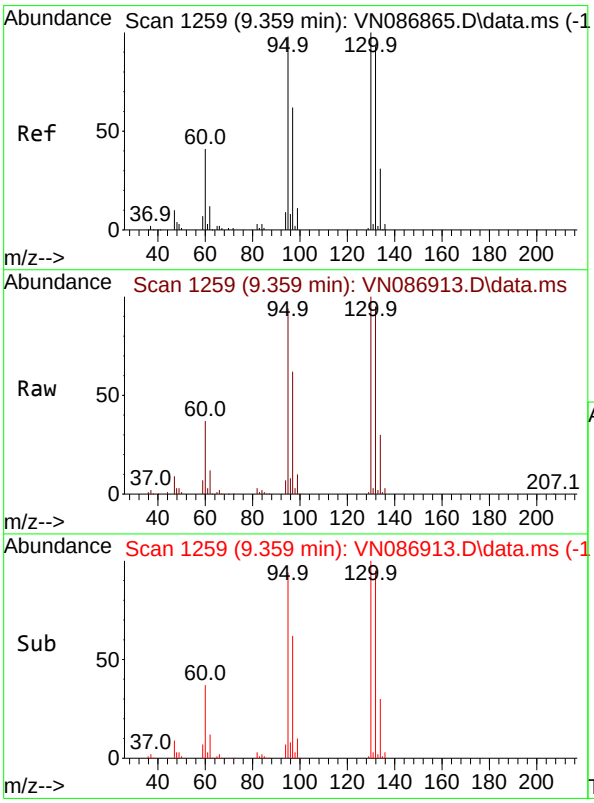
#43
Isopropyl Acetate
Concen: 45.998 ug/l
RT: 8.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 350324

Ion	Ratio	Lower	Upper
43	100		
61	29.4	22.1	33.1
87	15.9	11.8	17.6

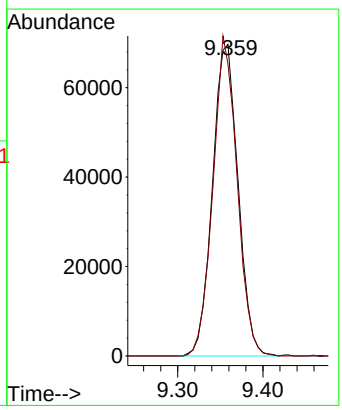


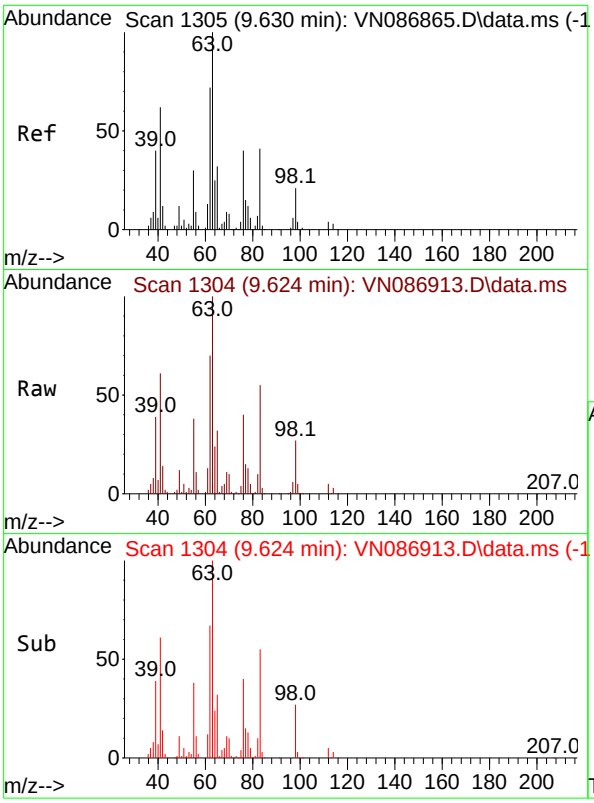


#44
Trichloroethene
Concen: 50.404 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:130 Resp: 145683

Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	196.2



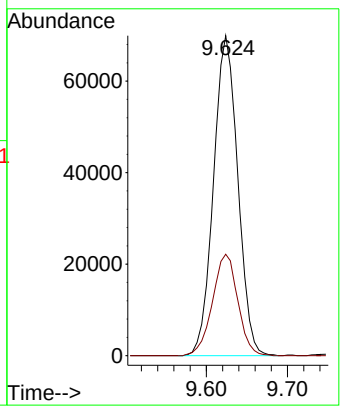


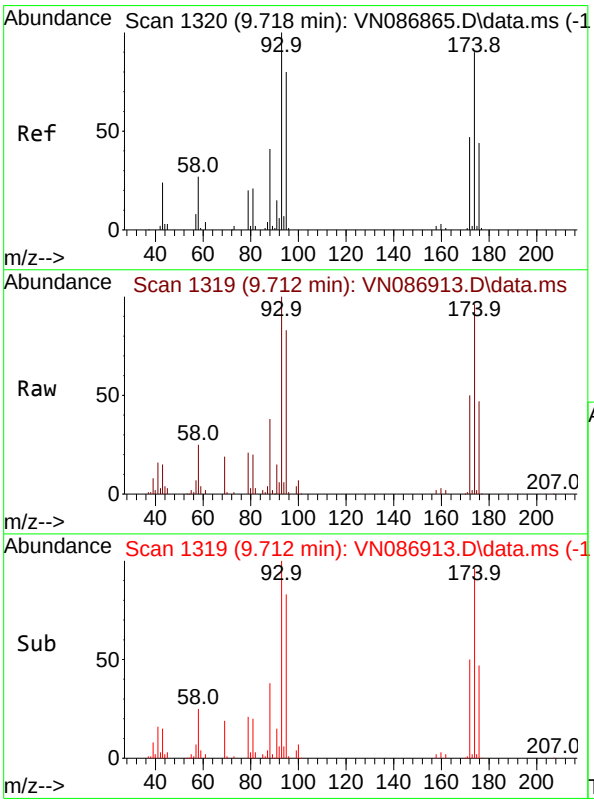
#45
1,2-Dichloropropane
Concen: 49.004 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 145320

Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.5	38.3

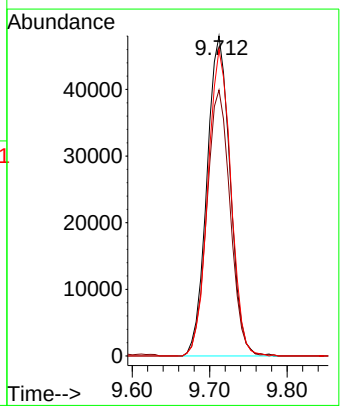


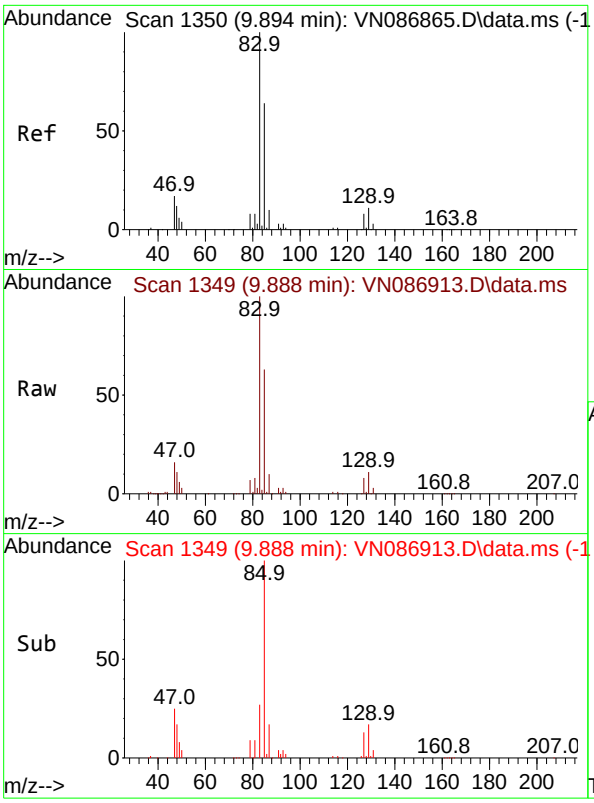


#46
Dibromomethane
Concen: 50.766 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 93 Resp: 99996

Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.1	100.7
174	94.8	74.2	111.4



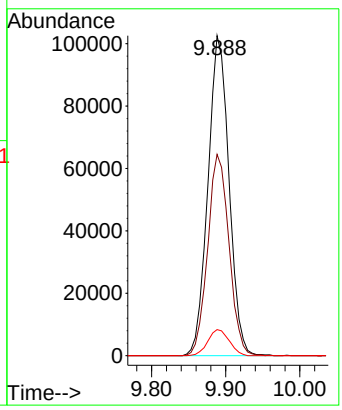


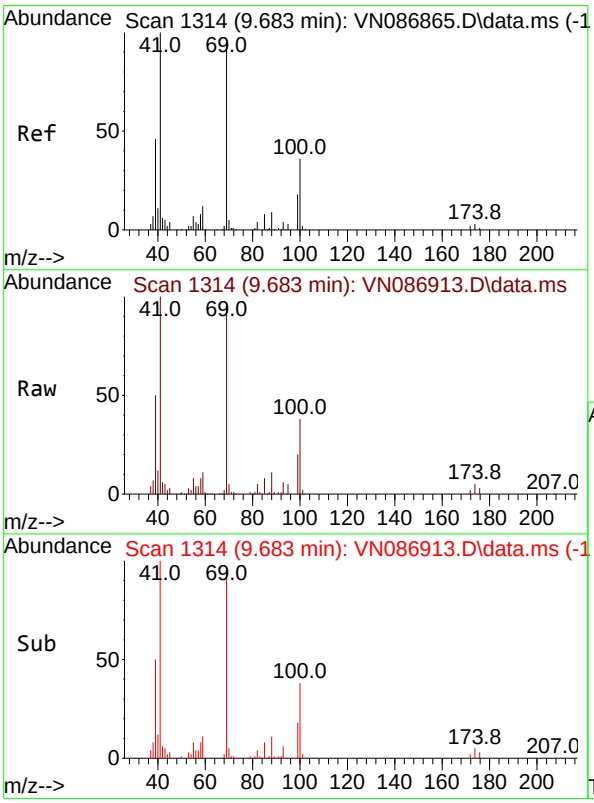
#47
Bromodichloromethane
Concen: 49.918 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 202301

Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.9	76.3
127	8.2	6.6	10.0

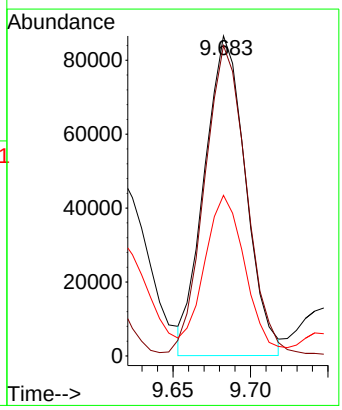


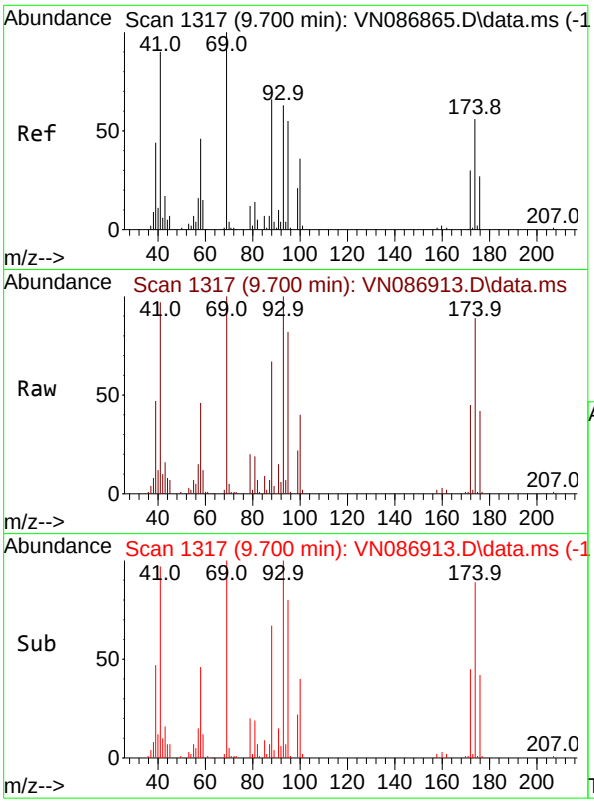


#48
Methyl methacrylate
Concen: 45.601 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 41 Resp: 159853

Ion	Ratio	Lower	Upper
41	100		
69	99.2	74.6	112.0
39	50.8	40.2	60.4



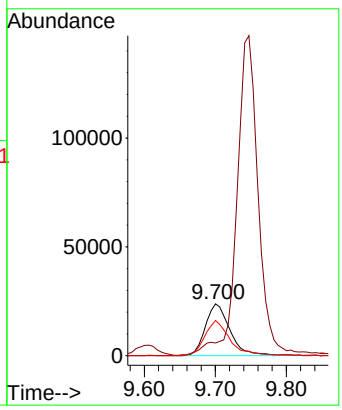


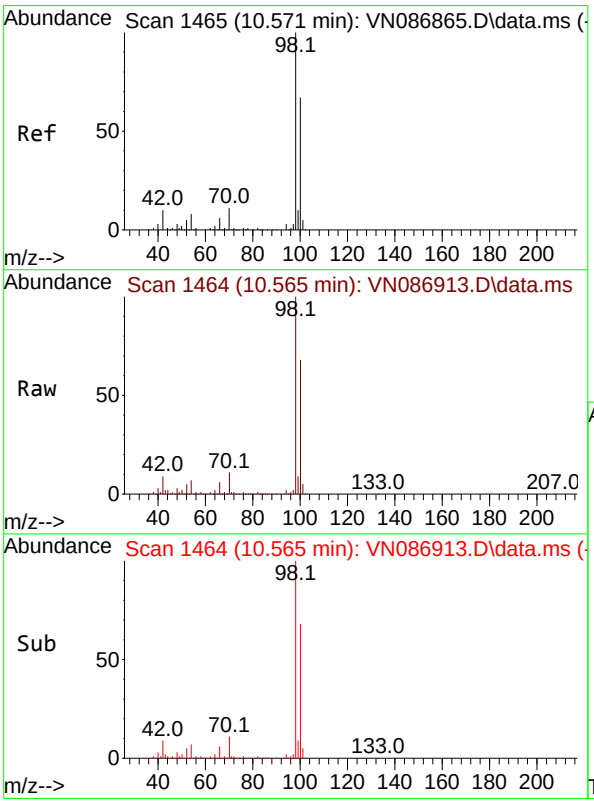
#49
1,4-Dioxane
Concen: 892.983 ug/l
RT: 9.700 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 56947

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.0	57.7	86.5

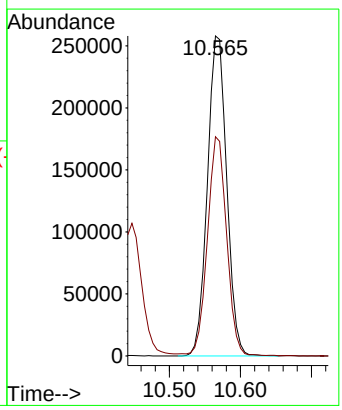


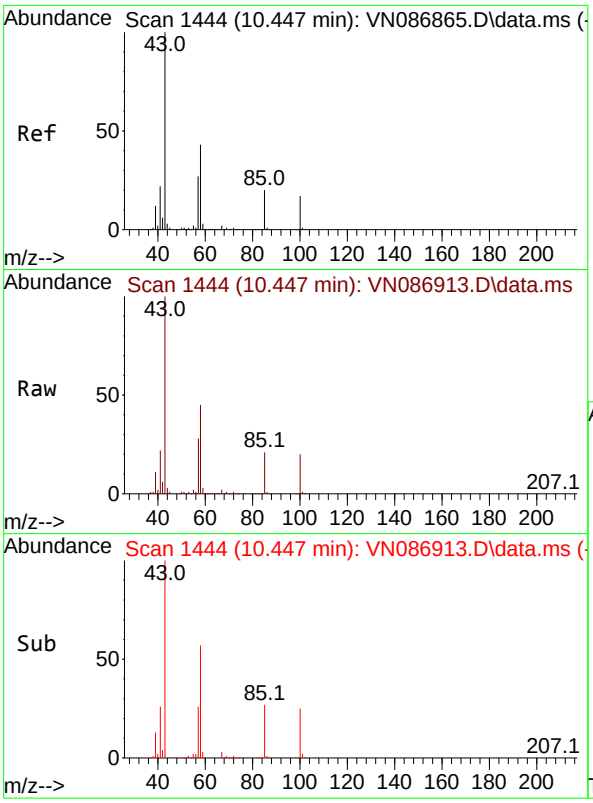


#50
Toluene-d8
Concen: 49.146 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 98 Resp: 486698

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.4	80.0



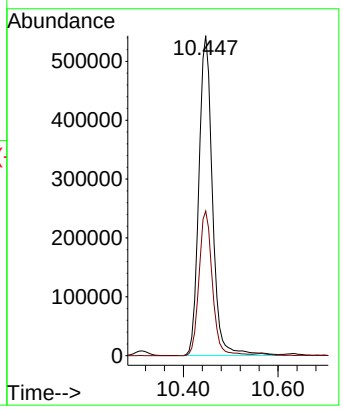


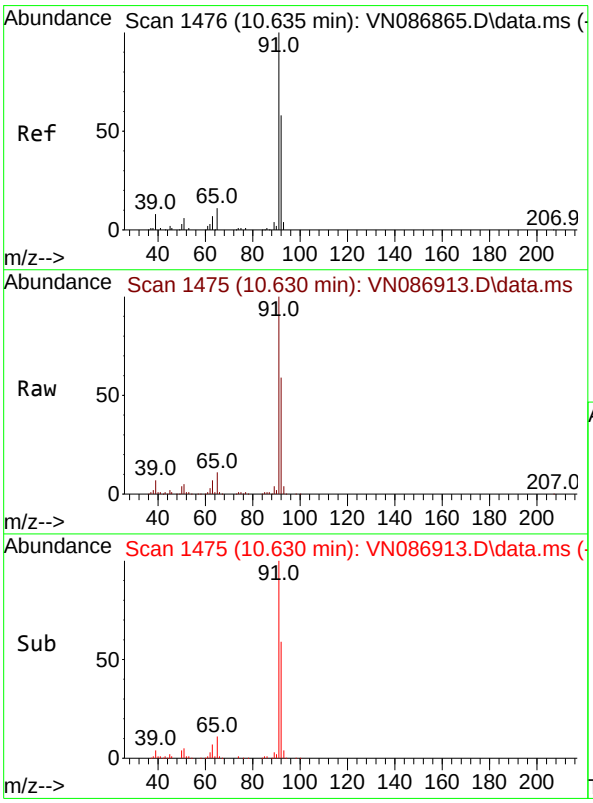
#51
4-Methyl-2-Pentanone
Concen: 235.975 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1081942

Ion	Ratio	Lower	Upper
43	100		
58	44.4	34.2	51.4

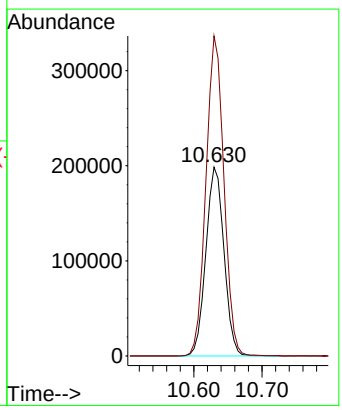


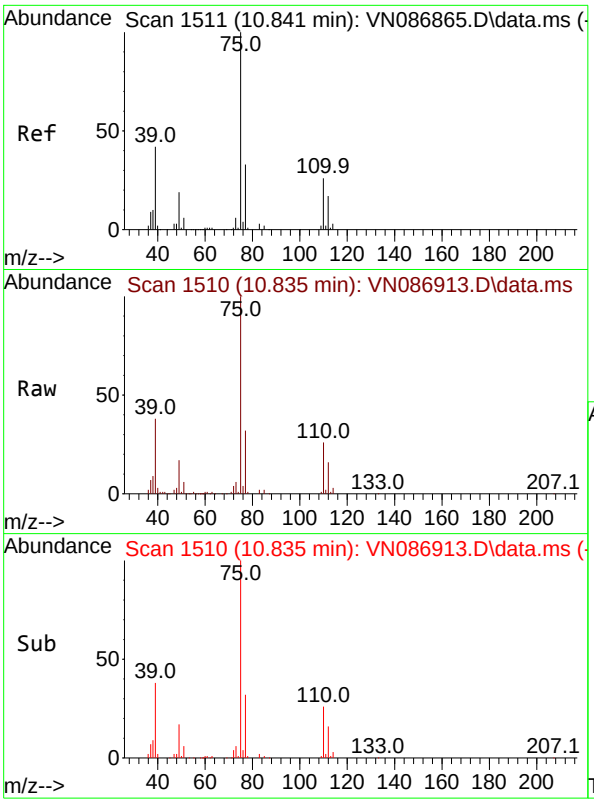


#52
Toluene
Concen: 49.345 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 92 Resp: 367587

Ion	Ratio	Lower	Upper
92	100		
91	167.7	136.5	204.7



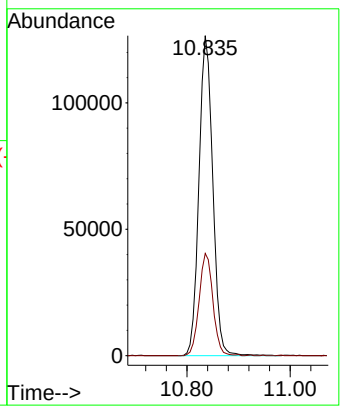


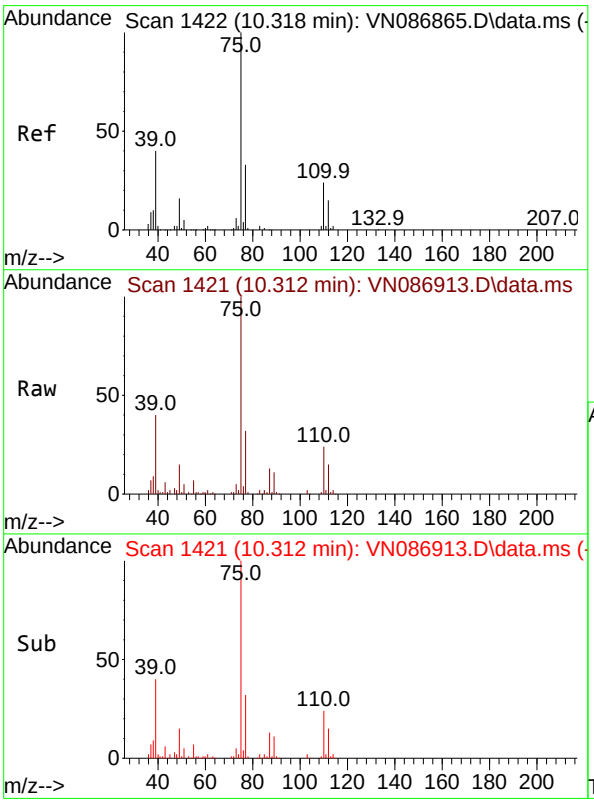
#53
t-1,3-Dichloropropene
Concen: 51.759 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 234554

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.4	39.6

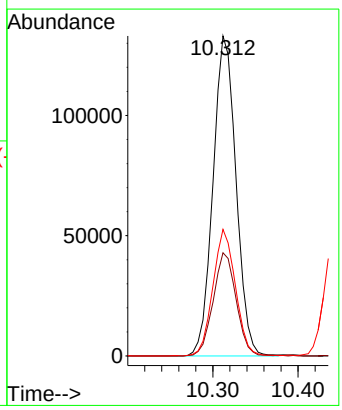


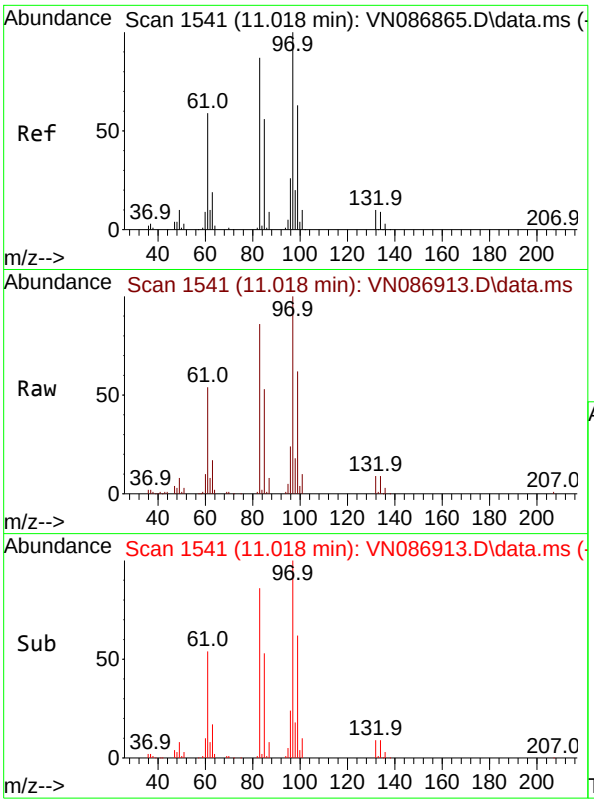


#54
cis-1,3-Dichloropropene
Concen: 51.506 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 75 Resp: 249744

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.4
39	39.4	32.3	48.5



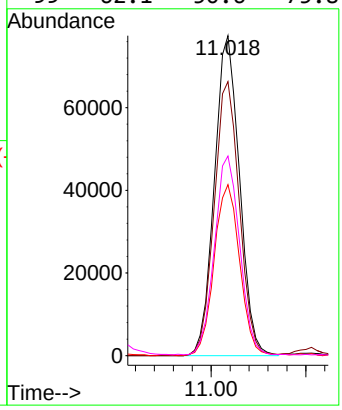


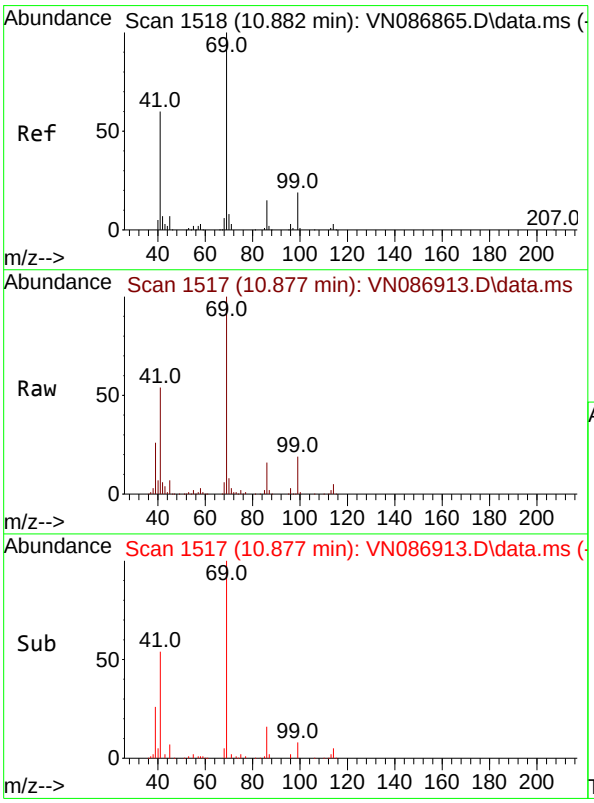
#55
1,1,2-Trichloroethane
Concen: 49.785 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 142700

Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.7	104.5
85	53.4	45.1	67.7
99	62.1	50.6	75.8

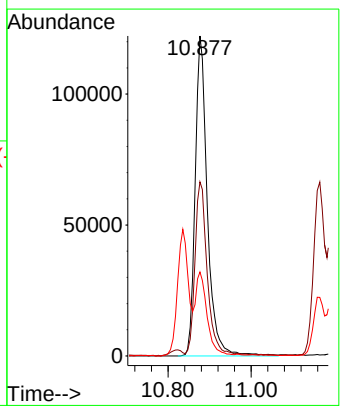


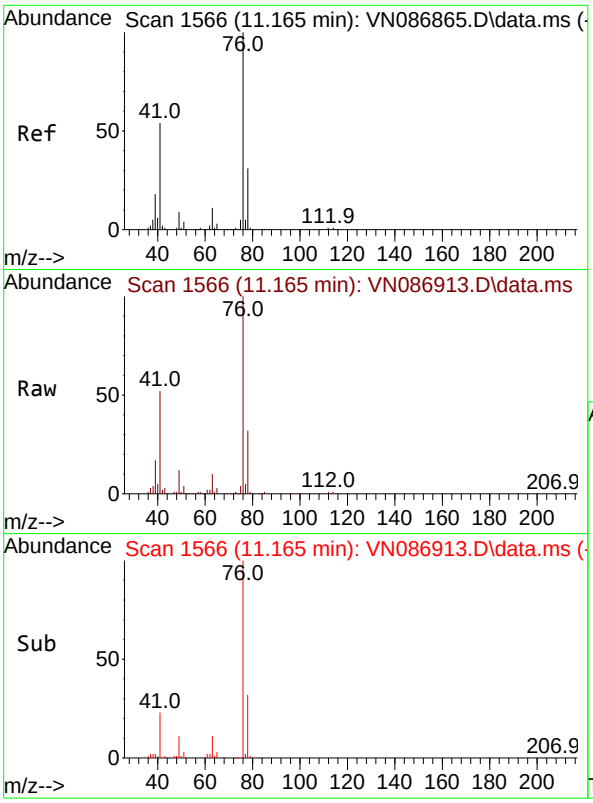


#56
Ethyl methacrylate
Concen: 54.447 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 69 Resp: 248574

Ion	Ratio	Lower	Upper
69	100		
41	54.6	47.2	70.8
39	24.1	23.0	34.6



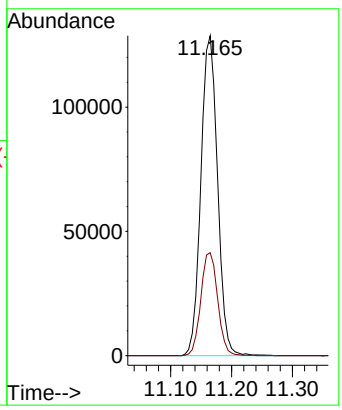


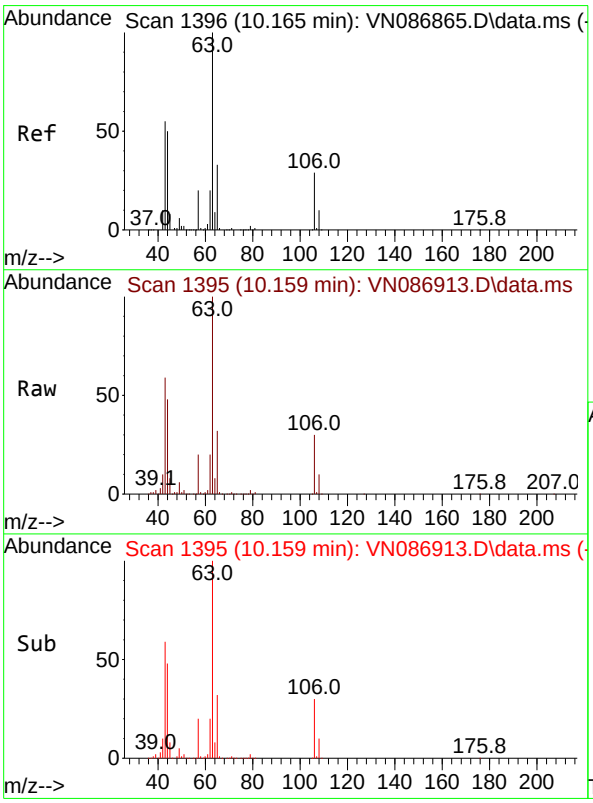
#57
1,3-Dichloropropane
Concen: 49.255 ug/l
RT: 11.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 244911

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.3	37.9

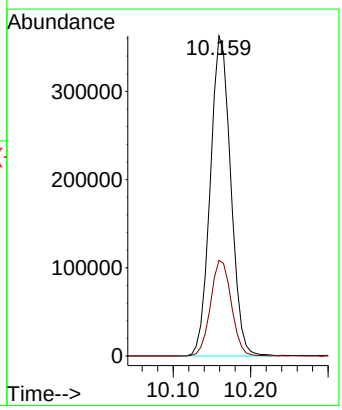


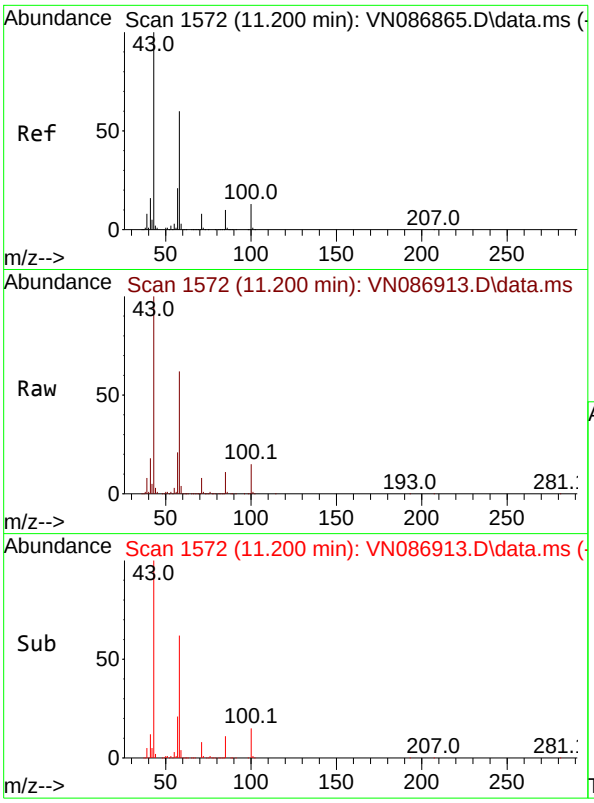


#58
2-Chloroethyl Vinyl ether
Concen: 244.474 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 63 Resp: 665707

Ion	Ratio	Lower	Upper
63	100		
106	30.3	23.0	34.6



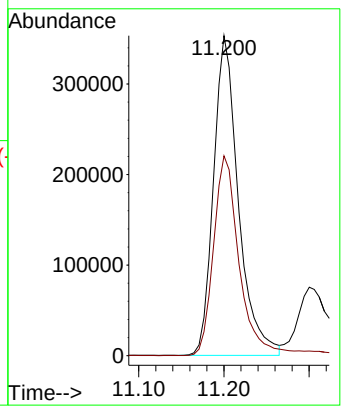


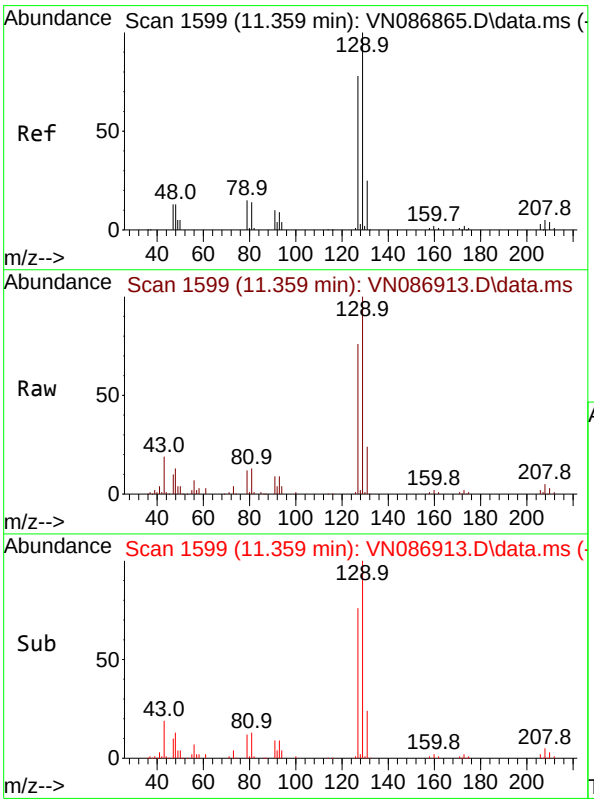
#59
2-Hexanone
Concen: 242.131 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 715095

Ion	Ratio	Lower	Upper
43	100		
58	66.5	30.4	91.3

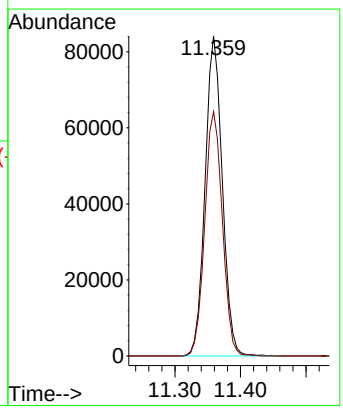


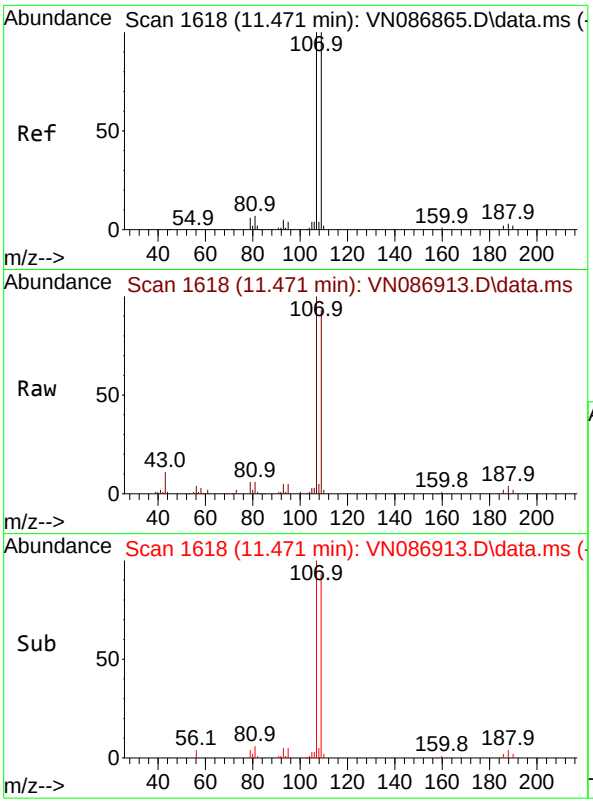


#60
Dibromochloromethane
Concen: 51.366 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:129 Resp: 153400

Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.6	115.8



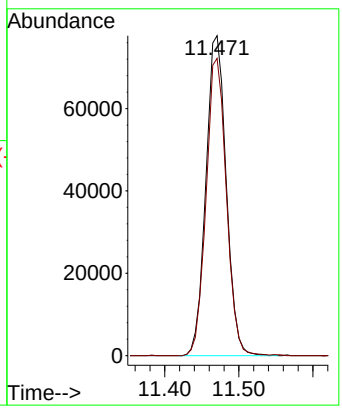


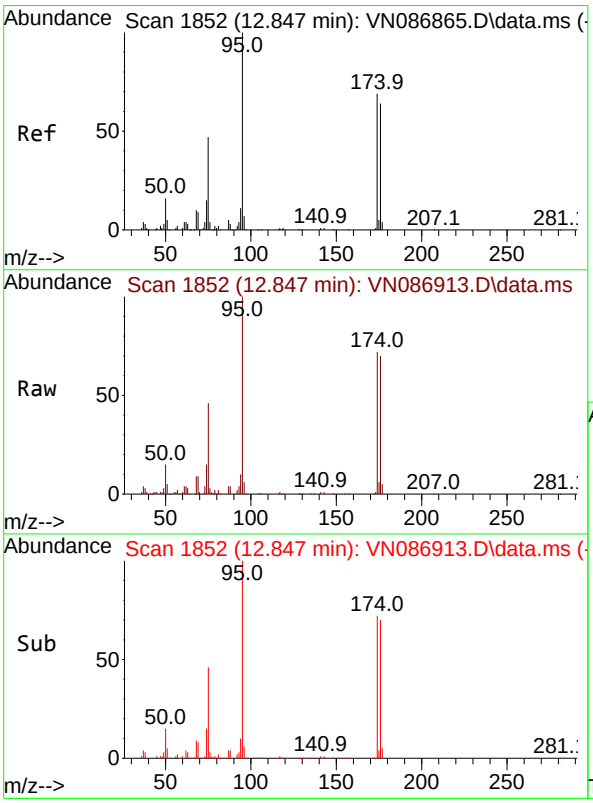
#61
1,2-Dibromoethane
Concen: 50.307 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 147800

Ion	Ratio	Lower	Upper
107	100		
109	92.7	76.3	114.5

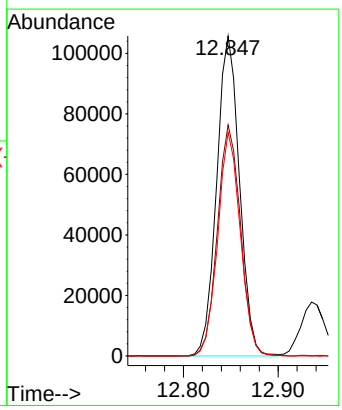


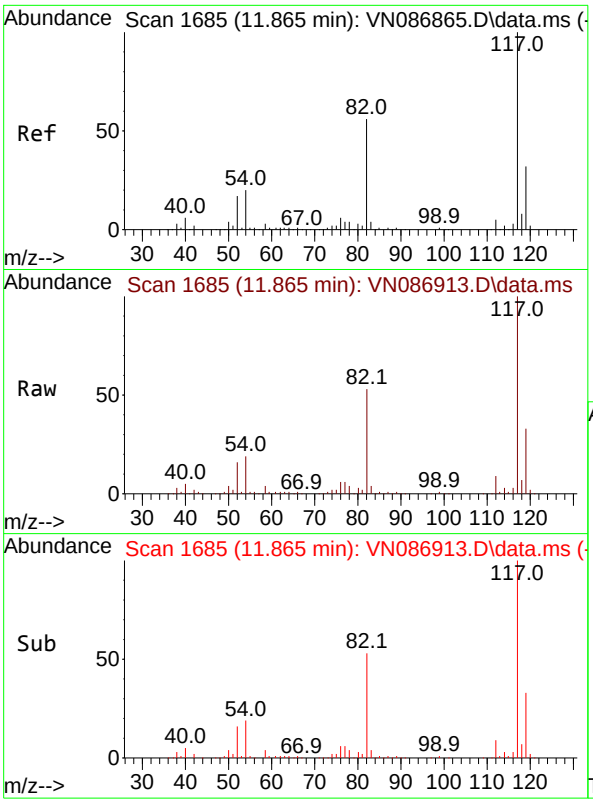


#62
4-Bromofluorobenzene
Concen: 48.131 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 95 Resp: 177087

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.8
176	69.1	0.0	132.6



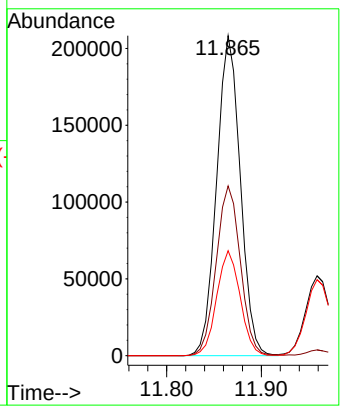


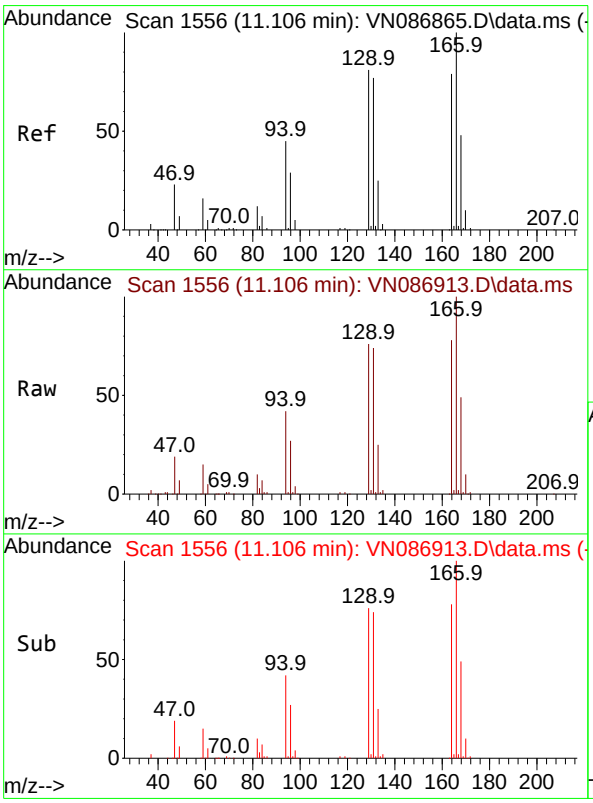
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 362285

Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.6	67.0
119	32.8	25.5	38.3

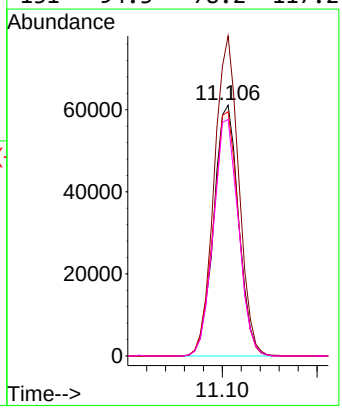


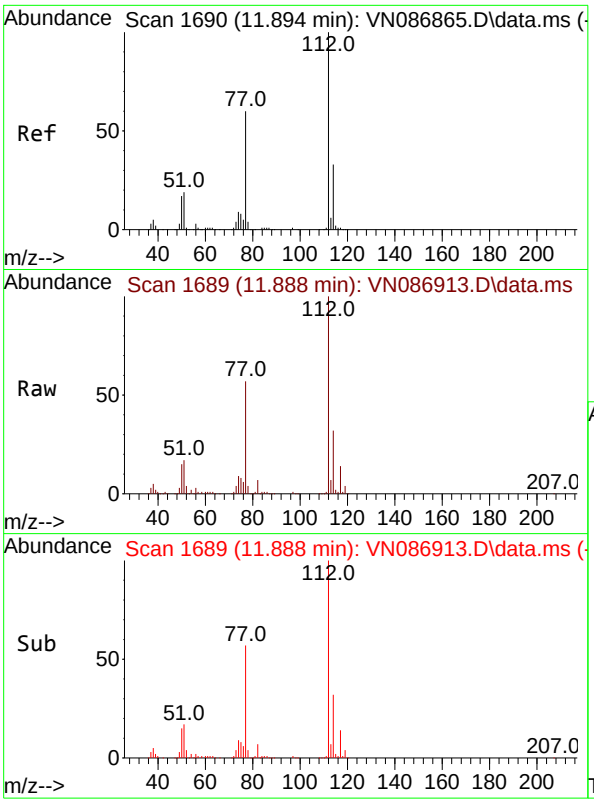


#64
Tetrachloroethene
Concen: 48.675 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:164 Resp: 111601

Ion	Ratio	Lower	Upper
164	100		
166	127.6	101.8	152.8
129	97.4	83.0	124.4
131	94.3	78.2	117.2



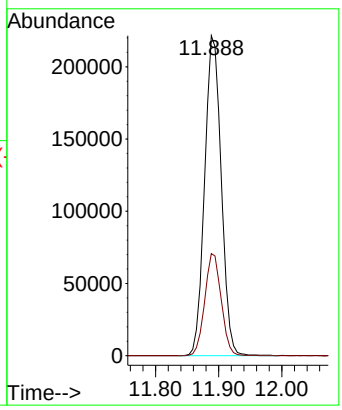


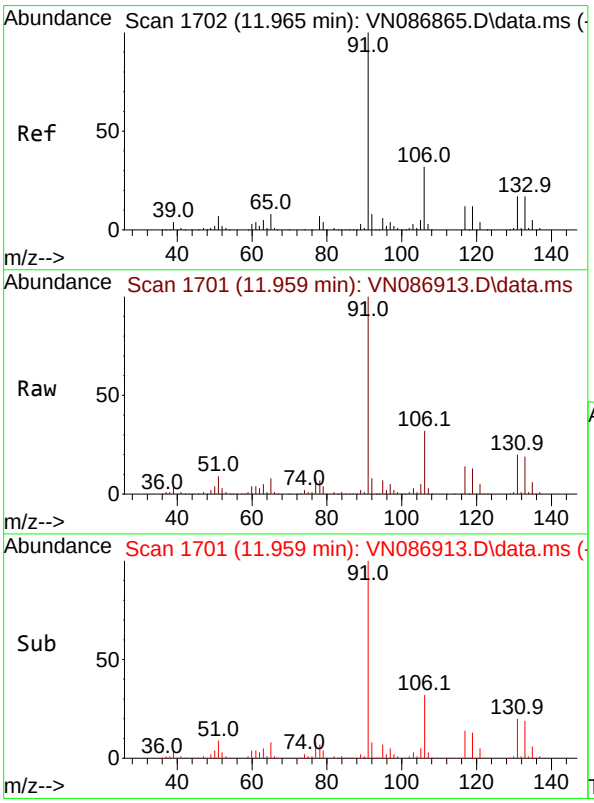
#65
Chlorobenzene
Concen: 50.661 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 404797

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.2	39.2

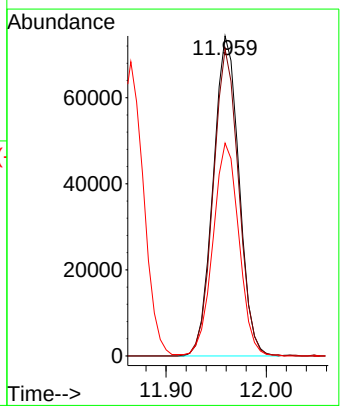


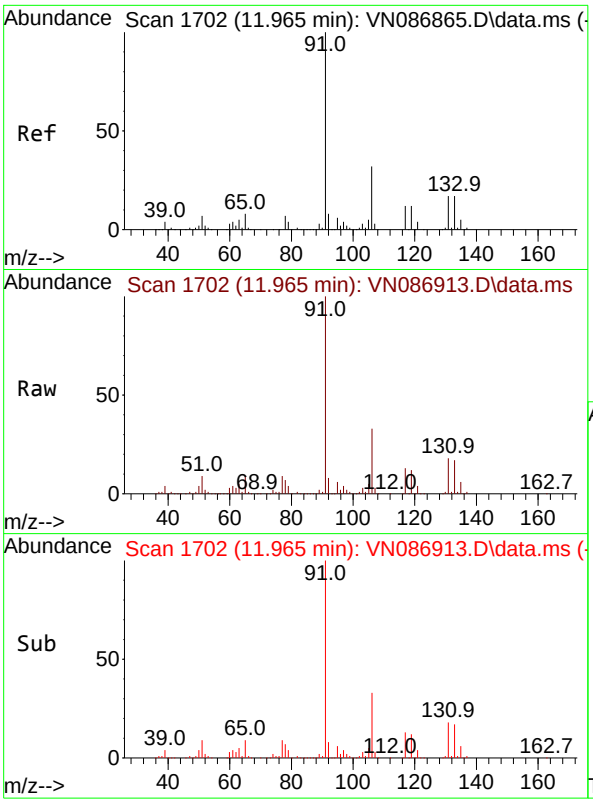


#66
1,1,1,2-Tetrachloroethane
Concen: 51.699 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:131 Resp: 132787

Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.3	144.8
119	67.2	34.0	101.8



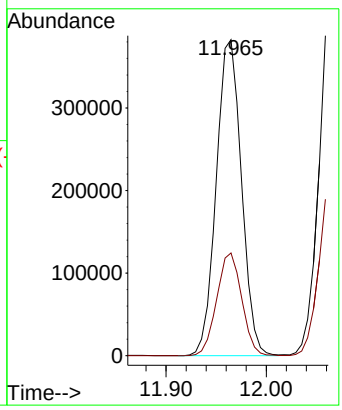


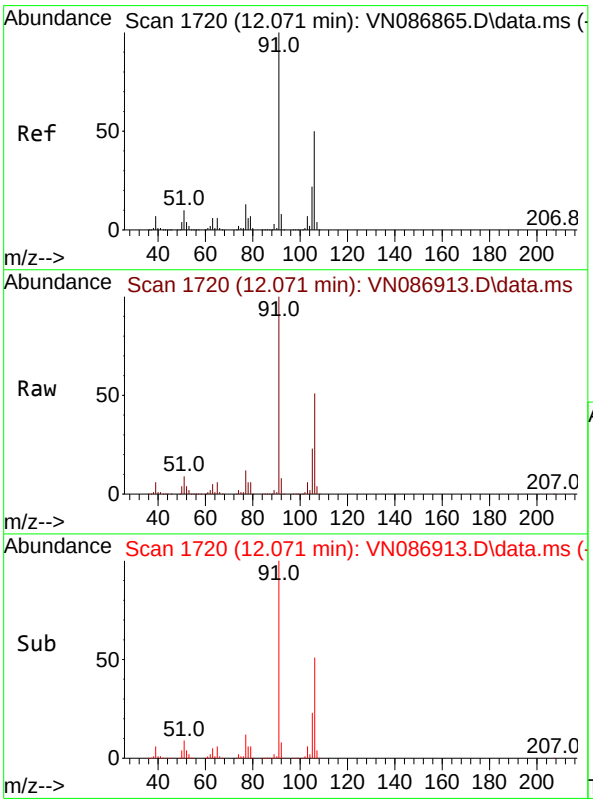
#67
Ethyl Benzene
Concen: 48.548 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 668179

Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.4	38.2

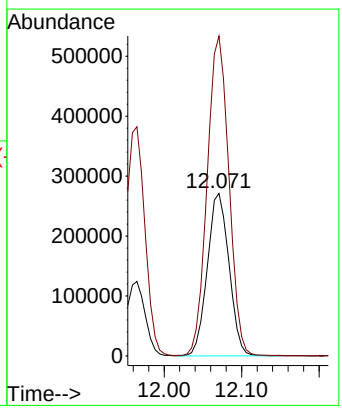


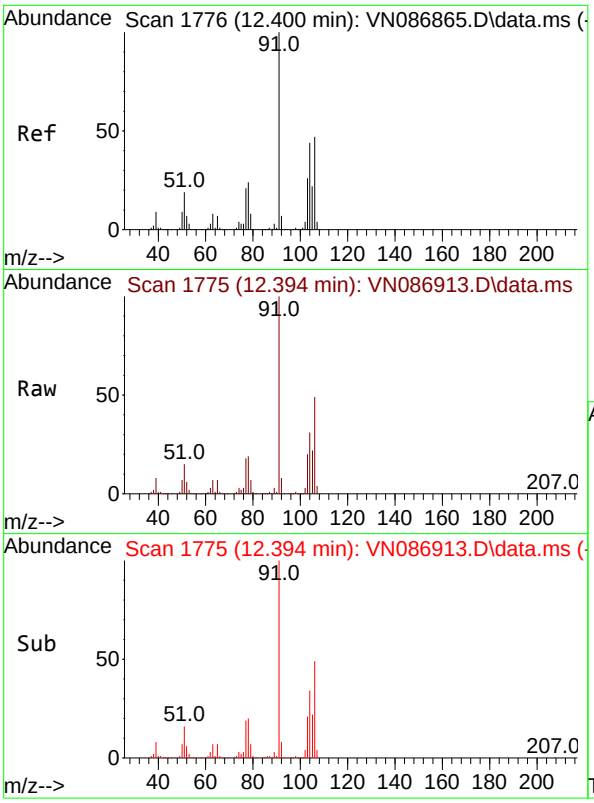


#68
m/p-Xylenes
Concen: 99.975 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:106 Resp: 526722

Ion	Ratio	Lower	Upper
106	100		
91	198.0	159.4	239.0



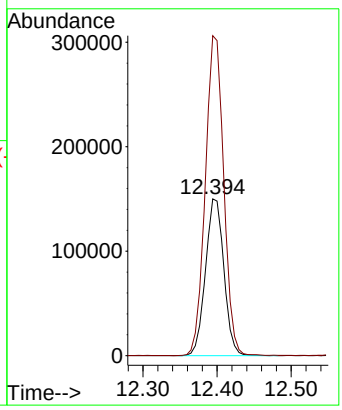


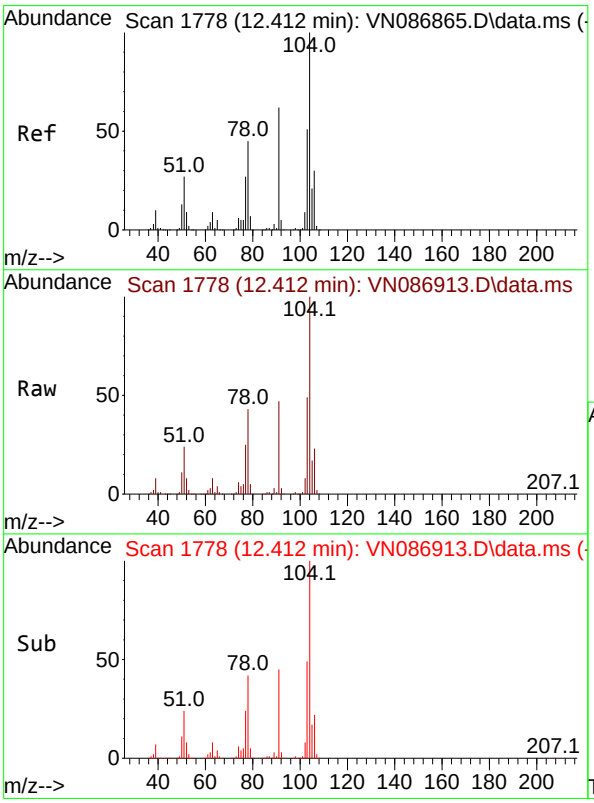
#69
o-Xylene
Concen: 51.297 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 258839

Ion	Ratio	Lower	Upper
106	100		
91	204.6	106.1	318.1

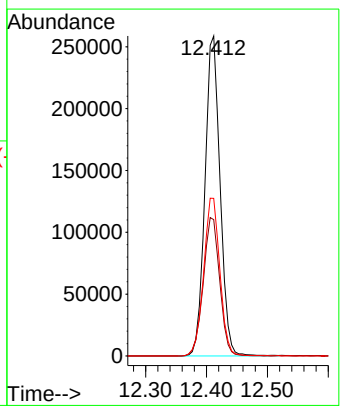


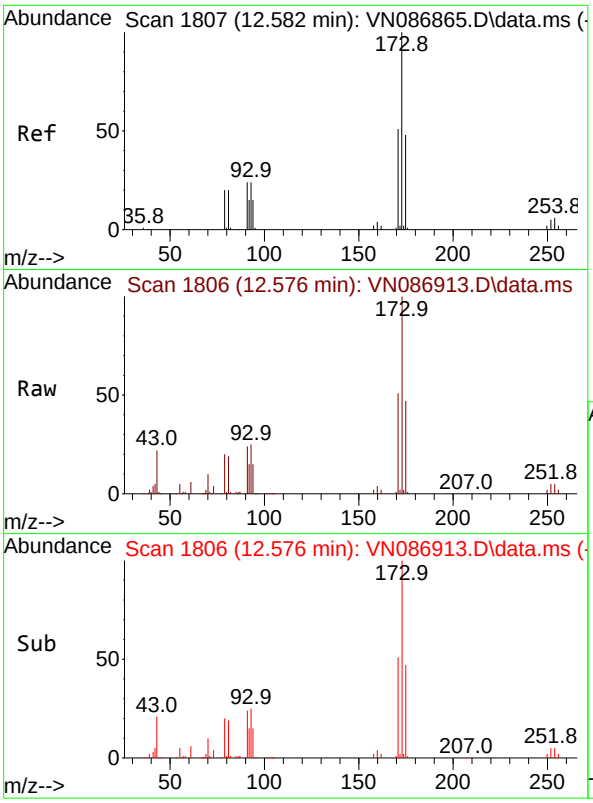


#70
Styrene
Concen: 51.704 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:104 Resp: 446437

Ion	Ratio	Lower	Upper
104	100		
78	46.9	38.5	57.7
103	53.0	43.1	64.7



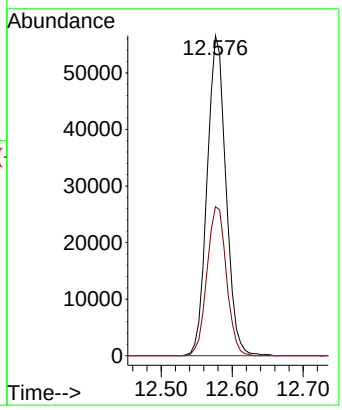


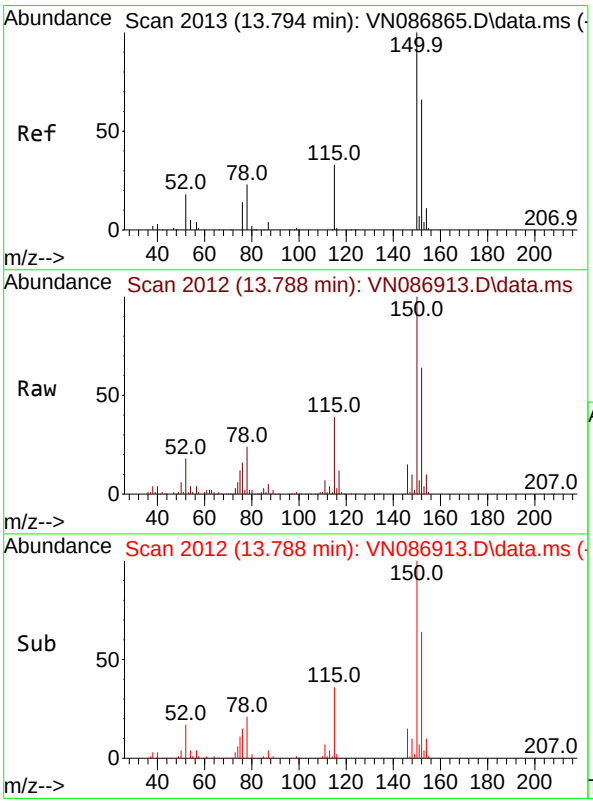
#71
Bromoform
Concen: 54.693 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 104086

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.4
254	0.0	0.0	0.0

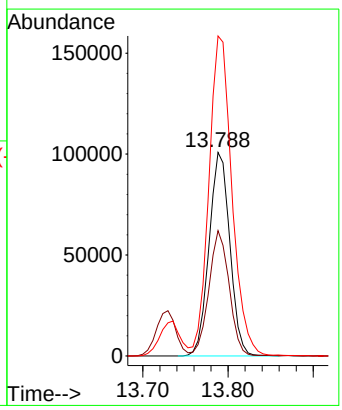


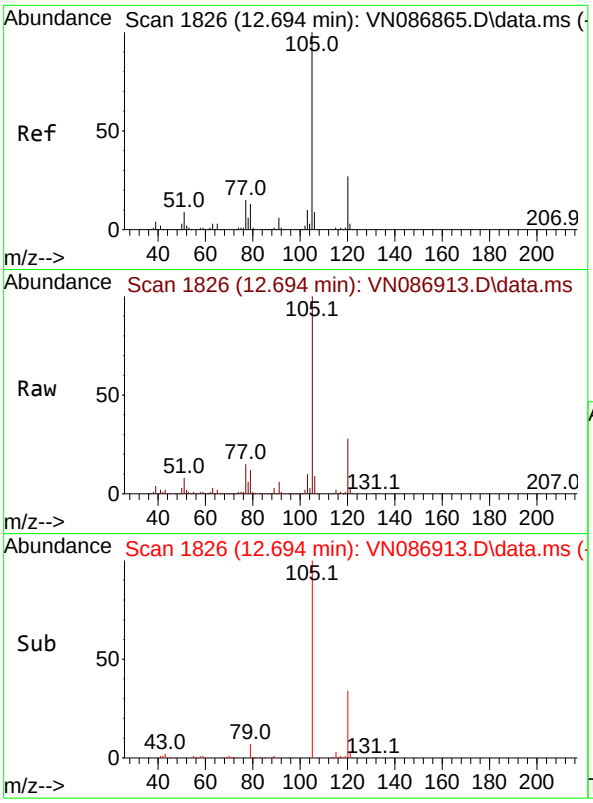


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:152 Resp: 170987

Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.1	90.5
150	174.7	0.0	345.0



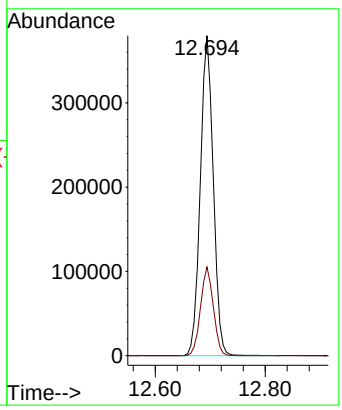


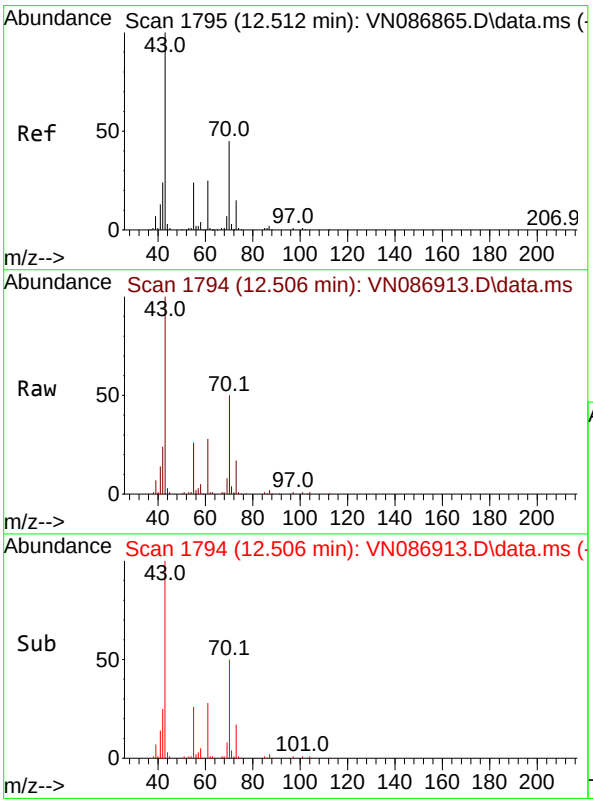
#73
Isopropylbenzene
Concen: 49.917 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 621794

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.4

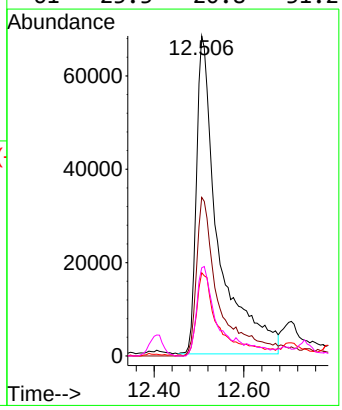


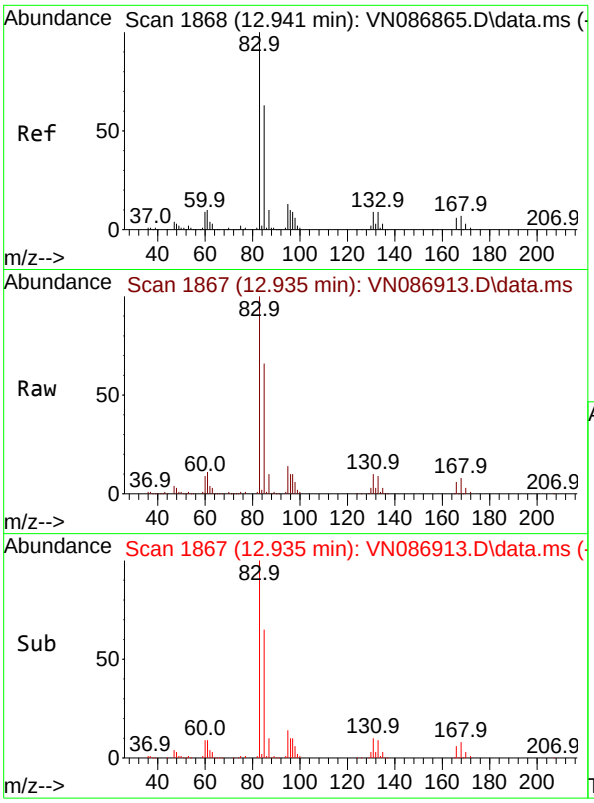


#74
N-amyl acetate
Concen: 53.204 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 43 Resp: 231590

Ion	Ratio	Lower	Upper
43	100		
70	52.9	37.6	56.4
55	27.1	19.0	28.6
61	23.3	20.8	31.2



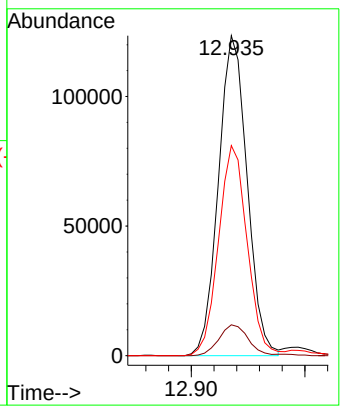


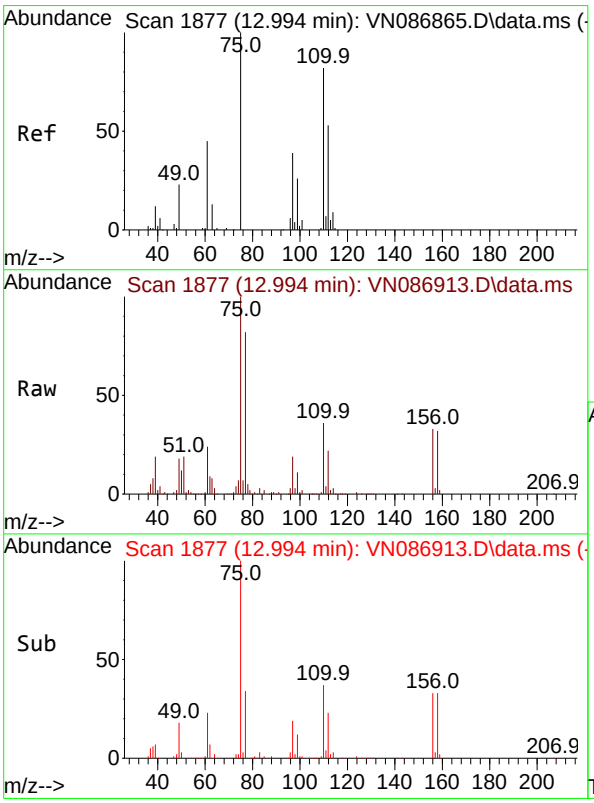
#75
1,1,2,2-Tetrachloroethane
Concen: 51.363 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 216753

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	65.6	32.0	96.0

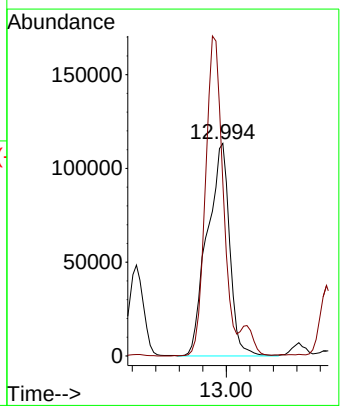


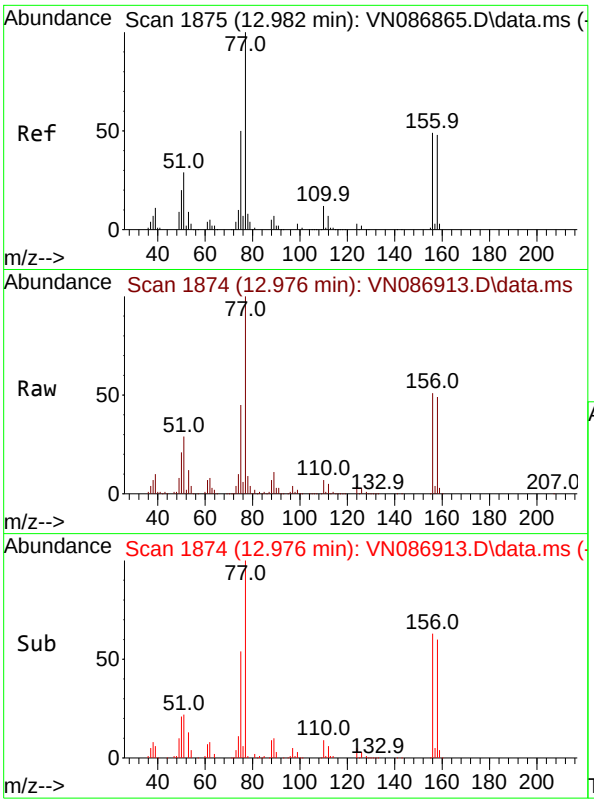


#76
1,2,3-Trichloropropane
Concen: 73.791 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 75 Resp: 299918

Ion	Ratio	Lower	Upper
75	100		
77	117.1	79.3	237.9



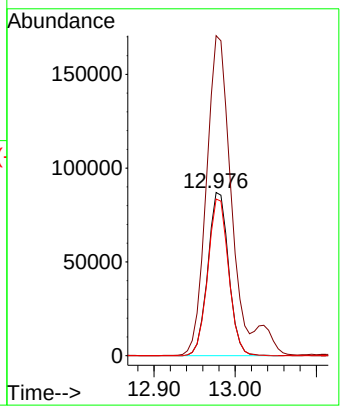


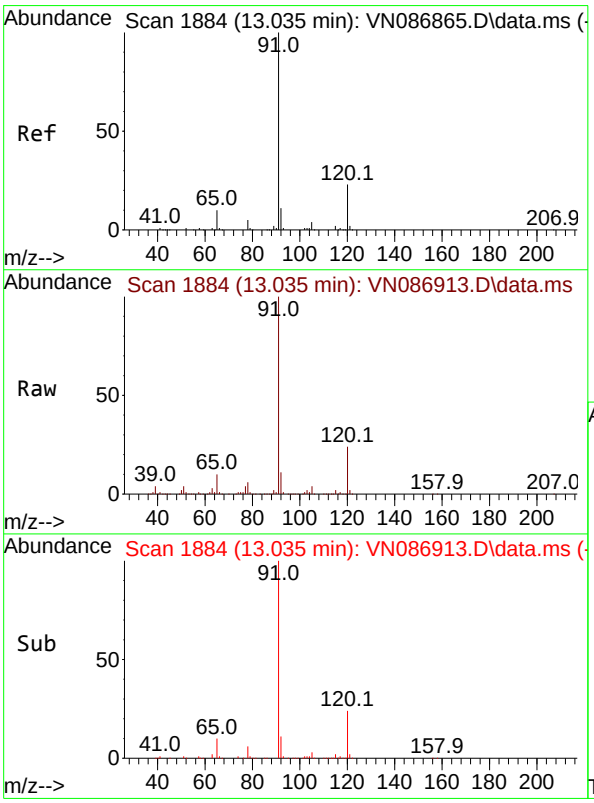
#77
Bromobenzene
Concen: 54.054 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 154418

Ion	Ratio	Lower	Upper
156	100		
77	227.4	117.7	353.1
158	96.3	48.1	144.4

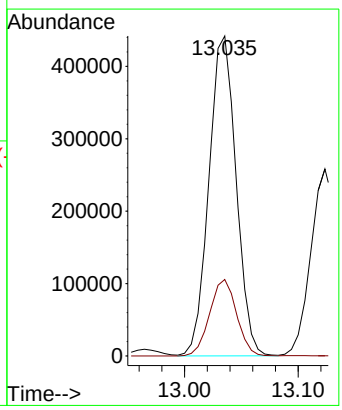


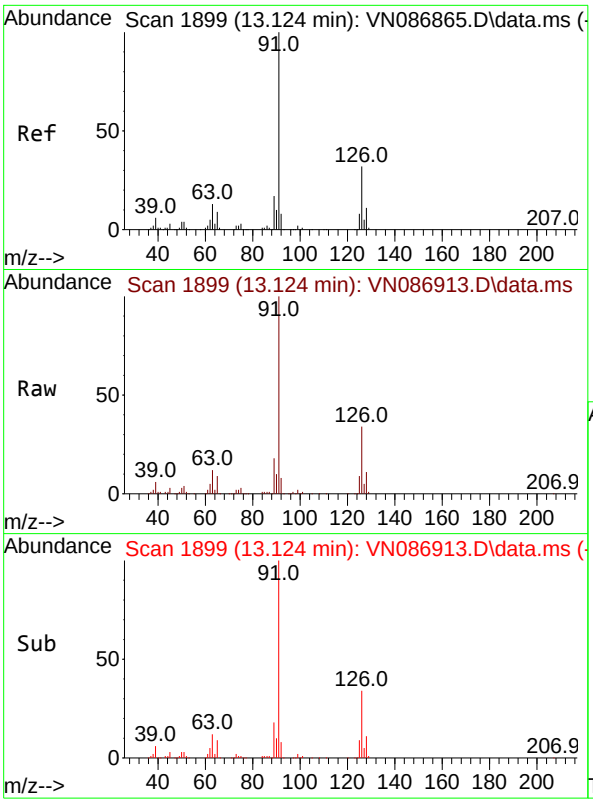


#78
n-propylbenzene
Concen: 48.621 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 91 Resp: 736021

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.4	34.2



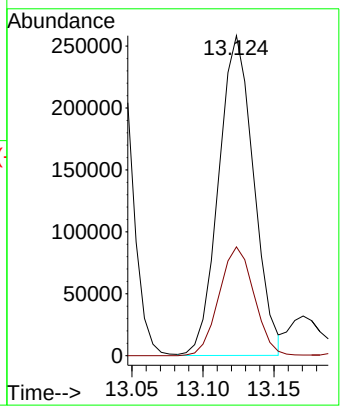


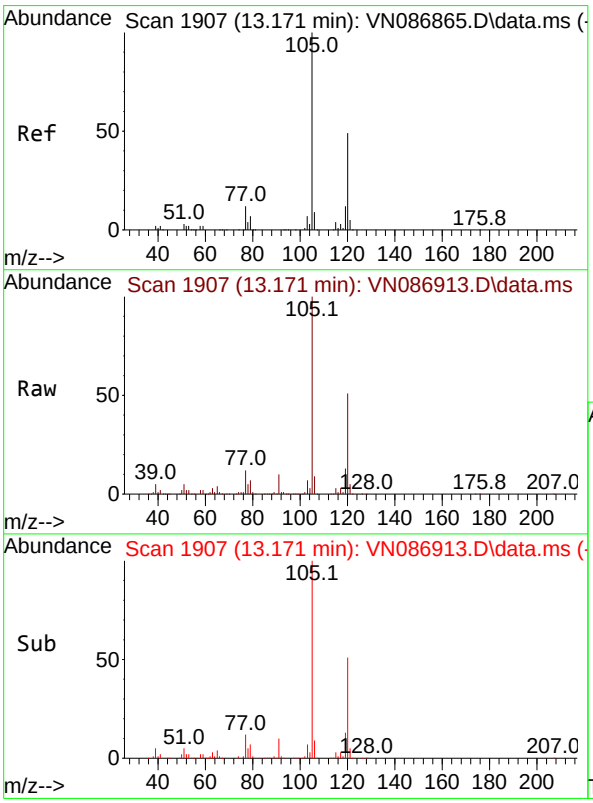
#79
2-Chlorotoluene
Concen: 48.865 ug/l
RT: 13.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 443618

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.2	48.5

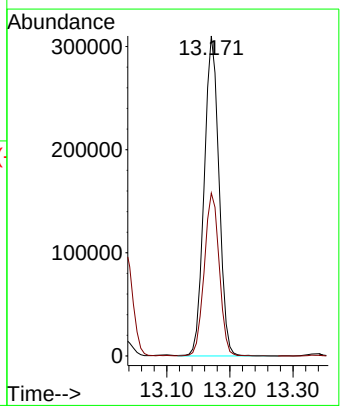


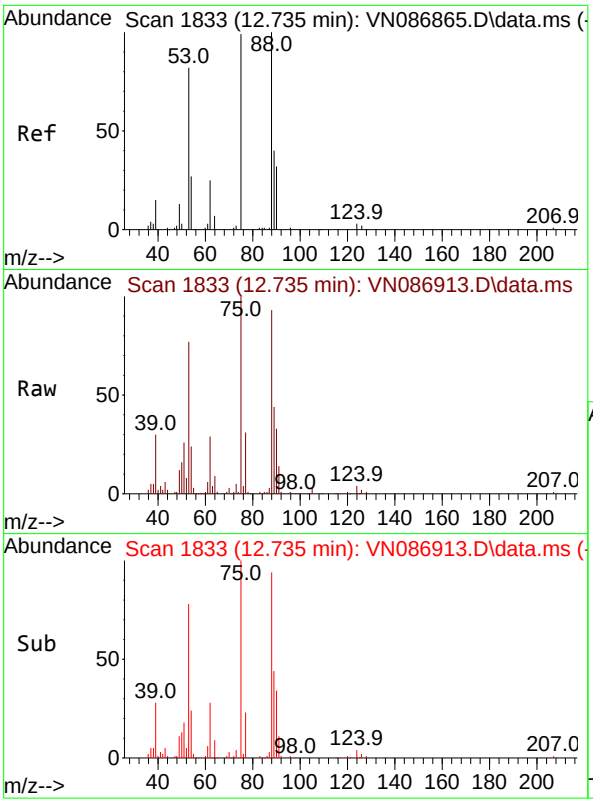


#80
1,3,5-Trimethylbenzene
Concen: 49.161 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:105 Resp: 505593

Ion	Ratio	Lower	Upper
105	100		
120	51.4	24.9	74.6



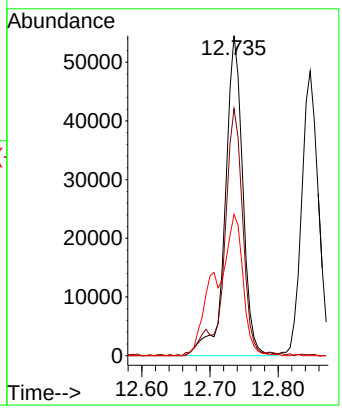


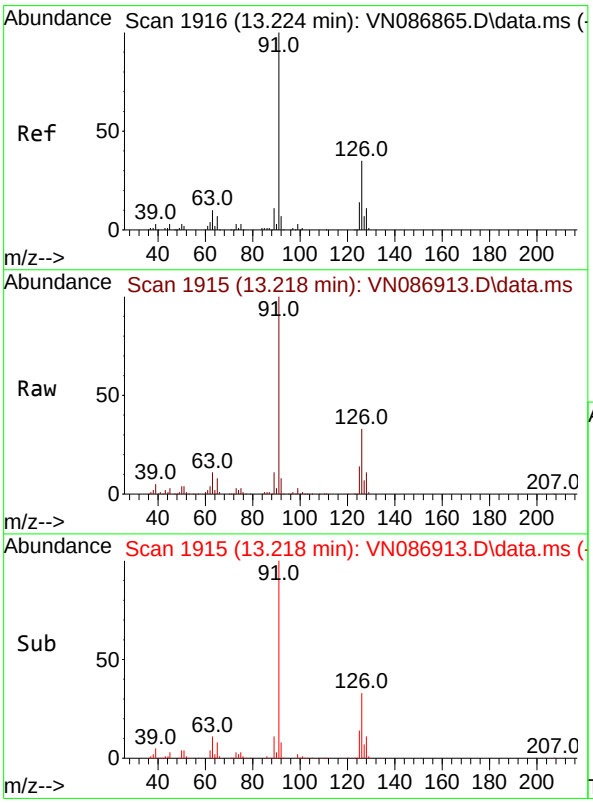
#81
trans-1,4-Dichloro-2-butene
Concen: 55.438 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 97884

Ion	Ratio	Lower	Upper
75	100		
53	75.7	66.6	99.8
89	45.3	36.7	55.1

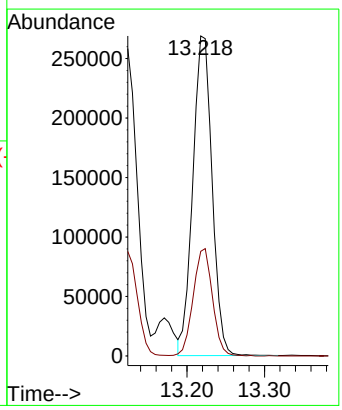


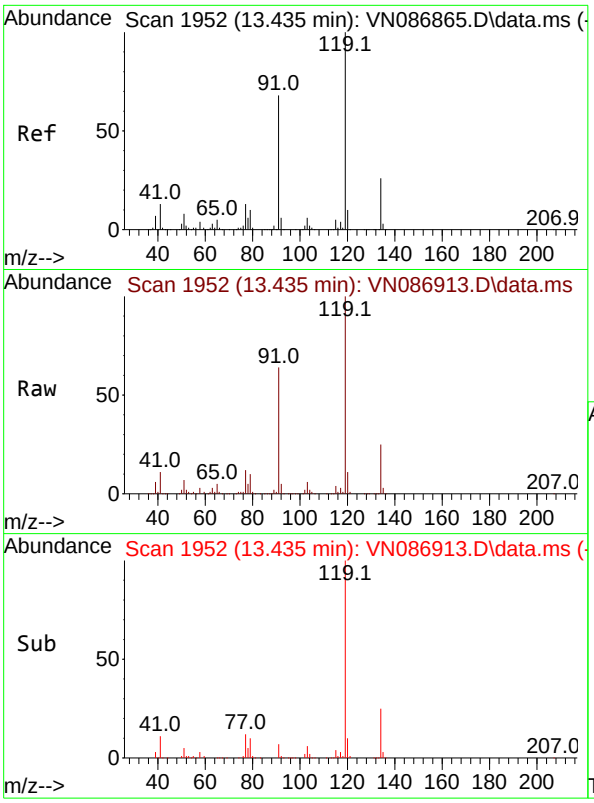


#82
4-Chlorotoluene
Concen: 50.423 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 91 Resp: 463176

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.7	50.1



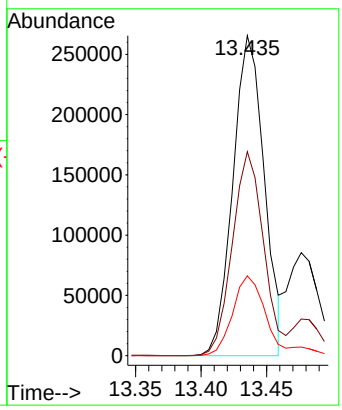


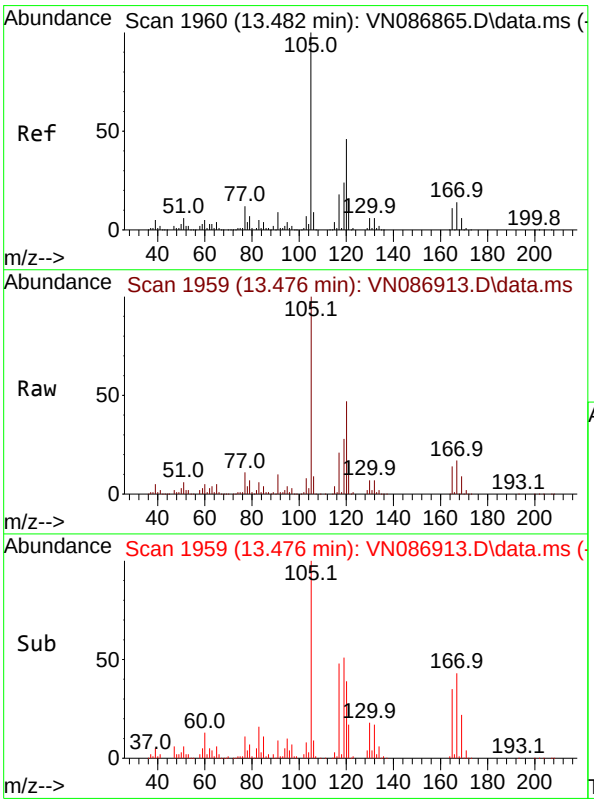
#83
tert-Butylbenzene
Concen: 46.840 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 440956

Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.1	96.5
134	27.5	13.4	40.1

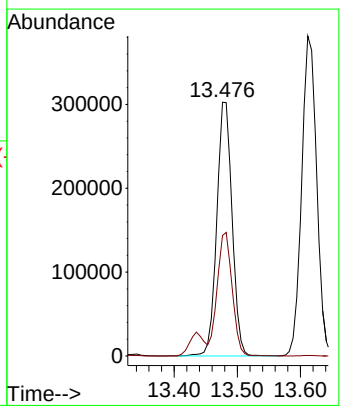


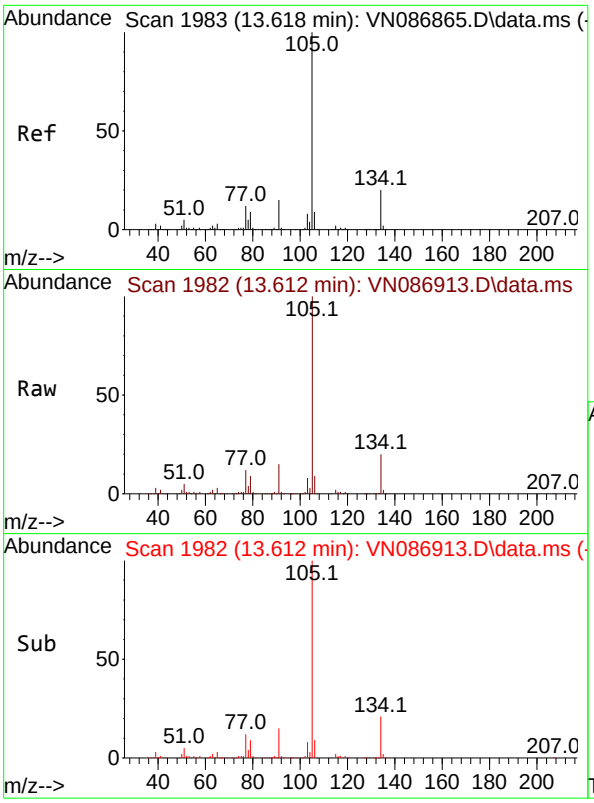


#84
1,2,4-Trimethylbenzene
Concen: 49.422 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:105 Resp: 509675

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.6



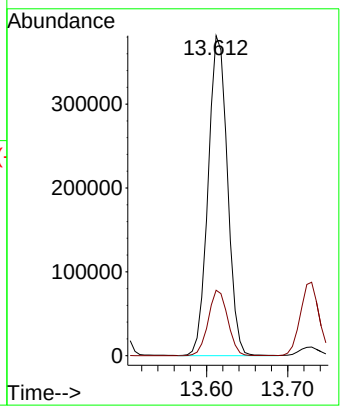


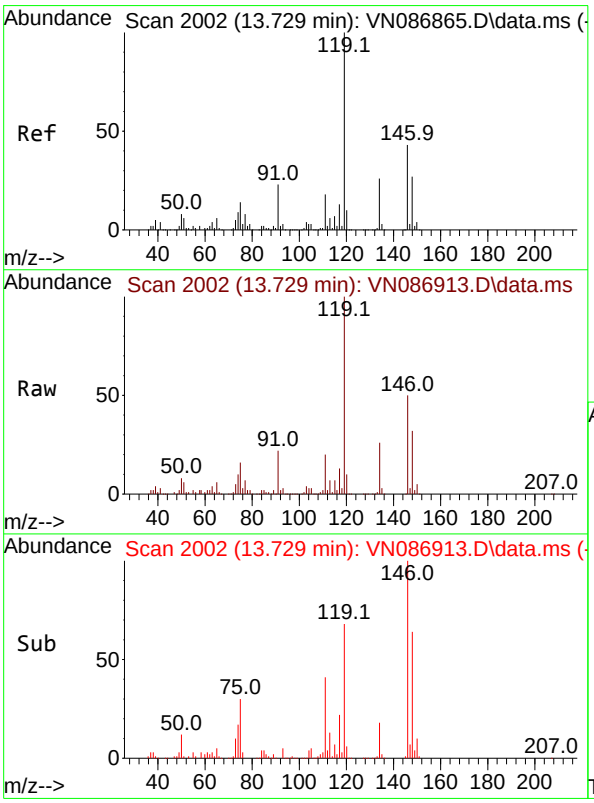
#85
sec-Butylbenzene
Concen: 46.060 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 629702

Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.0	30.0

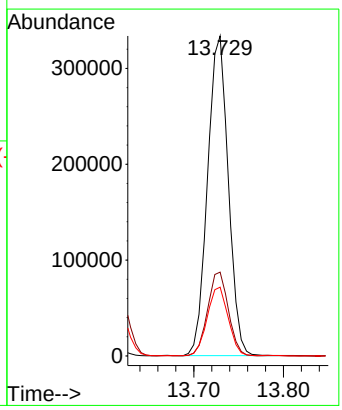


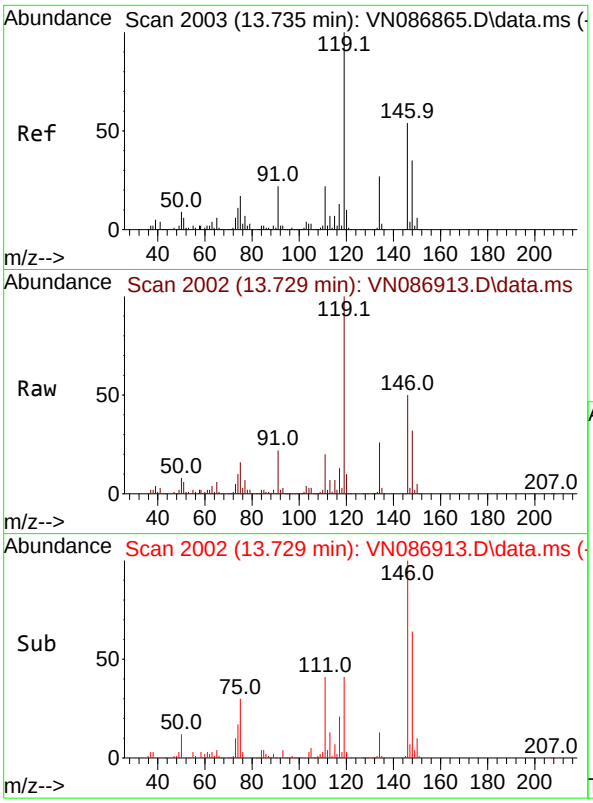


#86
p-Isopropyltoluene
Concen: 47.367 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:119 Resp: 535293

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.4
91	21.7	11.5	34.4



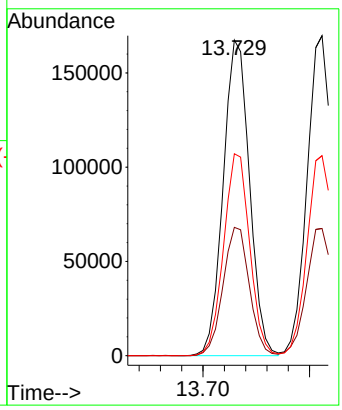


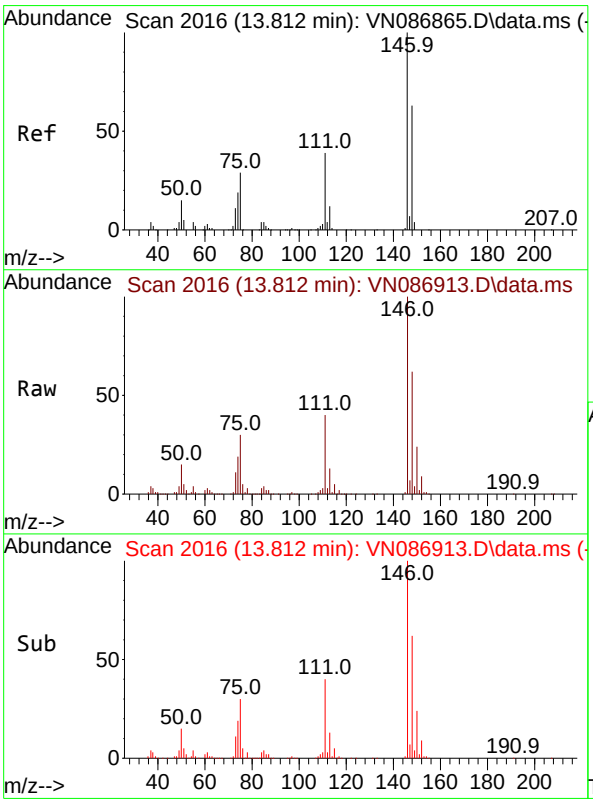
#87
1,3-Dichlorobenzene
Concen: 51.039 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 286869

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.9	62.8
148	63.5	32.0	96.2

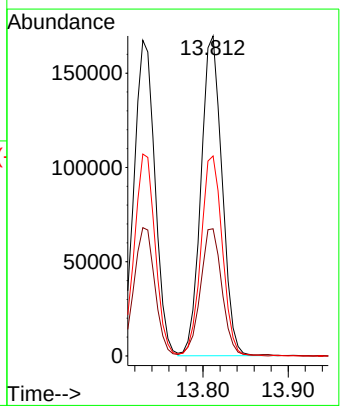


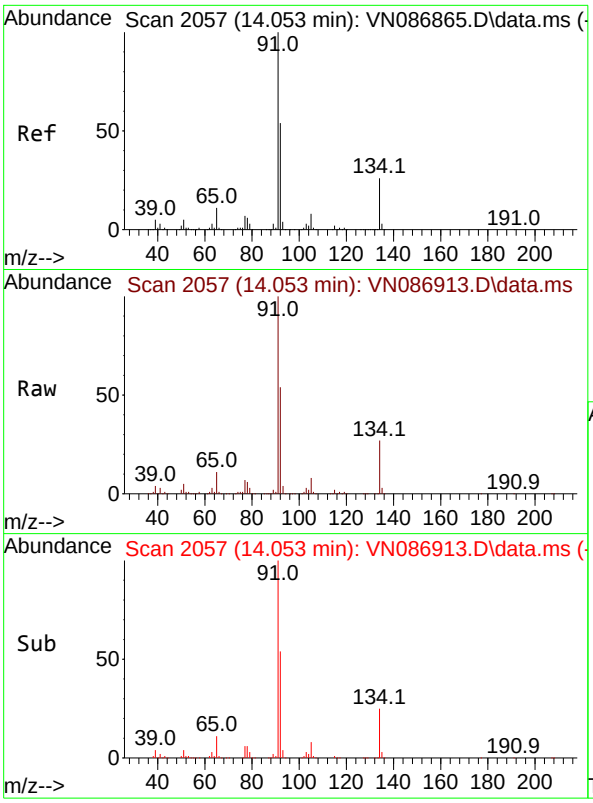


#88
1,4-Dichlorobenzene
Concen: 50.774 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:146 Resp: 290947

Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	63.4	31.8	95.4



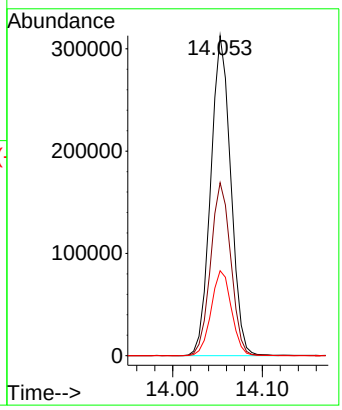


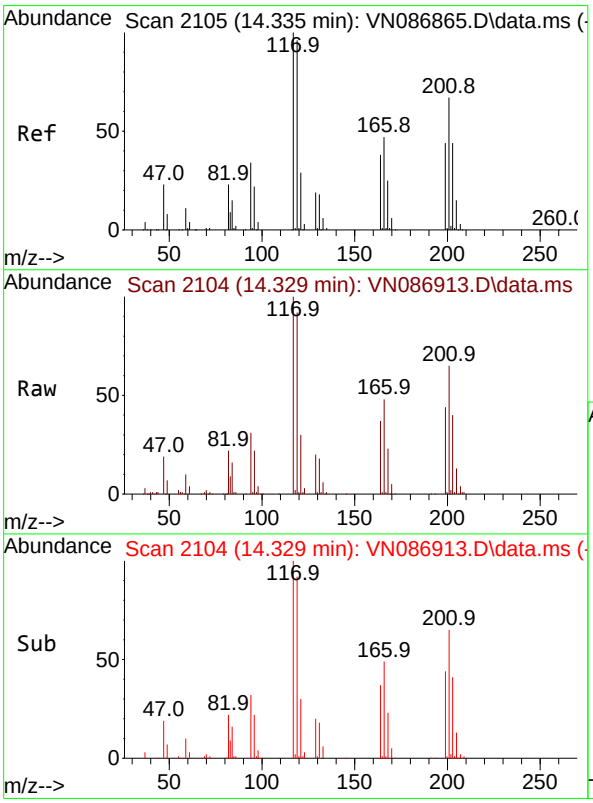
#89
n-Butylbenzene
Concen: 44.380 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 485793

Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.5	82.4
134	26.9	13.0	39.0

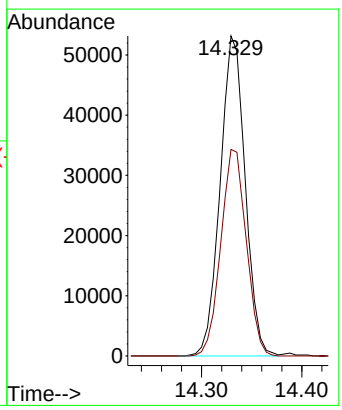


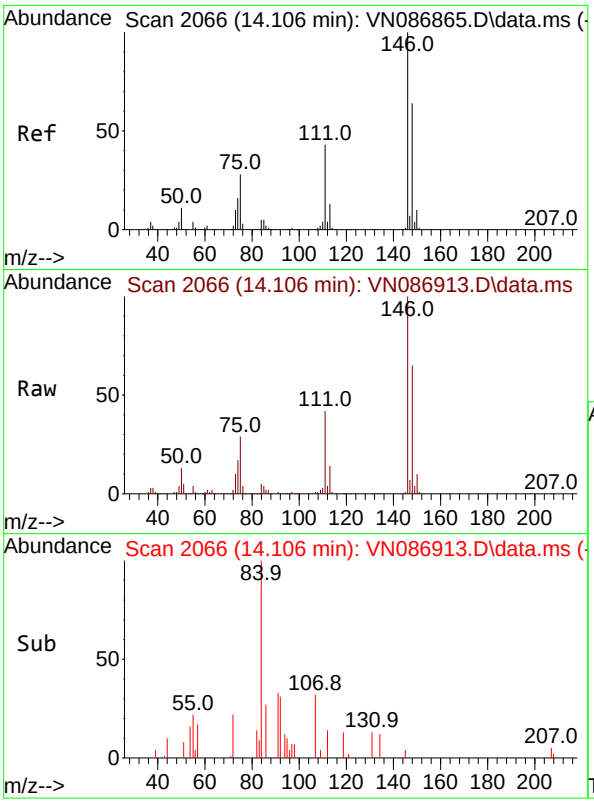


#90
Hexachloroethane
Concen: 48.027 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:117 Resp: 92000

Ion	Ratio	Lower	Upper
117	100		
201	65.8	33.2	99.6



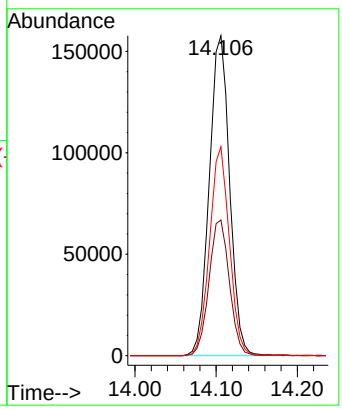


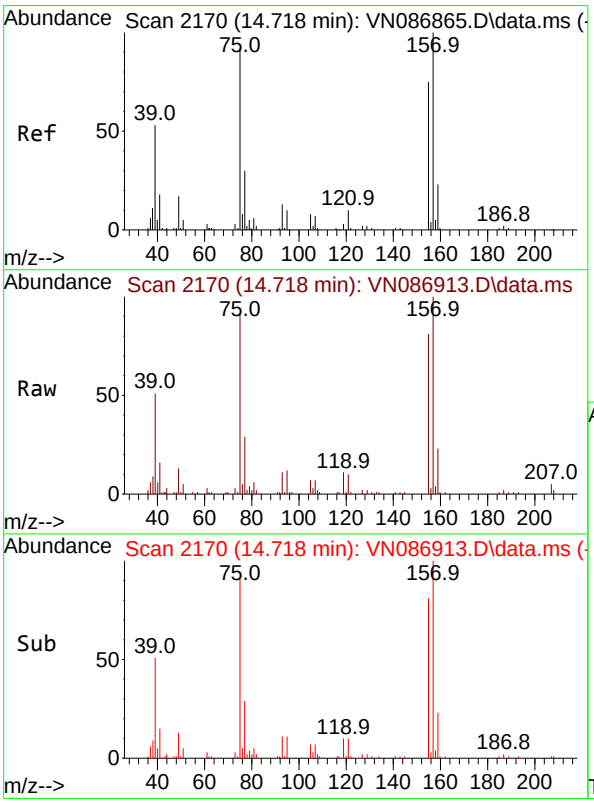
#91
1,2-Dichlorobenzene
Concen: 50.816 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 274399

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.6	64.6
148	63.7	31.7	95.1

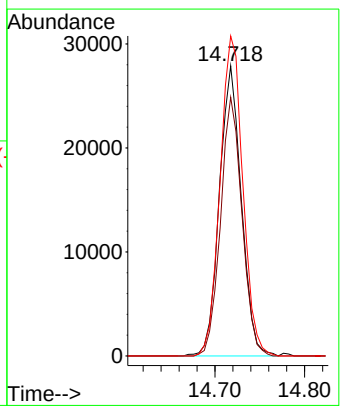


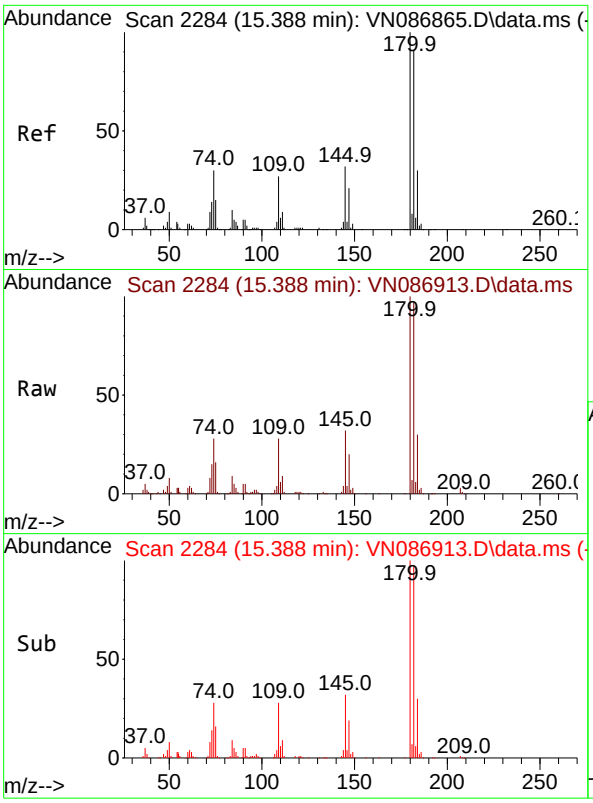


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.906 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 75 Resp: 47339

Ion	Ratio	Lower	Upper
75	100		
155	87.0	41.1	123.4
157	114.2	52.7	158.1



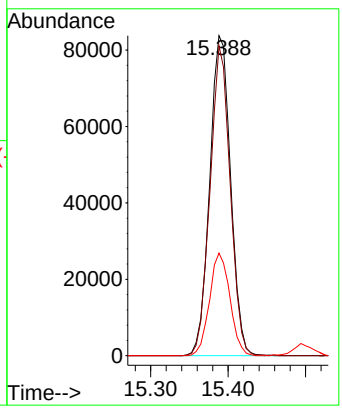


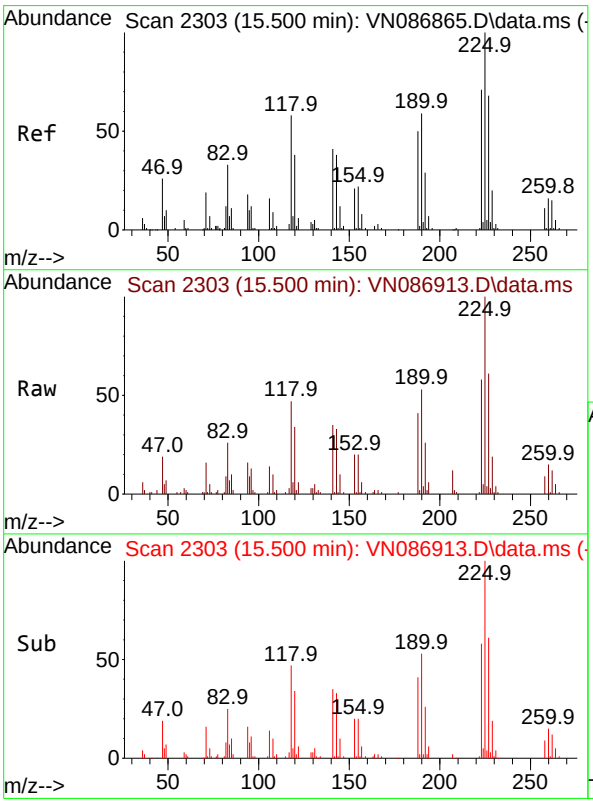
#93
1,2,4-Trichlorobenzene
Concen: 45.529 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 156993

Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.9	140.7
145	31.4	16.0	47.9

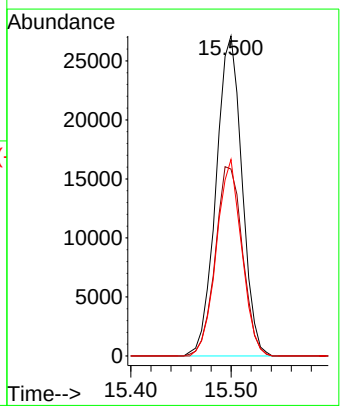


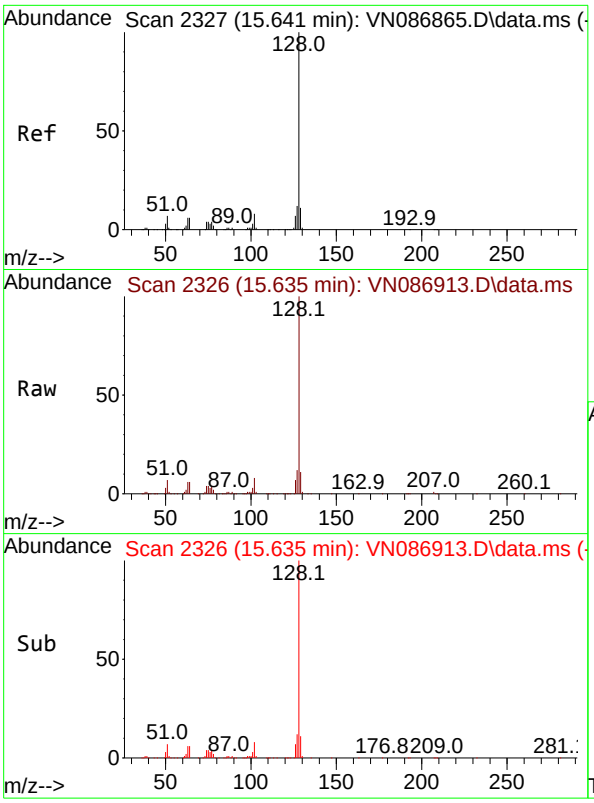


#94
Hexachlorobutadiene
Concen: 37.848 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:225 Resp: 48622

Ion	Ratio	Lower	Upper
225	100		
223	62.1	33.5	100.4
227	59.7	31.1	93.5



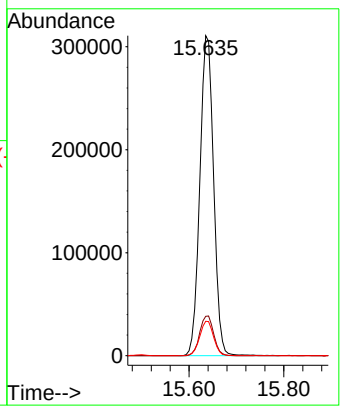


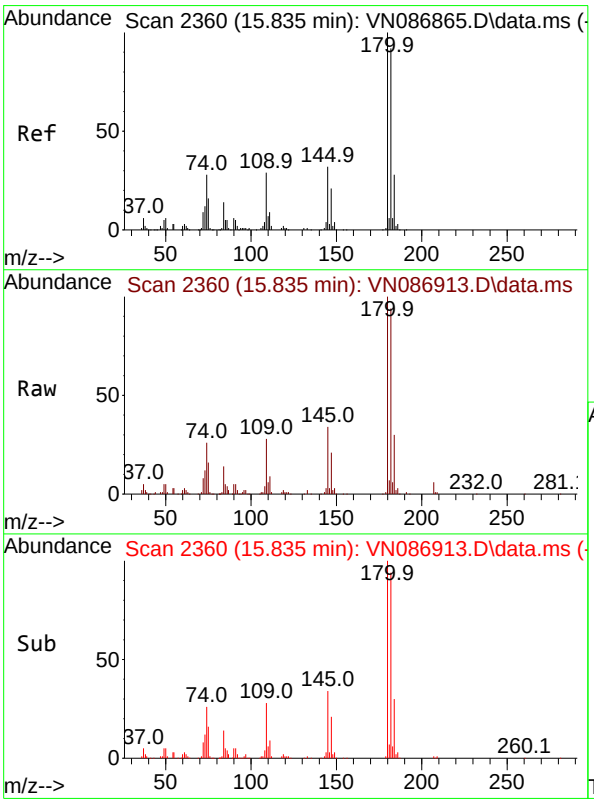
#95
Naphthalene
Concen: 48.711 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 625189

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.8	13.2

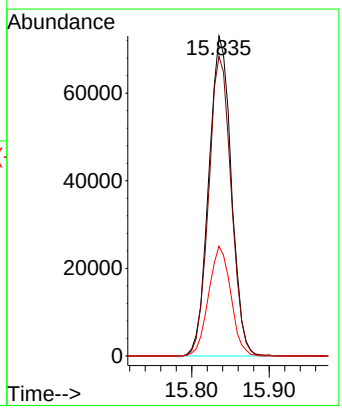




#96
1,2,3-Trichlorobenzene
Concen: 42.897 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:180 Resp: 146962

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.0	141.0
145	33.9	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086916.D
Acq On : 10 Jun 2025 10:30
Operator : JC\MD
Sample : VN0610WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Quant Time: Jun 11 01:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	249843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	443174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	389297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	189620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	151805	45.381	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.760%		
35) Dibromofluoromethane	8.177	113	129937	49.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.940%		
50) Toluene-d8	10.571	98	505508	48.620	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.240%		
62) 4-Bromofluorobenzene	12.847	95	186676	48.327	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	47416	19.034	ug/l	98
3) Chloromethane	2.401	50	51246	15.931	ug/l	100
4) Vinyl Chloride	2.553	62	59638	17.973	ug/l	98
5) Bromomethane	3.000	94	36539	19.677	ug/l	96
6) Chloroethane	3.159	64	39443	18.402	ug/l	96
7) Trichlorofluoromethane	3.530	101	79526	18.343	ug/l	97
8) Diethyl Ether	3.983	74	35508	18.798	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	49596	18.208	ug/l	99
10) Methyl Iodide	4.612	142	51915	14.703	ug/l	95
11) Tert butyl alcohol	5.530	59	74605	82.194	ug/l	99
12) 1,1-Dichloroethene	4.365	96	52125	18.744	ug/l	90
13) Acrolein	4.200	56	22542	78.459	ug/l	98
14) Allyl chloride	5.047	41	78157	16.947	ug/l	97
15) Acrylonitrile	5.741	53	189727	89.429	ug/l	99
16) Acetone	4.447	43	142458	80.306	ug/l	97
17) Carbon Disulfide	4.736	76	131873	17.144	ug/l	100
18) Methyl Acetate	5.047	43	88551	17.129	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	187833	18.655	ug/l	99
20) Methylene Chloride	5.300	84	57671	17.365	ug/l	95
21) trans-1,2-Dichloroethene	5.812	96	55486	17.934	ug/l	96
22) Diisopropyl ether	6.688	45	176809	18.188	ug/l	96
23) Vinyl Acetate	6.618	43	744861	90.687	ug/l	98
24) 1,1-Dichloroethane	6.583	63	101669	18.173	ug/l	98
25) 2-Butanone	7.494	43	242187	83.991	ug/l	95
26) 2,2-Dichloropropane	7.500	77	89631	20.596	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	69159	18.691	ug/l	99
28) Bromochloromethane	7.824	49	45748	16.632	ug/l	93
29) Tetrahydrofuran	7.847	42	160591	85.494	ug/l	97
30) Chloroform	7.977	83	101594	18.184	ug/l	97
31) Cyclohexane	8.265	56	89487	16.494	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	85981	18.094	ug/l	98
36) 1,1-Dichloropropene	8.382	75	74129	18.942	ug/l	100
37) Ethyl Acetate	7.571	43	88740	17.812	ug/l	99
38) Carbon Tetrachloride	8.371	117	72144	18.777	ug/l	97
39) Methylcyclohexane	9.606	83	85476	15.942	ug/l	96
40) Benzene	8.612	78	236213	18.458	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086916.D
Acq On : 10 Jun 2025 10:30
Operator : JC\MD
Sample : VN0610WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Quant Time: Jun 11 01:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	48124	17.200	ug/l		93
42) 1,2-Dichloroethane	8.677	62	72690	18.727	ug/l		99
43) Isopropyl Acetate	8.694	43	144037	18.014	ug/l		97
44) Trichloroethene	9.353	130	58449	19.262	ug/l		97
45) 1,2-Dichloropropane	9.624	63	58046	18.644	ug/l		97
46) Dibromomethane	9.712	93	39229	18.970	ug/l		98
47) Bromodichloromethane	9.888	83	80034	18.810	ug/l		99
48) Methyl methacrylate	9.682	41	64650	17.567	ug/l		96
49) 1,4-Dioxane	9.700	88	23656	353.325	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.447	43	440301	91.469	ug/l		98
52) Toluene	10.629	92	148340	18.967	ug/l		97
53) t-1,3-Dichloropropene	10.835	75	93038	19.555	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	98066	19.264	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	58629	19.483	ug/l		99
56) Ethyl methacrylate	10.882	69	93272	19.460	ug/l		96
57) 1,3-Dichloropropane	11.165	76	99132	18.990	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	251485	87.967	ug/l		98
59) 2-Hexanone	11.206	43	271013	87.405	ug/l		91
60) Dibromochloromethane	11.359	129	61081	19.481	ug/l		99
61) 1,2-Dibromoethane	11.470	107	58347	18.916	ug/l		100
64) Tetrachloroethene	11.106	164	44151	17.920	ug/l		94
65) Chlorobenzene	11.888	112	162051	18.874	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	52766	19.118	ug/l		99
67) Ethyl Benzene	11.965	91	270410	18.284	ug/l		98
68) m/p-Xylenes	12.070	106	213409	37.696	ug/l		96
69) o-Xylene	12.400	106	102597	18.922	ug/l		98
70) Styrene	12.412	104	176358	19.008	ug/l		99
71) Bromoform	12.576	173	41058	20.077	ug/l	#	98
73) Isopropylbenzene	12.694	105	249411	18.055	ug/l		100
74) N-amyl acetate	12.529	43	77997	16.158	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.941	83	90657	19.372	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	122315	27.137	ug/l		68
77) Bromobenzene	12.976	156	61956	19.557	ug/l		97
78) n-propylbenzene	13.035	91	298896	17.805	ug/l		100
79) 2-Chlorotoluene	13.123	91	183491	18.226	ug/l		96
80) 1,3,5-Trimethylbenzene	13.170	105	201924	17.705	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	39145	19.992	ug/l		91
82) 4-Chlorotoluene	13.217	91	188207	18.476	ug/l		99
83) tert-Butylbenzene	13.435	119	186449	17.859	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	206670	18.071	ug/l		100
85) sec-Butylbenzene	13.612	105	255364	16.843	ug/l		99
86) p-Isopropyltoluene	13.729	119	212141	16.927	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	117325	18.823	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	118648	18.671	ug/l		99
89) n-Butylbenzene	14.053	91	197259	16.250	ug/l		99
90) Hexachloroethane	14.329	117	36492	17.178	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	112799	18.837	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20803	18.587	ug/l		99
93) 1,2,4-Trichlorobenzene	15.388	180	64838	16.956	ug/l		100
94) Hexachlorobutadiene	15.500	225	20732	14.552	ug/l		98
95) Naphthalene	15.635	128	257750	18.109	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	59536	15.670	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086916.D
Acq On : 10 Jun 2025 10:30
Operator : JC\MD
Sample : VN0610WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Quant Time: Jun 11 01:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

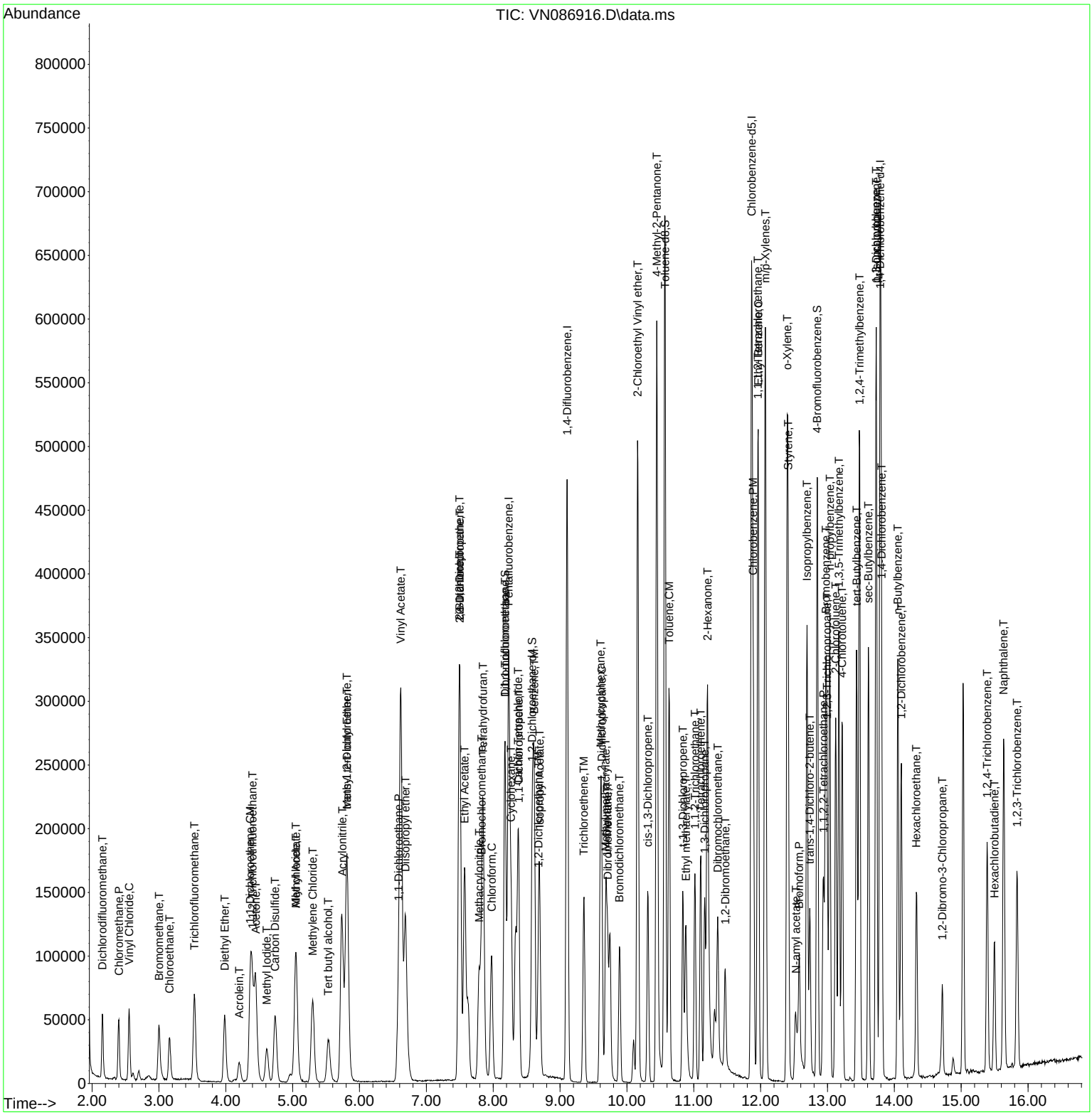
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

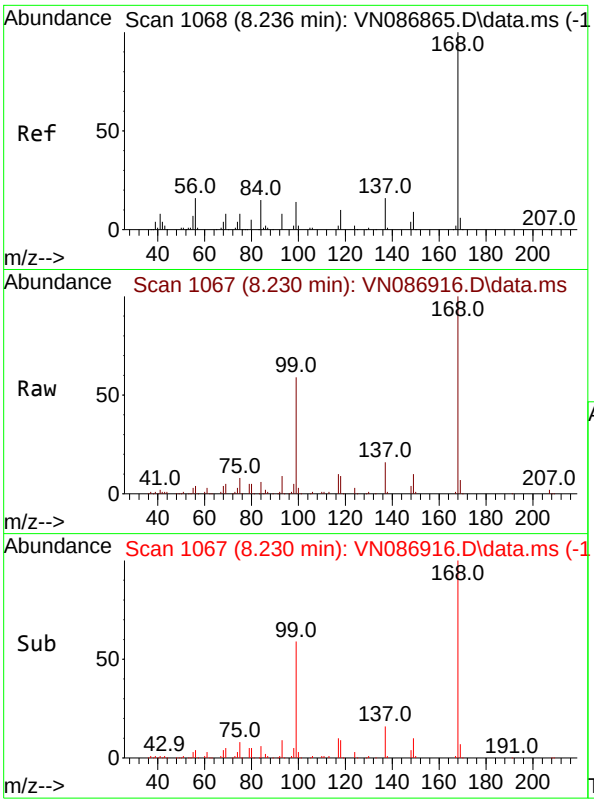
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086916.D
Acq On : 10 Jun 2025 10:30
Operator : JC\MD
Sample : VN0610WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Quant Time: Jun 11 01:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



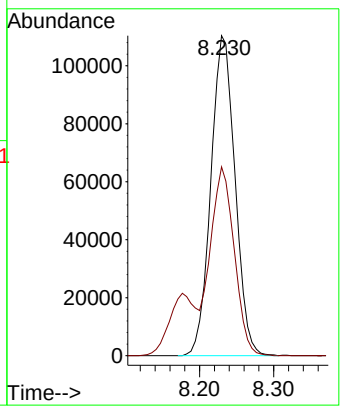


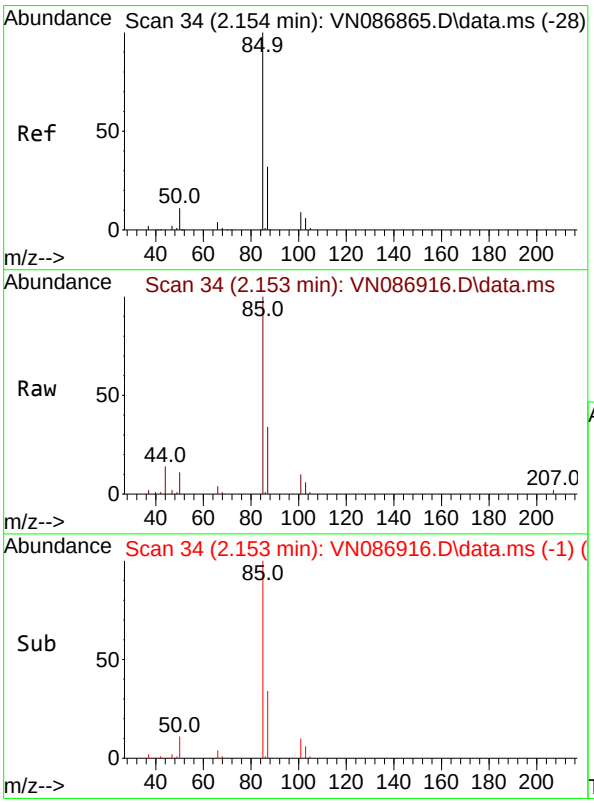
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:168 Resp: 249843

Ion	Ratio	Lower	Upper
168	100		
99	59.0	49.1	73.7

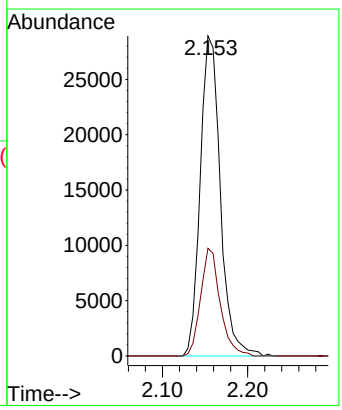


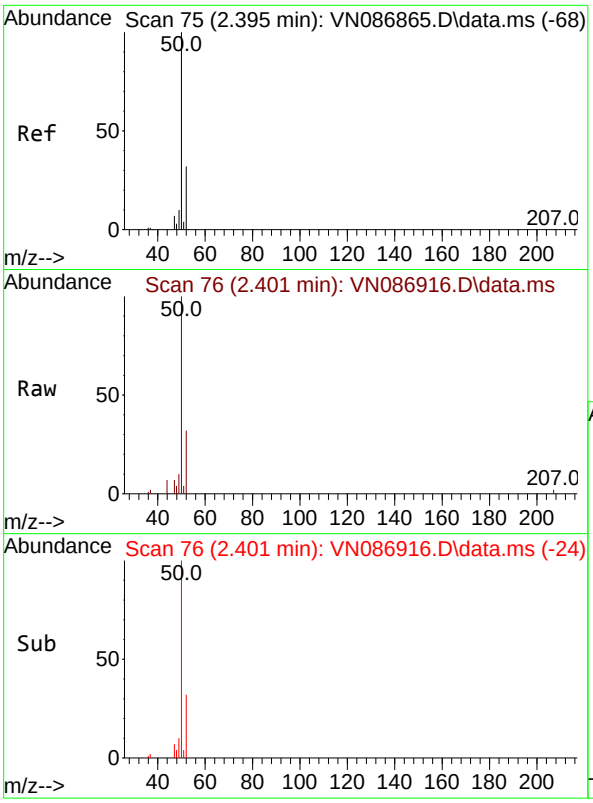


#2
Dichlorodifluoromethane
Concen: 19.034 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 85 Resp: 47416

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.2	48.6



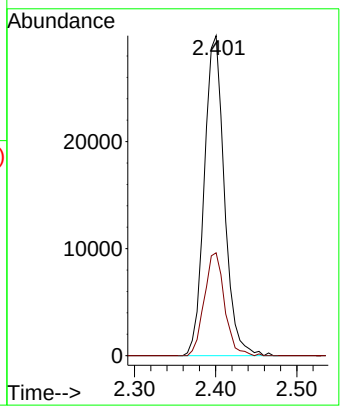


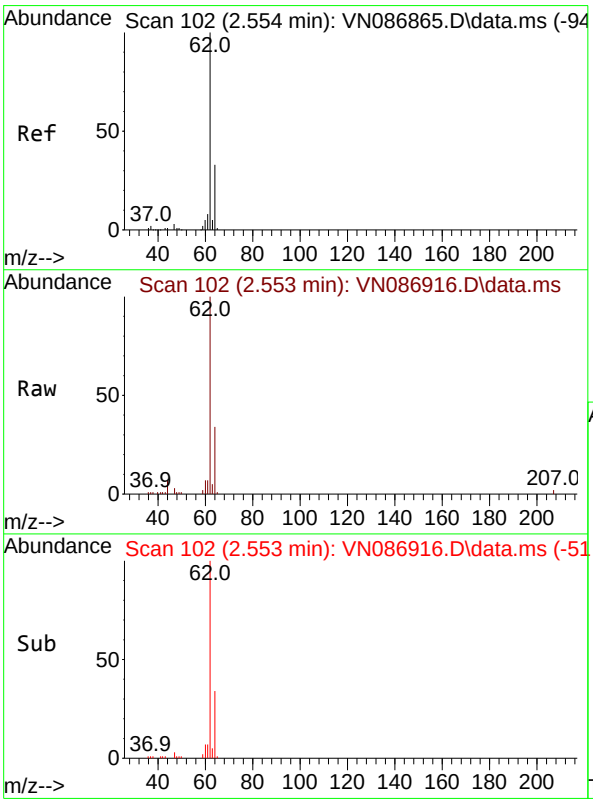
#3
Chloromethane
Concen: 15.931 ug/l
RT: 2.401 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 50 Resp: 51246

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.7	38.5

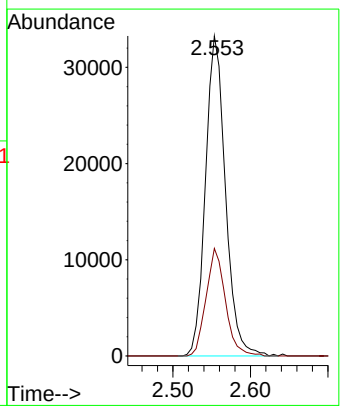


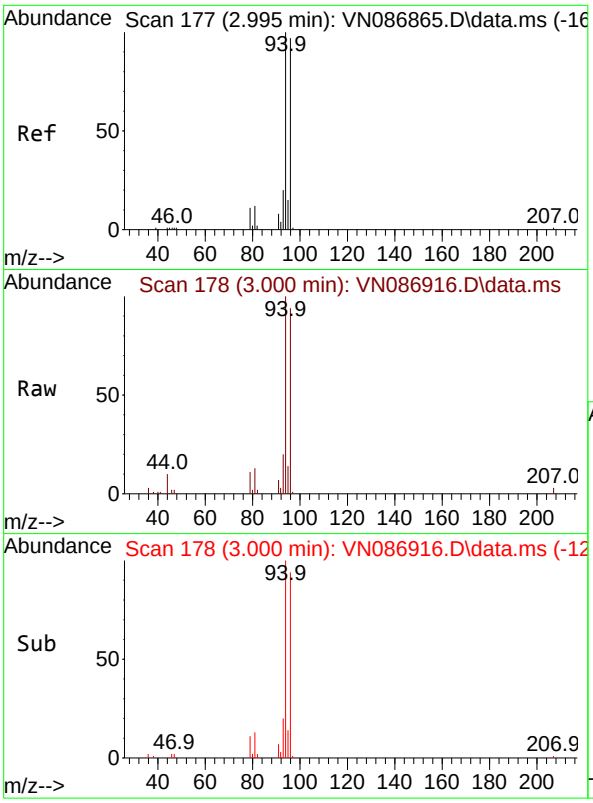


#4
Vinyl Chloride
Concen: 17.973 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 62 Resp: 59638

Ion	Ratio	Lower	Upper
62	100		
64	33.6	26.0	39.0



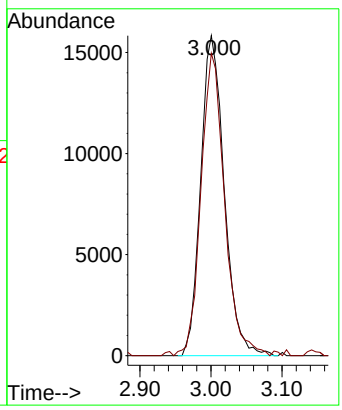


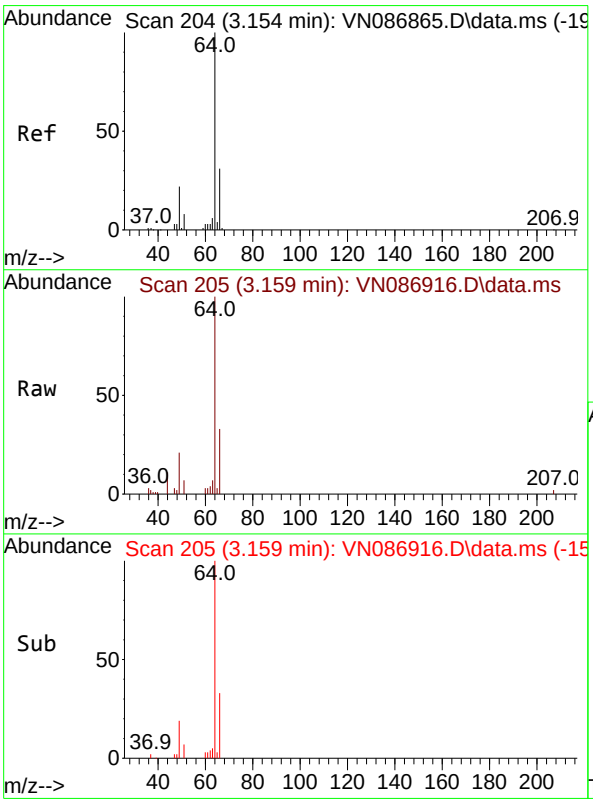
#5
Bromomethane
Concen: 19.677 ug/l
RT: 3.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 94 Resp: 36539

Ion	Ratio	Lower	Upper
94	100		
96	93.4	77.9	116.9

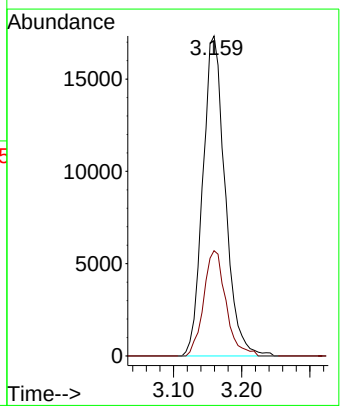


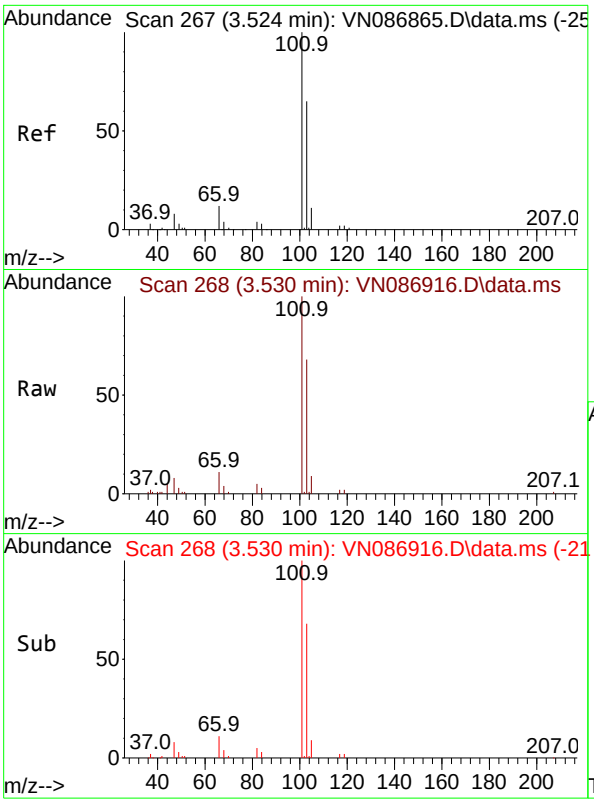


#6
Chloroethane
Concen: 18.402 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 64 Resp: 39443

Ion	Ratio	Lower	Upper
64	100		
66	32.9	24.6	36.8



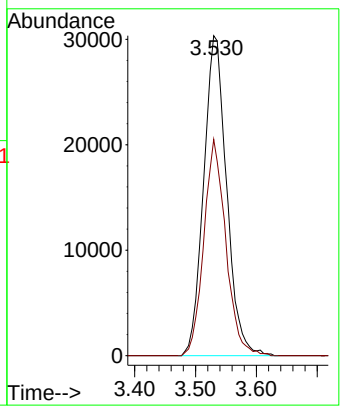


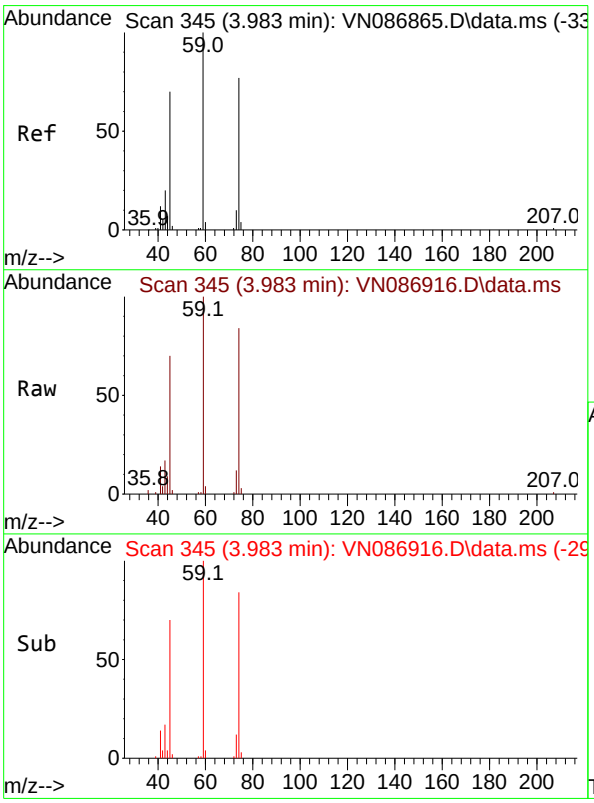
#7
Trichlorofluoromethane
Concen: 18.343 ug/l
RT: 3.530 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:101 Resp: 79526

Ion	Ratio	Lower	Upper
101	100		
103	67.6	52.2	78.2

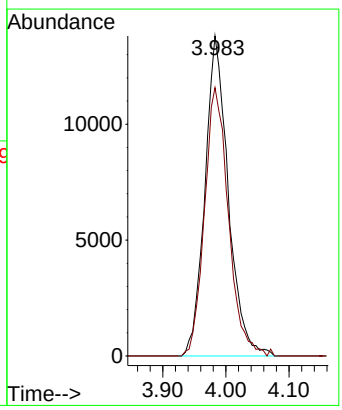


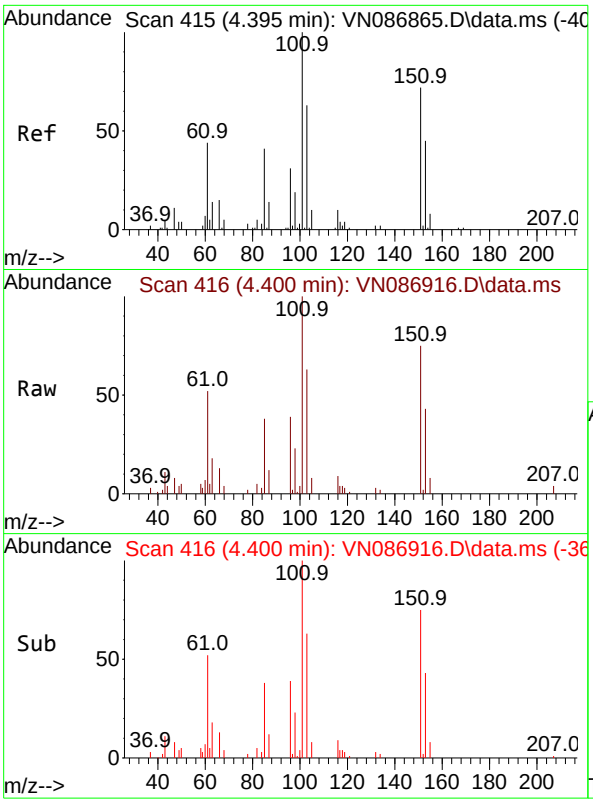


#8
Diethyl Ether
Concen: 18.798 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 74 Resp: 35508

Ion	Ratio	Lower	Upper
74	100		
45	86.0	45.5	136.5



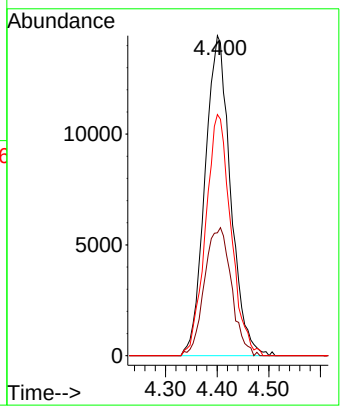


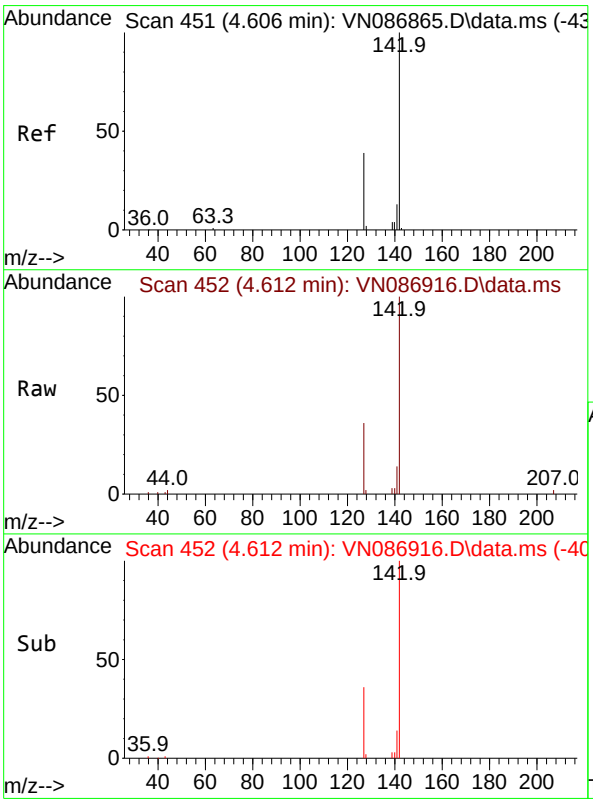
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.208 ug/l
RT: 4.400 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:101 Resp: 49596

Ion	Ratio	Lower	Upper
101	100		
85	42.1	33.8	50.8
151	74.8	58.7	88.1

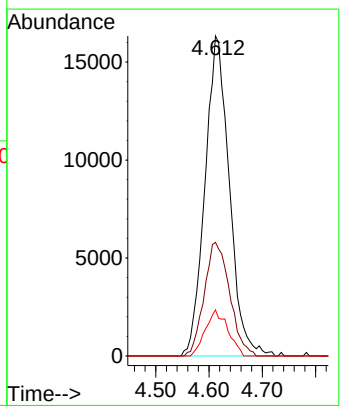


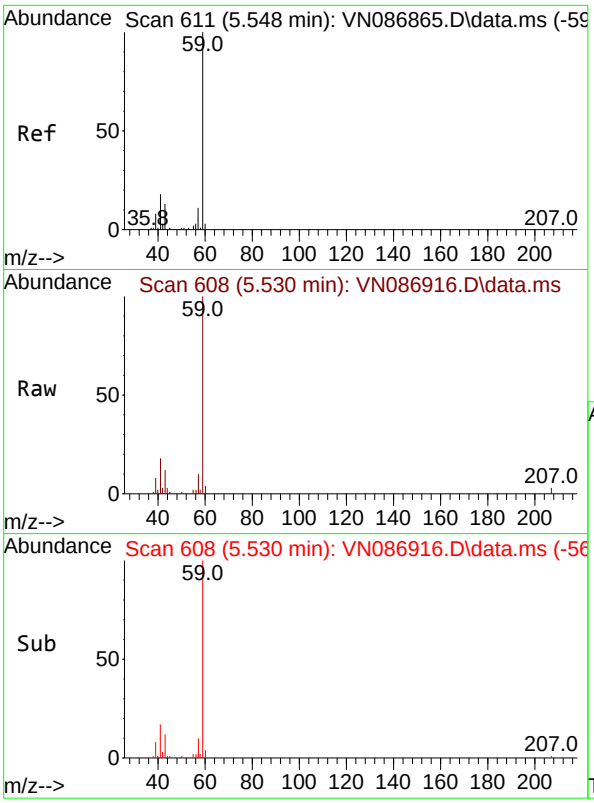


#10
Methyl Iodide
Concen: 14.703 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:142 Resp: 51915

Ion	Ratio	Lower	Upper
142	100		
127	35.5	30.9	46.3
141	14.4	10.4	15.6



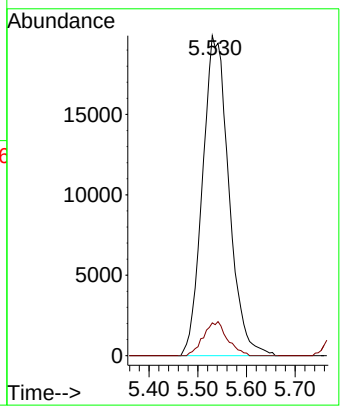


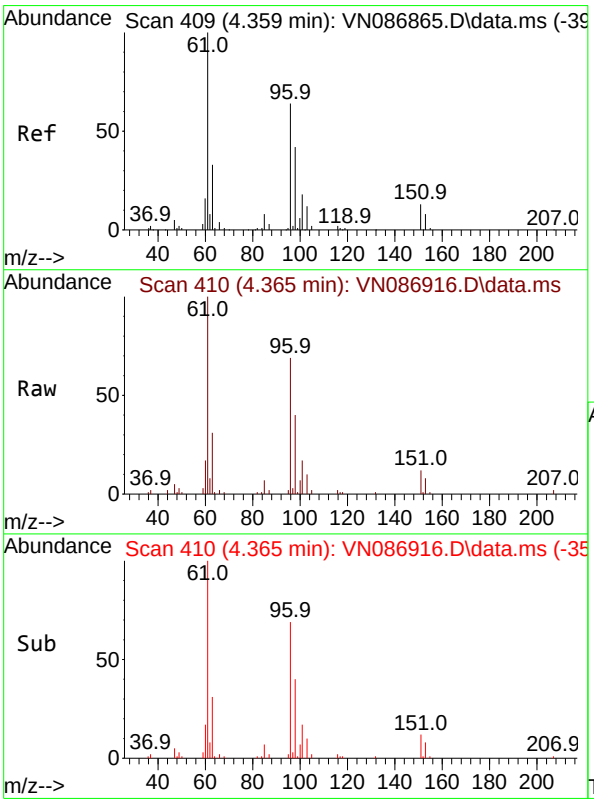
#11
Tert butyl alcohol
Concen: 82.194 ug/l
RT: 5.530 min Scan# 6
Delta R.T. -0.018 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 59 Resp: 74605

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.1	12.1

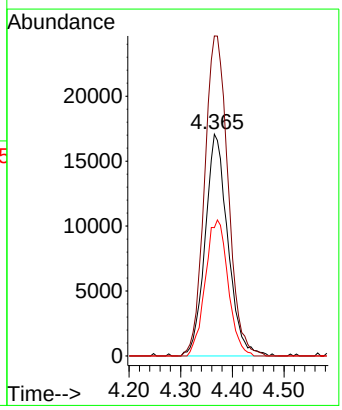


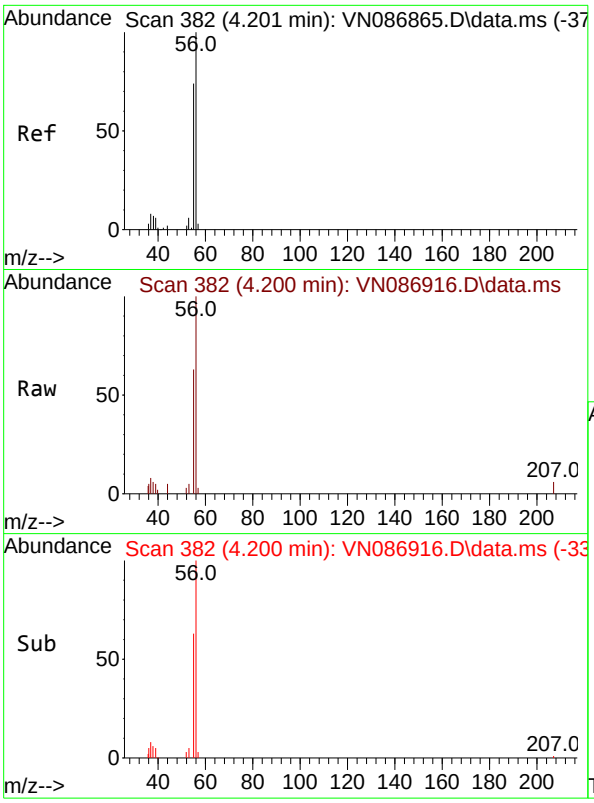


#12
1,1-Dichloroethene
Concen: 18.744 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 96 Resp: 52125

Ion	Ratio	Lower	Upper
96	100		
61	144.3	125.8	188.6
98	57.9	52.5	78.7



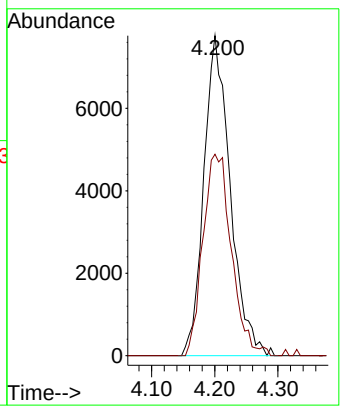


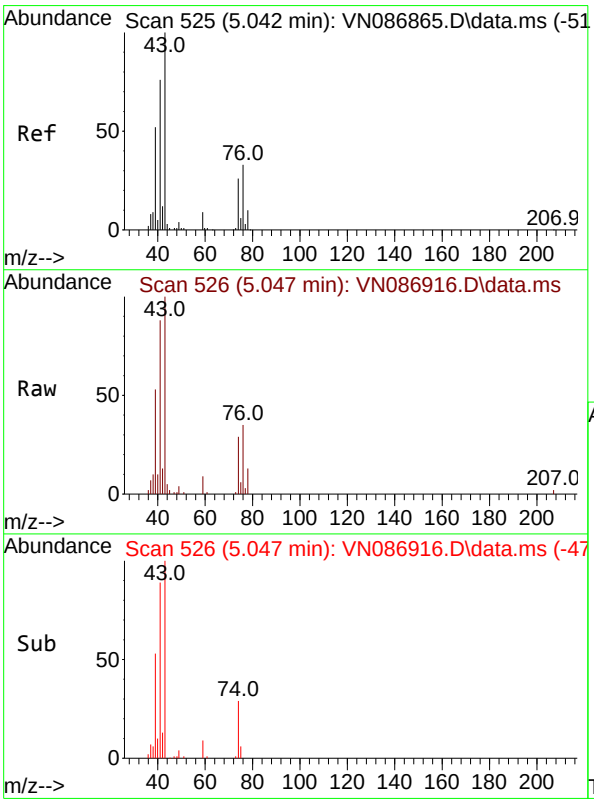
#13
Acrolein
Concen: 78.459 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 56 Resp: 22542

Ion	Ratio	Lower	Upper
56	100		
55	68.0	55.6	83.4

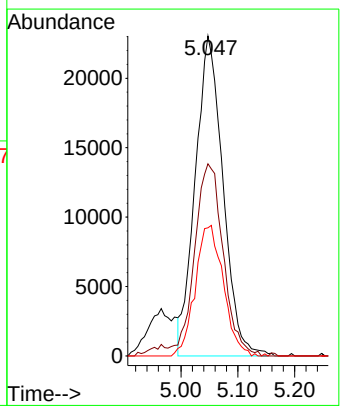


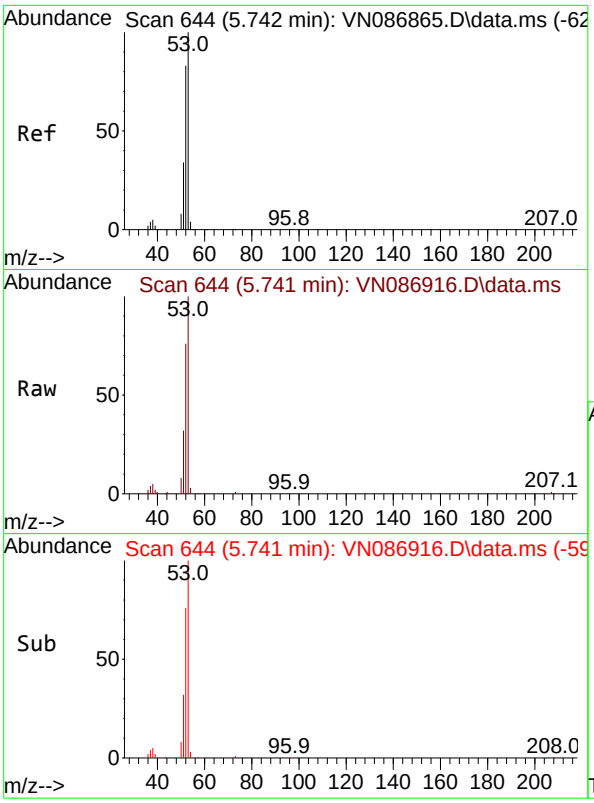


#14
Allyl chloride
Concen: 16.947 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 41 Resp: 78157

Ion	Ratio	Lower	Upper
41	100		
39	62.2	51.3	76.9
76	41.3	31.4	47.0



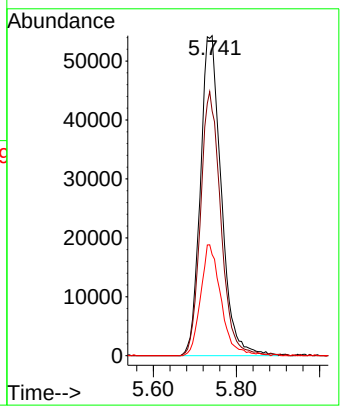


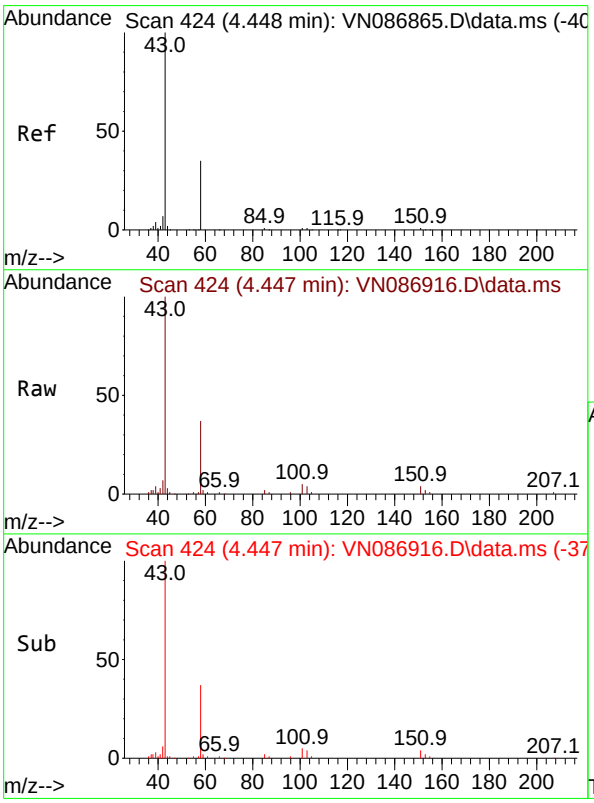
#15
Acrylonitrile
Concen: 89.429 ug/l
RT: 5.741 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 53 Resp: 189727

Ion	Ratio	Lower	Upper
53	100		
52	79.9	65.0	97.6
51	33.6	27.2	40.8

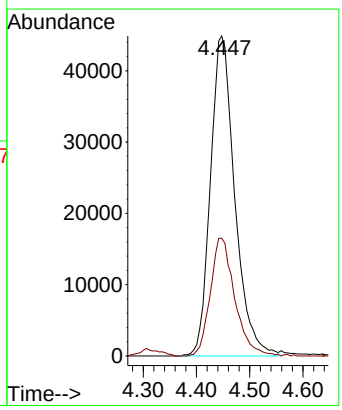


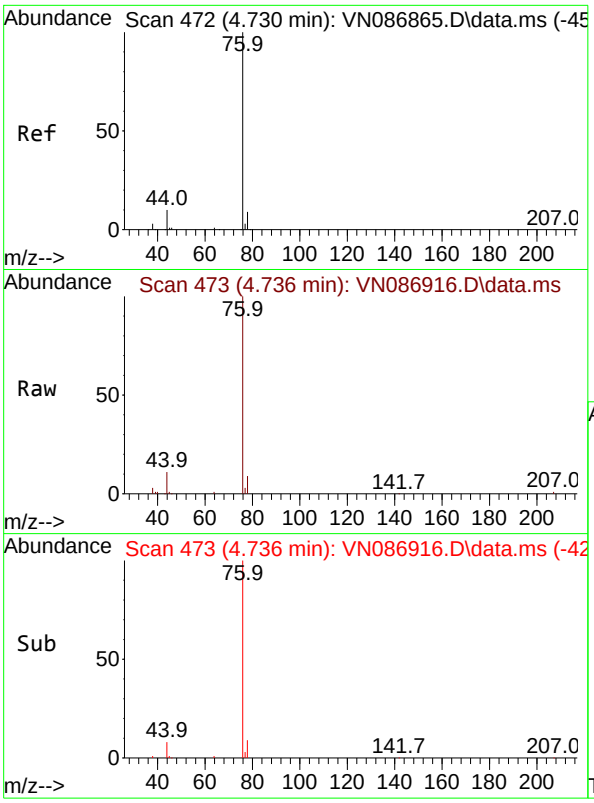


#16
Acetone
Concen: 80.306 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 142458

Ion	Ratio	Lower	Upper
43	100		
58	36.8	28.0	42.0



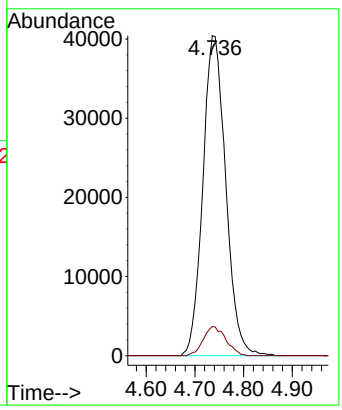


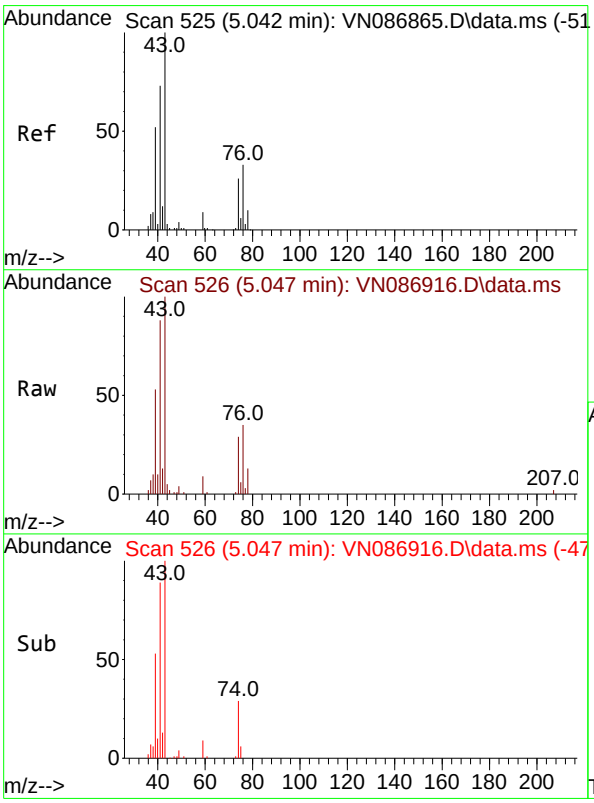
#17
Carbon Disulfide
Concen: 17.144 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 76 Resp: 131873

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

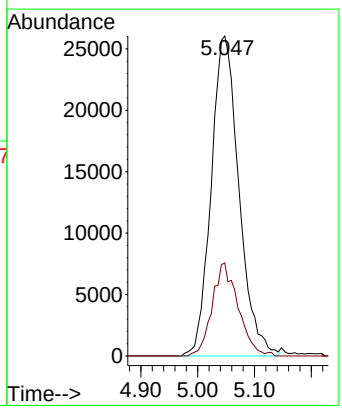


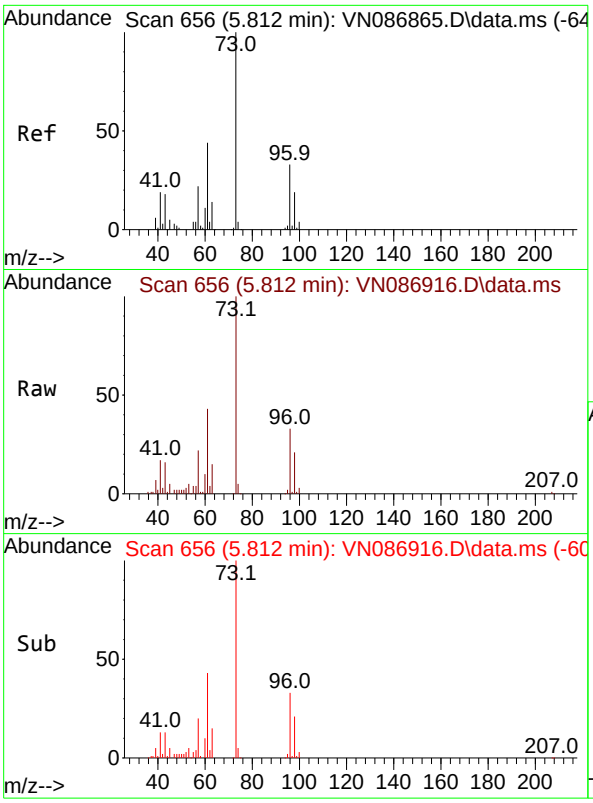


#18
Methyl Acetate
Concen: 17.129 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 88551

Ion	Ratio	Lower	Upper
43	100		
74	27.2	20.7	31.1



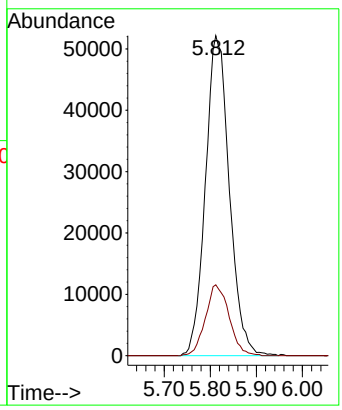


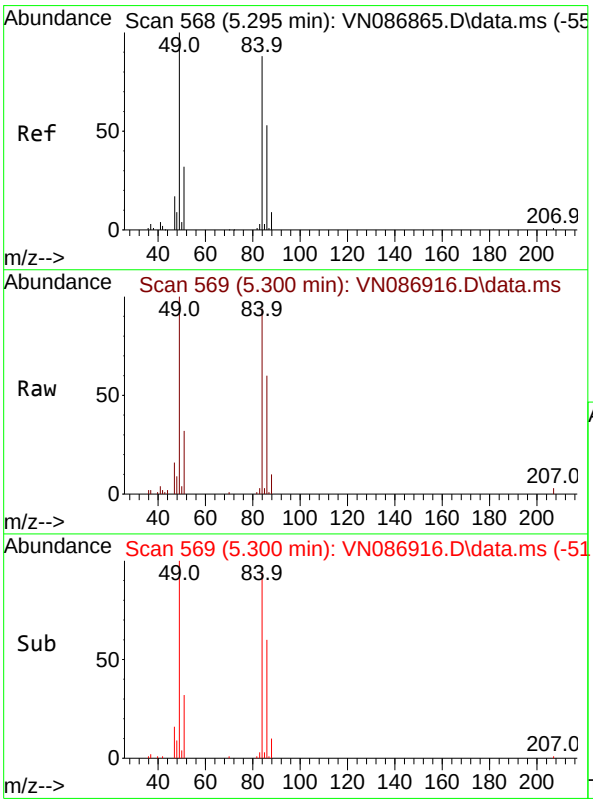
#19
Methyl tert-butyl Ether
Concen: 18.655 ug/l
RT: 5.812 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 73 Resp: 187833

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.4	26.2

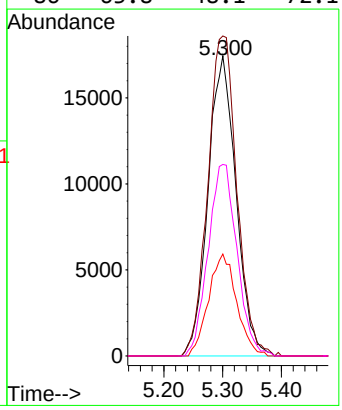


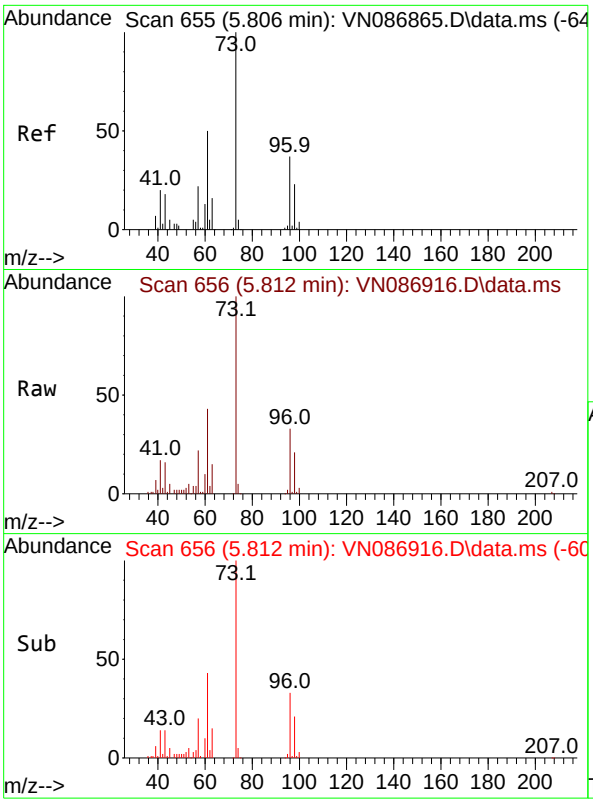


#20
Methylene Chloride
Concen: 17.365 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 84 Resp: 57671

Ion	Ratio	Lower	Upper
84	100		
49	106.7	90.5	135.7
51	34.0	28.5	42.7
86	63.8	48.1	72.1



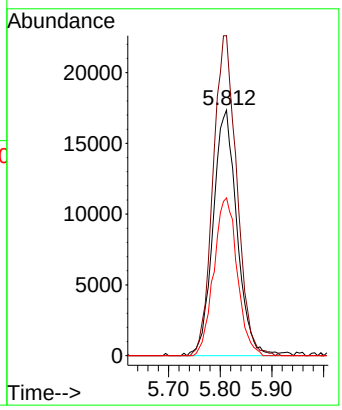


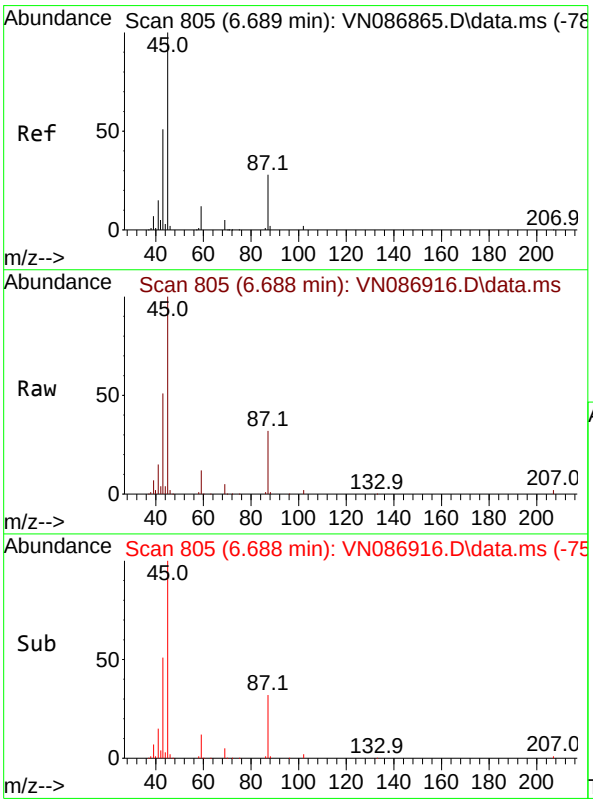
#21
trans-1,2-Dichloroethene
Concen: 17.934 ug/l
RT: 5.812 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 96 Resp: 55486

Ion	Ratio	Lower	Upper
96	100		
61	130.3	109.2	163.8
98	64.3	49.8	74.8

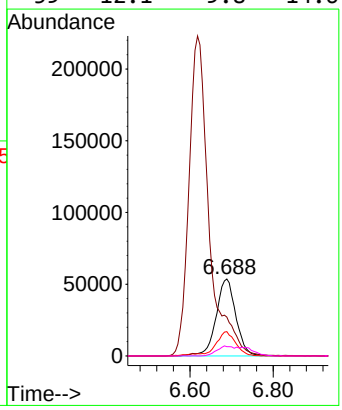


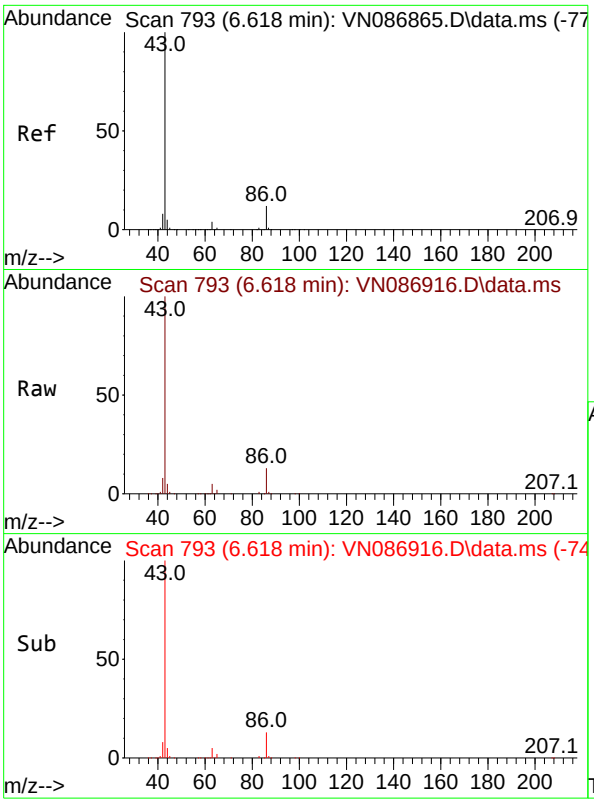


#22
Diisopropyl ether
Concen: 18.188 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 45 Resp: 176809

Ion	Ratio	Lower	Upper
45	100		
43	49.8	41.9	62.9
87	31.5	22.4	33.6
59	12.1	9.8	14.6



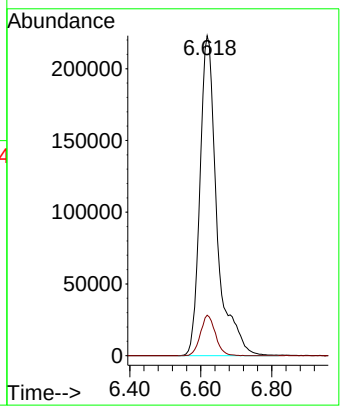


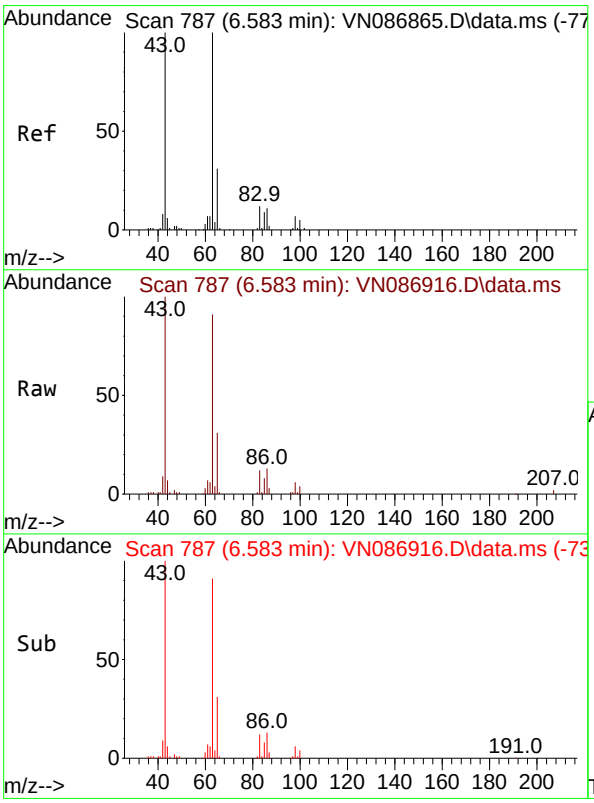
#23
Vinyl Acetate
Concen: 90.687 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 43 Resp: 744861

Ion	Ratio	Lower	Upper
43	100		
86	12.6	9.5	14.3

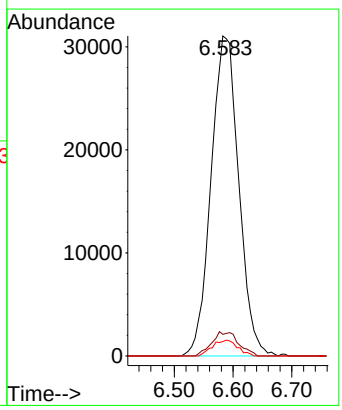


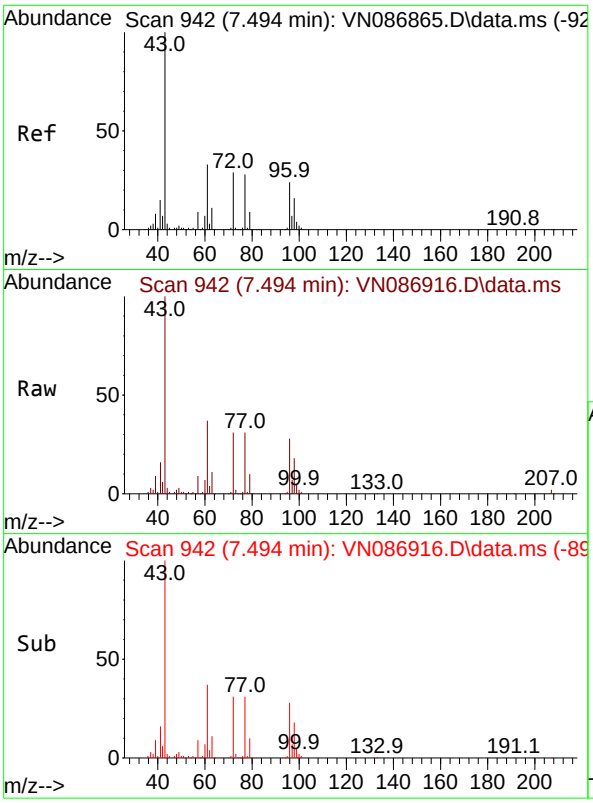


#24
1,1-Dichloroethane
Concen: 18.173 ug/l
RT: 6.583 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 63 Resp: 101669

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.6	10.8
100	4.5	2.6	7.8



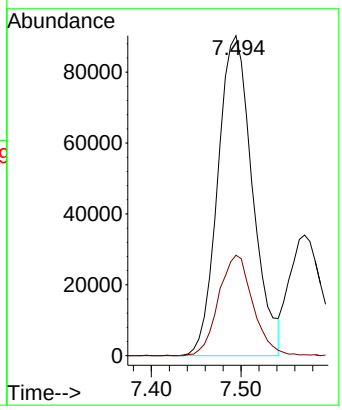


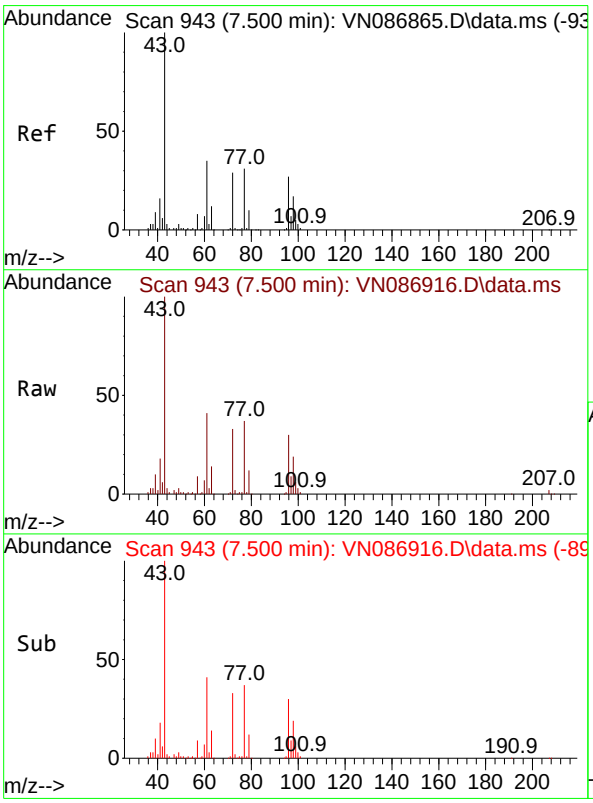
#25
2-Butanone
Concen: 83.991 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 43 Resp: 242187

Ion	Ratio	Lower	Upper
43	100		
72	31.4	23.0	34.6

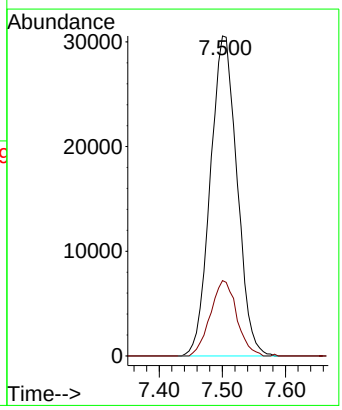


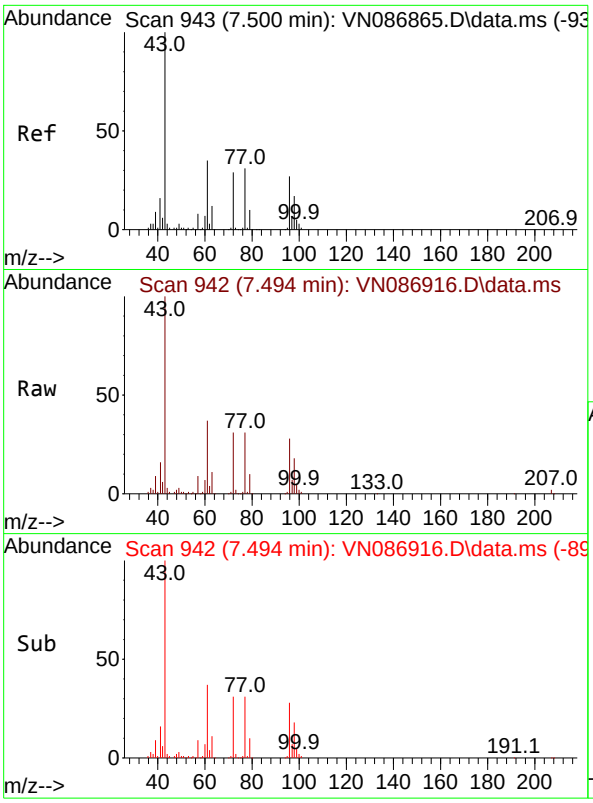


#26
2,2-Dichloropropane
Concen: 20.596 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 77 Resp: 89631

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.6	34.7



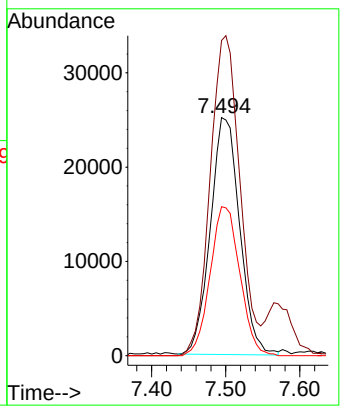


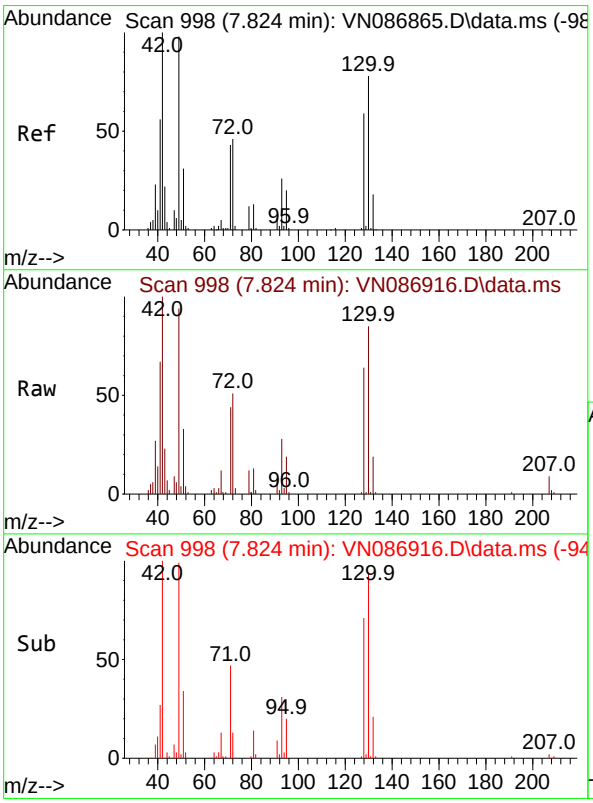
#27
cis-1,2-Dichloroethene
Concen: 18.691 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 96 Resp: 69159

Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	278.0
98	63.7	0.0	128.2

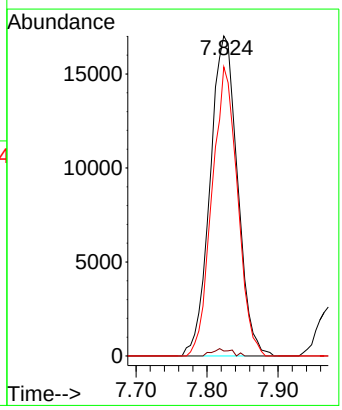


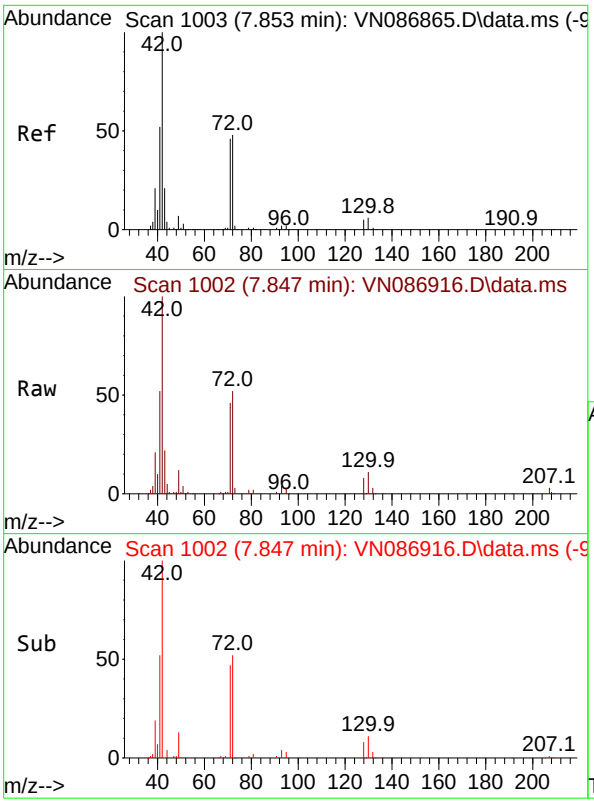


#28
Bromochloromethane
Concen: 16.632 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 49 Resp: 45748

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	83.6	62.2	93.2



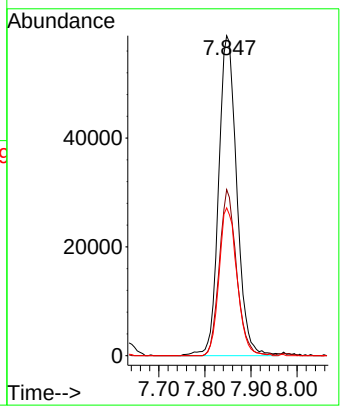


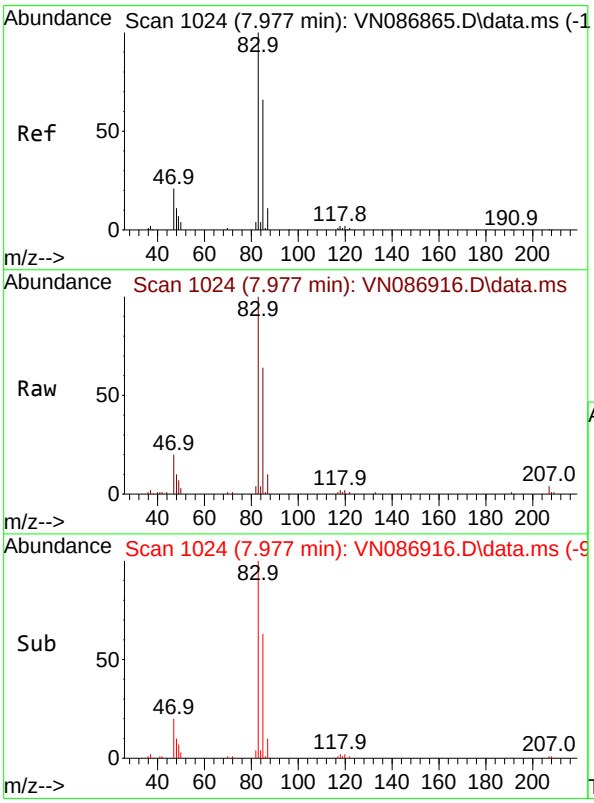
#29
Tetrahydrofuran
Concen: 85.494 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 42 Resp: 160591

Ion	Ratio	Lower	Upper
42	100		
72	49.5	37.8	56.6
71	45.7	35.6	53.4

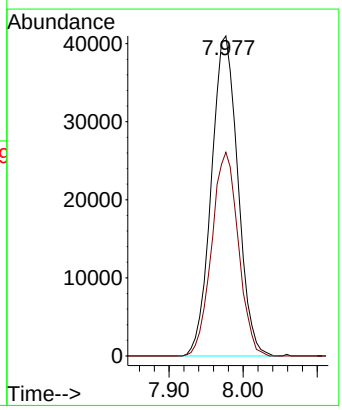


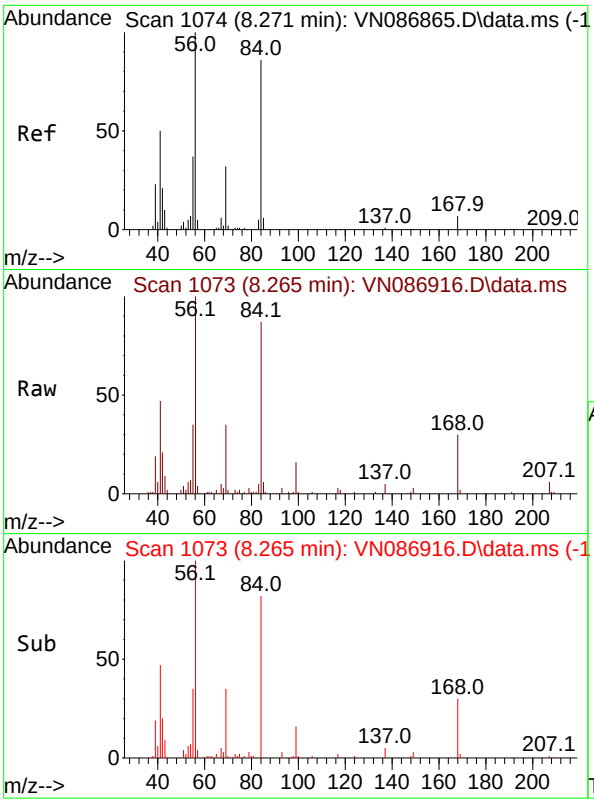


#30
Chloroform
Concen: 18.184 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 83 Resp: 101594

Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.9	79.3



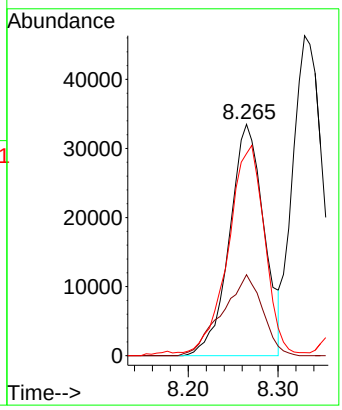


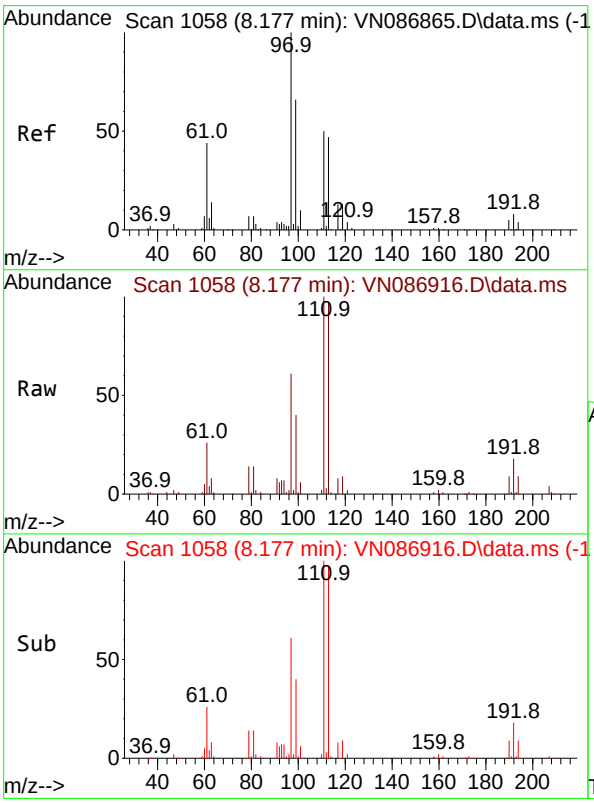
#31
Cyclohexane
Concen: 16.494 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 56 Resp: 89487

Ion	Ratio	Lower	Upper
56	100		
69	35.0	25.4	38.0
84	85.9	68.8	103.2

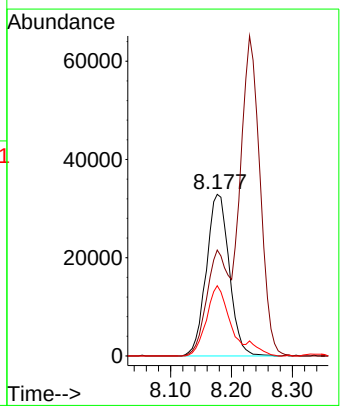


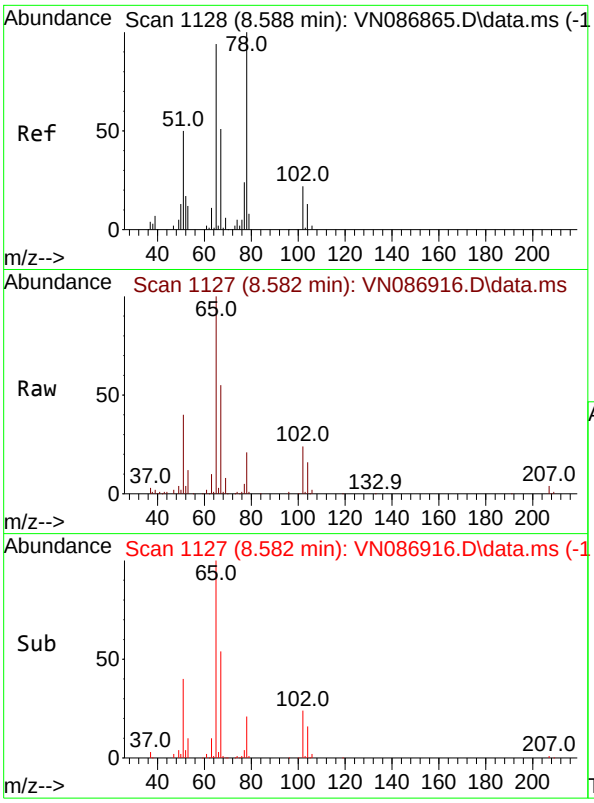


#32
1,1,1-Trichloroethane
Concen: 18.094 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 97 Resp: 85981

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.0	78.0
61	43.5	35.9	53.9



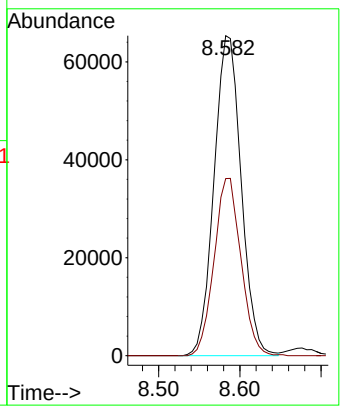


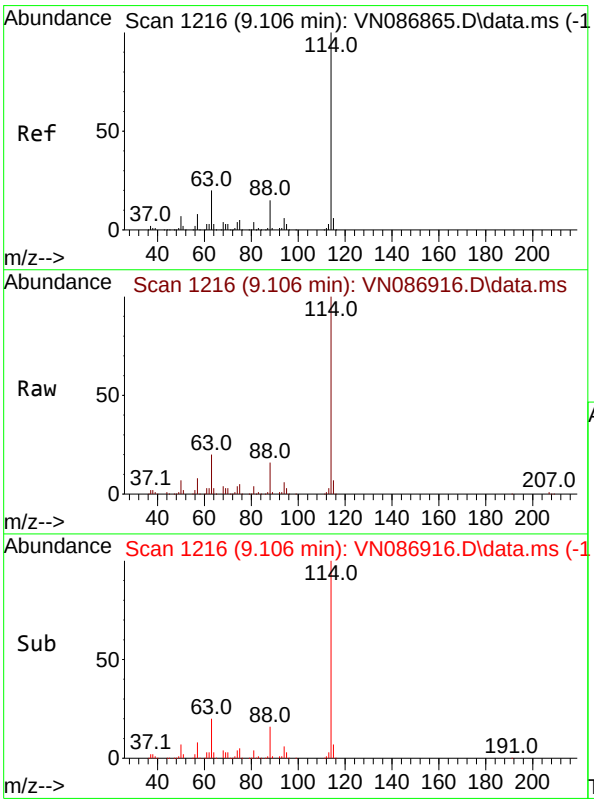
#33
1,2-Dichloroethane-d4
Concen: 45.381 ug/l
RT: 8.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 65 Resp: 151805

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	105.6

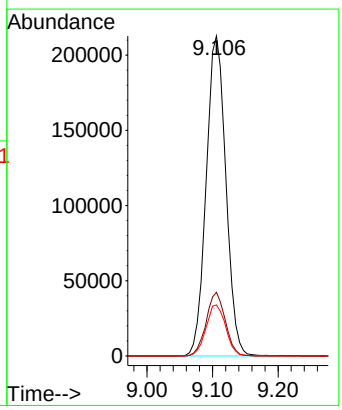


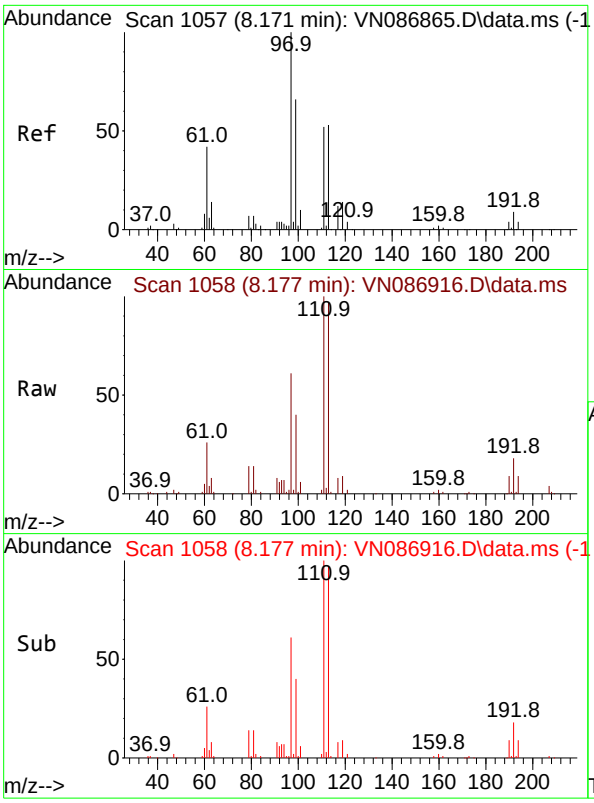


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:114 Resp: 443174

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.9	0.0	30.2



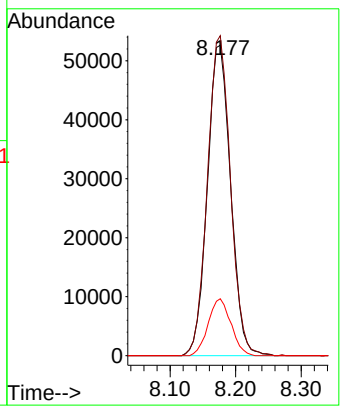


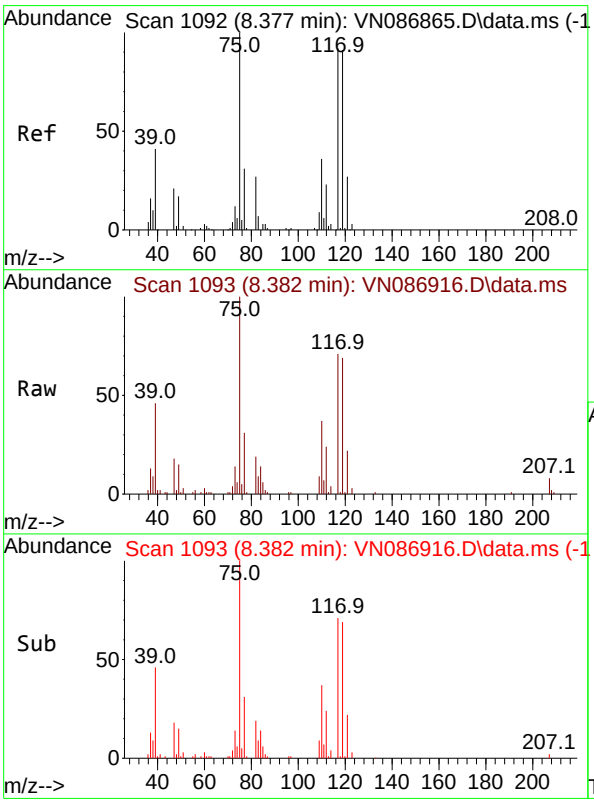
#35
Dibromofluoromethane
Concen: 49.474 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:113 Resp: 129937

Ion	Ratio	Lower	Upper
113	100		
111	102.0	84.2	126.2
192	17.9	14.2	21.4

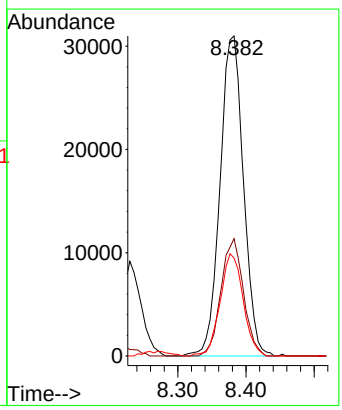


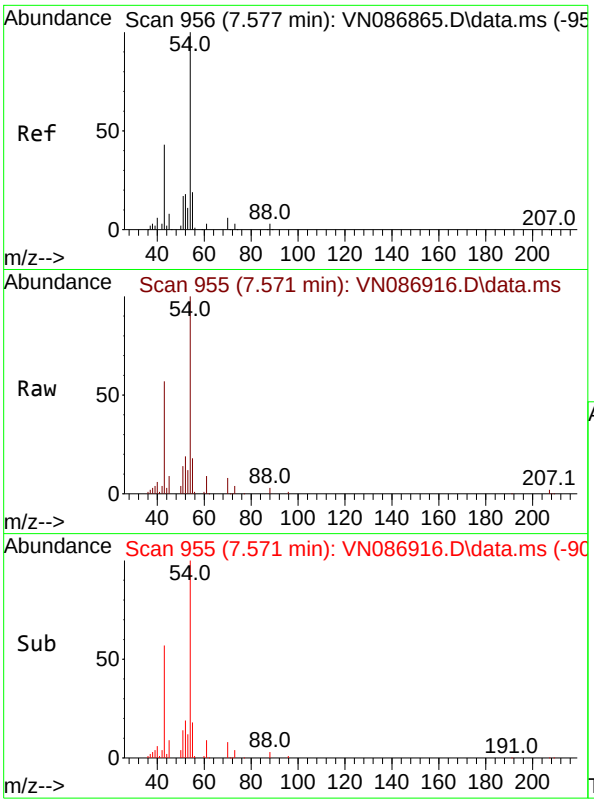


#36
1,1-Dichloropropene
Concen: 18.942 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 75 Resp: 74129

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.6	52.9
77	31.3	25.3	37.9



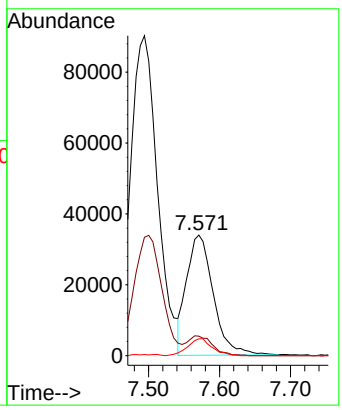


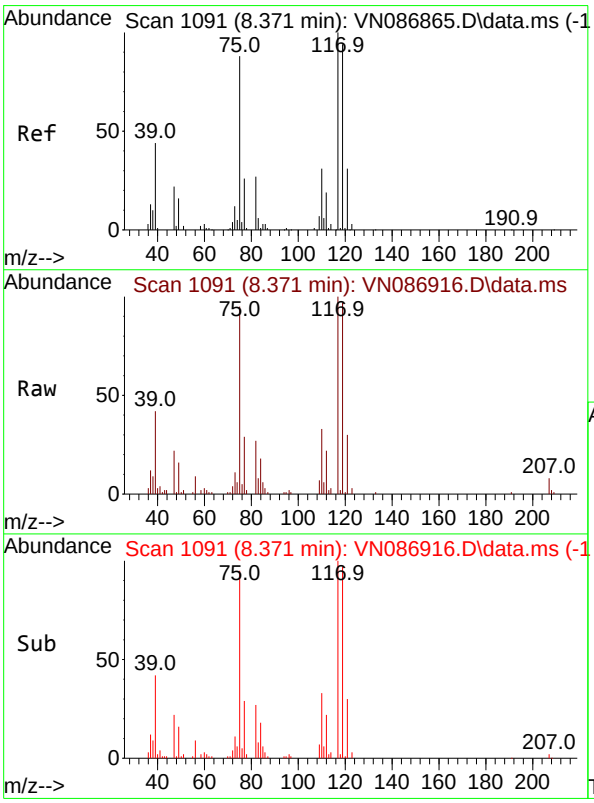
#37
Ethyl Acetate
Concen: 17.812 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 43 Resp: 88740

Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.1	18.1
70	12.8	9.8	14.6

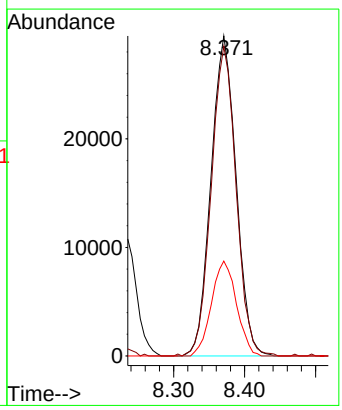


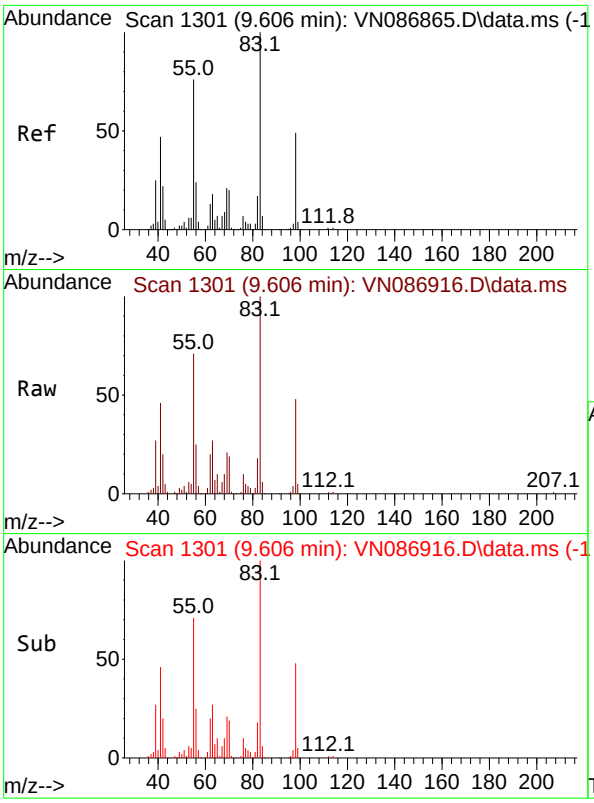


#38
Carbon Tetrachloride
Concen: 18.777 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:117 Resp: 72144

Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.0	112.6
121	29.7	24.9	37.3



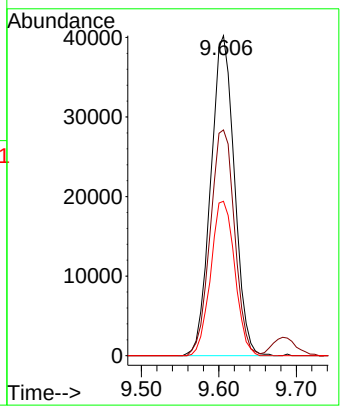


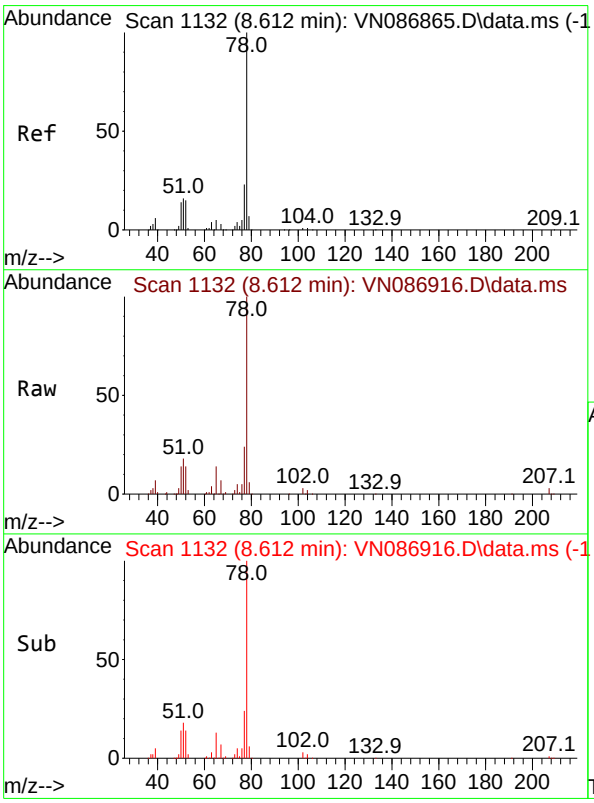
#39
Methylcyclohexane
Concen: 15.942 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 83 Resp: 85476

Ion	Ratio	Lower	Upper
83	100		
55	70.6	61.0	91.6
98	48.3	38.9	58.3

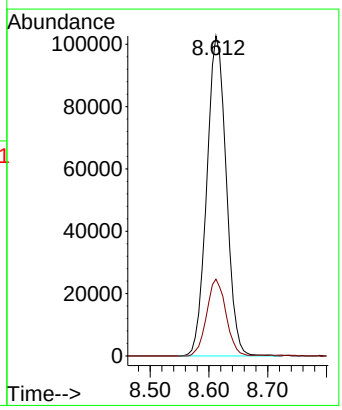


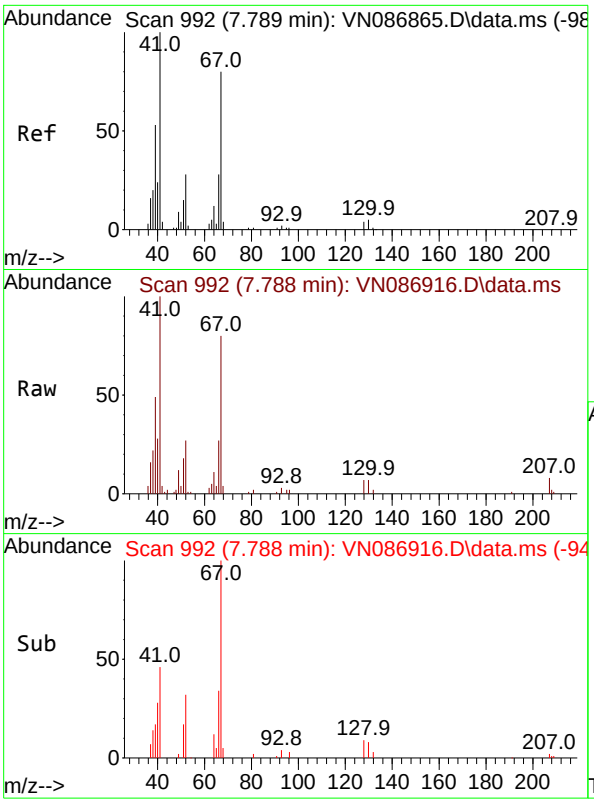


#40
Benzene
Concen: 18.458 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 78 Resp: 236213

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1



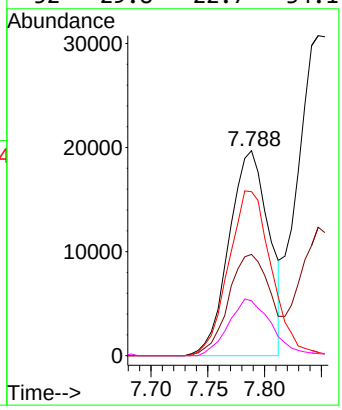


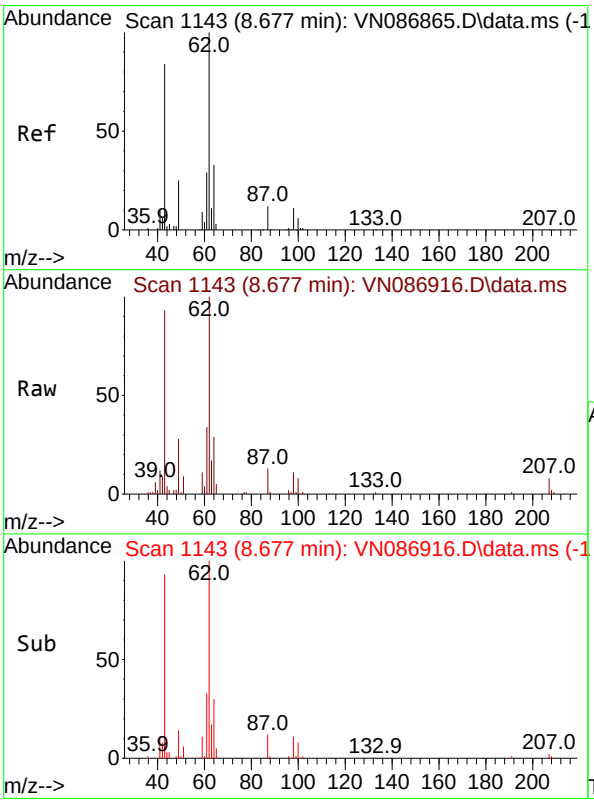
#41
Methacrylonitrile
Concen: 17.200 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 41 Resp: 48124

Ion	Ratio	Lower	Upper
41	100		
39	53.7	41.2	61.8
67	86.4	61.4	92.2
52	29.8	22.7	34.1

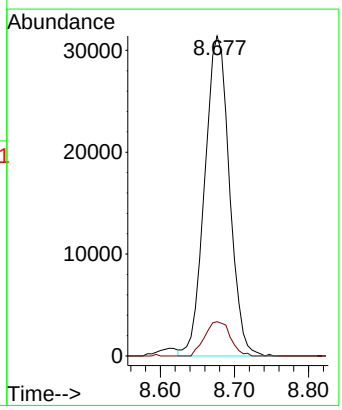


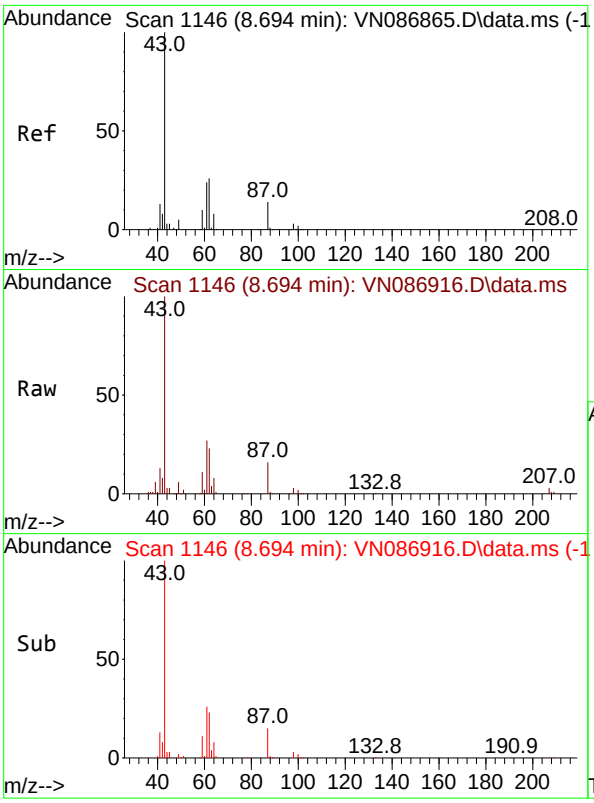


#42
1,2-Dichloroethane
Concen: 18.727 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 62 Resp: 72690

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.2



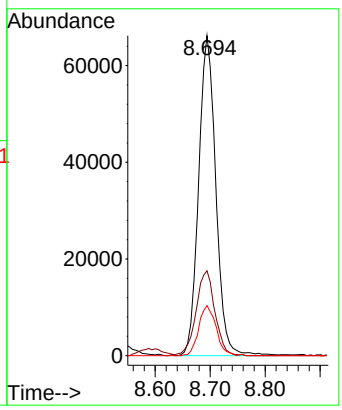


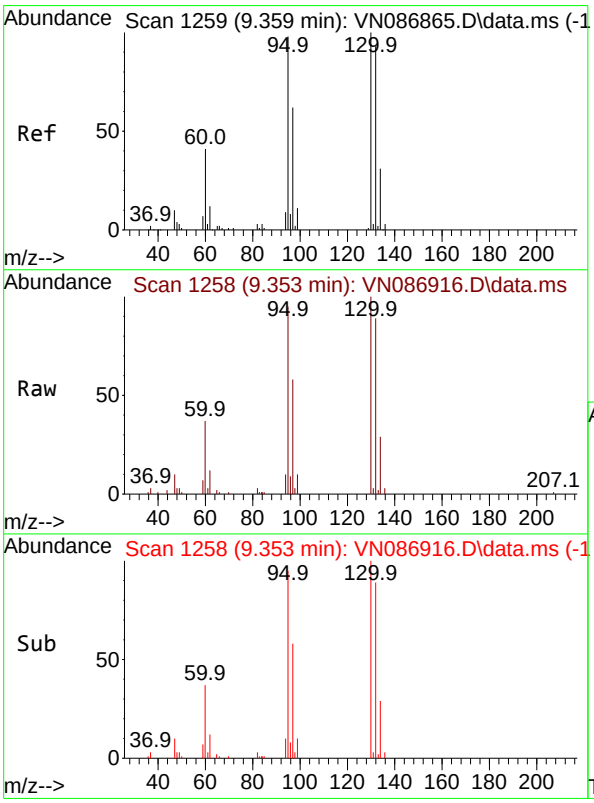
#43
Isopropyl Acetate
Concen: 18.014 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 43 Resp: 144037

Ion	Ratio	Lower	Upper
43	100		
61	29.0	22.1	33.1
87	15.9	11.8	17.6

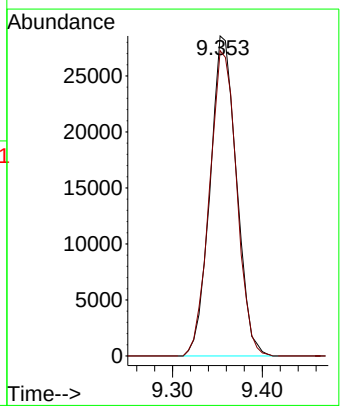


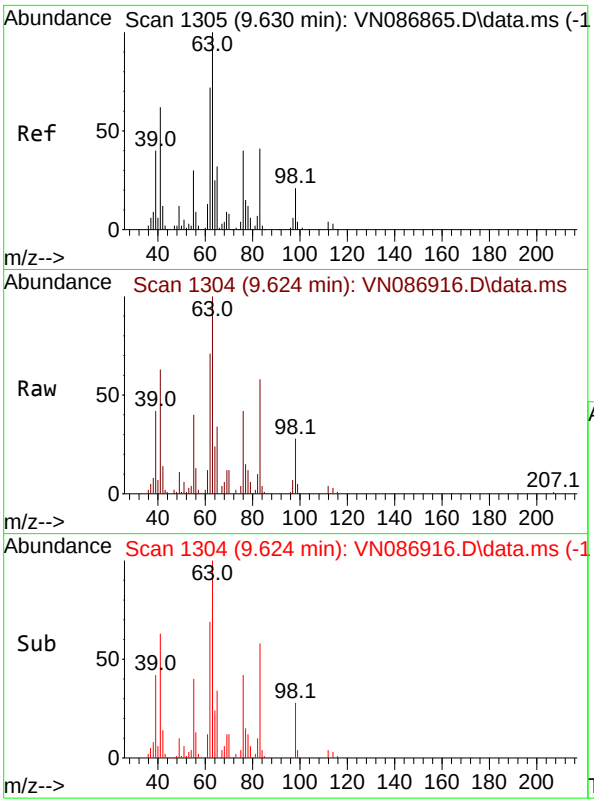


#44
Trichloroethene
Concen: 19.262 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:130 Resp: 58449

Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	196.2



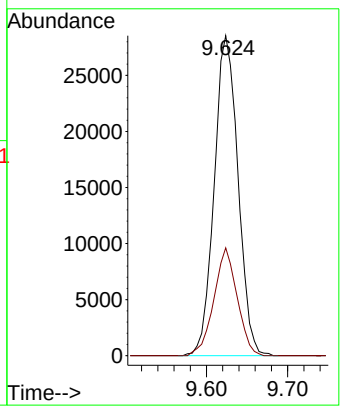


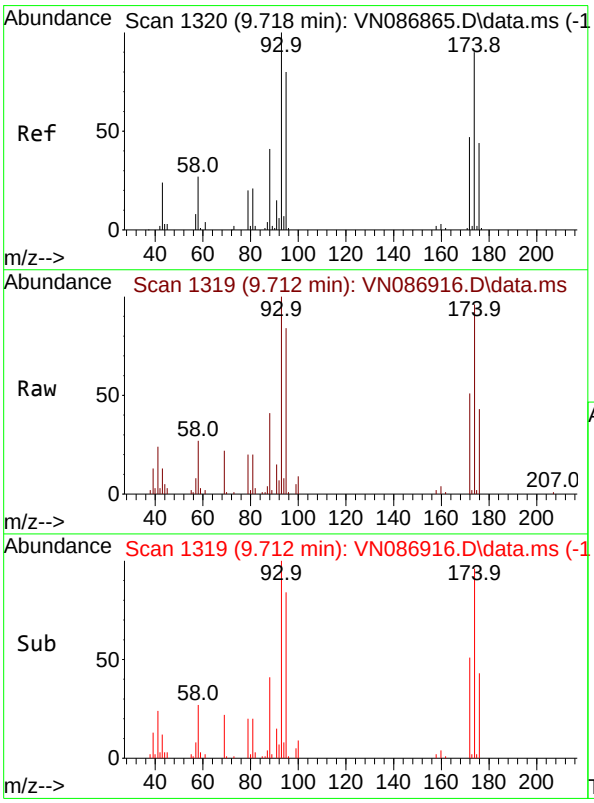
#45
1,2-Dichloropropane
Concen: 18.644 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 63 Resp: 58046

Ion	Ratio	Lower	Upper
63	100		
65	33.7	25.5	38.3

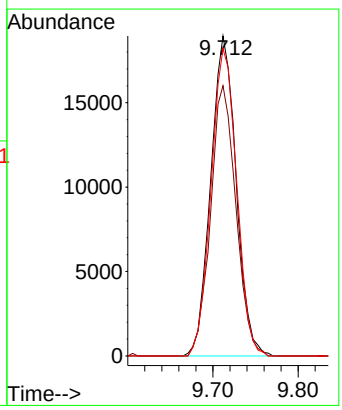


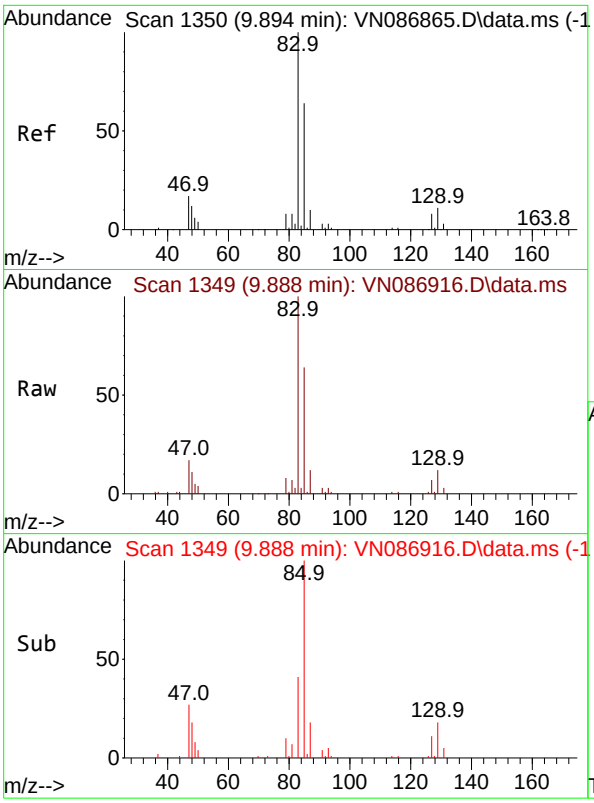


#46
Dibromomethane
Concen: 18.970 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 93 Resp: 39229

Ion	Ratio	Lower	Upper
93	100		
95	84.5	67.1	100.7
174	96.7	74.2	111.4



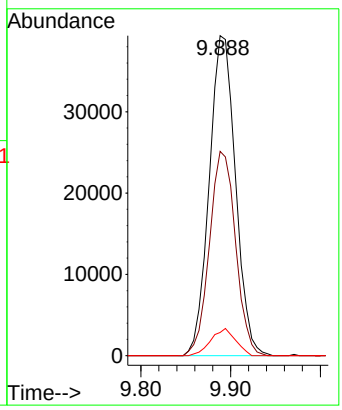


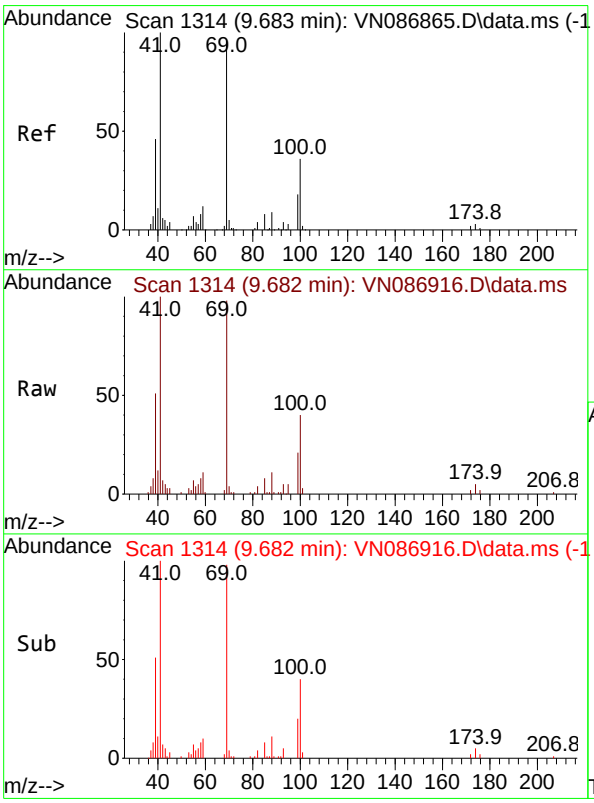
#47
Bromodichloromethane
Concen: 18.810 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 83 Resp: 80034

Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.9	76.3
127	7.2	6.6	10.0

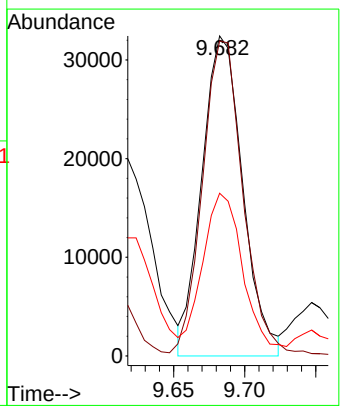


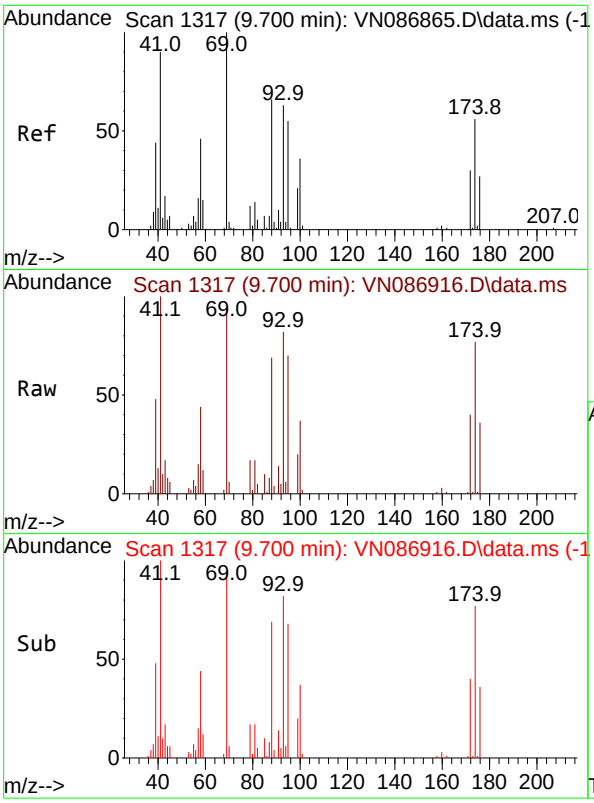


#48
Methyl methacrylate
Concen: 17.567 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 41 Resp: 64650

Ion	Ratio	Lower	Upper
41	100		
69	98.8	74.6	112.0
39	51.7	40.2	60.4



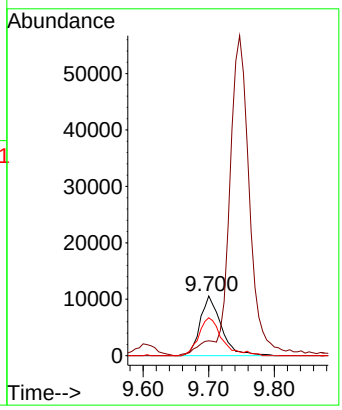


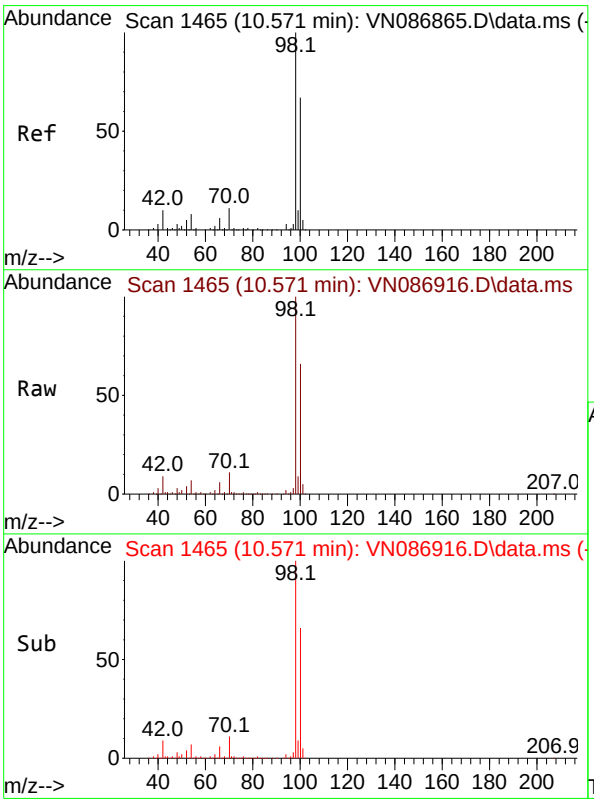
#49
1,4-Dioxane
Concen: 353.325 ug/l
RT: 9.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 88 Resp: 23656

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.2	57.7	86.5

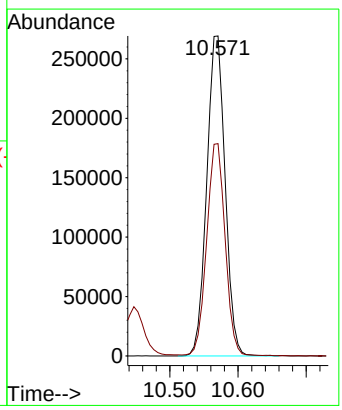


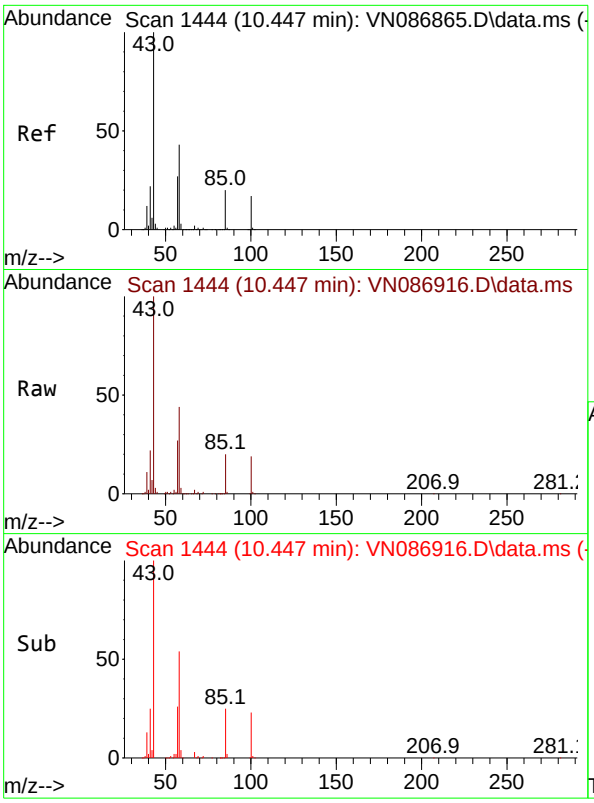


#50
Toluene-d8
Concen: 48.620 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 98 Resp: 505508

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.0



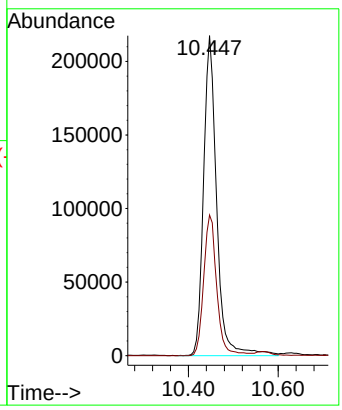


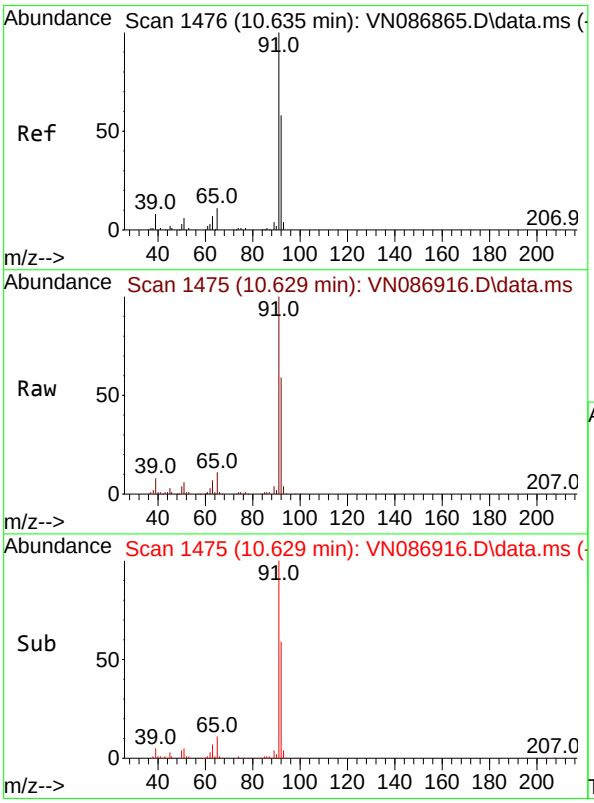
#51
4-Methyl-2-Pentanone
Concen: 91.469 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 43 Resp: 440301

Ion	Ratio	Lower	Upper
43	100		
58	43.8	34.2	51.4

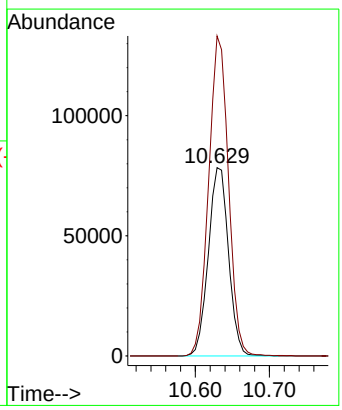


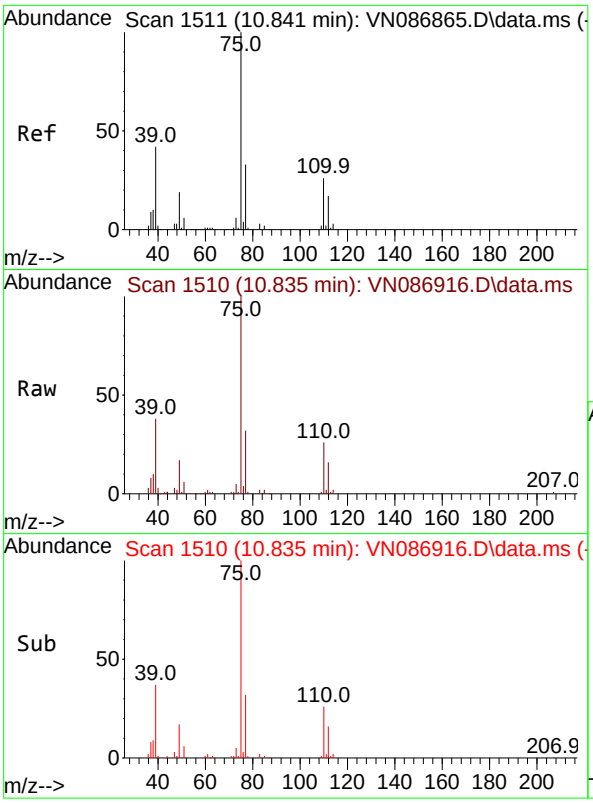


#52
Toluene
Concen: 18.967 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 92 Resp: 148340

Ion	Ratio	Lower	Upper
92	100		
91	166.8	136.5	204.7



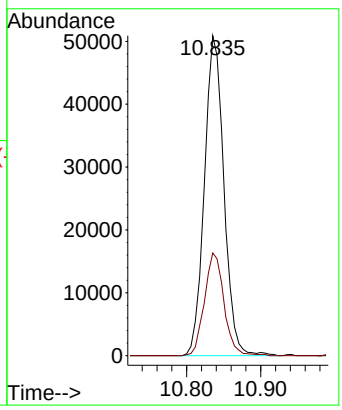


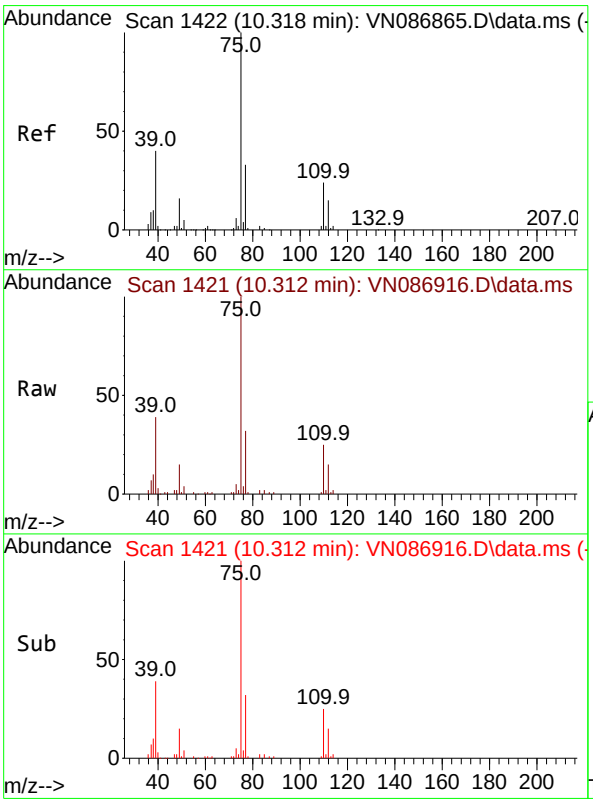
#53
t-1,3-Dichloropropene
Concen: 19.555 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 75 Resp: 93038

Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.4	39.6

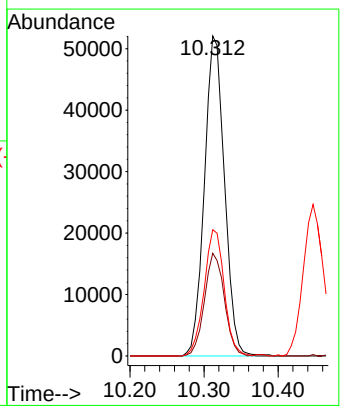


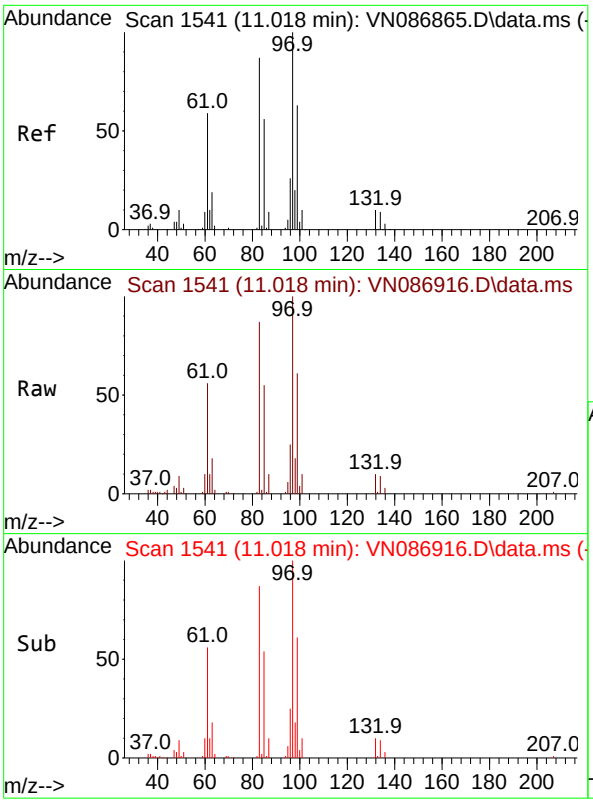


#54
cis-1,3-Dichloropropene
Concen: 19.264 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 75 Resp: 98066

Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.2	39.4
39	39.4	32.3	48.5



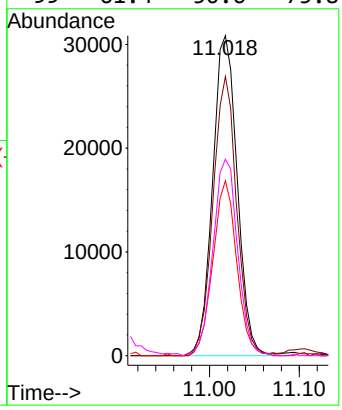


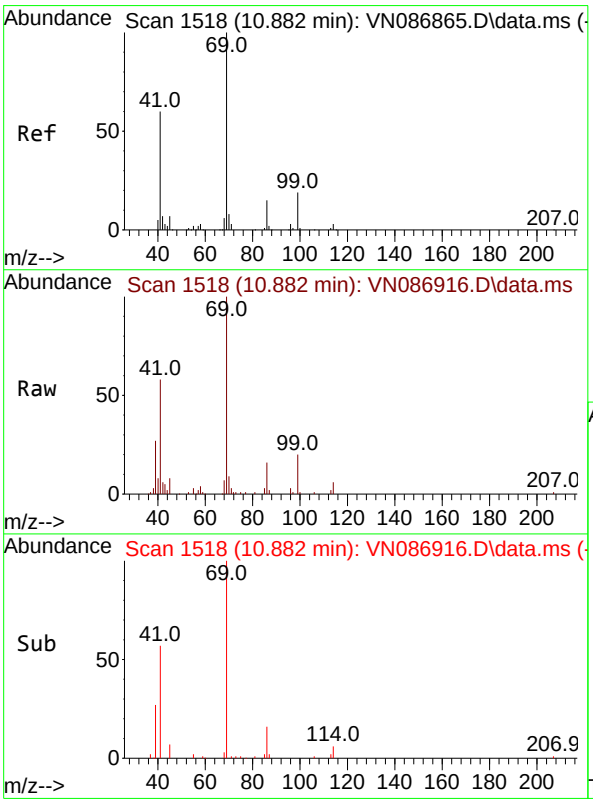
#55
1,1,2-Trichloroethane
Concen: 19.483 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 97 Resp: 58629

Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.7	104.5
85	54.6	45.1	67.7
99	61.4	50.6	75.8

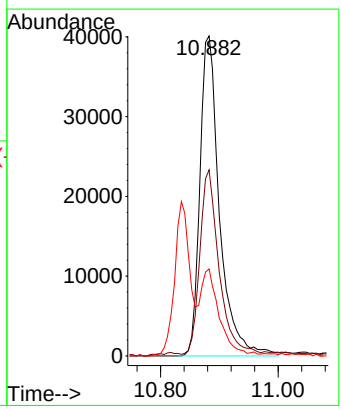


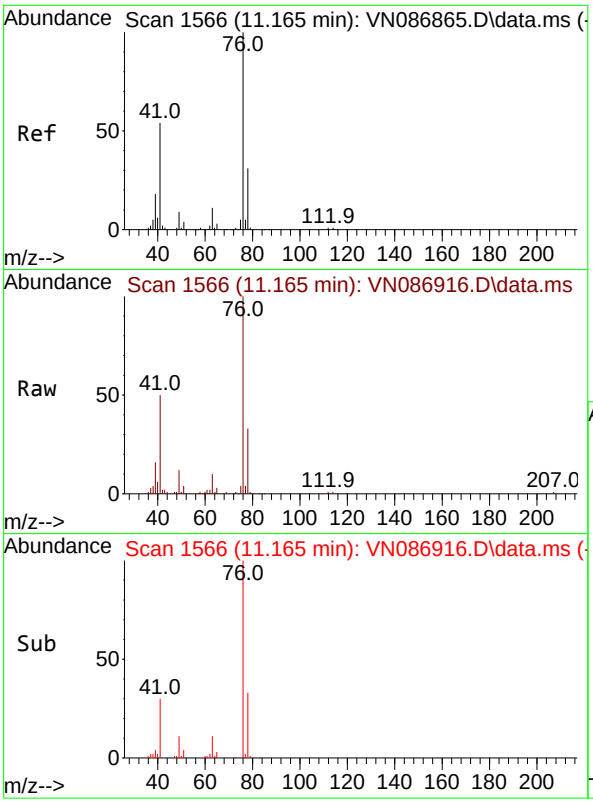


#56
Ethyl methacrylate
Concen: 19.460 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 69 Resp: 93272

Ion	Ratio	Lower	Upper
69	100		
41	56.3	47.2	70.8
39	25.5	23.0	34.6



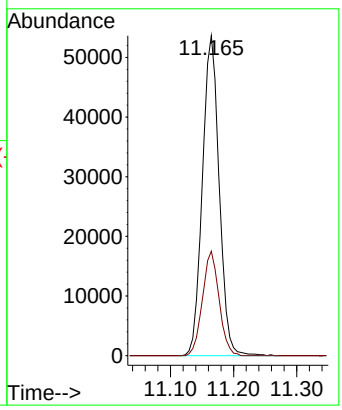


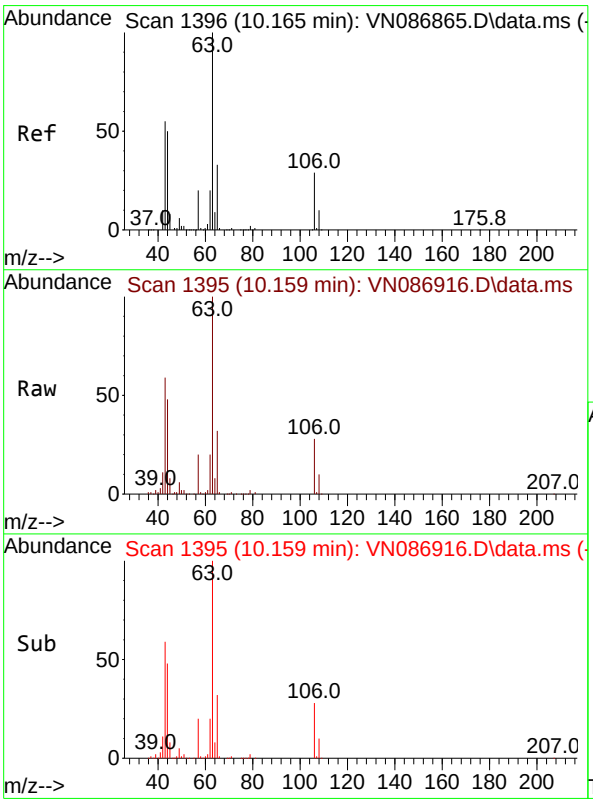
#57
1,3-Dichloropropane
Concen: 18.990 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 76 Resp: 99132

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.3	37.9

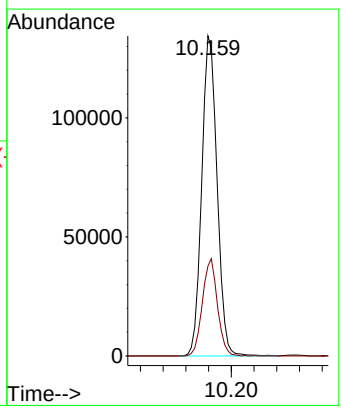


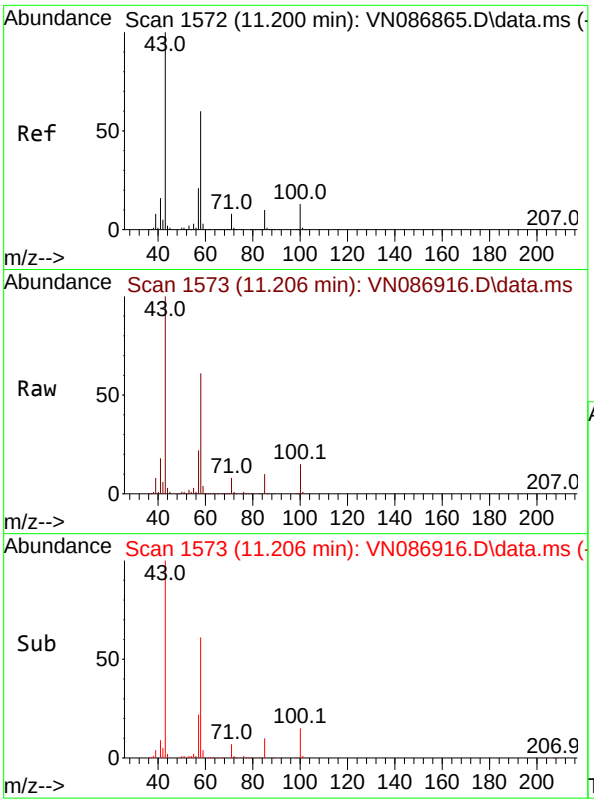


#58
2-Chloroethyl Vinyl ether
Concen: 87.967 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 63 Resp: 251485

Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.0	34.6



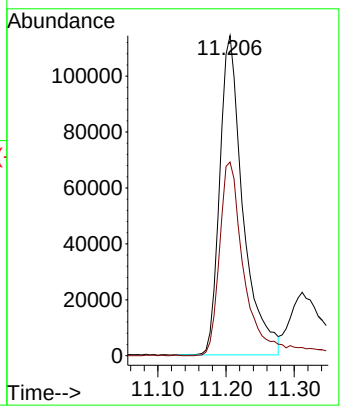


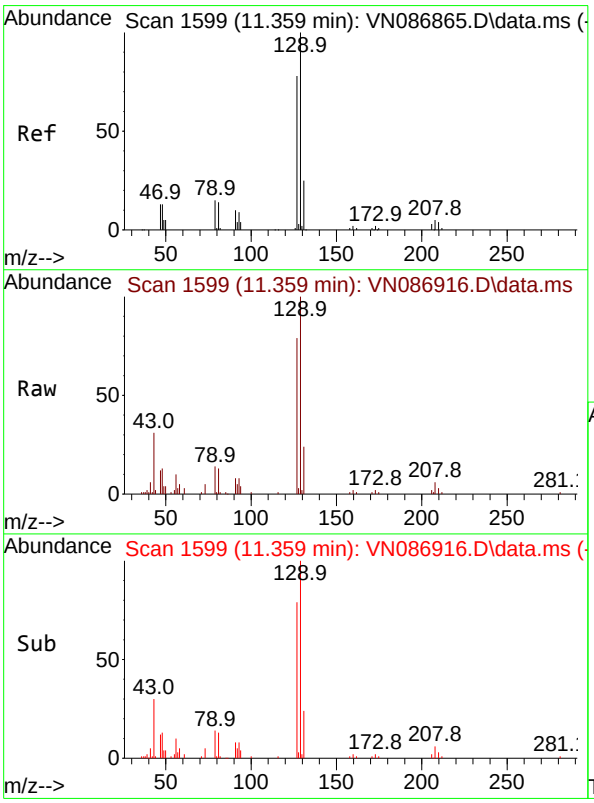
#59
2-Hexanone
Concen: 87.405 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 43 Resp: 271013

Ion	Ratio	Lower	Upper
43	100		
58	67.8	30.4	91.3

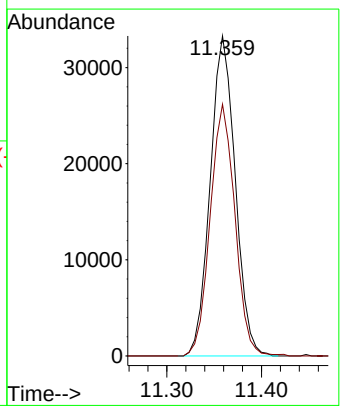


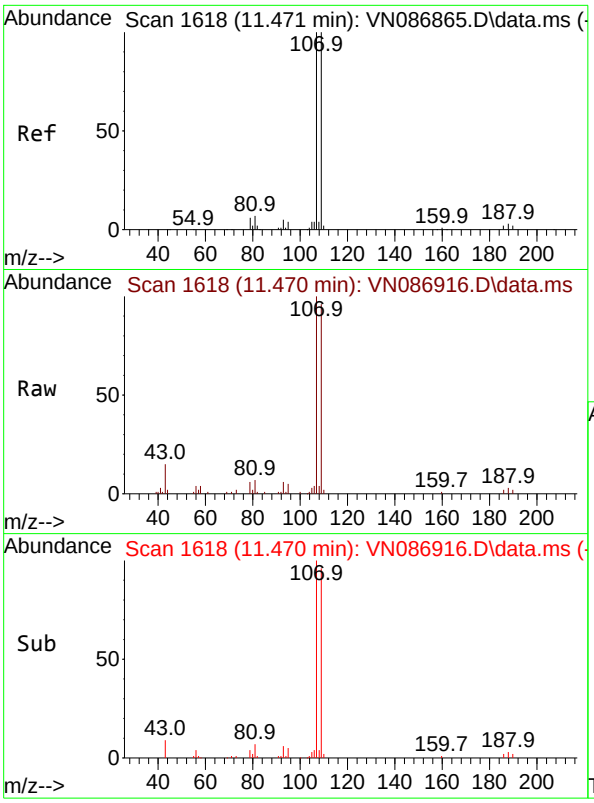


#60
Dibromochloromethane
Concen: 19.481 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:129 Resp: 61081

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.6	115.8



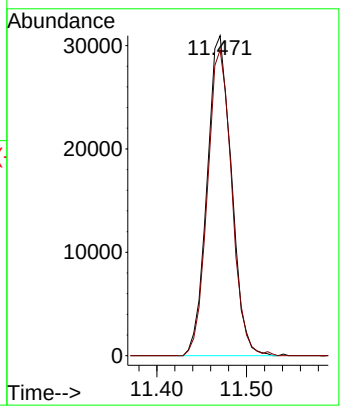


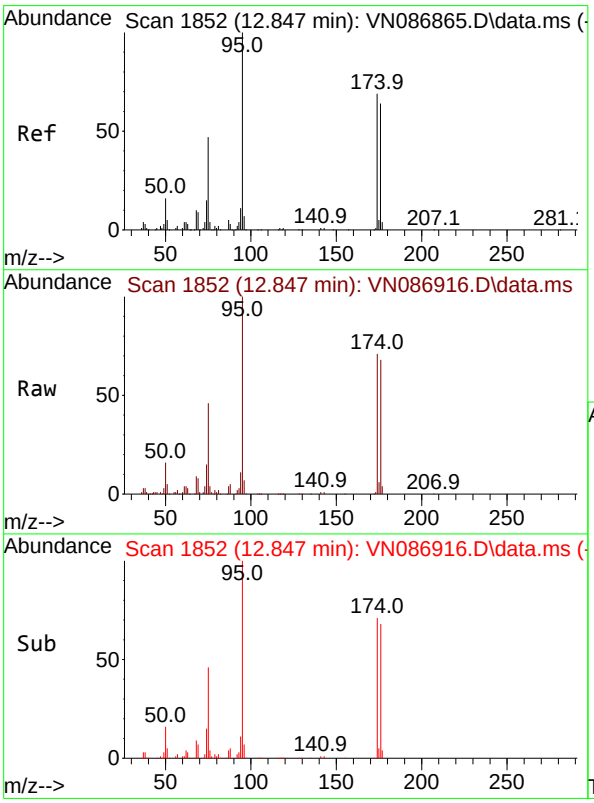
#61
1,2-Dibromoethane
Concen: 18.916 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:107 Resp: 58347

Ion	Ratio	Lower	Upper
107	100		
109	95.3	76.3	114.5

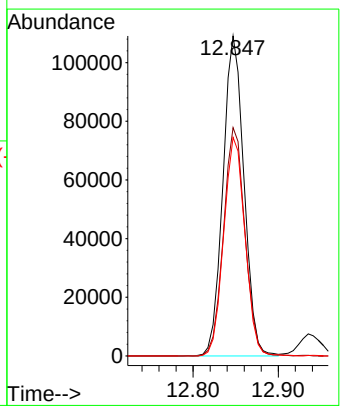


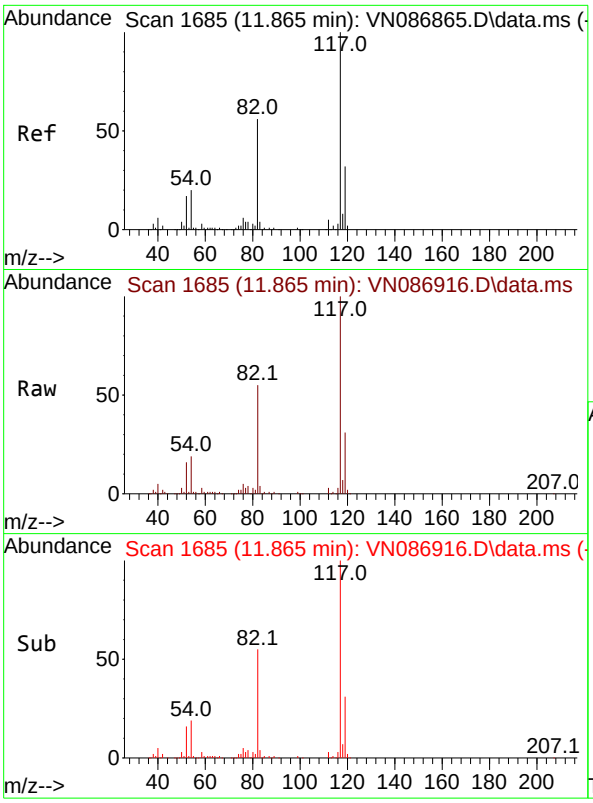


#62
4-Bromofluorobenzene
Concen: 48.327 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 95 Resp: 186676

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	141.8
176	69.2	0.0	132.6



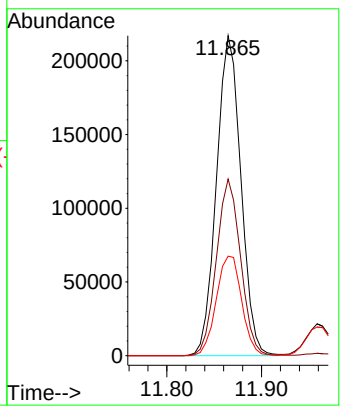


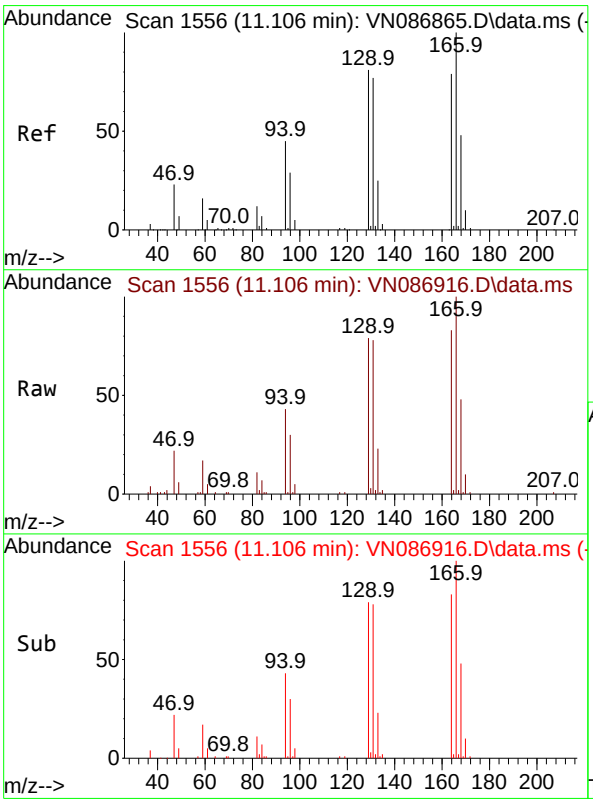
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:117 Resp: 389297

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	67.0
119	31.1	25.5	38.3

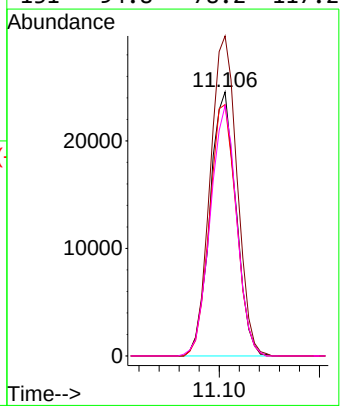


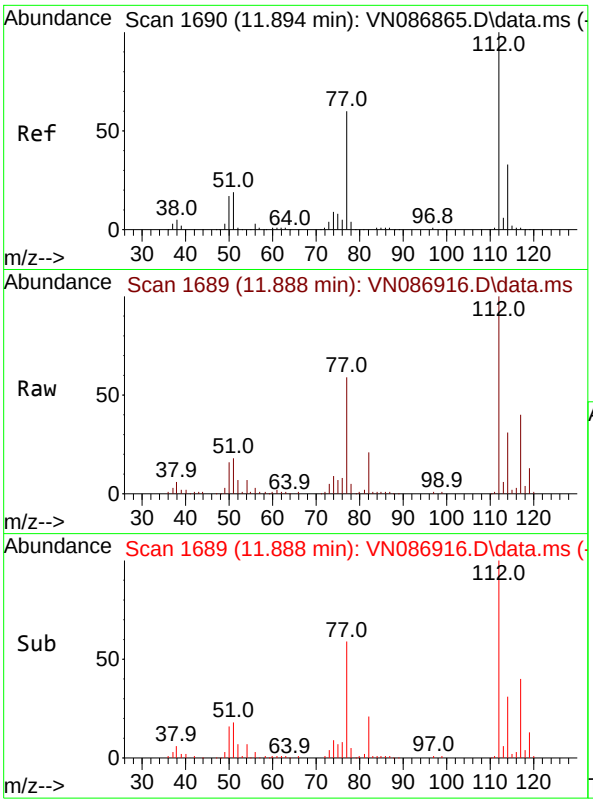


#64
Tetrachloroethene
Concen: 17.920 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:164 Resp: 44151

Ion	Ratio	Lower	Upper
164	100		
166	121.2	101.8	152.8
129	95.2	83.0	124.4
131	94.8	78.2	117.2



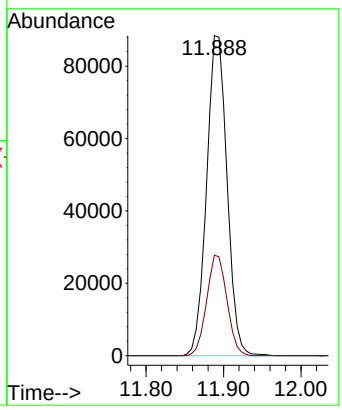


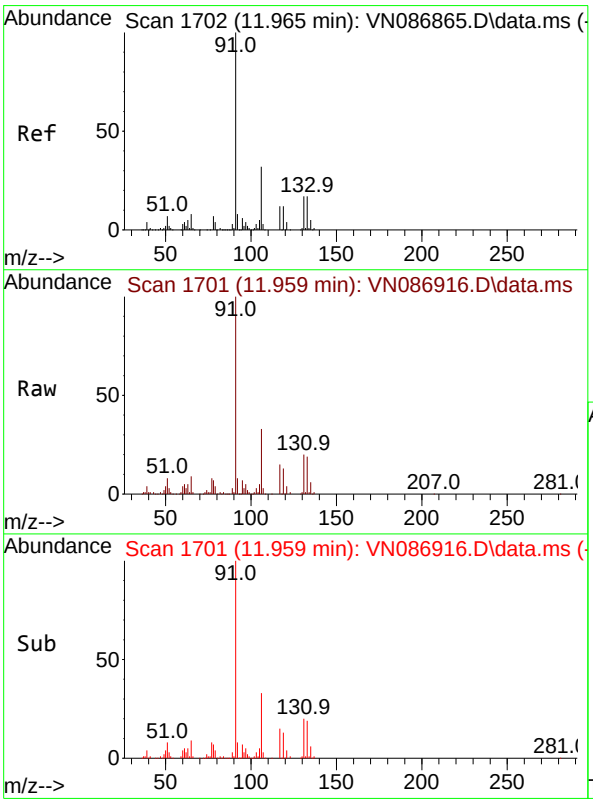
#65
Chlorobenzene
Concen: 18.874 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:112 Resp: 162051

Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.2	39.2

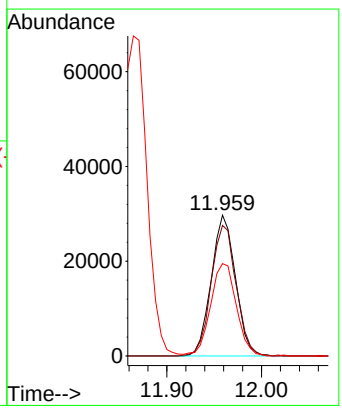


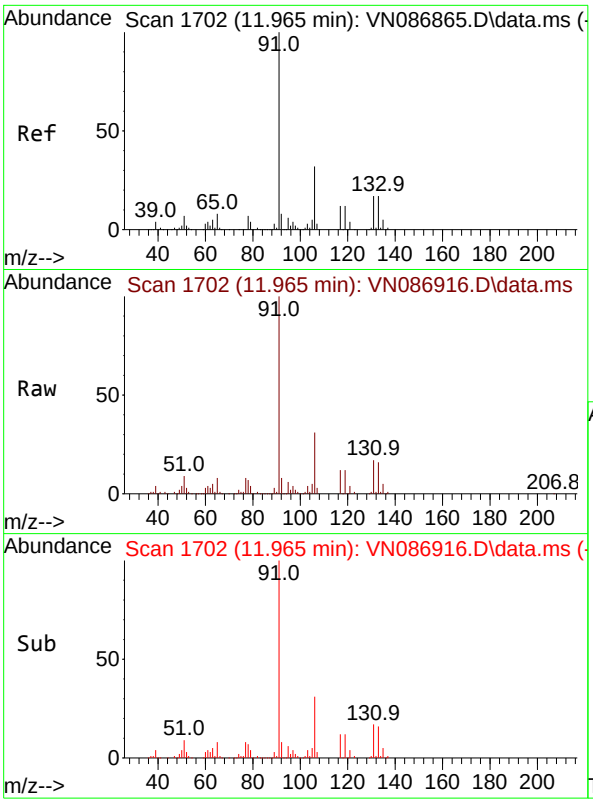


#66
1,1,1,2-Tetrachloroethane
Concen: 19.118 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:131 Resp: 52766

Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.3	144.8
119	69.7	34.0	101.8



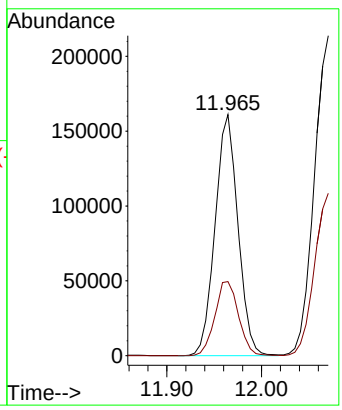


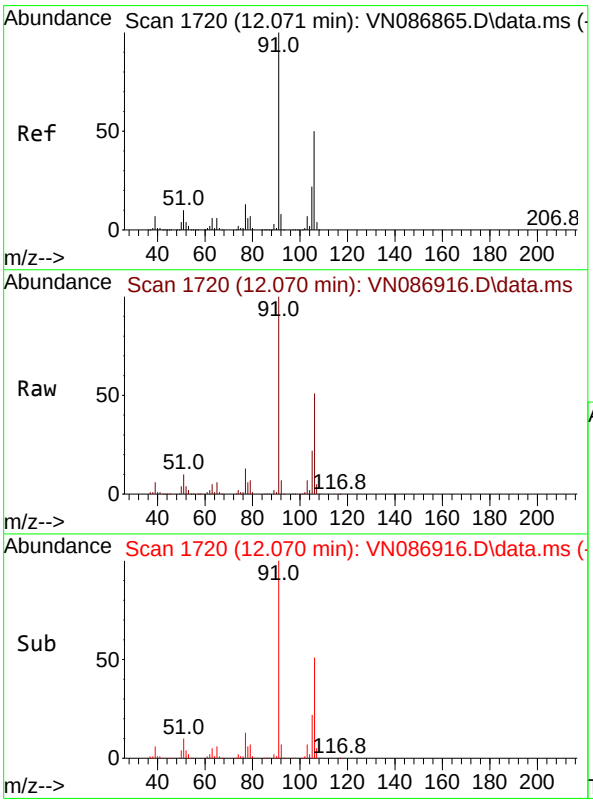
#67
Ethyl Benzene
Concen: 18.284 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 91 Resp: 270410

Ion	Ratio	Lower	Upper
91	100		
106	30.7	25.4	38.2

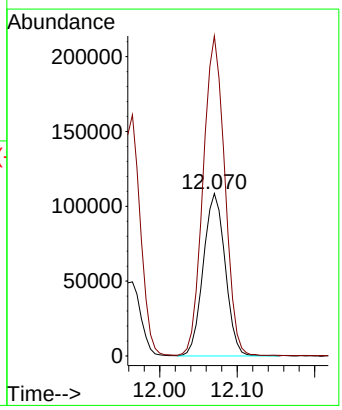


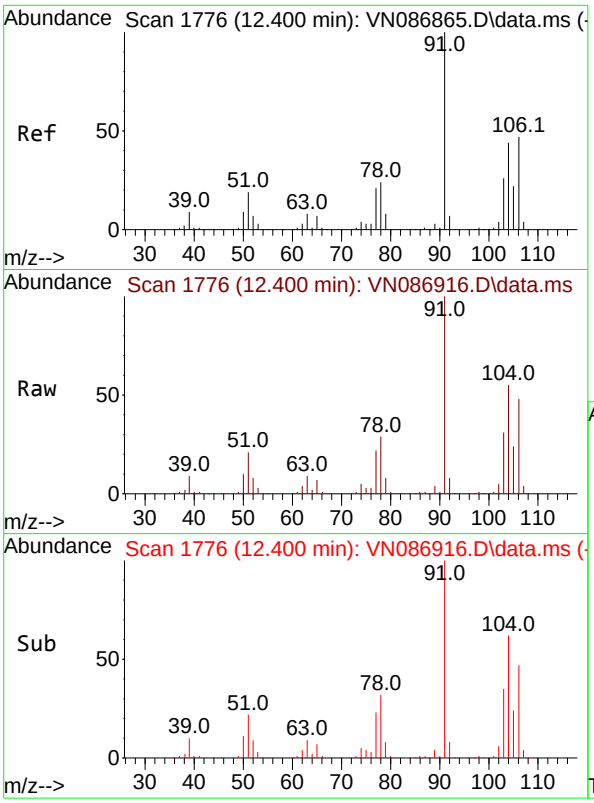


#68
m/p-Xylenes
Concen: 37.696 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:106 Resp: 213409

Ion	Ratio	Lower	Upper
106	100		
91	193.9	159.4	239.0



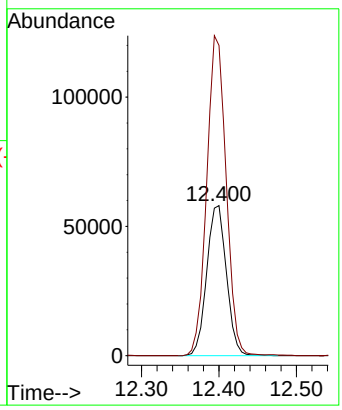


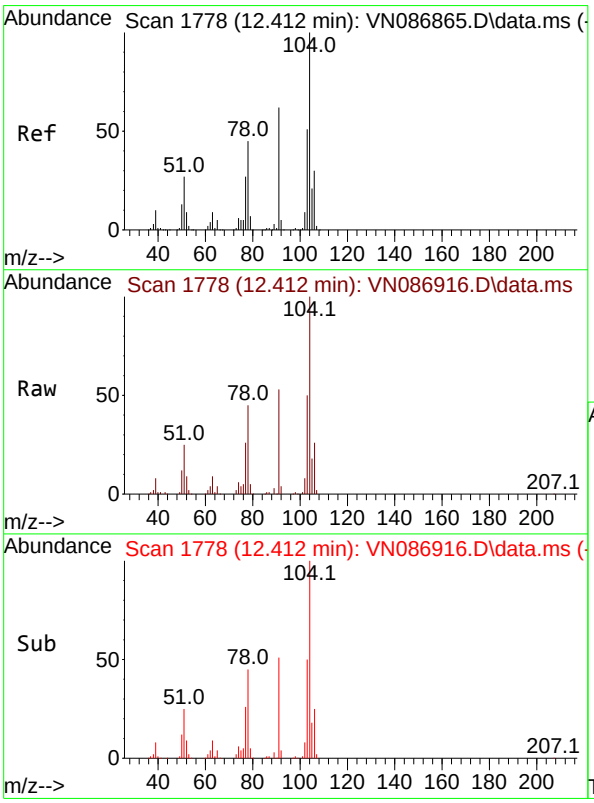
#69
o-Xylene
Concen: 18.922 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:106 Resp: 102597

Ion	Ratio	Lower	Upper
106	100		
91	209.7	106.1	318.1

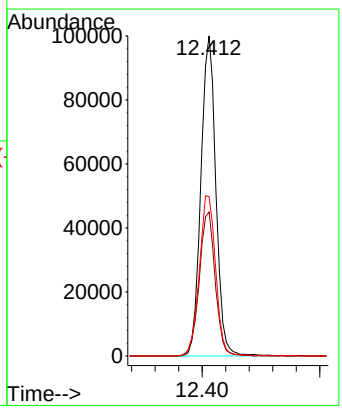


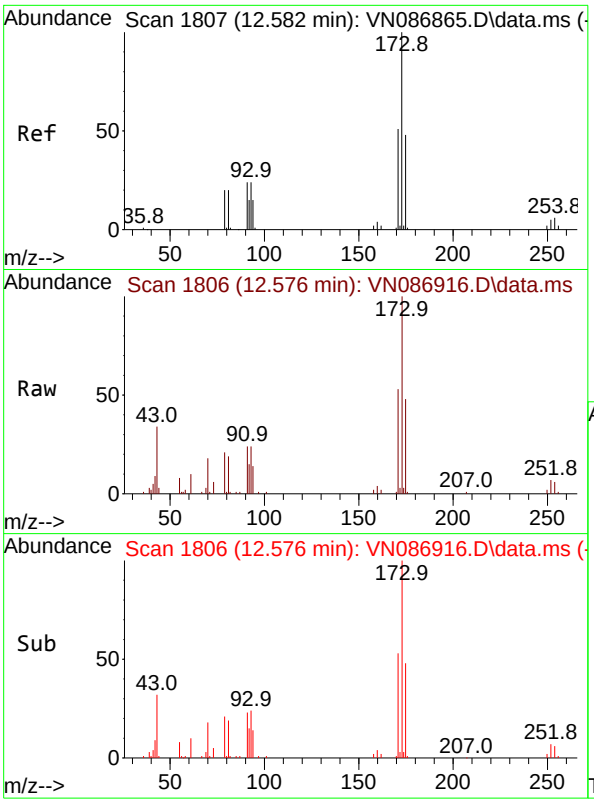


#70
Styrene
Concen: 19.008 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:104 Resp: 176358

Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.5	57.7
103	54.6	43.1	64.7



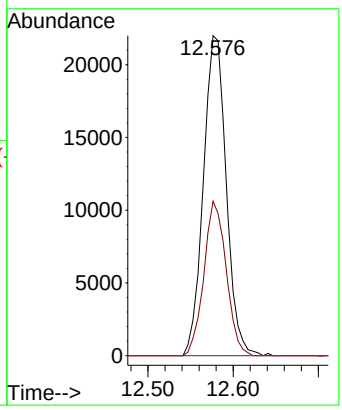


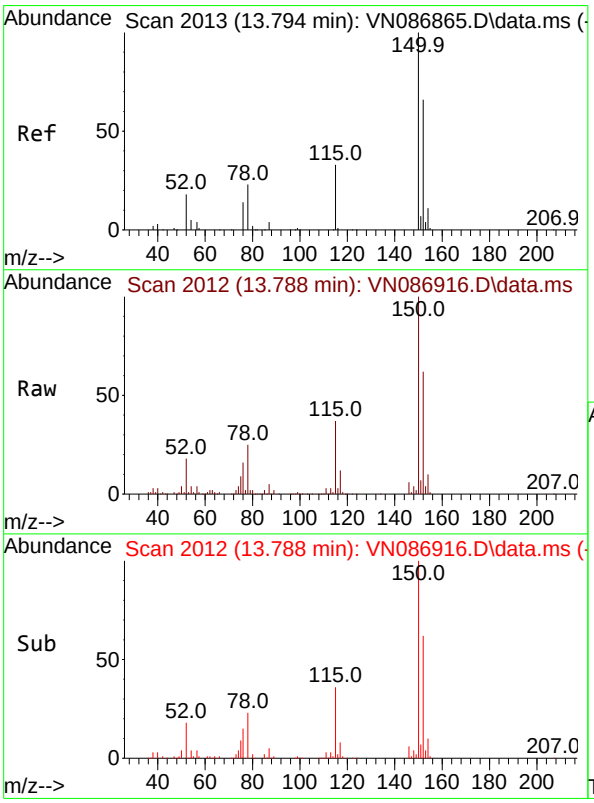
#71
Bromoform
Concen: 20.077 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:173 Resp: 41058

Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.1	72.4
254	0.0	0.0	0.0

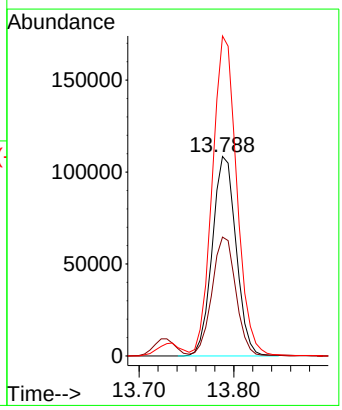


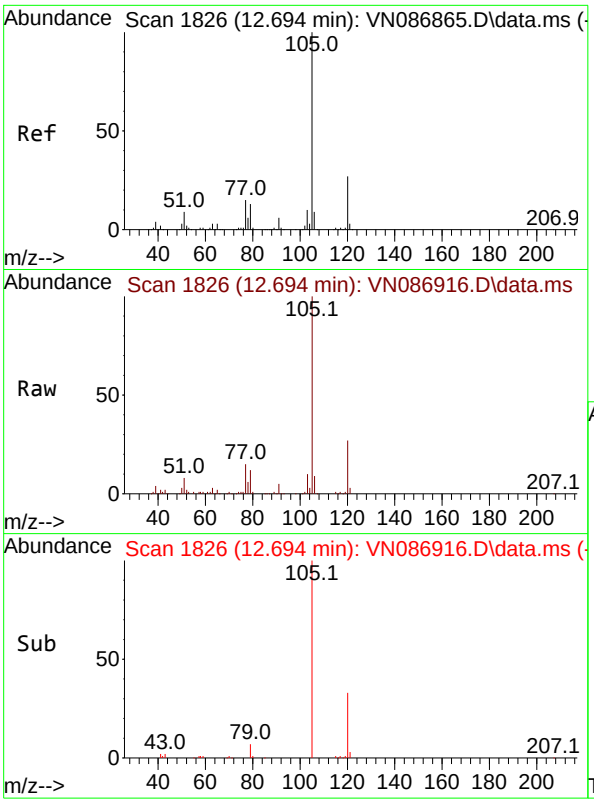


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:152 Resp: 189620

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.1	90.5
150	164.9	0.0	345.0



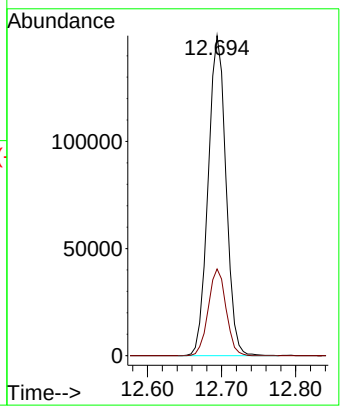


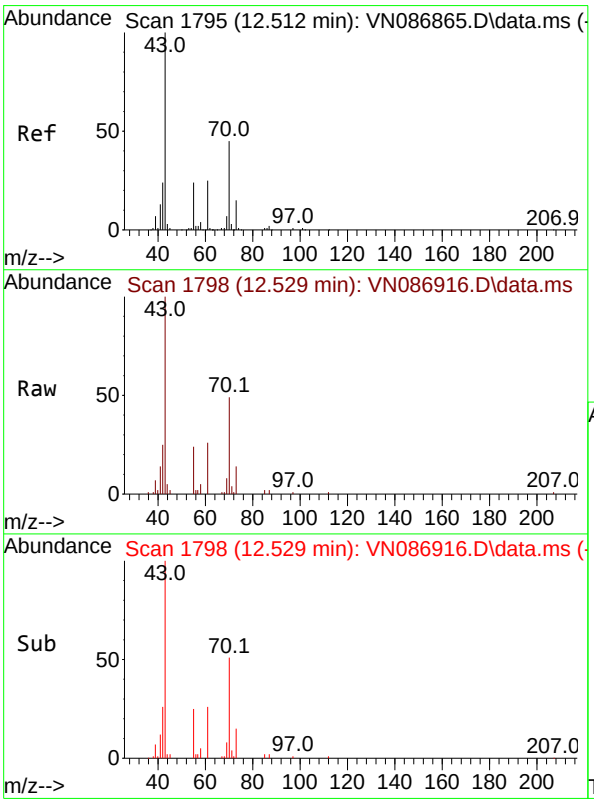
#73
Isopropylbenzene
Concen: 18.055 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:105 Resp: 249411

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4

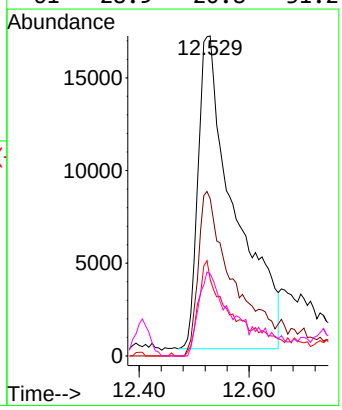


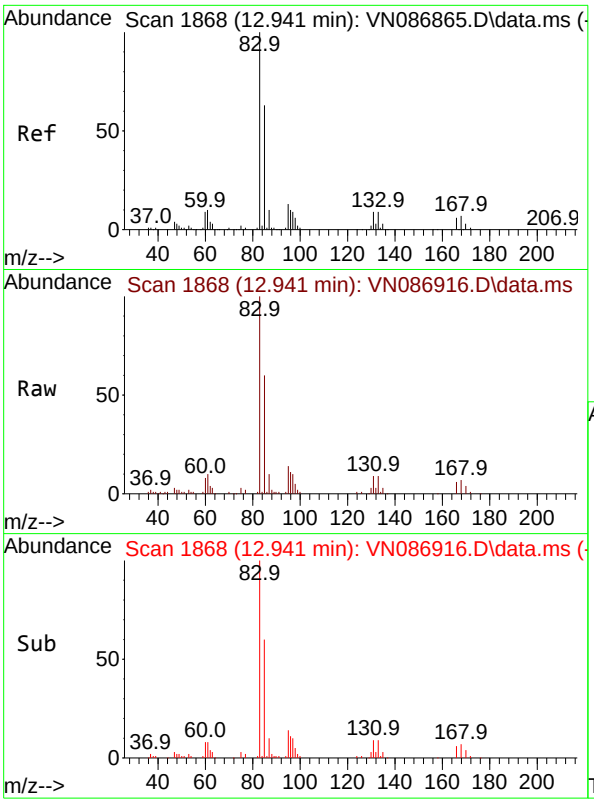


#74
N-amyl acetate
Concen: 16.158 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.017 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 43 Resp: 77997

Ion	Ratio	Lower	Upper
43	100		
70	50.9	37.6	56.4
55	23.7	19.0	28.6
61	28.9	20.8	31.2



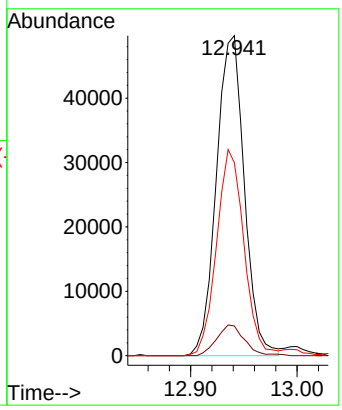


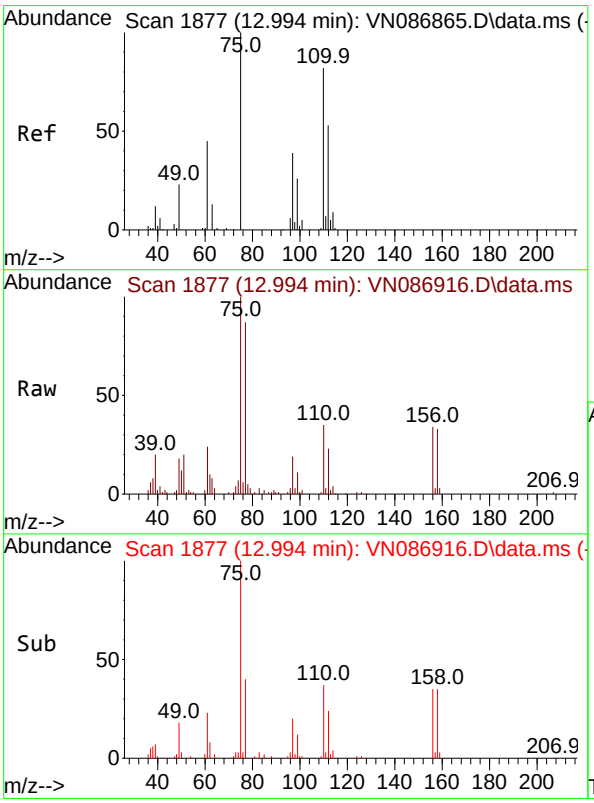
#75
1,1,2,2-Tetrachloroethane
Concen: 19.372 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 83 Resp: 90657

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	63.0	32.0	96.0

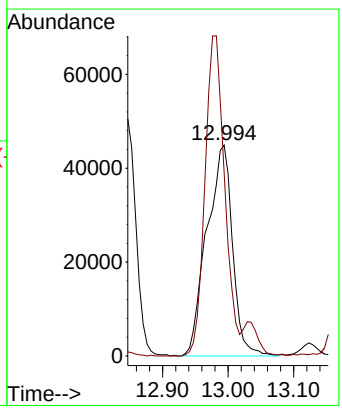


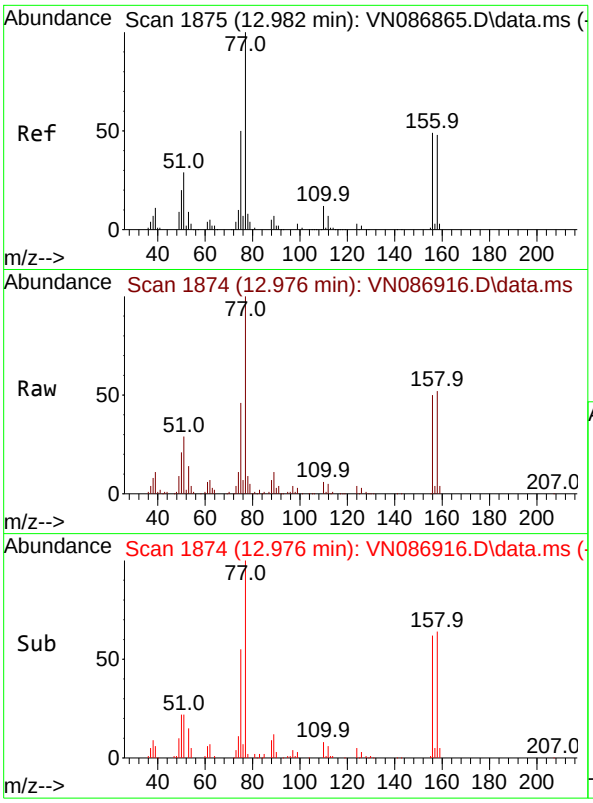


#76
1,2,3-Trichloropropane
Concen: 27.137 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 75 Resp: 122315

Ion	Ratio	Lower	Upper
75	100		
77	116.7	79.3	237.9



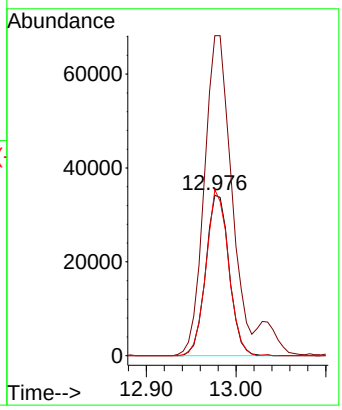


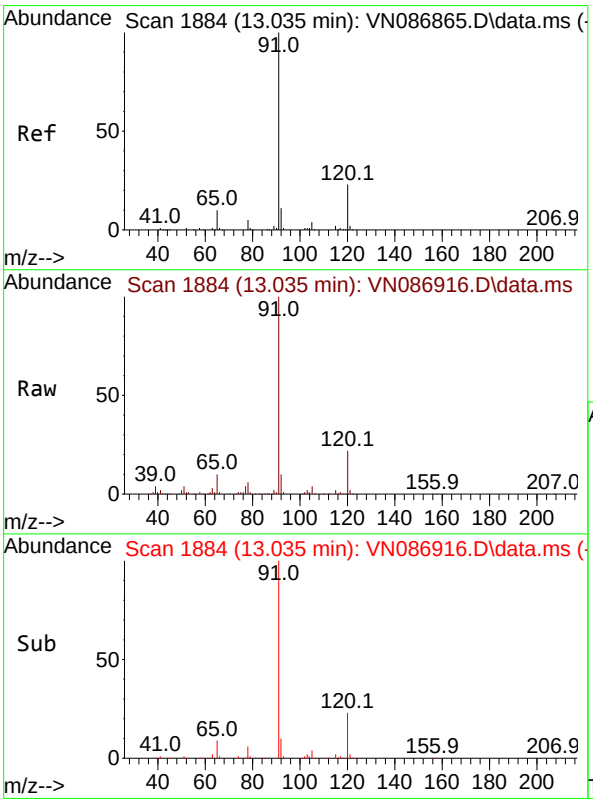
#77
Bromobenzene
Concen: 19.557 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:156 Resp: 61956

Ion	Ratio	Lower	Upper
156	100		
77	230.3	117.7	353.1
158	99.6	48.1	144.4

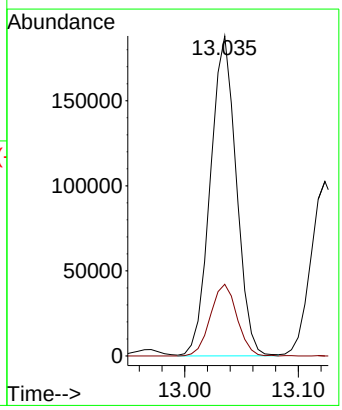


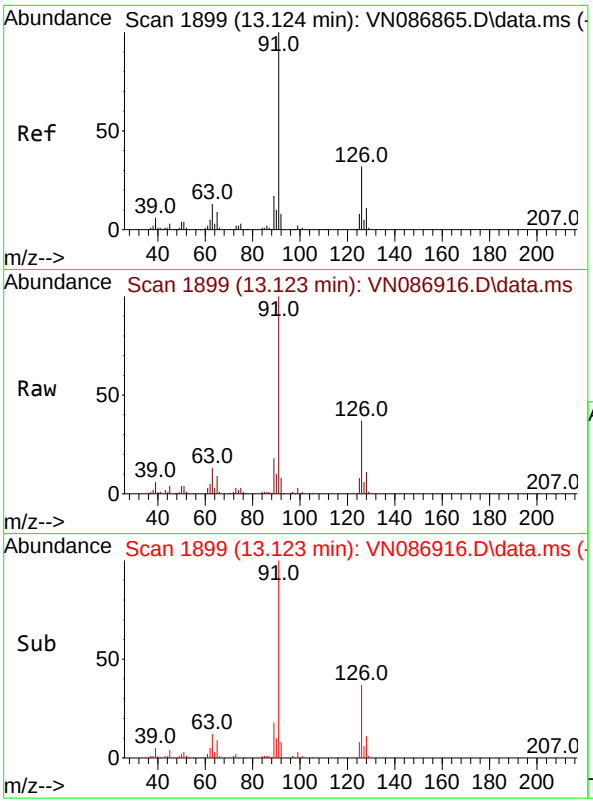


#78
n-propylbenzene
Concen: 17.805 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 91 Resp: 298896

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2



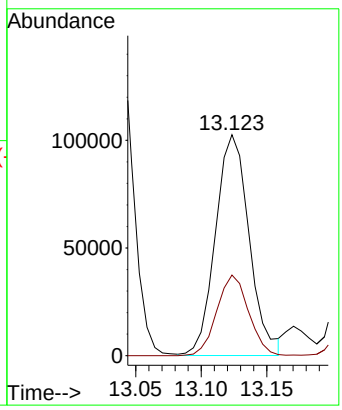


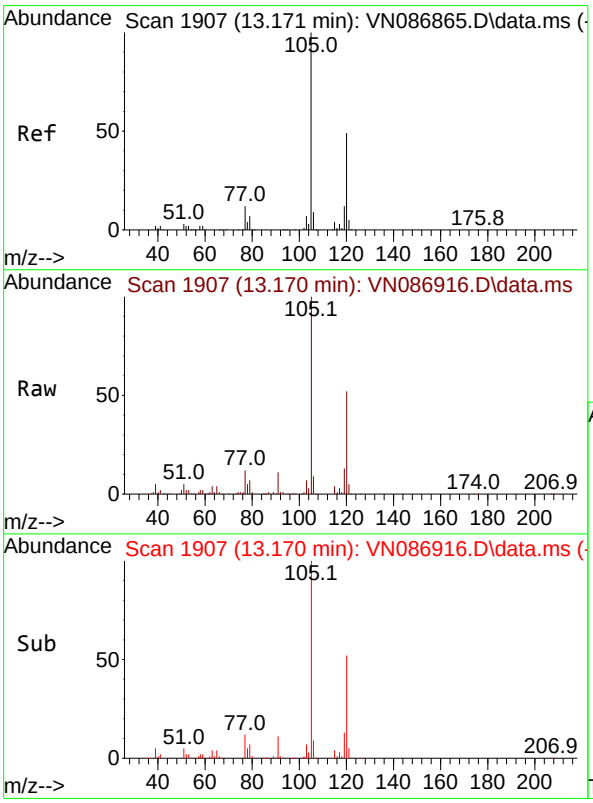
#79
2-Chlorotoluene
Concen: 18.226 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 91 Resp: 183491

Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.2	48.5

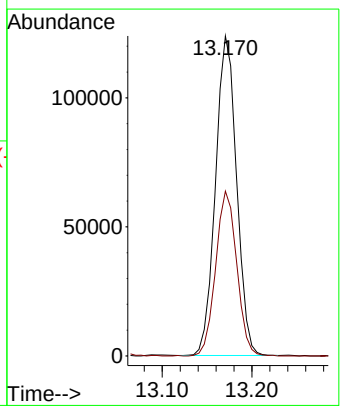


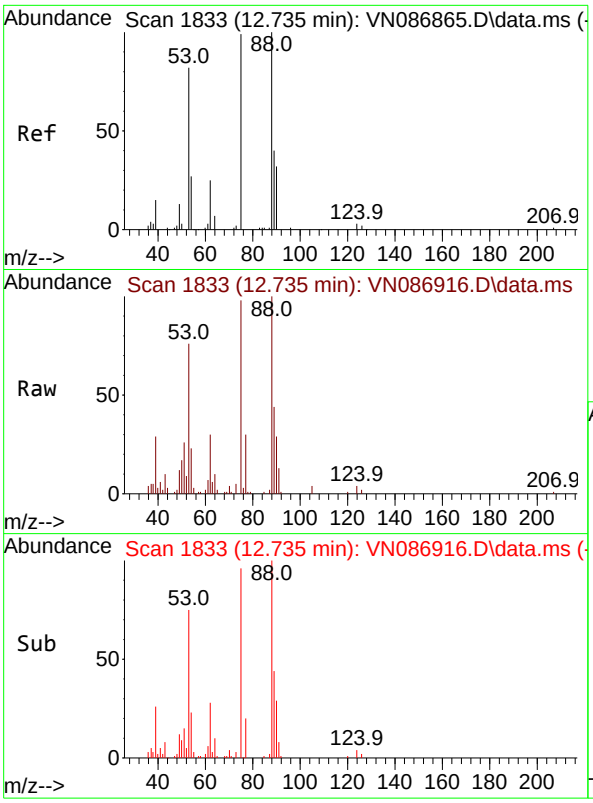


#80
1,3,5-Trimethylbenzene
Concen: 17.705 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:105 Resp: 201924

Ion	Ratio	Lower	Upper
105	100		
120	51.6	24.9	74.6



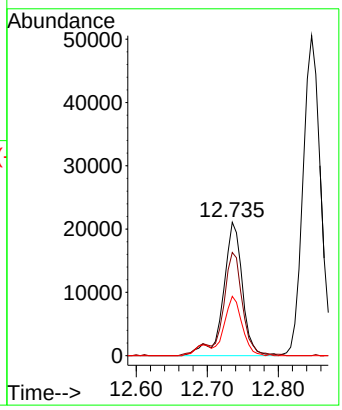


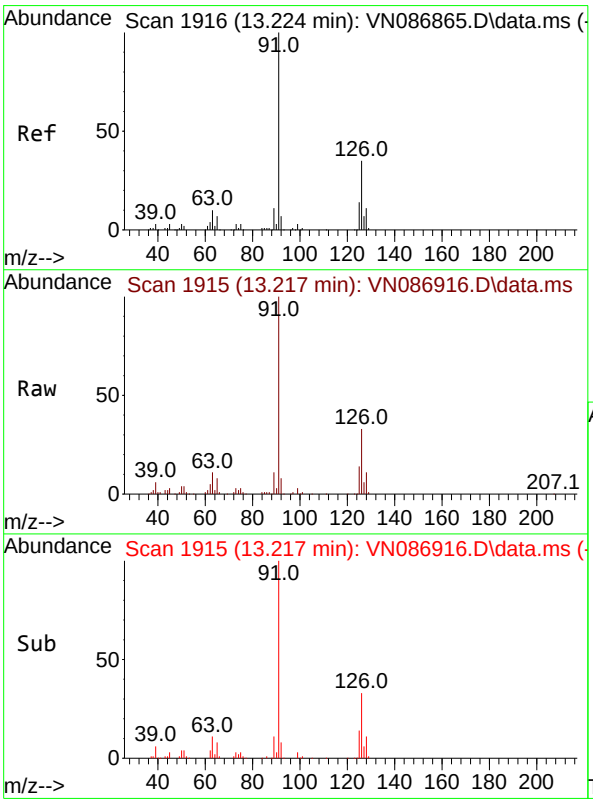
#81
trans-1,4-Dichloro-2-butene
Concen: 19.992 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 75 Resp: 39145

Ion	Ratio	Lower	Upper
75	100		
53	74.1	66.6	99.8
89	41.5	36.7	55.1

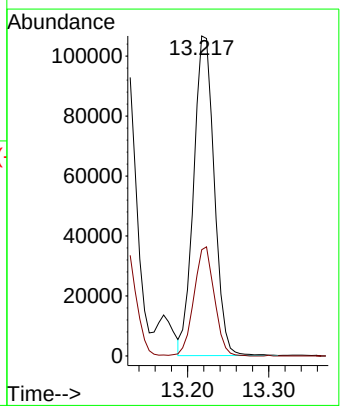


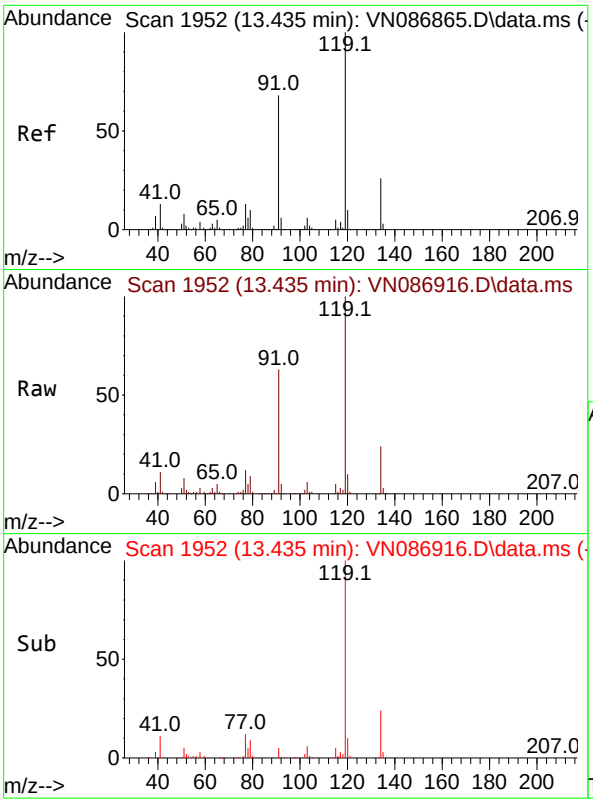


#82
4-Chlorotoluene
Concen: 18.476 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 91 Resp: 188207

Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.7	50.1



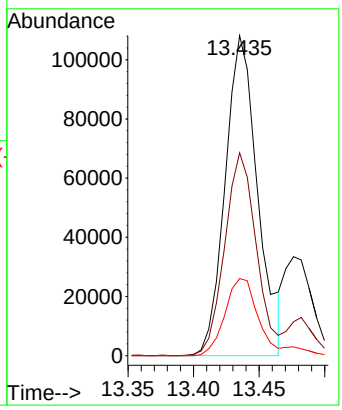


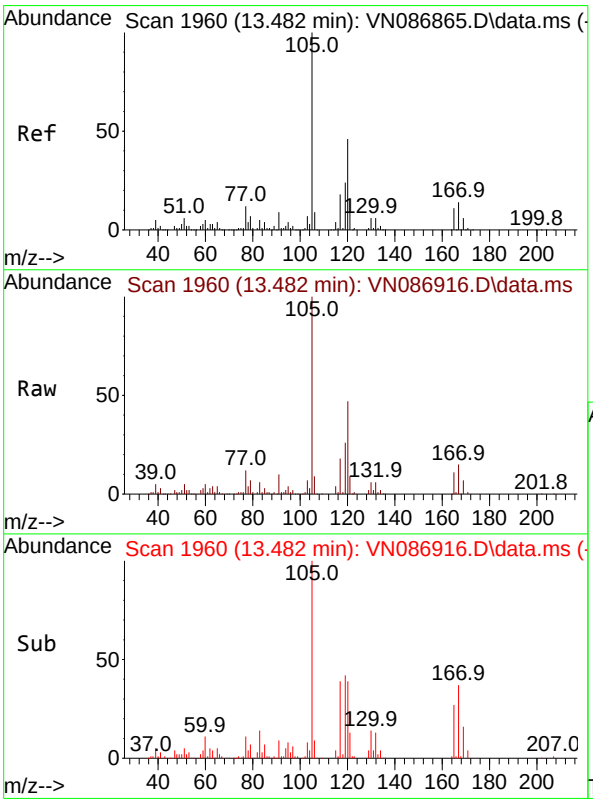
#83
tert-Butylbenzene
Concen: 17.859 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:119 Resp: 186449

Ion	Ratio	Lower	Upper
119	100		
91	61.7	32.1	96.5
134	26.2	13.4	40.1

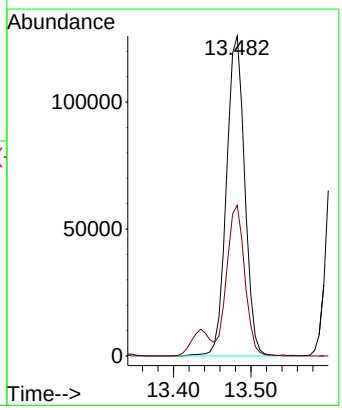


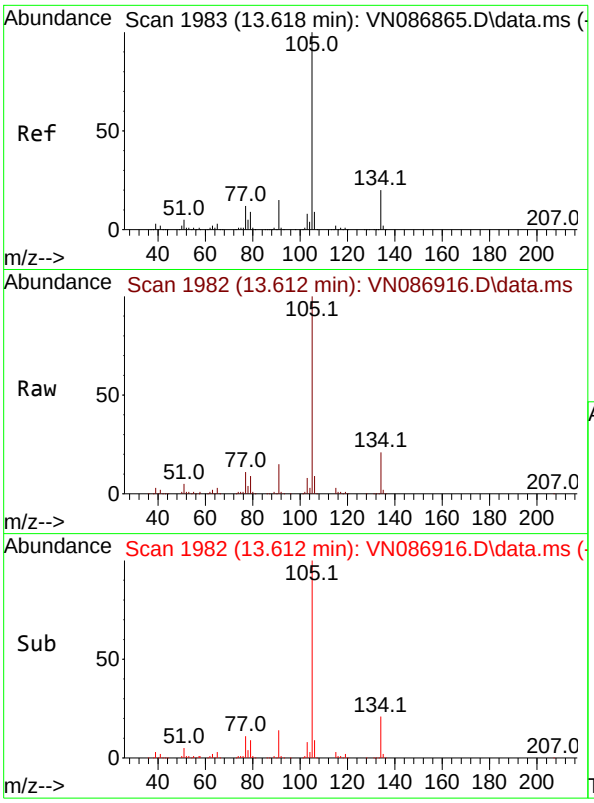


#84
1,2,4-Trimethylbenzene
Concen: 18.071 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:105 Resp: 206670

Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.2	69.6



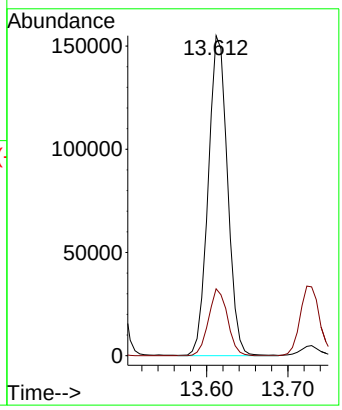


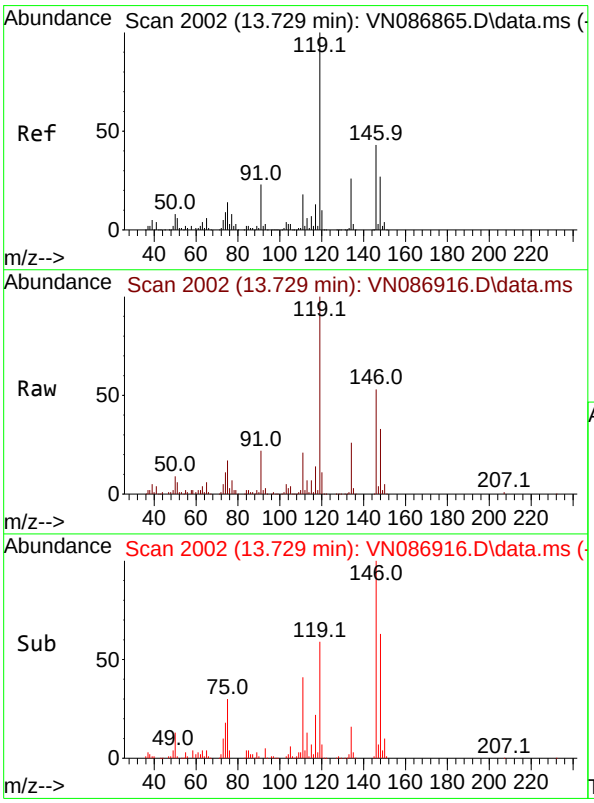
#85
sec-Butylbenzene
Concen: 16.843 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:105 Resp: 255364

Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.0	30.0

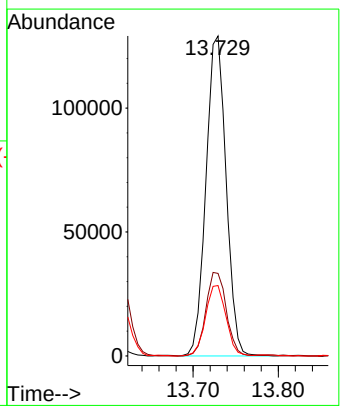


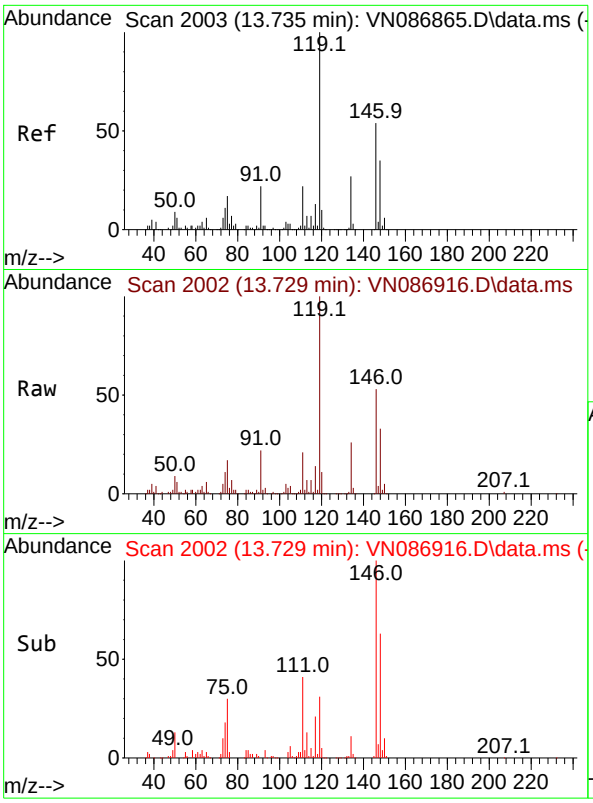


#86
p-Isopropyltoluene
Concen: 16.927 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:119 Resp: 212141

Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.5	40.4
91	22.5	11.5	34.4



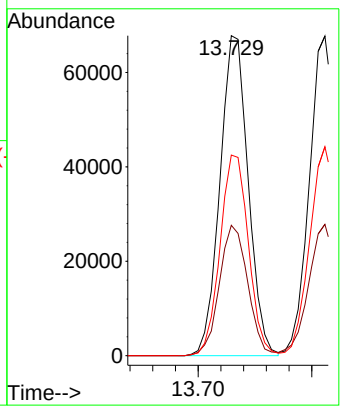


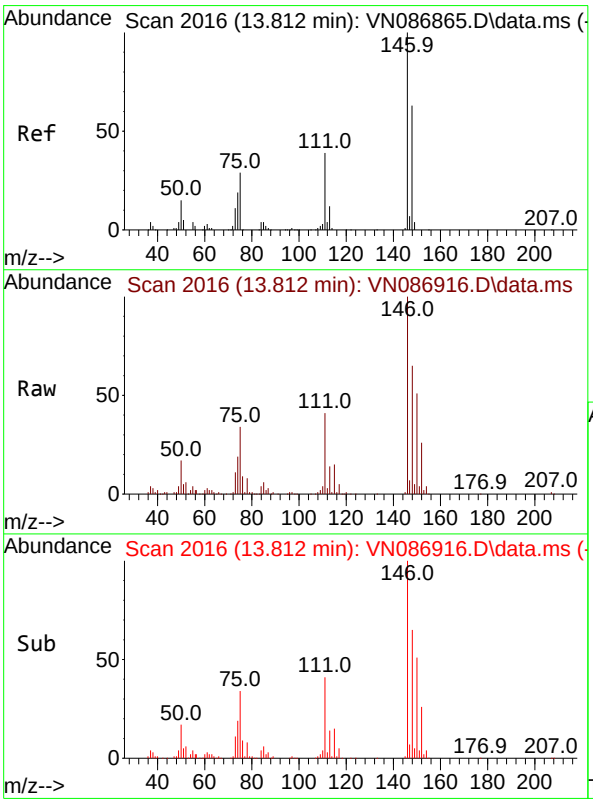
#87
1,3-Dichlorobenzene
Concen: 18.823 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:146 Resp: 117325

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.9	62.8
148	63.0	32.0	96.2

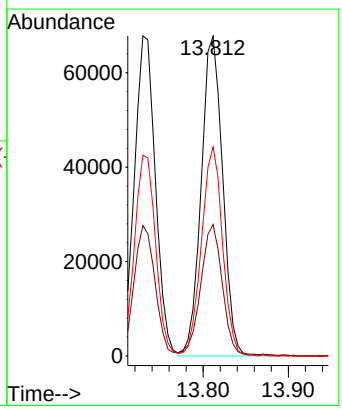


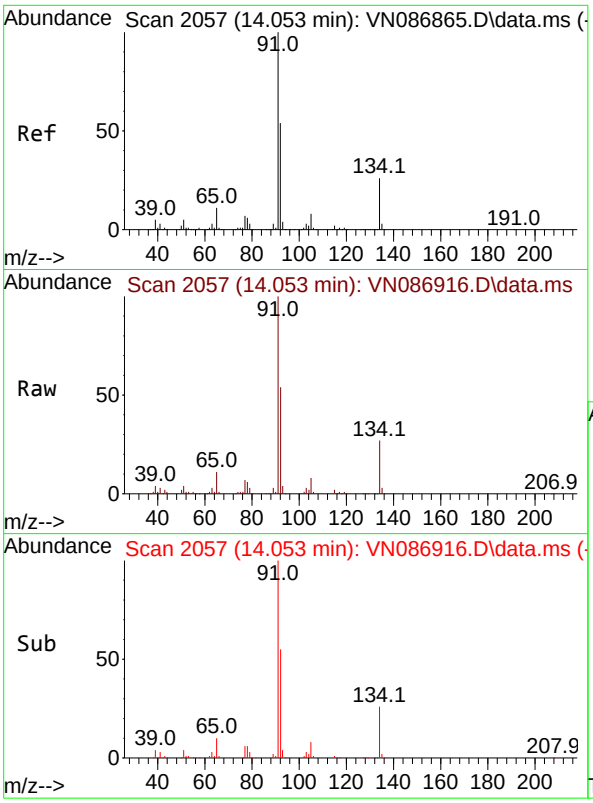


#88
1,4-Dichlorobenzene
Concen: 18.671 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:146 Resp: 118648

Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.7
148	64.3	31.8	95.4



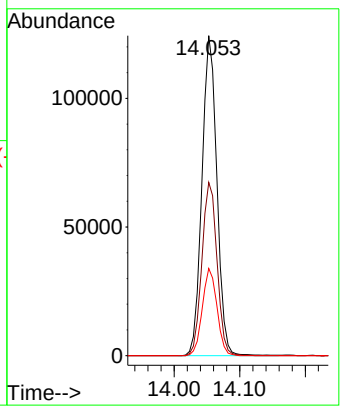


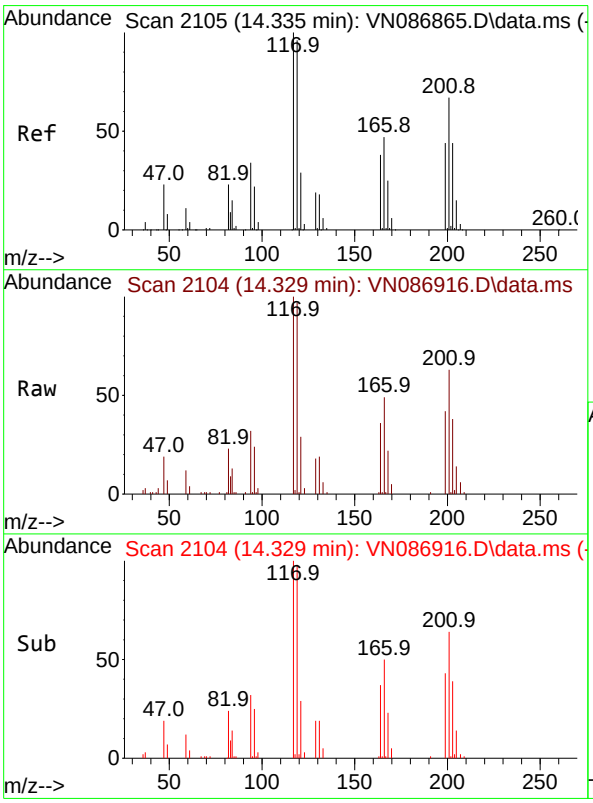
#89
n-Butylbenzene
Concen: 16.250 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion: 91 Resp: 197259

Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.5	82.4
134	26.7	13.0	39.0

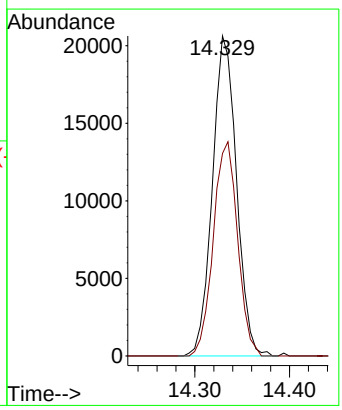


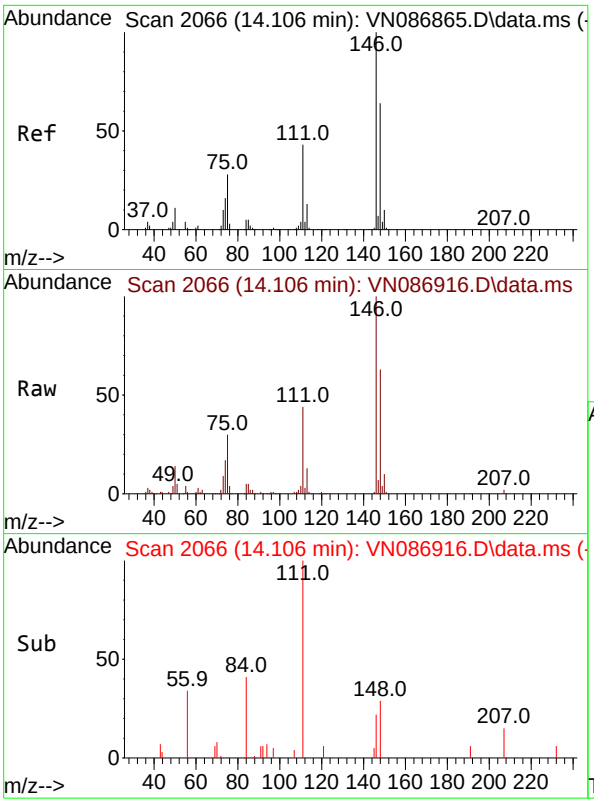


#90
Hexachloroethane
Concen: 17.178 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:117 Resp: 36492

Ion	Ratio	Lower	Upper
117	100		
201	67.5	33.2	99.6



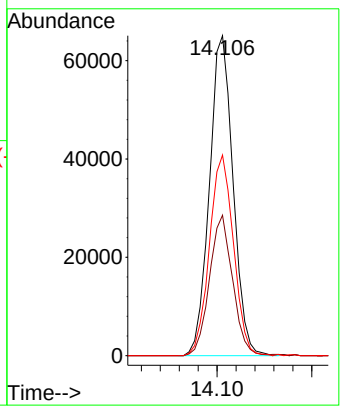


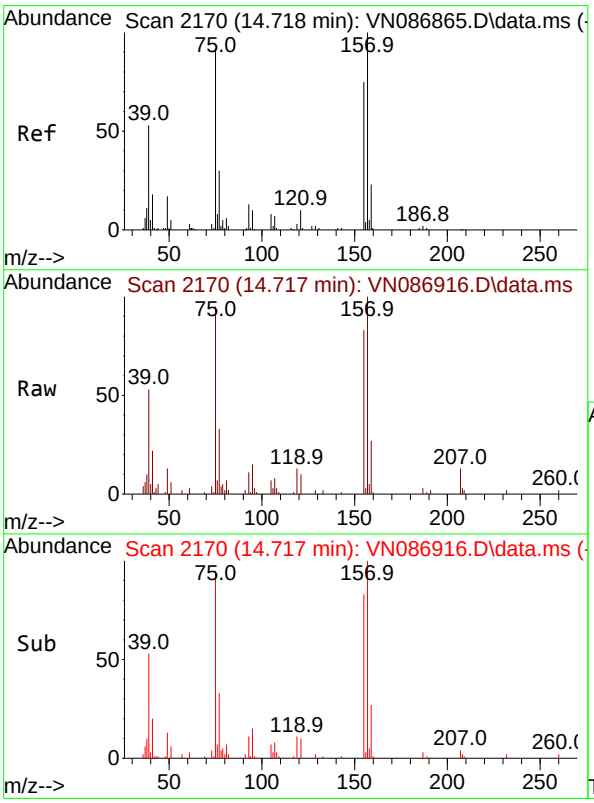
#91
1,2-Dichlorobenzene
Concen: 18.837 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:146 Resp: 112799

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	64.6
148	63.8	31.7	95.1

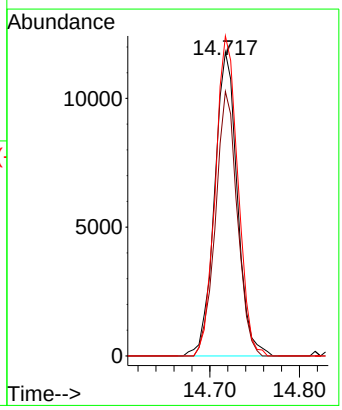


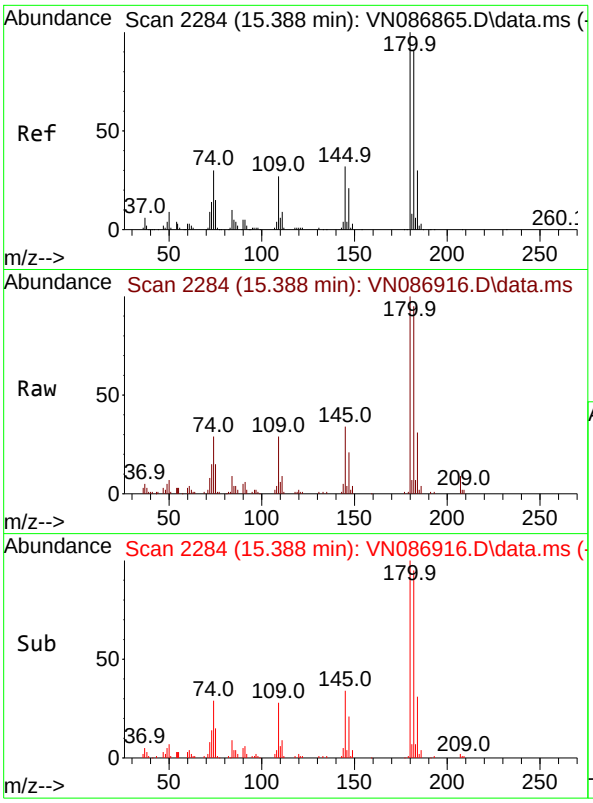


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.587 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion: 75 Resp: 20803

Ion	Ratio	Lower	Upper
75	100		
155	83.1	41.1	123.4
157	104.1	52.7	158.1



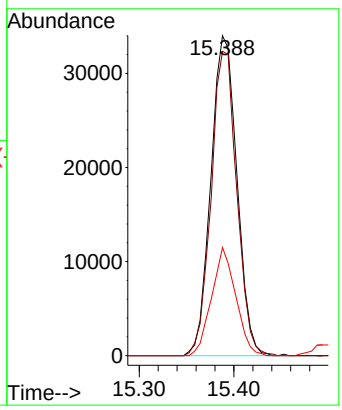


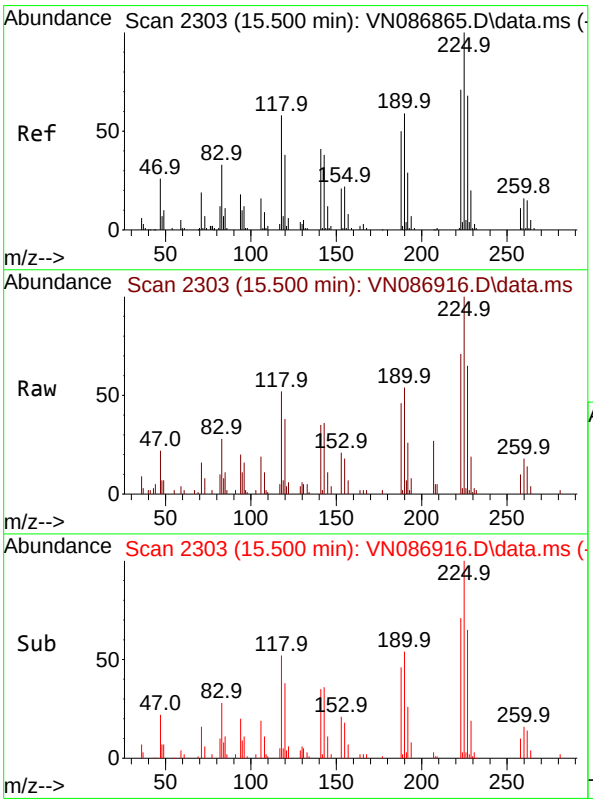
#93
1,2,4-Trichlorobenzene
Concen: 16.956 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:180 Resp: 64838

Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.7
145	31.5	16.0	47.9

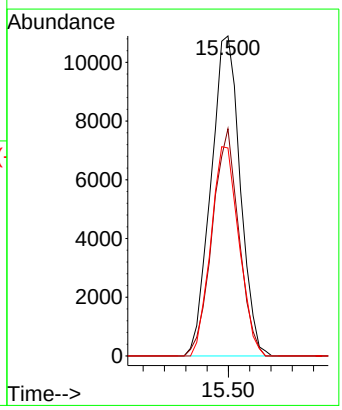


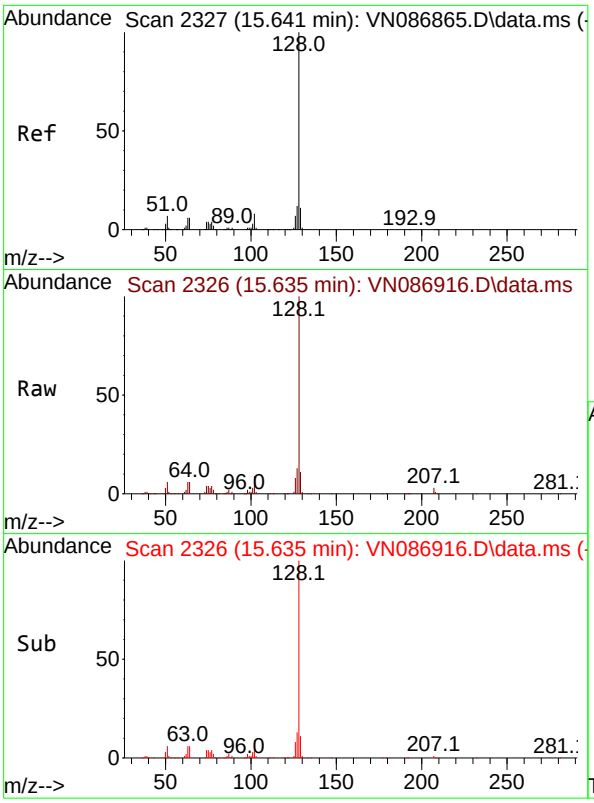


#94
Hexachlorobutadiene
Concen: 14.552 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:225 Resp: 20732

Ion	Ratio	Lower	Upper
225	100		
223	64.7	33.5	100.4
227	63.1	31.1	93.5



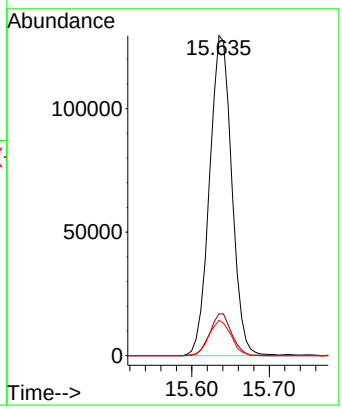


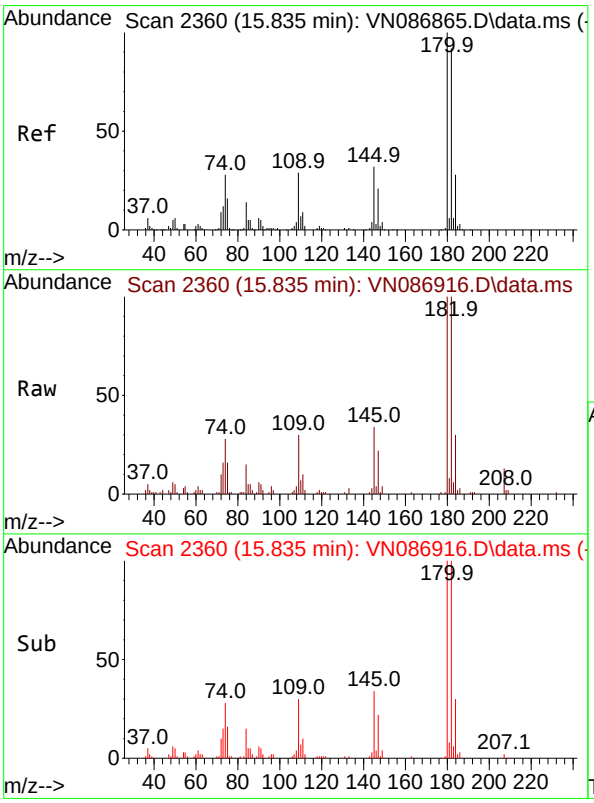
#95
Naphthalene
Concen: 18.109 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Tgt Ion:128 Resp: 257750

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.8	13.2

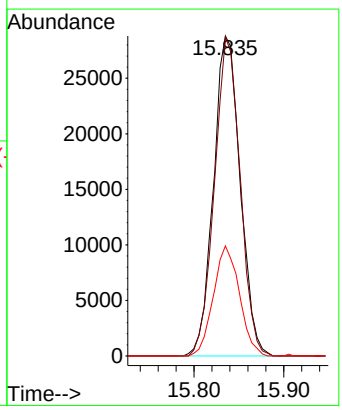




#96
1,2,3-Trichlorobenzene
Concen: 15.670 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086916.D
Acq: 10 Jun 2025 10:30

Tgt Ion:180 Resp: 59536

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.0
145	33.5	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086917.D
Acq On : 10 Jun 2025 11:04
Operator : JC\MD
Sample : VN0610WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Quant Time: Jun 11 01:49:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	231054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	413772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	362257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	176612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	145233	46.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.900%			
35) Dibromofluoromethane	8.177	113	121998	49.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.500%			
50) Toluene-d8	10.565	98	466490	48.056	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.120%			
62) 4-Bromofluorobenzene	12.847	95	175162	48.568	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	43846	19.032	ug/l	100
3) Chloromethane	2.401	50	47921	16.109	ug/l	99
4) Vinyl Chloride	2.554	62	55854	18.201	ug/l	97
5) Bromomethane	3.001	94	33013	19.224	ug/l	99
6) Chloroethane	3.159	64	37499	18.918	ug/l	98
7) Trichlorofluoromethane	3.530	101	74826	18.663	ug/l	96
8) Diethyl Ether	3.983	74	34988	20.029	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.406	101	46258	18.364	ug/l	99
10) Methyl Iodide	4.612	142	51389	15.737	ug/l	97
11) Tert butyl alcohol	5.536	59	73802	87.922	ug/l	100
12) 1,1-Dichloroethene	4.365	96	48271	18.770	ug/l	93
13) Acrolein	4.200	56	22666	85.306	ug/l	98
14) Allyl chloride	5.042	41	71838	16.844	ug/l	96
15) Acrylonitrile	5.736	53	186199	94.903	ug/l	100
16) Acetone	4.448	43	138199	84.240	ug/l	98
17) Carbon Disulfide	4.742	76	123418	17.350	ug/l	99
18) Methyl Acetate	5.047	43	88921	18.600	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	183666	19.725	ug/l	100
20) Methylene Chloride	5.300	84	57241	18.637	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	52483	18.343	ug/l	95
22) Diisopropyl ether	6.689	45	170908	19.010	ug/l	97
23) Vinyl Acetate	6.618	43	736239	96.927	ug/l	99
24) 1,1-Dichloroethane	6.589	63	97772	18.898	ug/l	98
25) 2-Butanone	7.494	43	242113	90.793	ug/l	97
26) 2,2-Dichloropropane	7.500	77	81738	20.310	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	65817	19.234	ug/l	98
28) Bromochloromethane	7.824	49	45149	17.749	ug/l	93
29) Tetrahydrofuran	7.847	42	160602	92.453	ug/l	97
30) Chloroform	7.977	83	96850	18.745	ug/l	98
31) Cyclohexane	8.265	56	84710	16.883	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	80954	18.422	ug/l	92
36) 1,1-Dichloropropene	8.383	75	68715	18.806	ug/l	99
37) Ethyl Acetate	7.571	43	88311	18.986	ug/l	99
38) Carbon Tetrachloride	8.371	117	68754	19.166	ug/l	96
39) Methylcyclohexane	9.606	83	81502	16.281	ug/l	95
40) Benzene	8.612	78	227384	19.031	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086917.D
Acq On : 10 Jun 2025 11:04
Operator : JC\MD
Sample : VN0610WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Quant Time: Jun 11 01:49:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	48259	18.474	ug/l		94
42) 1,2-Dichloroethane	8.677	62	72029	19.875	ug/l		100
43) Isopropyl Acetate	8.694	43	142783	19.126	ug/l		98
44) Trichloroethene	9.359	130	55729	19.670	ug/l		99
45) 1,2-Dichloropropane	9.624	63	56820	19.547	ug/l		99
46) Dibromomethane	9.712	93	39978	20.706	ug/l		98
47) Bromodichloromethane	9.888	83	79316	19.966	ug/l		95
48) Methyl methacrylate	9.682	41	64349	18.727	ug/l		97
49) 1,4-Dioxane	9.700	88	23335	373.296	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.447	43	441787	98.299	ug/l		99
52) Toluene	10.635	92	141711	19.407	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	91686	20.640	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	96403	20.283	ug/l		98
55) 1,1,2-Trichloroethane	11.018	97	56698	20.180	ug/l		98
56) Ethyl methacrylate	10.882	69	92581	20.688	ug/l		95
57) 1,3-Dichloropropane	11.165	76	97585	20.022	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	250113	93.704	ug/l		98
59) 2-Hexanone	11.206	43	274607	94.857	ug/l		97
60) Dibromochloromethane	11.359	129	61225	20.915	ug/l		99
61) 1,2-Dibromoethane	11.471	107	58392	20.276	ug/l		98
64) Tetrachloroethene	11.106	164	42169	18.394	ug/l		98
65) Chlorobenzene	11.888	112	158329	19.817	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	52090	20.282	ug/l		99
67) Ethyl Benzene	11.965	91	258528	18.785	ug/l		99
68) m/p-Xylenes	12.071	106	200337	38.028	ug/l		99
69) o-Xylene	12.400	106	99445	19.710	ug/l		98
70) Styrene	12.412	104	170919	19.797	ug/l		100
71) Bromoform	12.576	173	39872	20.953	ug/l	#	96
73) Isopropylbenzene	12.694	105	239786	18.637	ug/l		100
74) N-amyl acetate	12.529	43	94962	21.121	ug/l	#	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	91175	20.917	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	120747	28.762	ug/l		69
77) Bromobenzene	12.982	156	60355	20.455	ug/l		100
78) n-propylbenzene	13.035	91	284206	18.176	ug/l		100
79) 2-Chlorotoluene	13.123	91	175915	18.760	ug/l		97
80) 1,3,5-Trimethylbenzene	13.170	105	195958	18.447	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	35153	19.275	ug/l		94
82) 4-Chlorotoluene	13.218	91	180752	19.051	ug/l		98
83) tert-Butylbenzene	13.435	119	177514	18.256	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	200229	18.797	ug/l		100
85) sec-Butylbenzene	13.618	105	242849	17.198	ug/l		100
86) p-Isopropyltoluene	13.729	119	205414	17.598	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	113354	19.526	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	114393	19.327	ug/l		97
89) n-Butylbenzene	14.053	91	187901	16.619	ug/l		99
90) Hexachloroethane	14.329	117	34646	17.510	ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	110330	19.781	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20166	19.345	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	61228	17.191	ug/l		99
94) Hexachlorobutadiene	15.500	225	18980	14.304	ug/l		98
95) Naphthalene	15.635	128	252396	19.039	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	58621	16.566	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086917.D
Acq On : 10 Jun 2025 11:04
Operator : JC\MD
Sample : VN0610WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Quant Time: Jun 11 01:49:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

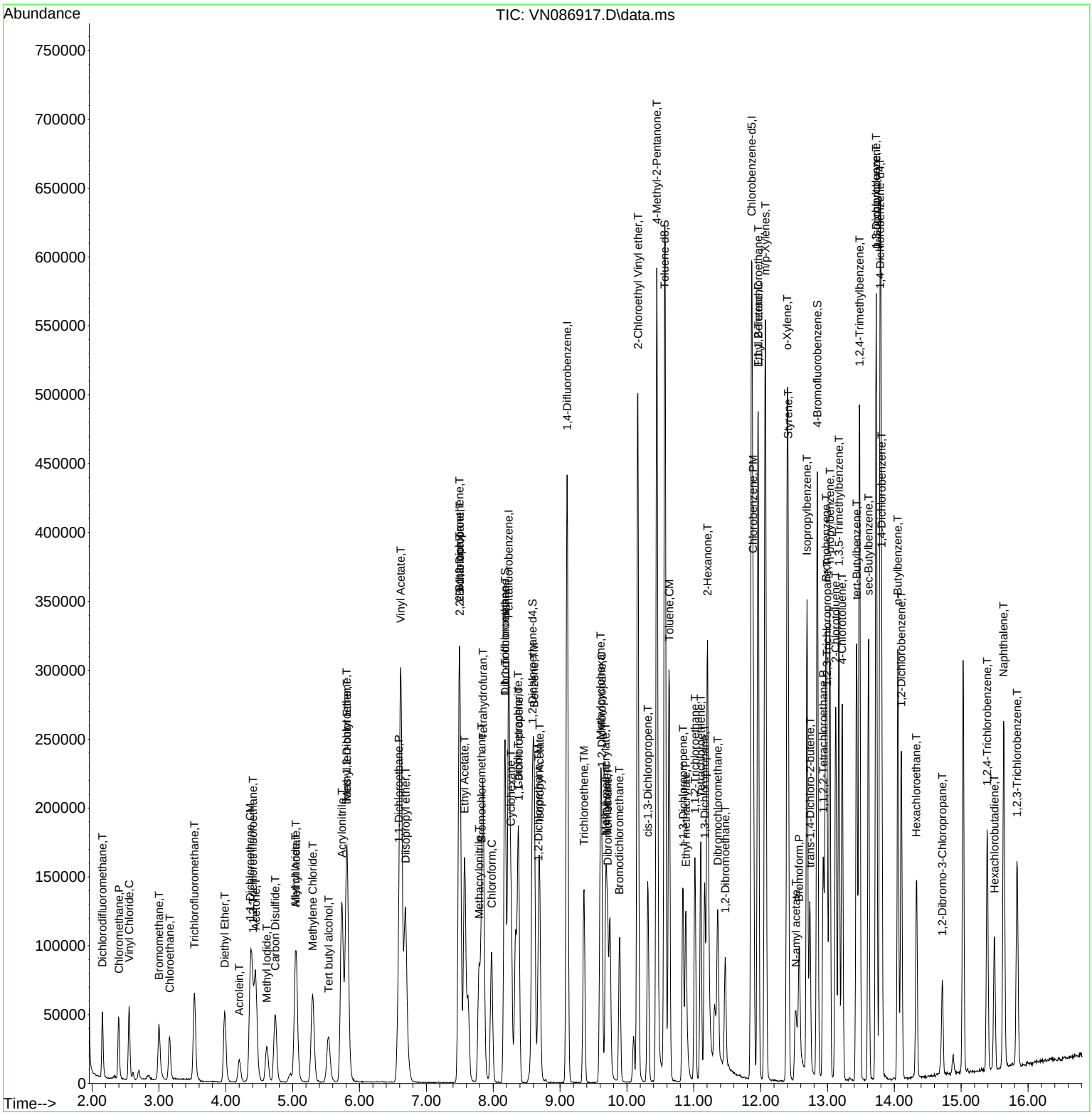
(#) = qualifier out of range (m) = manual integration (+) = signals summed

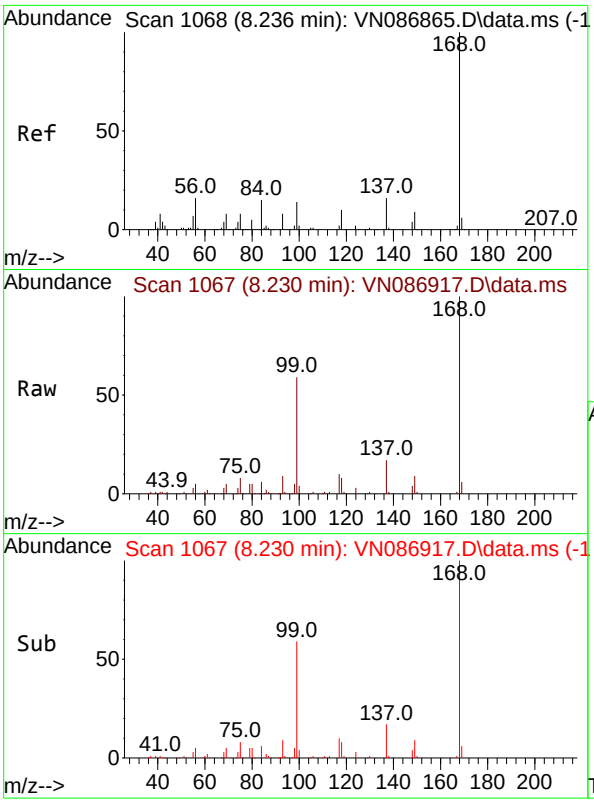
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086917.D
Acq On : 10 Jun 2025 11:04
Operator : JC\MD
Sample : VN0610WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Quant Time: Jun 11 01:49:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



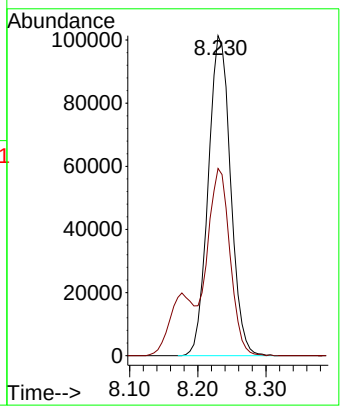


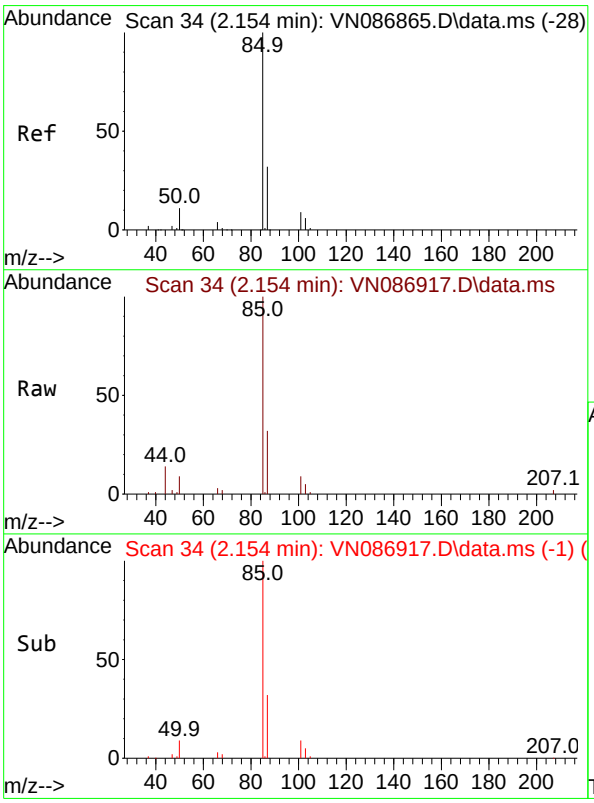
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:168 Resp: 231054

Ion	Ratio	Lower	Upper
168	100		
99	58.5	49.1	73.7

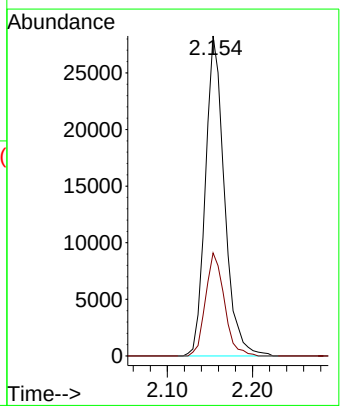


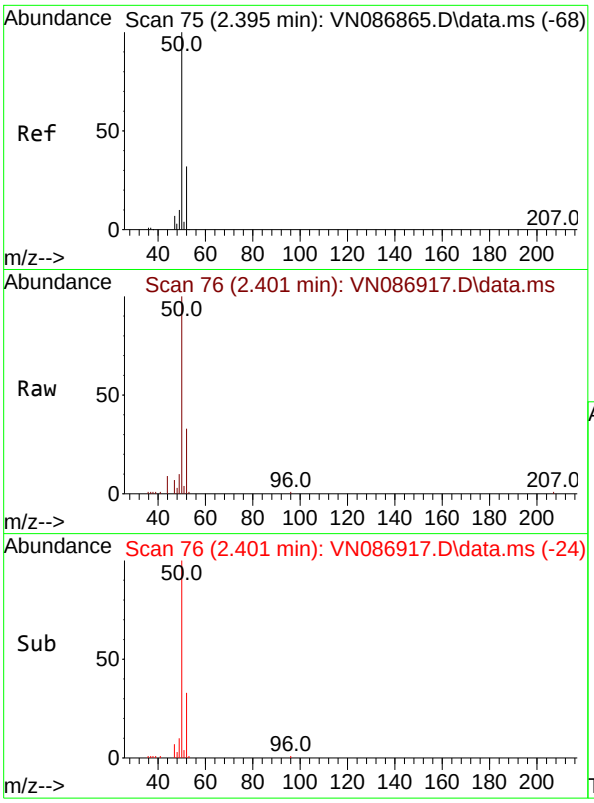


#2
Dichlorodifluoromethane
Concen: 19.032 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 85 Resp: 43846

Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.6



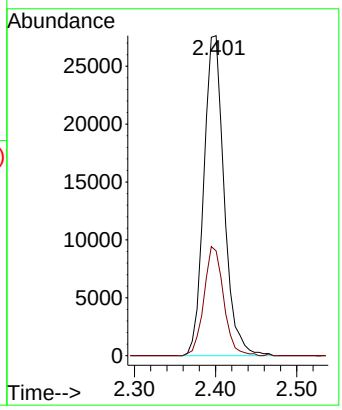


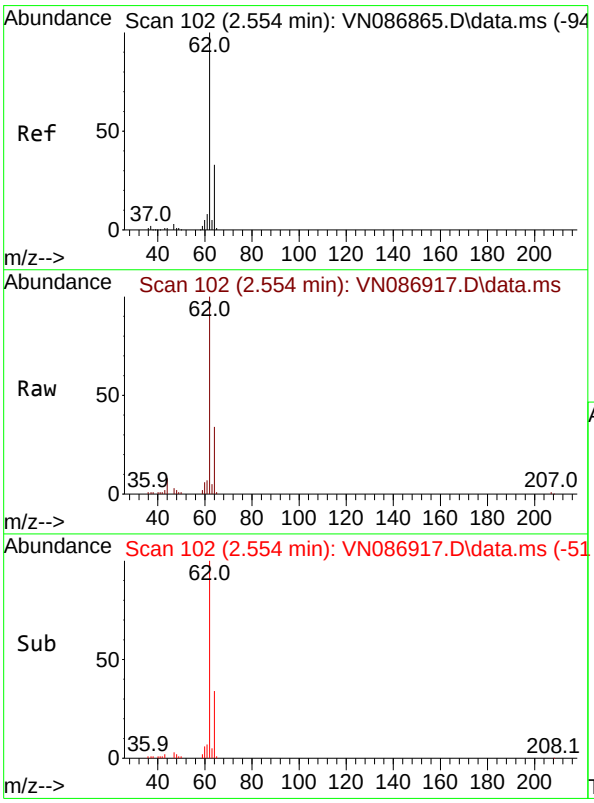
#3
Chloromethane
Concen: 16.109 ug/l
RT: 2.401 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 50 Resp: 47921

Ion	Ratio	Lower	Upper
50	100		
52	32.7	25.7	38.5

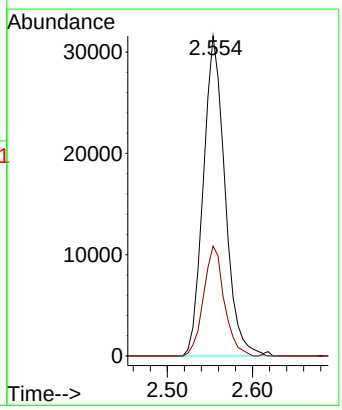


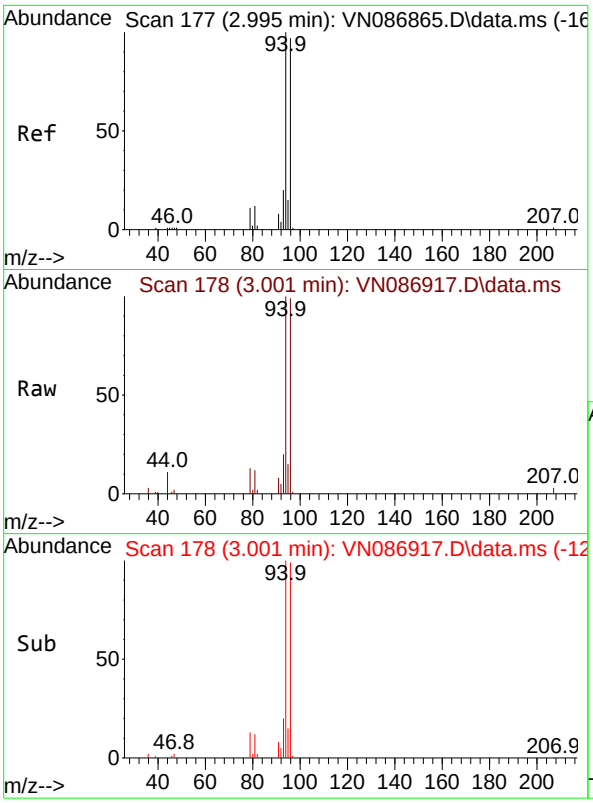


#4
Vinyl Chloride
Concen: 18.201 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 62 Resp: 55854

Ion	Ratio	Lower	Upper
62	100		
64	34.4	26.0	39.0



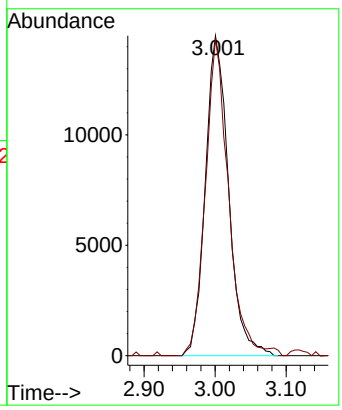


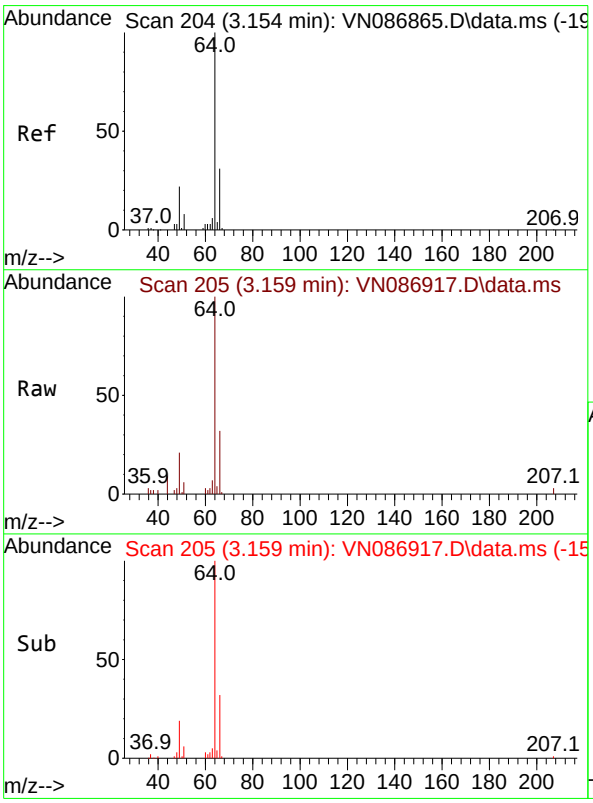
#5
Bromomethane
Concen: 19.224 ug/l
RT: 3.001 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 94 Resp: 33013

Ion	Ratio	Lower	Upper
94	100		
96	98.8	77.9	116.9

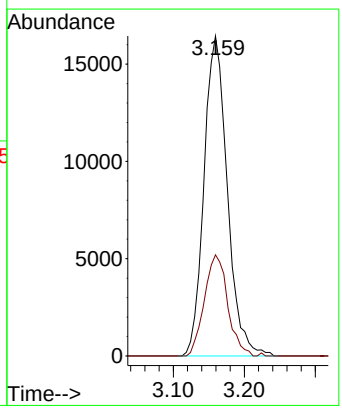


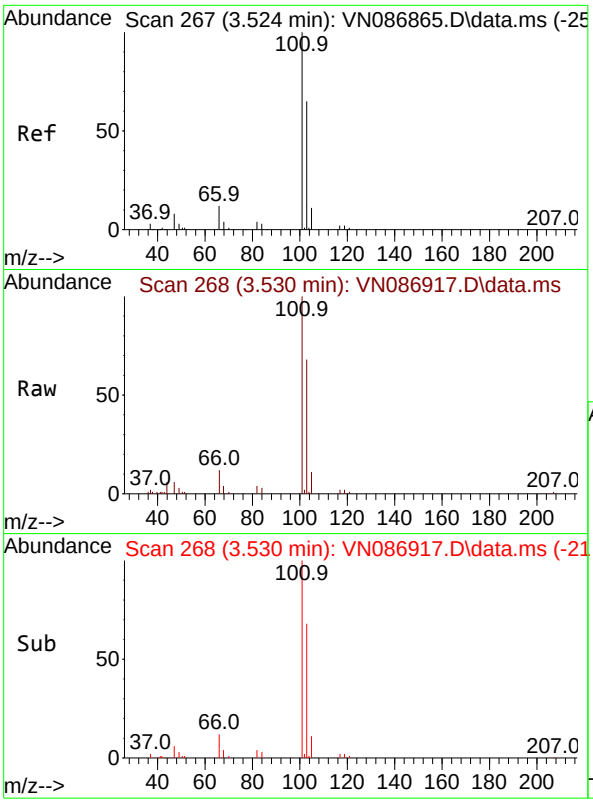


#6
Chloroethane
Concen: 18.918 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 64 Resp: 37499

Ion	Ratio	Lower	Upper
64	100		
66	31.6	24.6	36.8



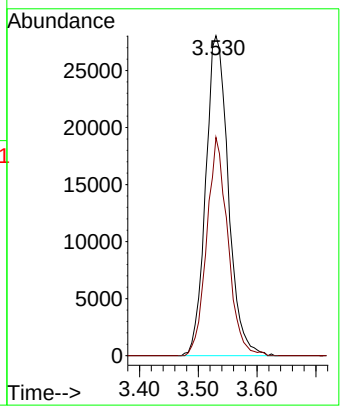


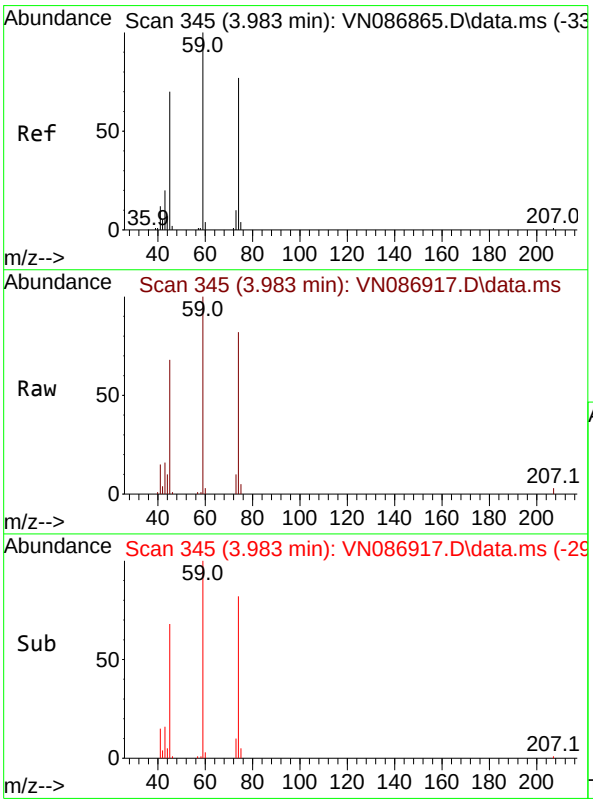
#7
Trichlorofluoromethane
Concen: 18.663 ug/l
RT: 3.530 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:101 Resp: 74826

Ion	Ratio	Lower	Upper
101	100		
103	68.2	52.2	78.2

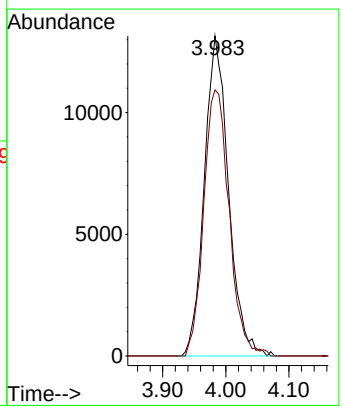


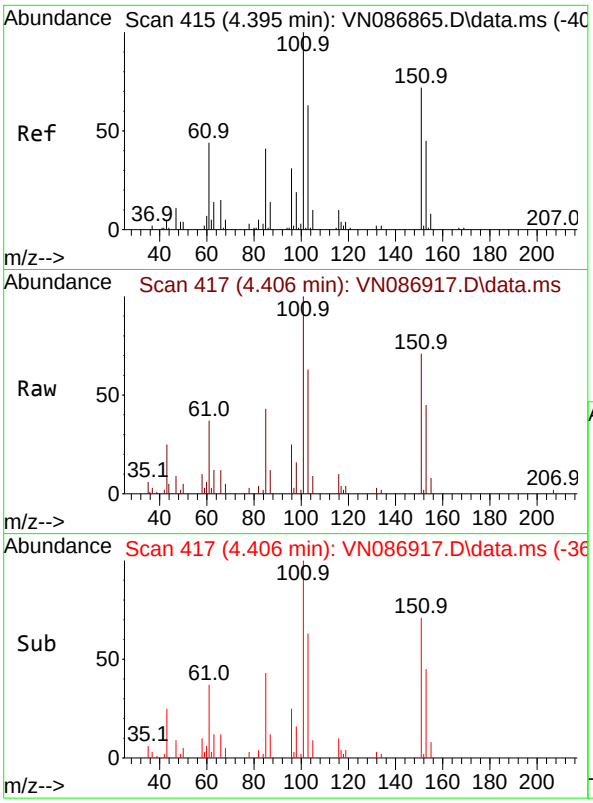


#8
Diethyl Ether
Concen: 20.029 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 74 Resp: 34988

Ion	Ratio	Lower	Upper
74	100		
45	87.5	45.5	136.5



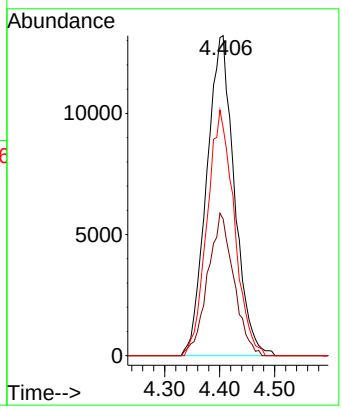


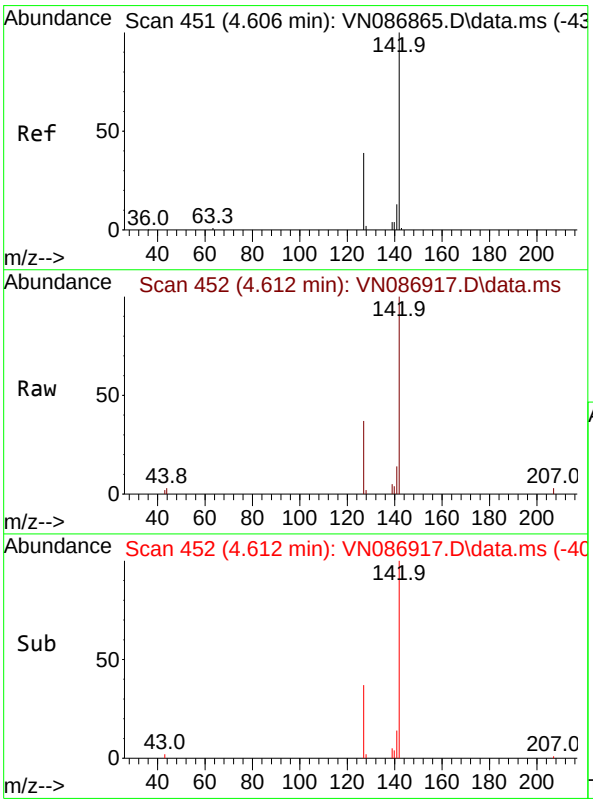
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.364 ug/l
RT: 4.406 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:101 Resp: 46258

Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.8	50.8
151	75.0	58.7	88.1

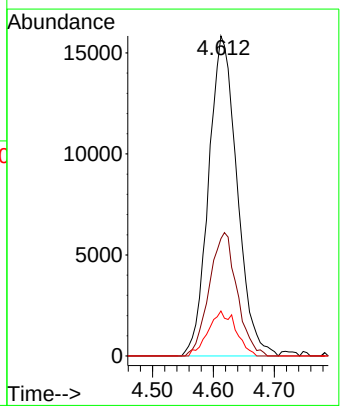


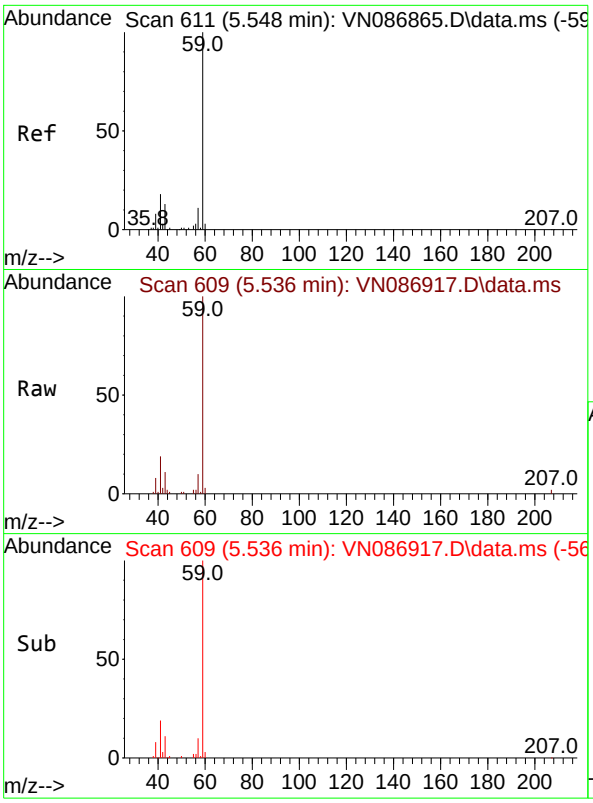


#10
Methyl Iodide
Concen: 15.737 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:142 Resp: 51389

Ion	Ratio	Lower	Upper
142	100		
127	36.7	30.9	46.3
141	14.0	10.4	15.6



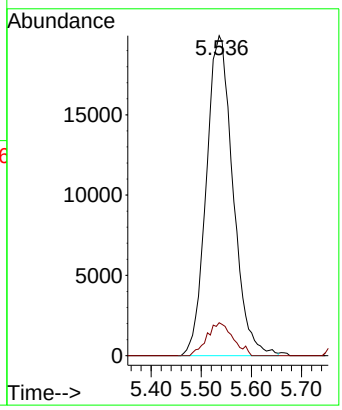


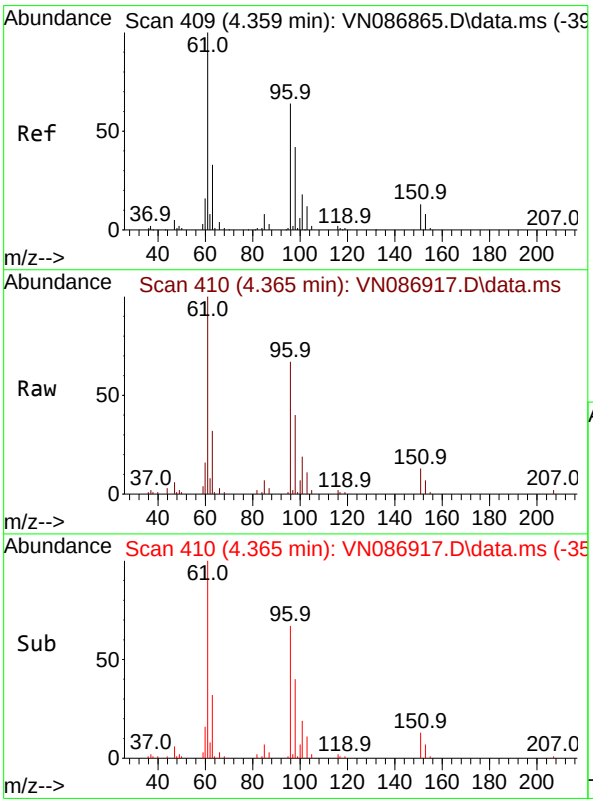
#11
Tert butyl alcohol
Concen: 87.922 ug/l
RT: 5.536 min Scan# 6
Delta R.T. -0.012 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 59 Resp: 73802

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

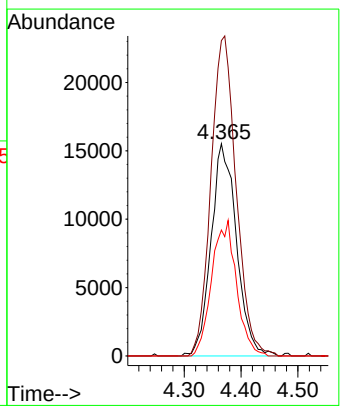


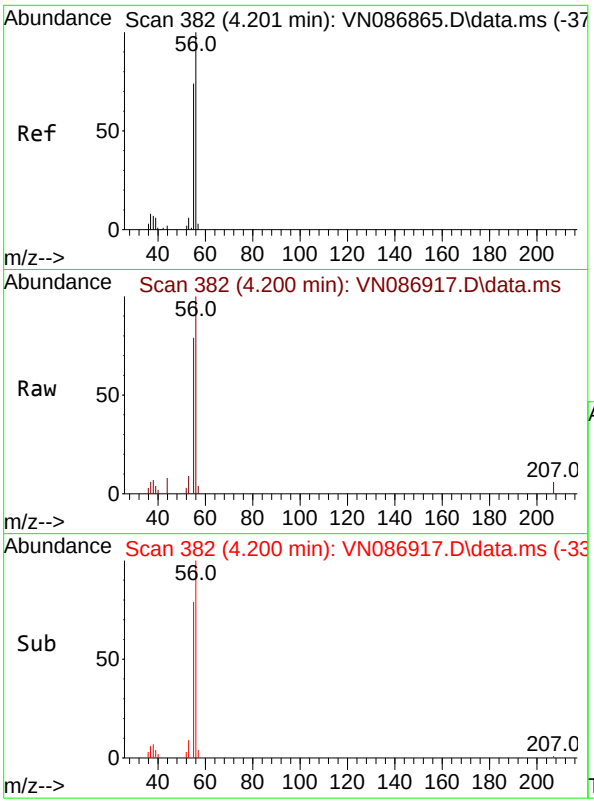


#12
1,1-Dichloroethene
Concen: 18.770 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 96 Resp: 48271

Ion	Ratio	Lower	Upper
96	100		
61	148.6	125.8	188.6
98	59.3	52.5	78.7



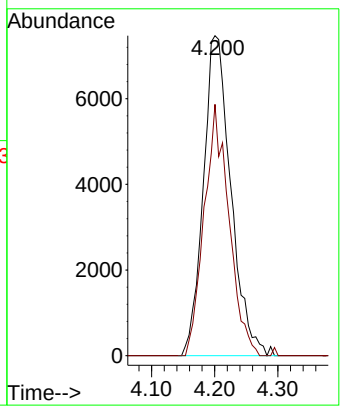


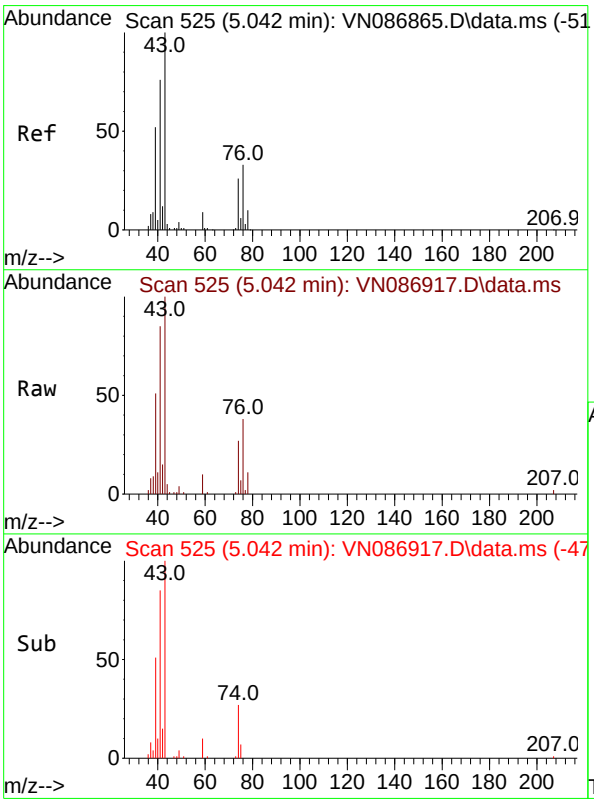
#13
Acrolein
Concen: 85.306 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 56 Resp: 22666

Ion	Ratio	Lower	Upper
56	100		
55	70.7	55.6	83.4

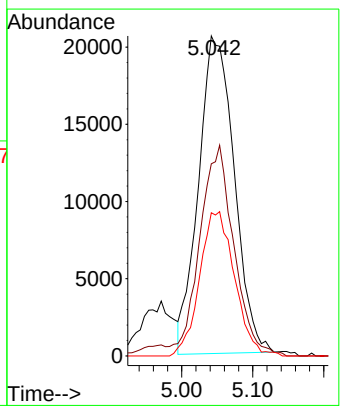


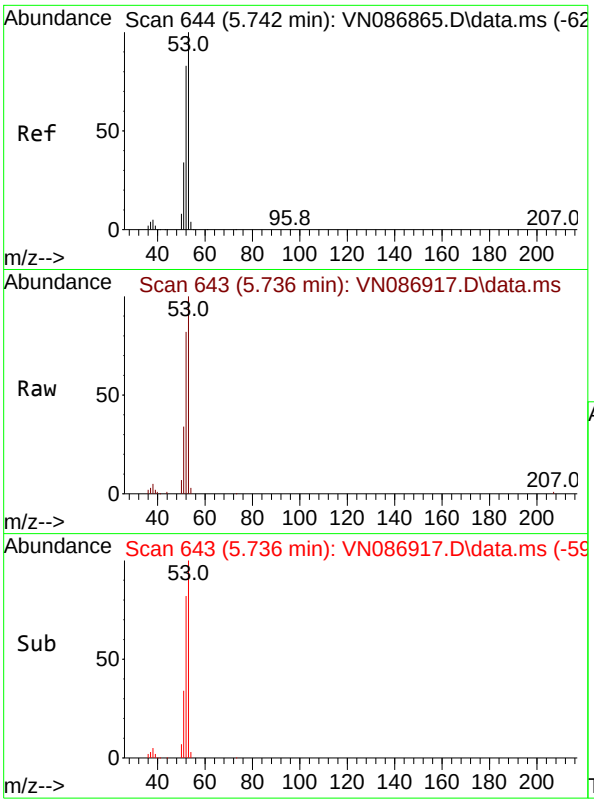


#14
Allyl chloride
Concen: 16.844 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 41 Resp: 71838

Ion	Ratio	Lower	Upper
41	100		
39	63.3	51.3	76.9
76	44.5	31.4	47.0



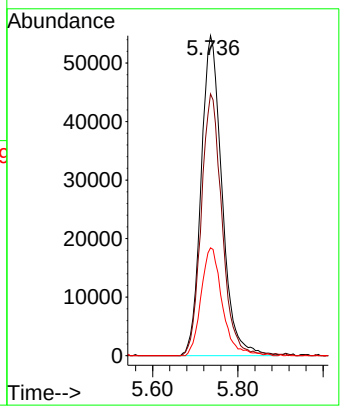


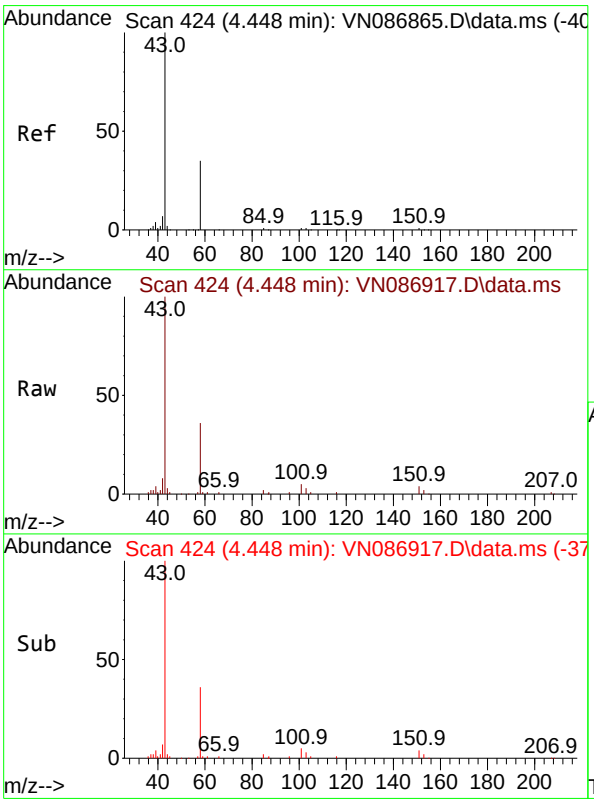
#15
Acrylonitrile
Concen: 94.903 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 53 Resp: 186199

Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.0	97.6
51	34.1	27.2	40.8

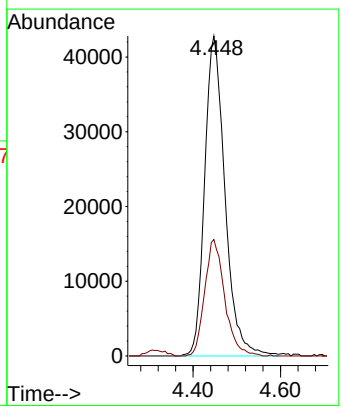


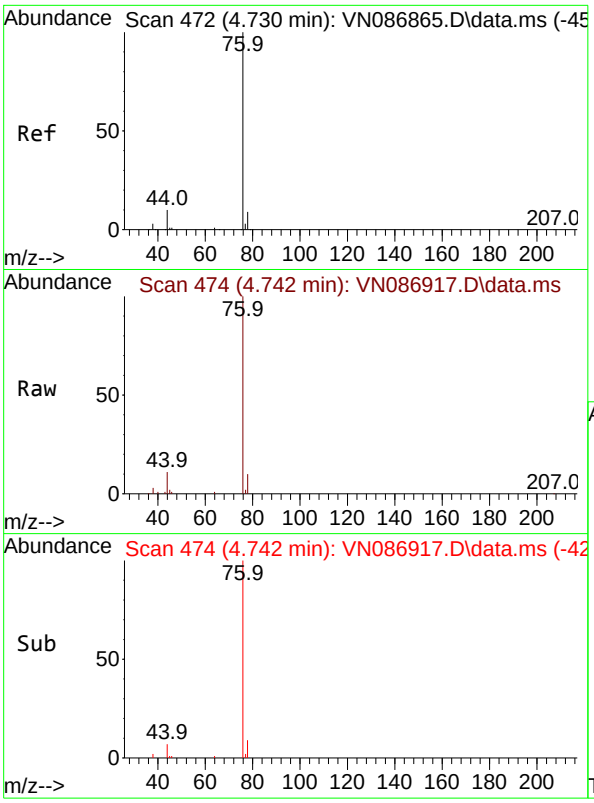


#16
Acetone
Concen: 84.240 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 138199

Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.0	42.0



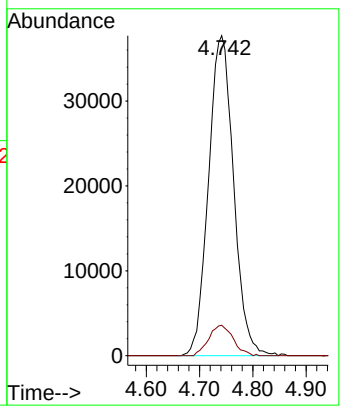


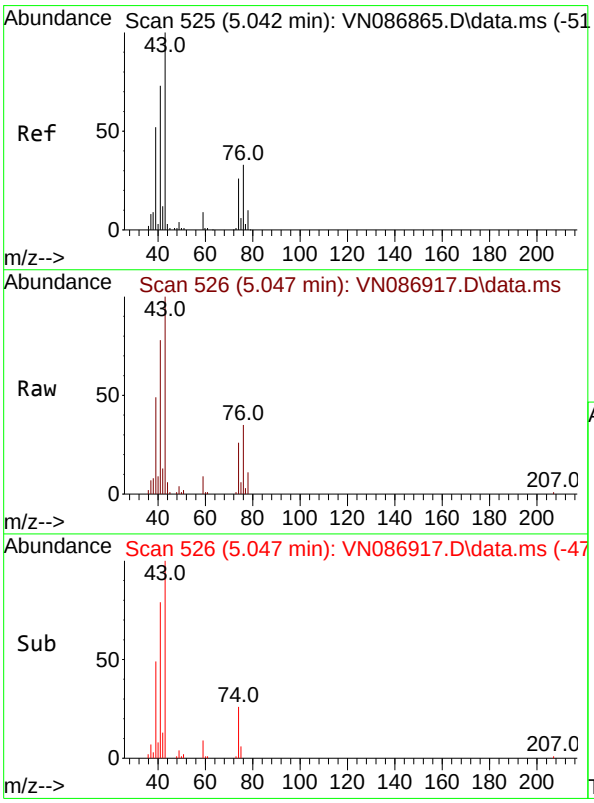
#17
Carbon Disulfide
Concen: 17.350 ug/l
RT: 4.742 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 76 Resp: 123418

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

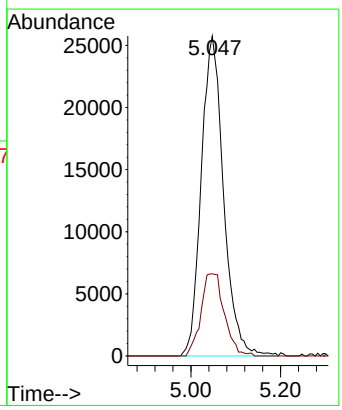


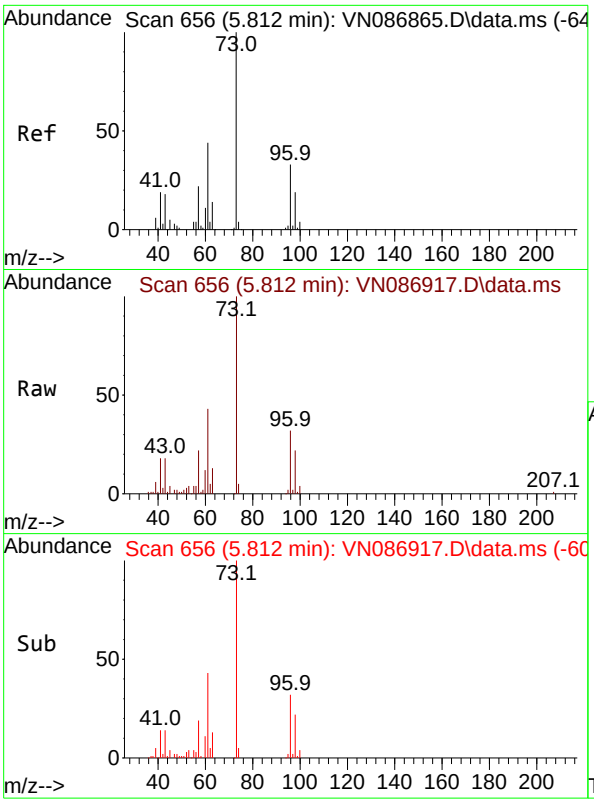


#18
Methyl Acetate
Concen: 18.600 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 88921

Ion	Ratio	Lower	Upper
43	100		
74	26.9	20.7	31.1



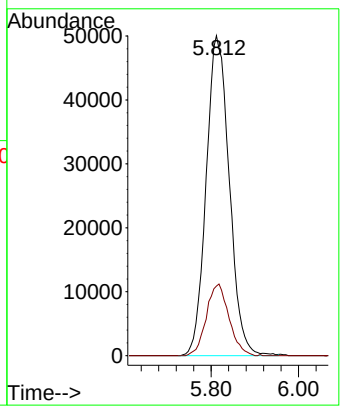


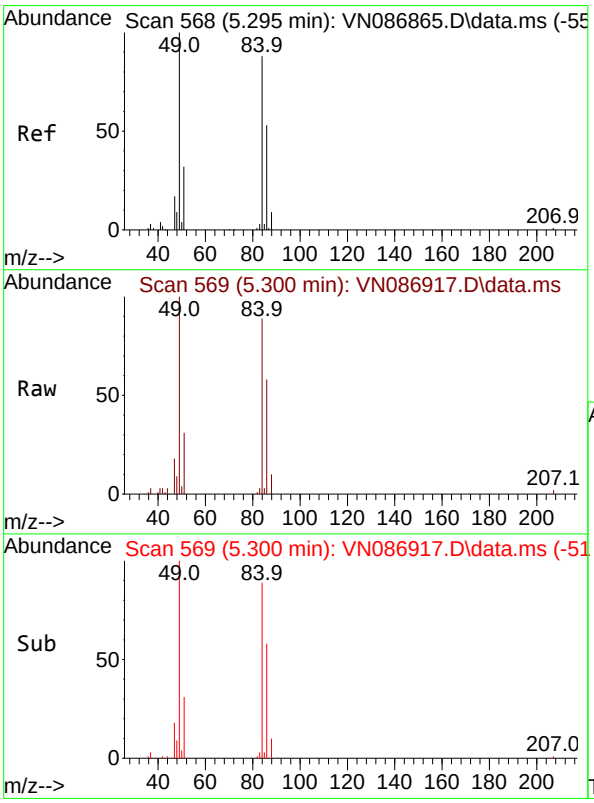
#19
Methyl tert-butyl Ether
Concen: 19.725 ug/l
RT: 5.812 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 73 Resp: 183666

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2

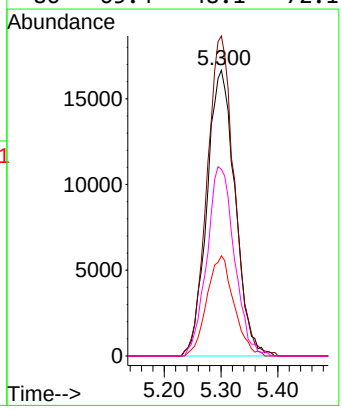


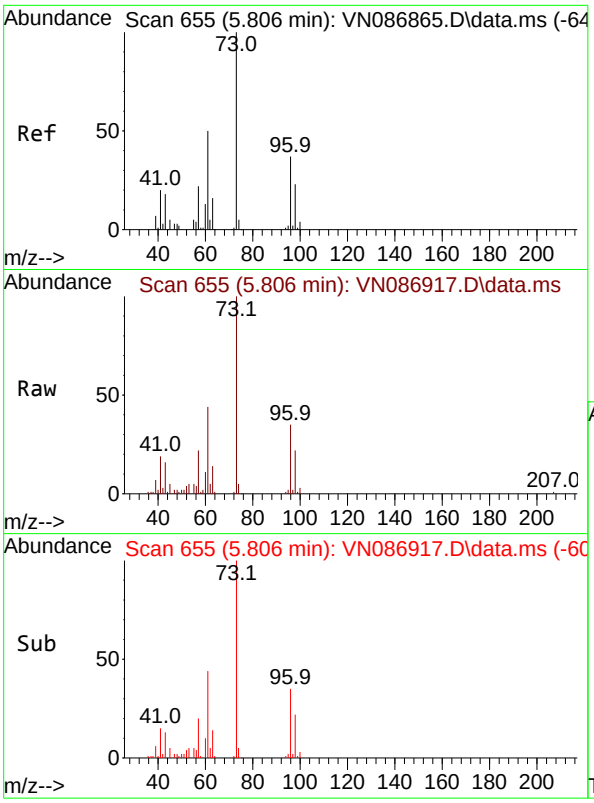


#20
Methylene Chloride
Concen: 18.637 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 84 Resp: 57241

Ion	Ratio	Lower	Upper
84	100		
49	112.0	90.5	135.7
51	35.1	28.5	42.7
86	65.4	48.1	72.1



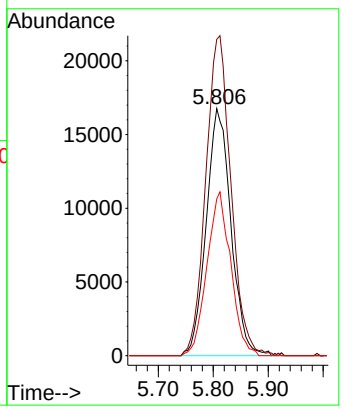


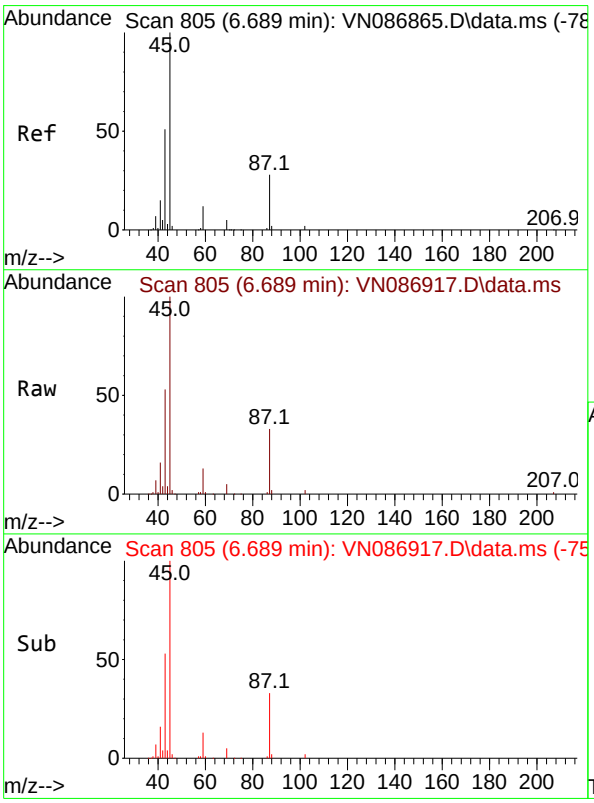
#21
trans-1,2-Dichloroethene
Concen: 18.343 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 96 Resp: 52483

Ion	Ratio	Lower	Upper
96	100		
61	128.1	109.2	163.8
98	63.5	49.8	74.8

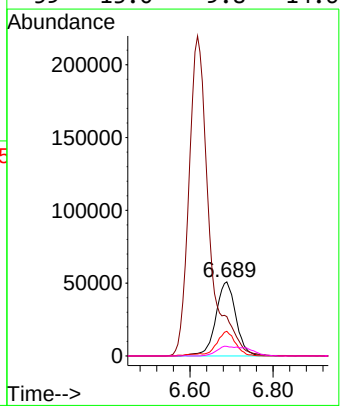


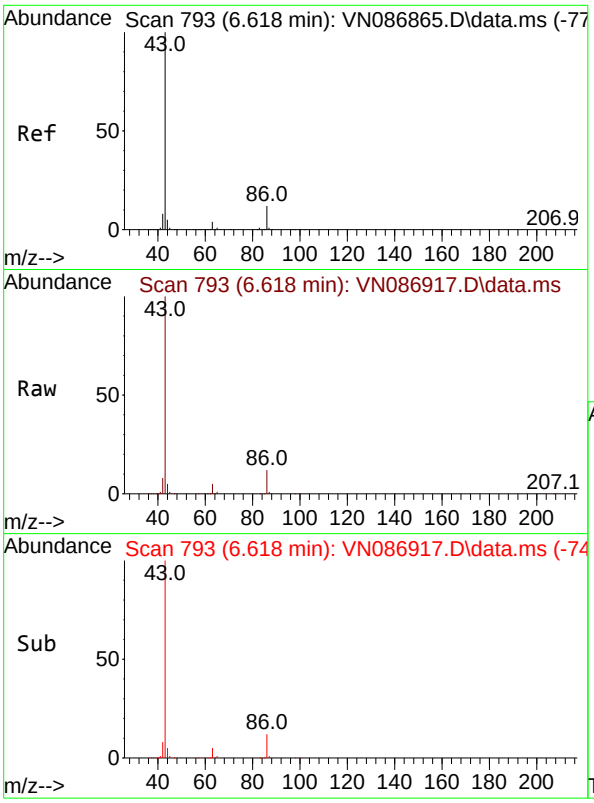


#22
Diisopropyl ether
Concen: 19.010 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 45 Resp: 170908

Ion	Ratio	Lower	Upper
45	100		
43	52.4	41.9	62.9
87	33.2	22.4	33.6
59	13.0	9.8	14.6



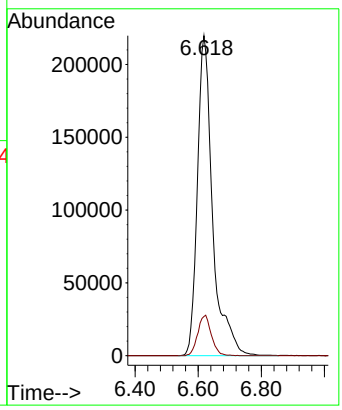


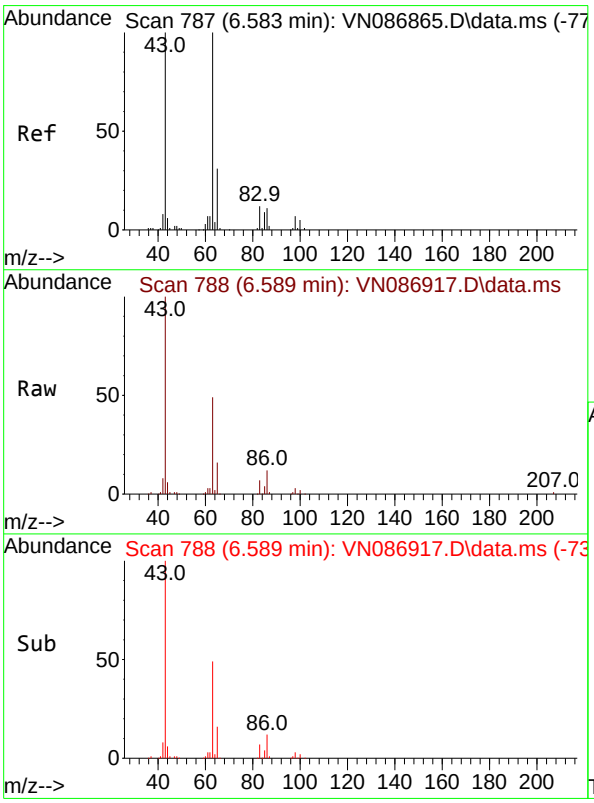
#23
Vinyl Acetate
Concen: 96.927 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 43 Resp: 736239

Ion	Ratio	Lower	Upper
43	100		
86	12.3	9.5	14.3

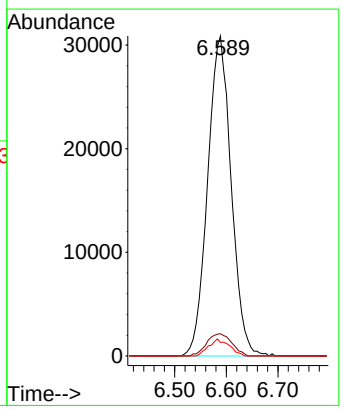


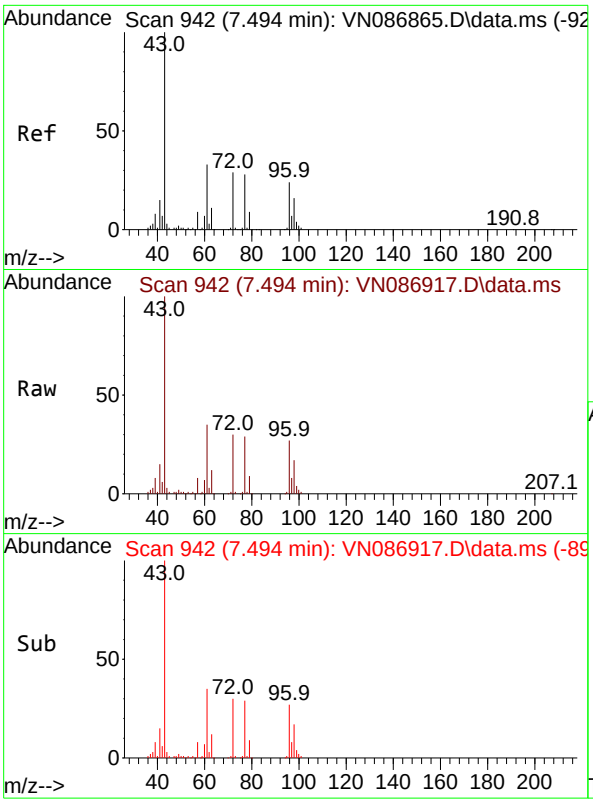


#24
1,1-Dichloroethane
Concen: 18.898 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 63 Resp: 97772

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	4.3	2.6	7.8



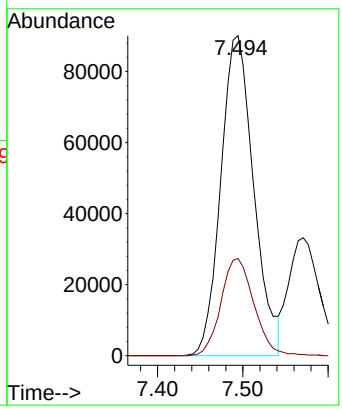


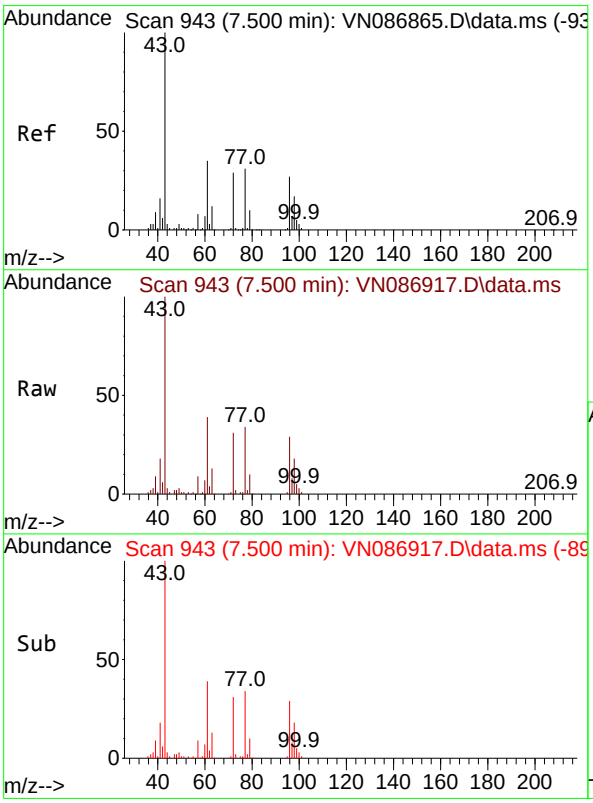
#25
2-Butanone
Concen: 90.793 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 43 Resp: 242113

Ion	Ratio	Lower	Upper
43	100		
72	30.3	23.0	34.6

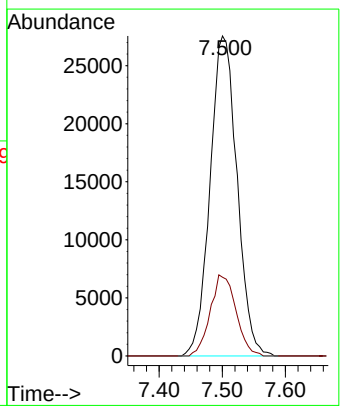


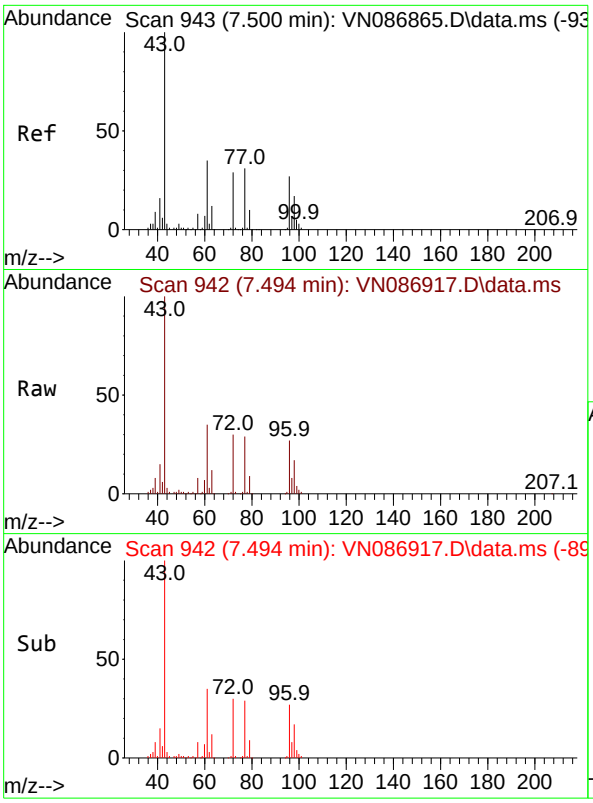


#26
2,2-Dichloropropane
Concen: 20.310 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 77 Resp: 81738

Ion	Ratio	Lower	Upper
77	100		
97	24.2	11.6	34.7



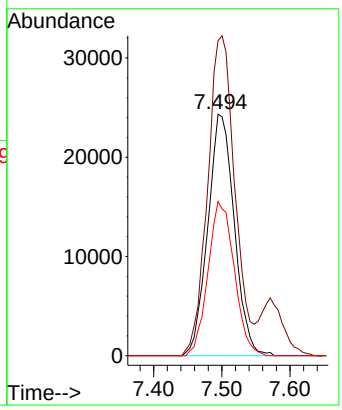


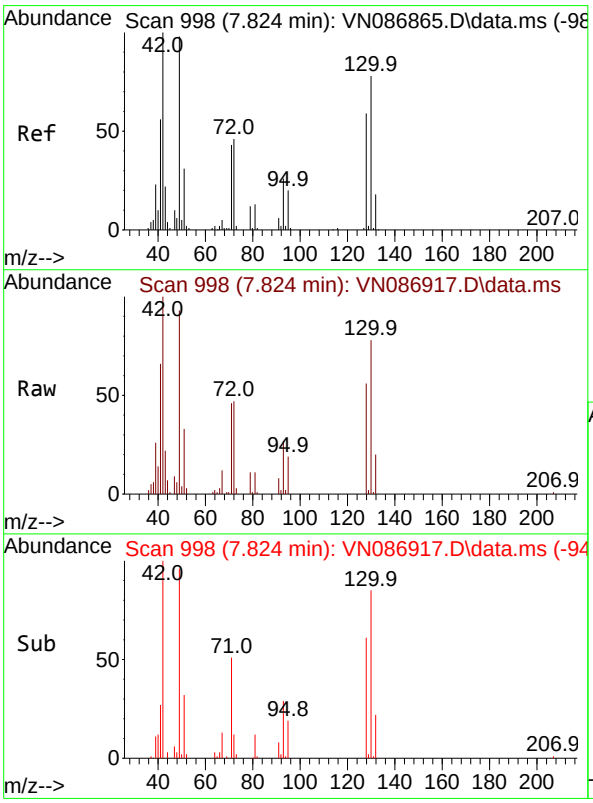
#27
cis-1,2-Dichloroethene
Concen: 19.234 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 96 Resp: 65817

Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	278.0
98	63.3	0.0	128.2

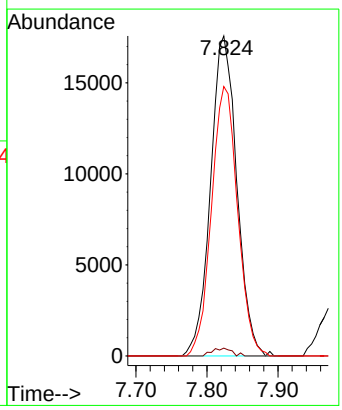


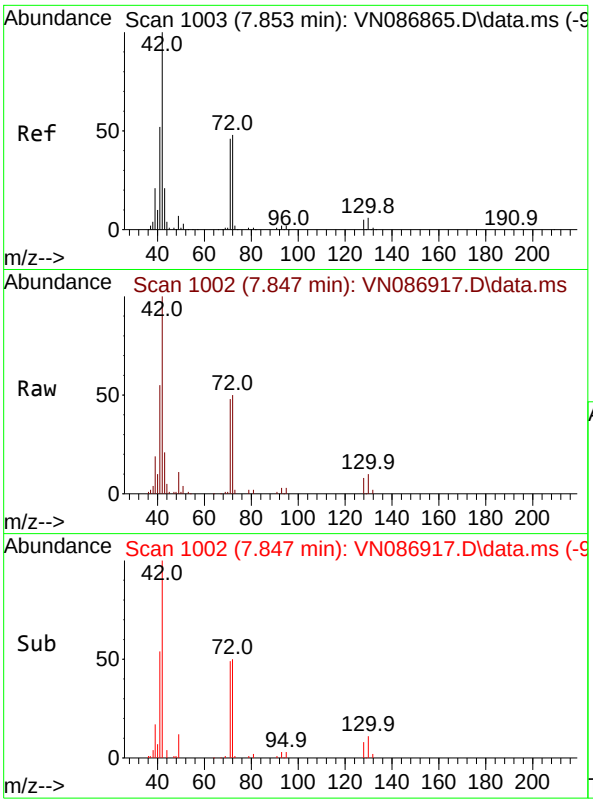


#28
Bromochloromethane
Concen: 17.749 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 49 Resp: 45149

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	83.7	62.2	93.2



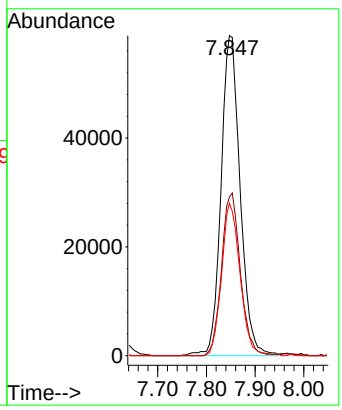


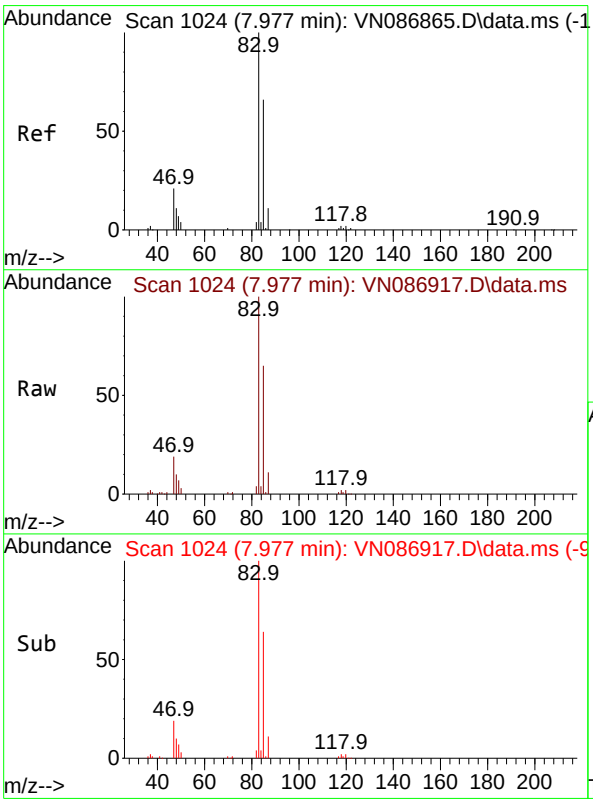
#29
Tetrahydrofuran
Concen: 92.453 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 42 Resp: 160602

Ion	Ratio	Lower	Upper
42	100		
72	50.0	37.8	56.6
71	46.0	35.6	53.4

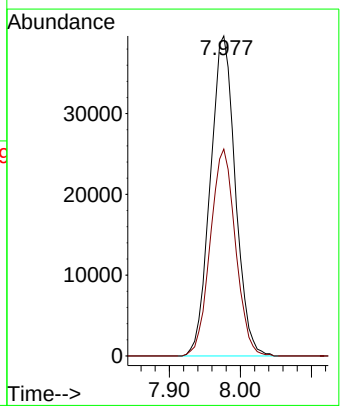


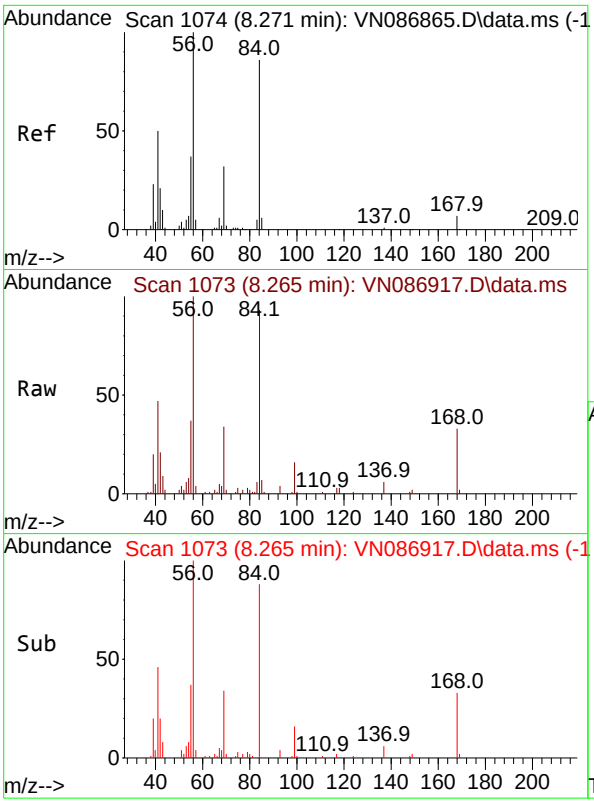


#30
Chloroform
Concen: 18.745 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 83 Resp: 96850

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.9	79.3



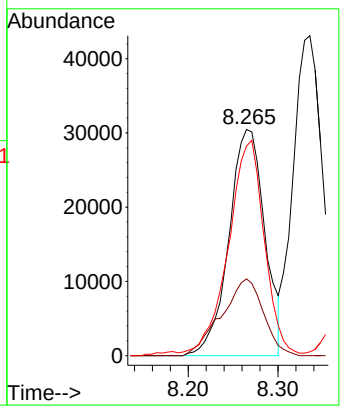


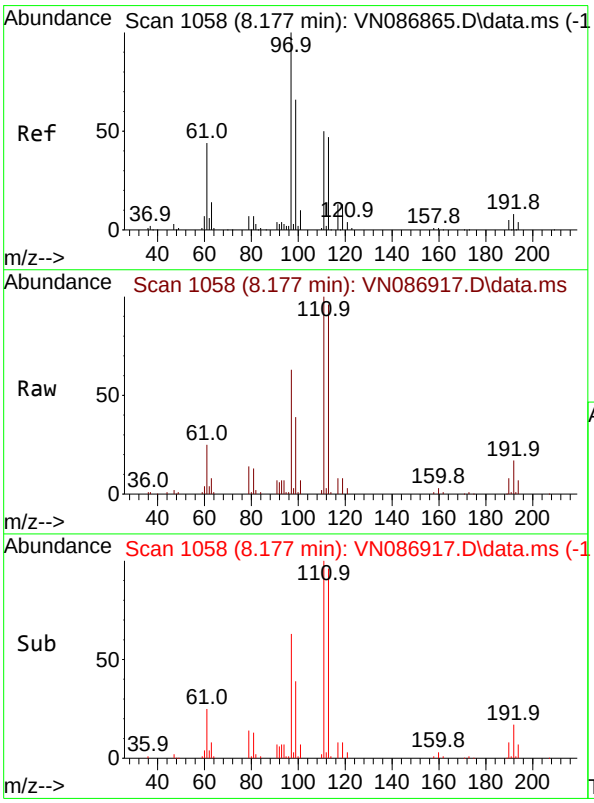
#31
Cyclohexane
Concen: 16.883 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 56 Resp: 84710

Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.4	38.0
84	91.3	68.8	103.2

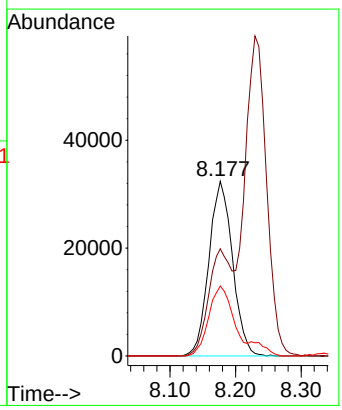


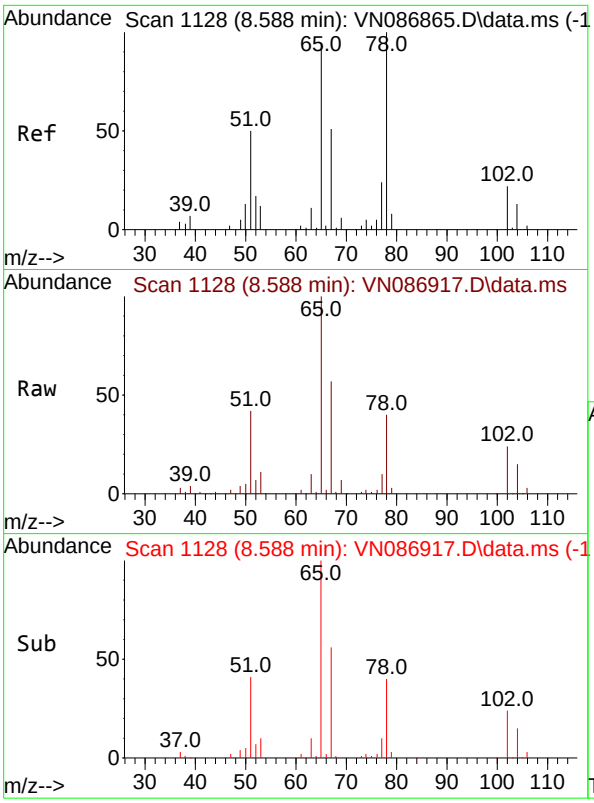


#32
1,1,1-Trichloroethane
Concen: 18.422 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 97 Resp: 80954

Ion	Ratio	Lower	Upper
97	100		
99	57.3	52.0	78.0
61	41.6	35.9	53.9



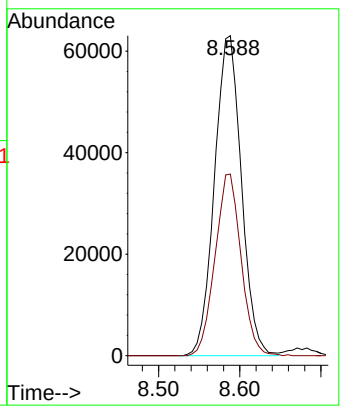


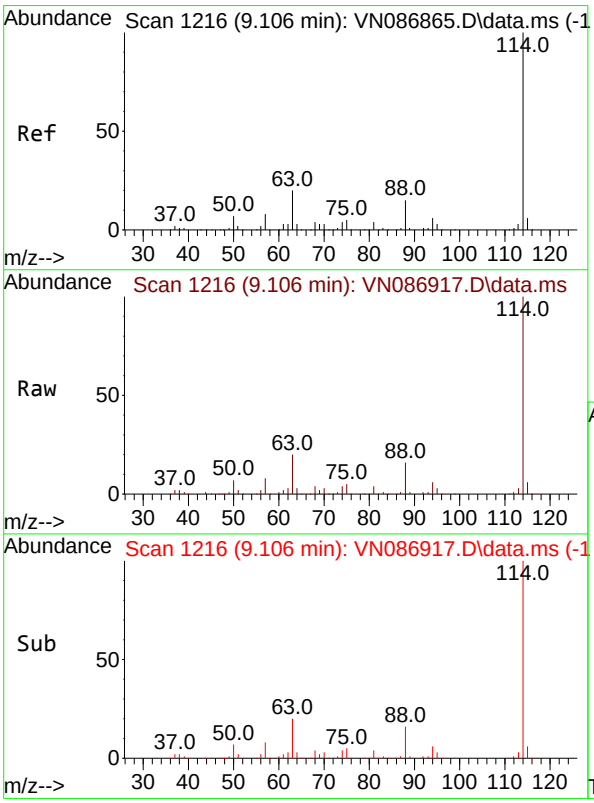
#33
1,2-Dichloroethane-d4
Concen: 46.947 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 65 Resp: 145233

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	105.6

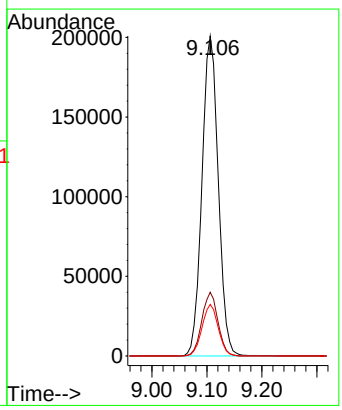


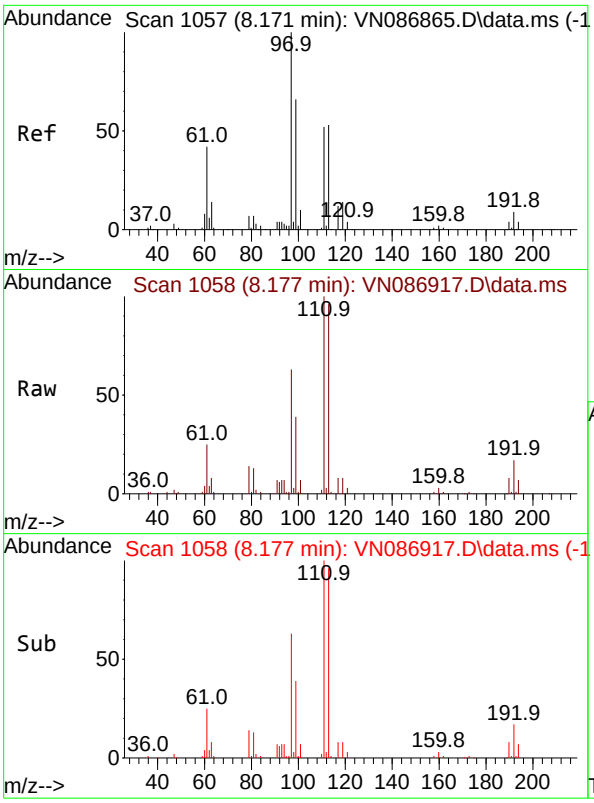


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:114 Resp: 413772

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	16.1	0.0	30.2



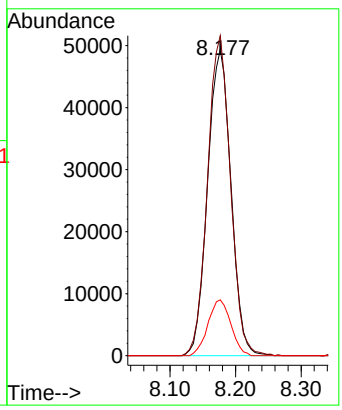


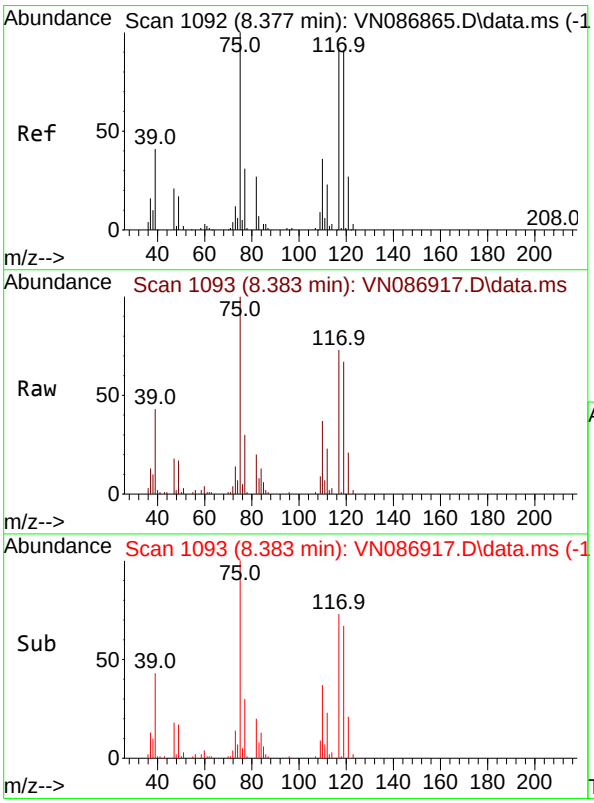
#35
Dibromofluoromethane
Concen: 49.752 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:113 Resp: 121998

Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.2	126.2
192	17.9	14.2	21.4

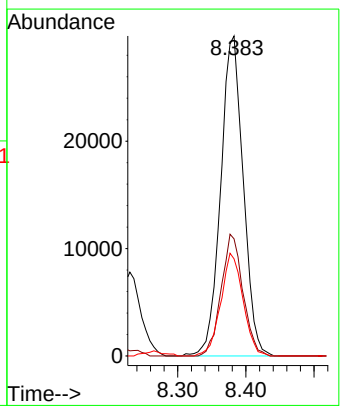


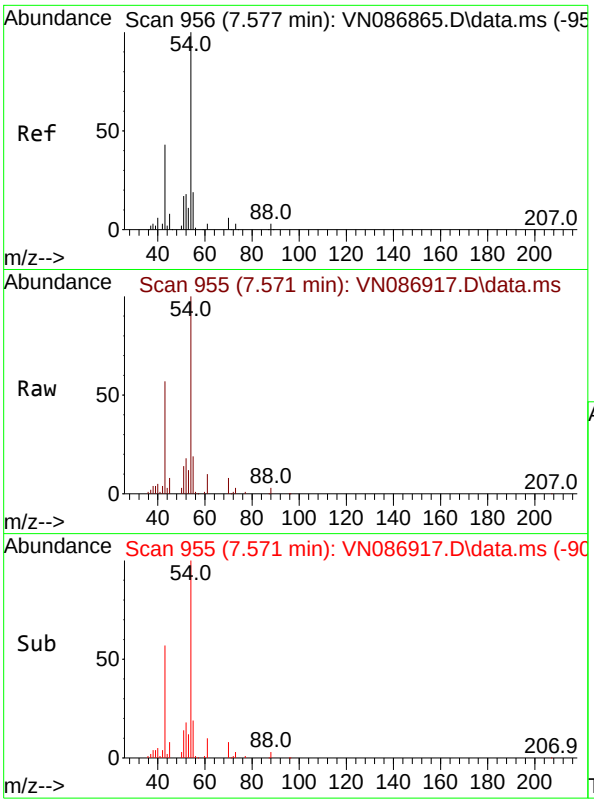


#36
1,1-Dichloropropene
Concen: 18.806 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 75 Resp: 68715

Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.6	52.9
77	31.6	25.3	37.9



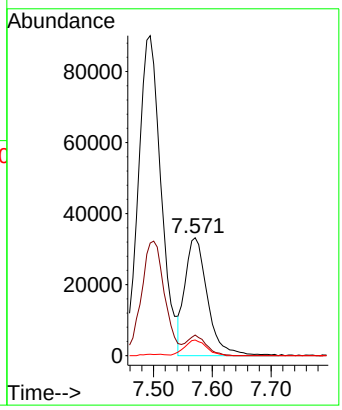


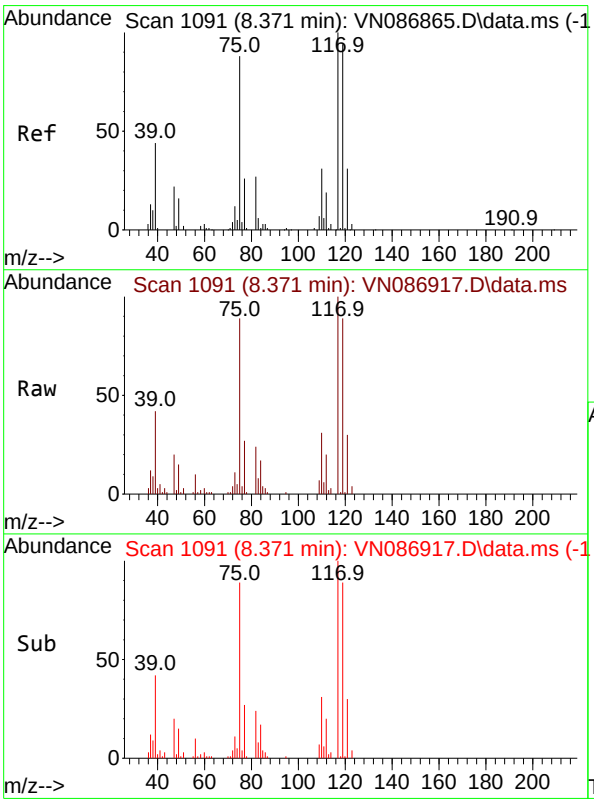
#37
Ethyl Acetate
Concen: 18.986 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 43 Resp: 88311

Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	12.8	9.8	14.6

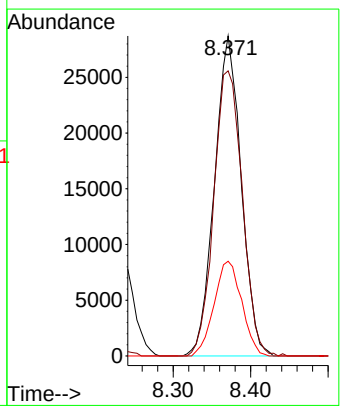


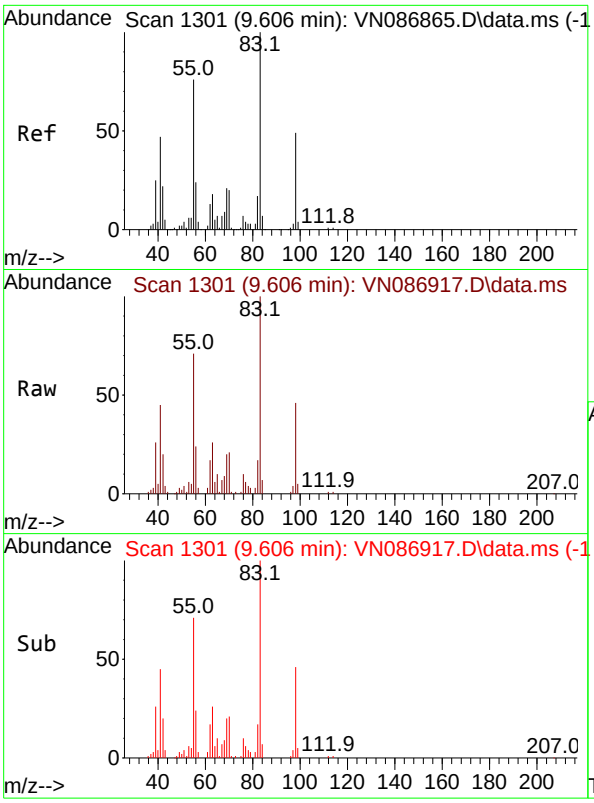


#38
Carbon Tetrachloride
Concen: 19.166 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:117 Resp: 68754

Ion	Ratio	Lower	Upper
117	100		
119	89.1	75.0	112.6
121	29.6	24.9	37.3



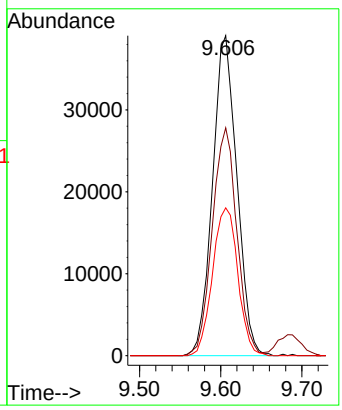


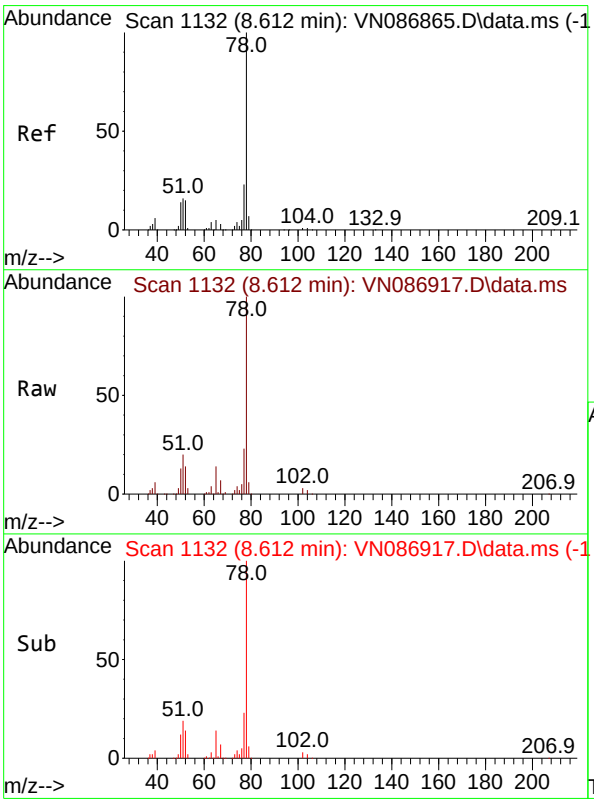
#39
Methylcyclohexane
Concen: 16.281 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 83 Resp: 81502

Ion	Ratio	Lower	Upper
83	100		
55	71.2	61.0	91.6
98	46.2	38.9	58.3

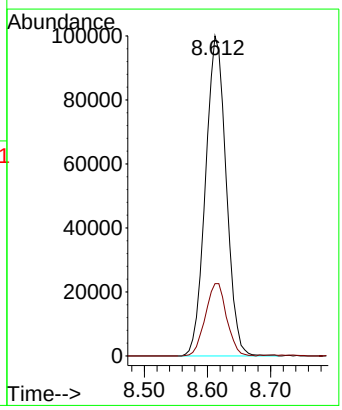


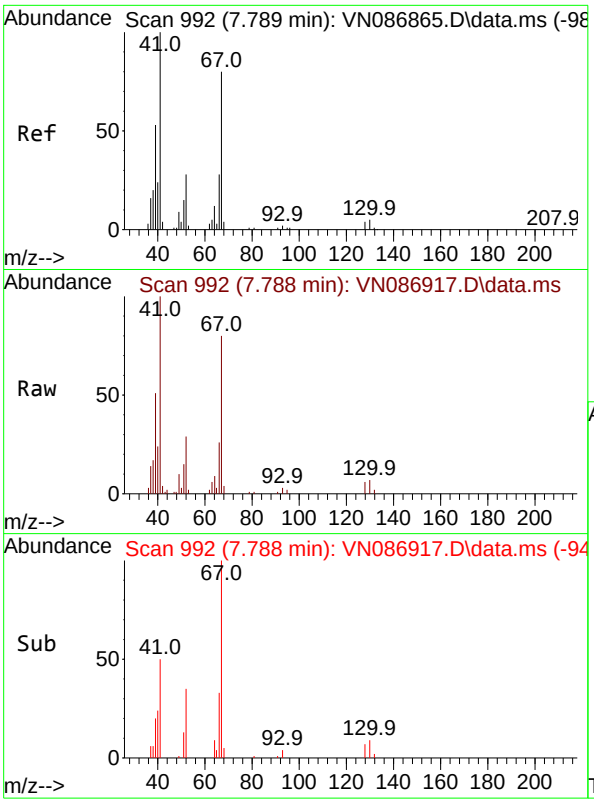


#40
Benzene
Concen: 19.031 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 78 Resp: 227384

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.7	28.1



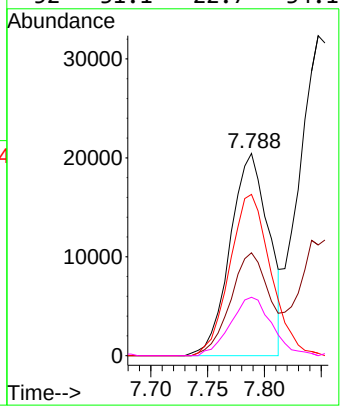


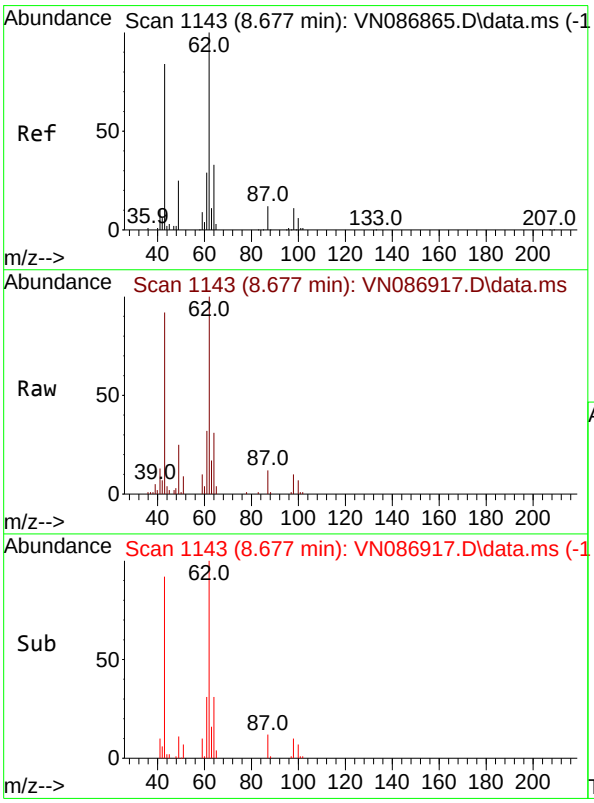
#41
Methacrylonitrile
Concen: 18.474 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 41 Resp: 48259

Ion	Ratio	Lower	Upper
41	100		
39	50.6	41.2	61.8
67	85.0	61.4	92.2
52	31.1	22.7	34.1

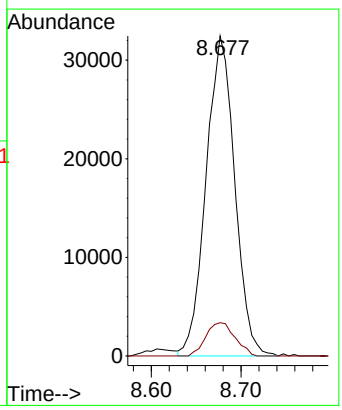


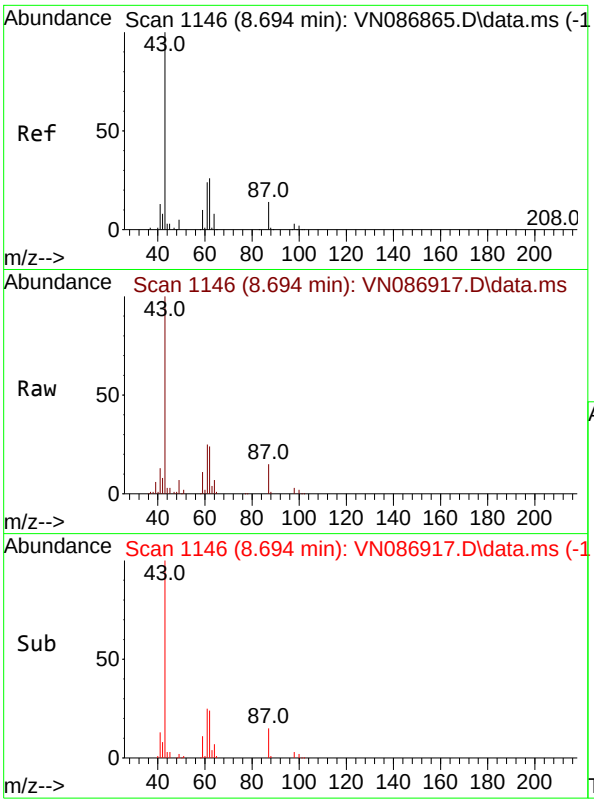


#42
1,2-Dichloroethane
Concen: 19.875 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 62 Resp: 72029

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2



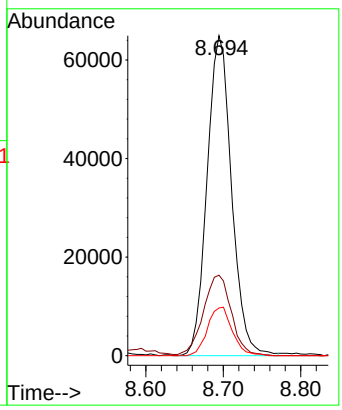


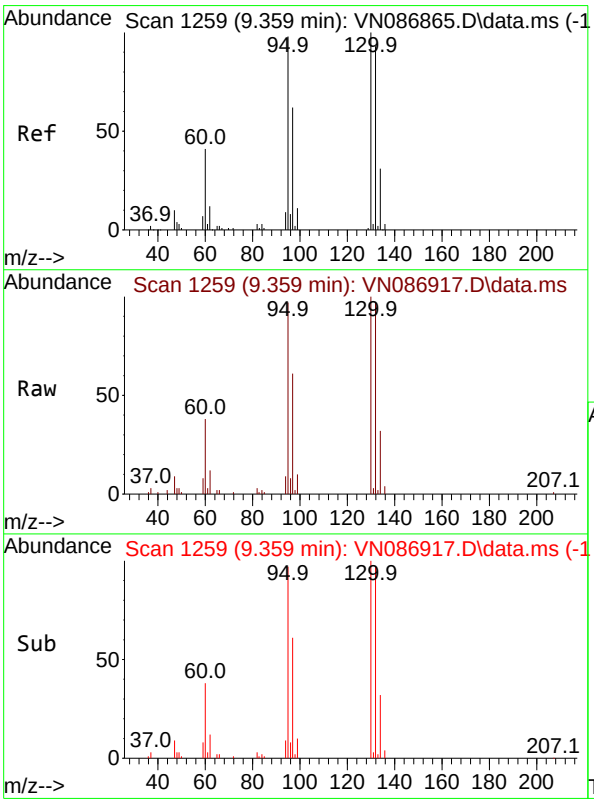
#43
Isopropyl Acetate
Concen: 19.126 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 43 Resp: 142783

Ion	Ratio	Lower	Upper
43	100		
61	28.7	22.1	33.1
87	15.3	11.8	17.6

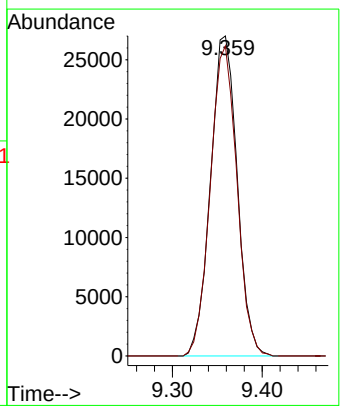


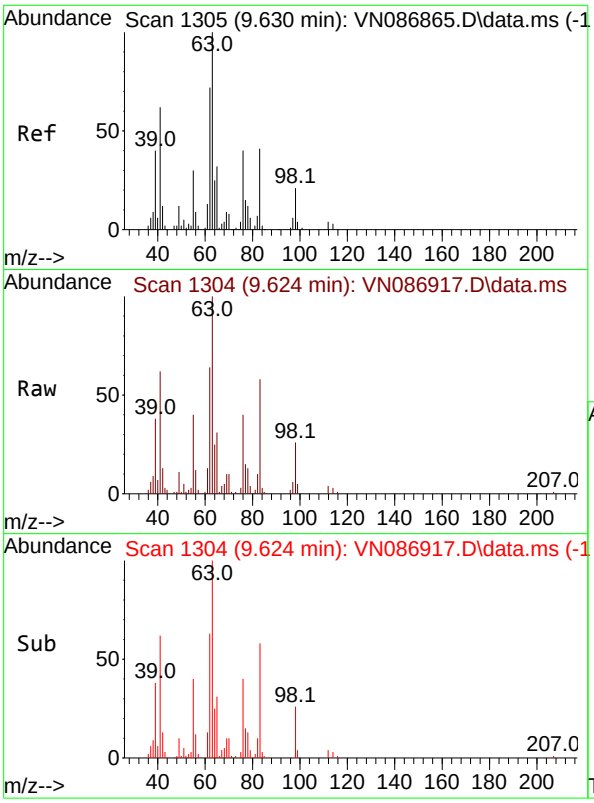


#44
Trichloroethene
Concen: 19.670 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:130 Resp: 55729

Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	196.2



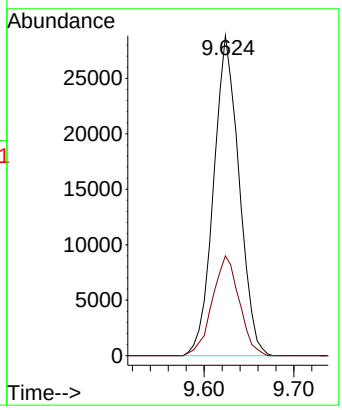


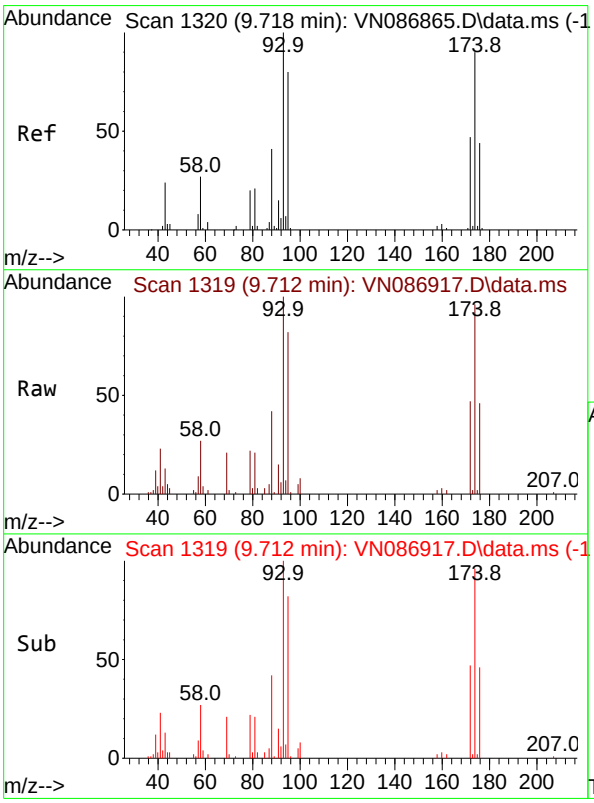
#45
1,2-Dichloropropane
Concen: 19.547 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 63 Resp: 56820

Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.5	38.3

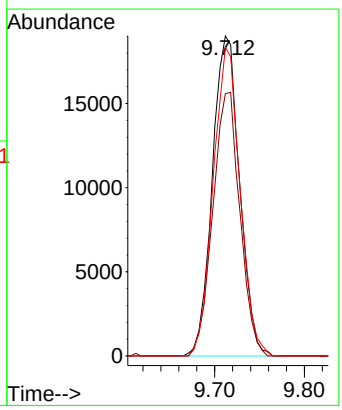


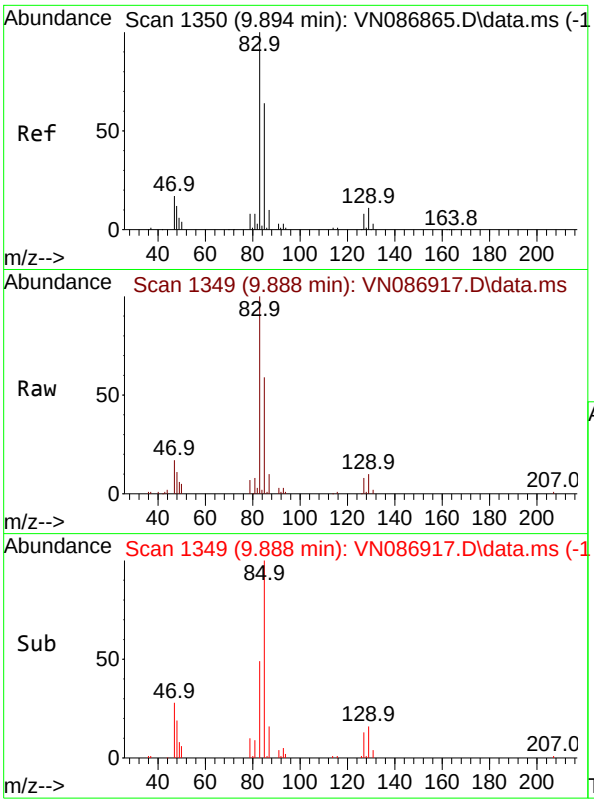


#46
Dibromomethane
Concen: 20.706 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 93 Resp: 39978

Ion	Ratio	Lower	Upper
93	100		
95	82.0	67.1	100.7
174	95.1	74.2	111.4



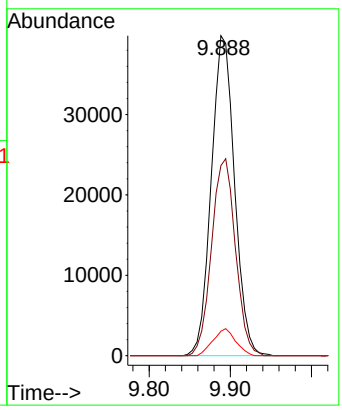


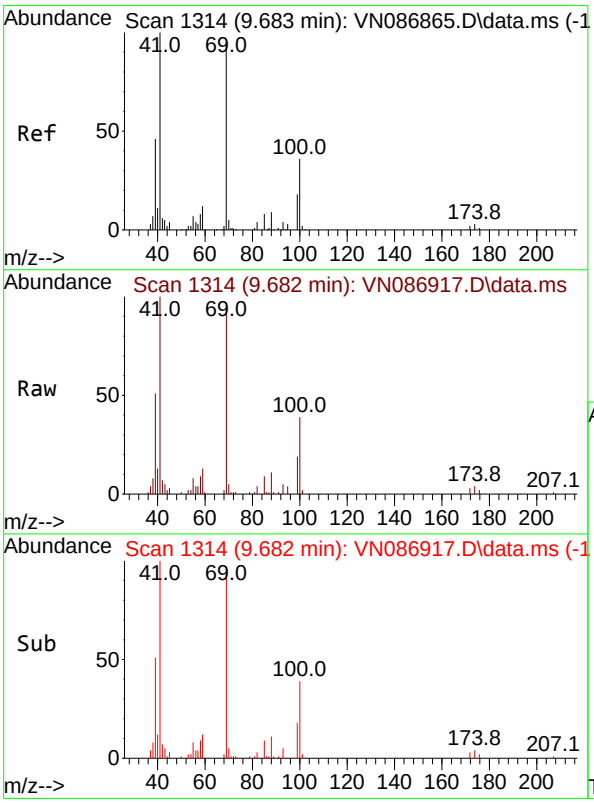
#47
Bromodichloromethane
Concen: 19.966 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 83 Resp: 79316

Ion	Ratio	Lower	Upper
83	100		
85	59.4	50.9	76.3
127	7.7	6.6	10.0

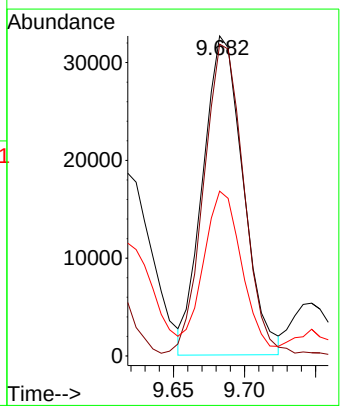


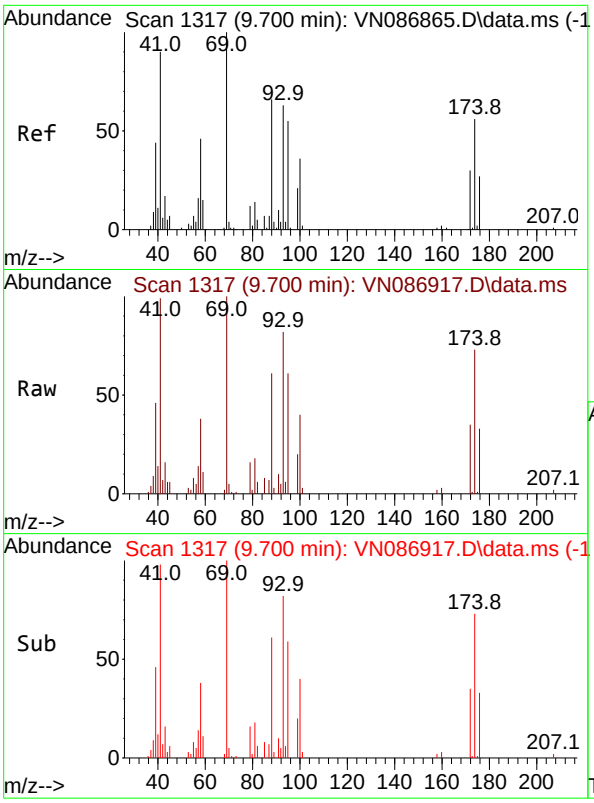


#48
Methyl methacrylate
Concen: 18.727 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 41 Resp: 64349

Ion	Ratio	Lower	Upper
41	100		
69	97.1	74.6	112.0
39	50.8	40.2	60.4



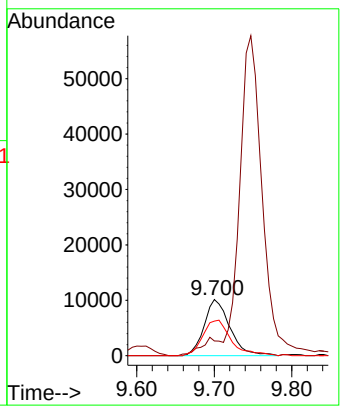


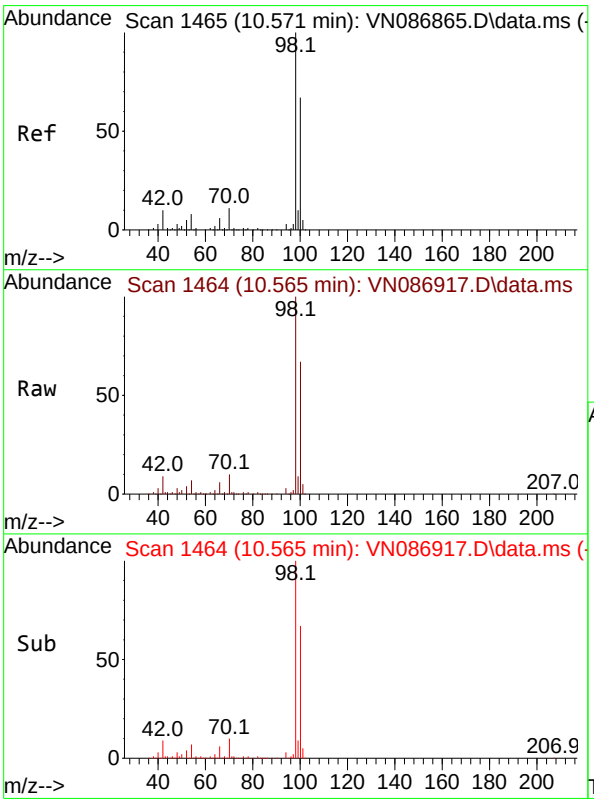
#49
1,4-Dioxane
Concen: 373.296 ug/l
RT: 9.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 88 Resp: 23335

Ion	Ratio	Lower	Upper
88	100		
43	22.2	0.0	0.0#
58	69.5	57.7	86.5

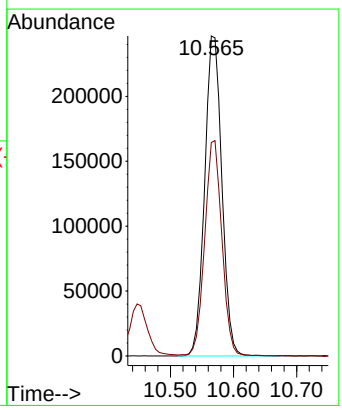


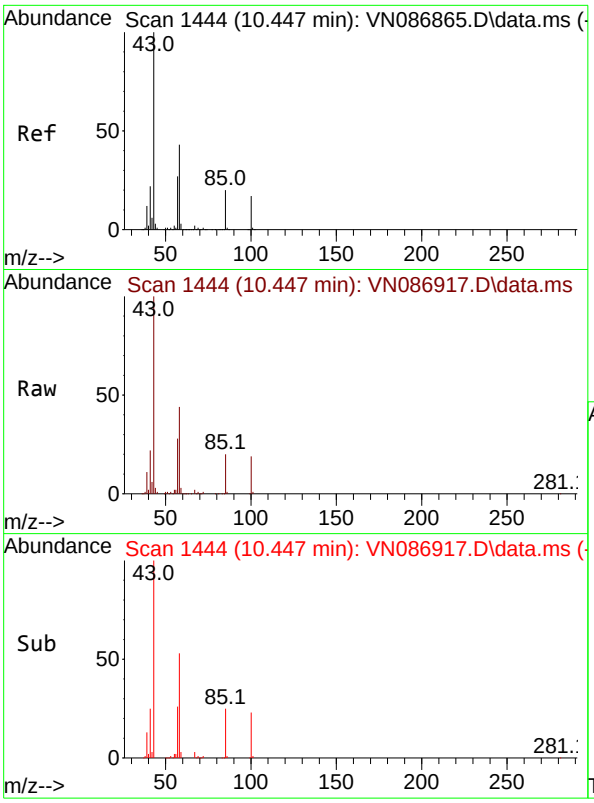


#50
Toluene-d8
Concen: 48.056 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 98 Resp: 466490

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.0



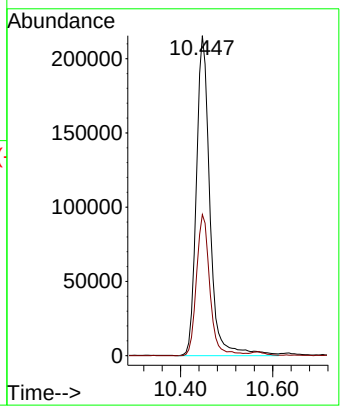


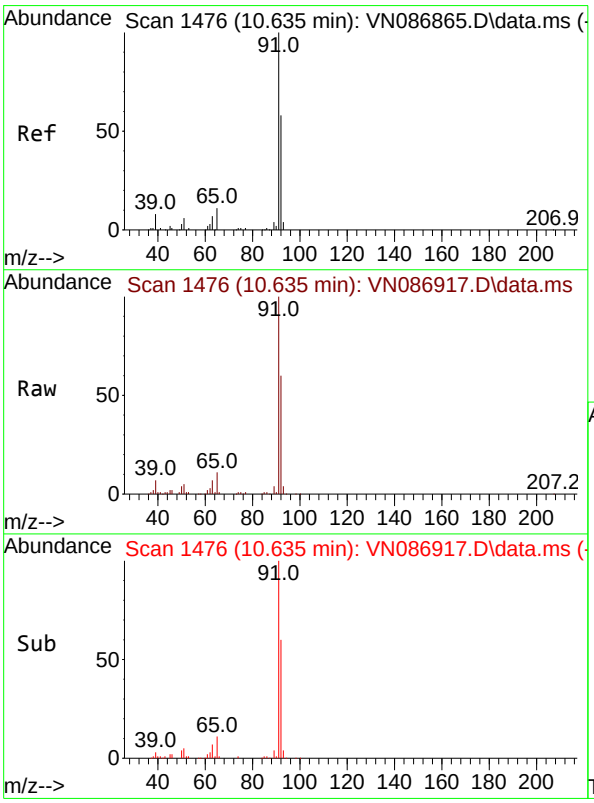
#51
4-Methyl-2-Pentanone
Concen: 98.299 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 43 Resp: 441787

Ion	Ratio	Lower	Upper
43	100		
58	43.4	34.2	51.4

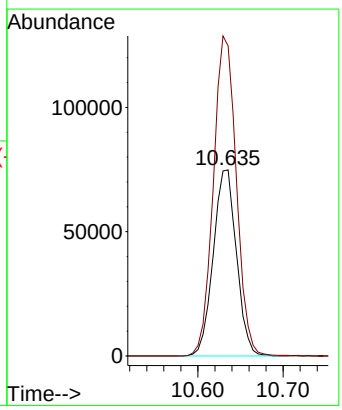


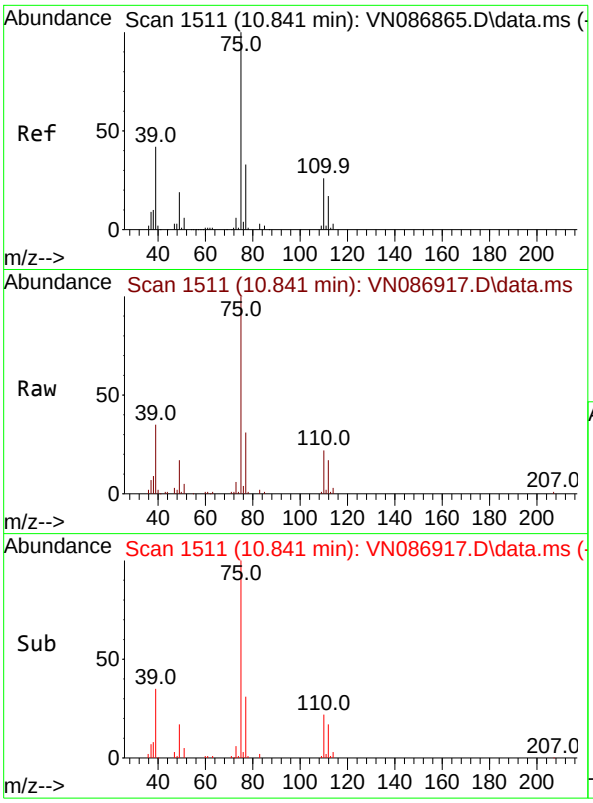


#52
Toluene
Concen: 19.407 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 92 Resp: 141711

Ion	Ratio	Lower	Upper
92	100		
91	170.5	136.5	204.7



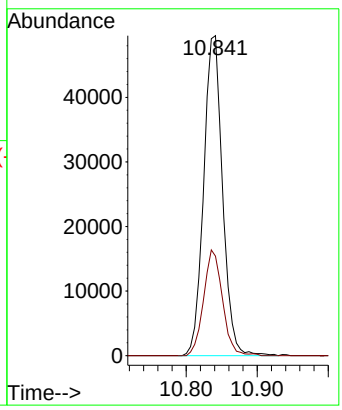


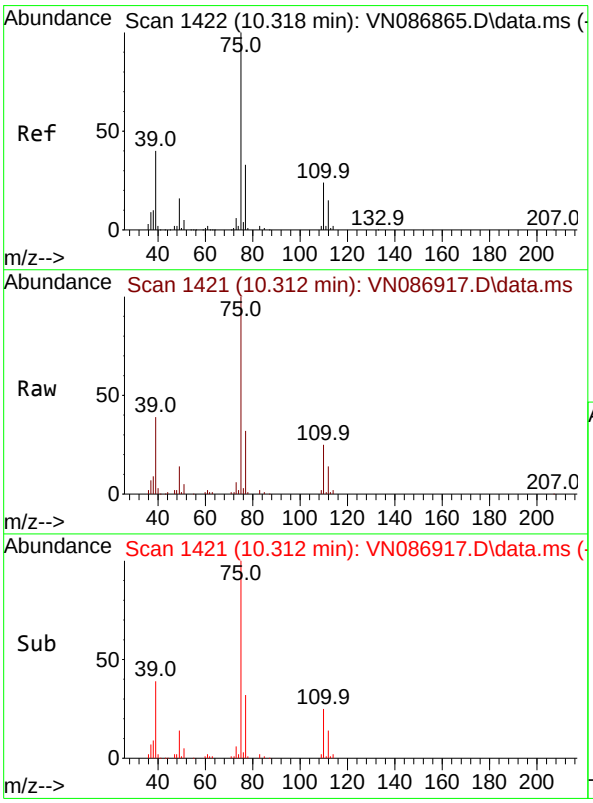
#53
t-1,3-Dichloropropene
Concen: 20.640 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 75 Resp: 91686

Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.4	39.6

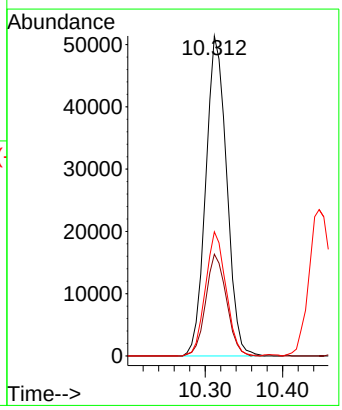


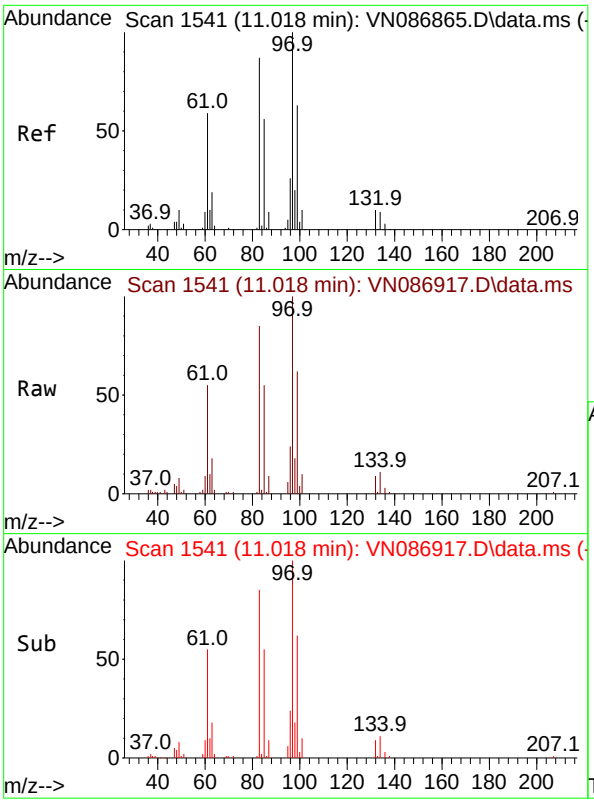


#54
cis-1,3-Dichloropropene
Concen: 20.283 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 75 Resp: 96403

Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.2	39.4
39	38.5	32.3	48.5



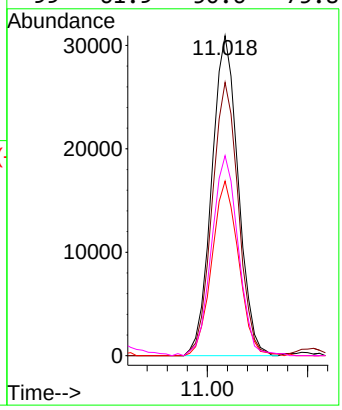


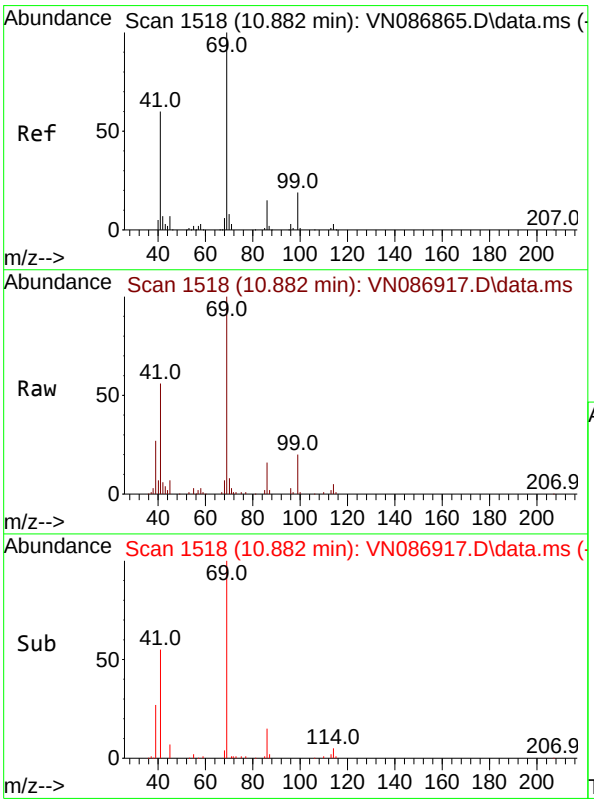
#55
1,1,2-Trichloroethane
Concen: 20.180 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 97 Resp: 56698

Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.7	104.5
85	54.6	45.1	67.7
99	61.9	50.6	75.8

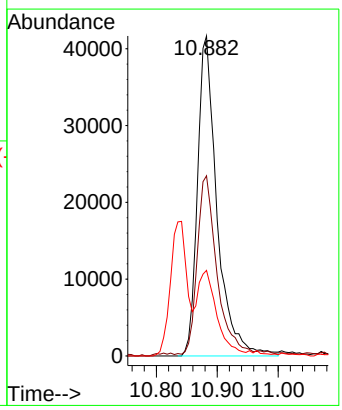


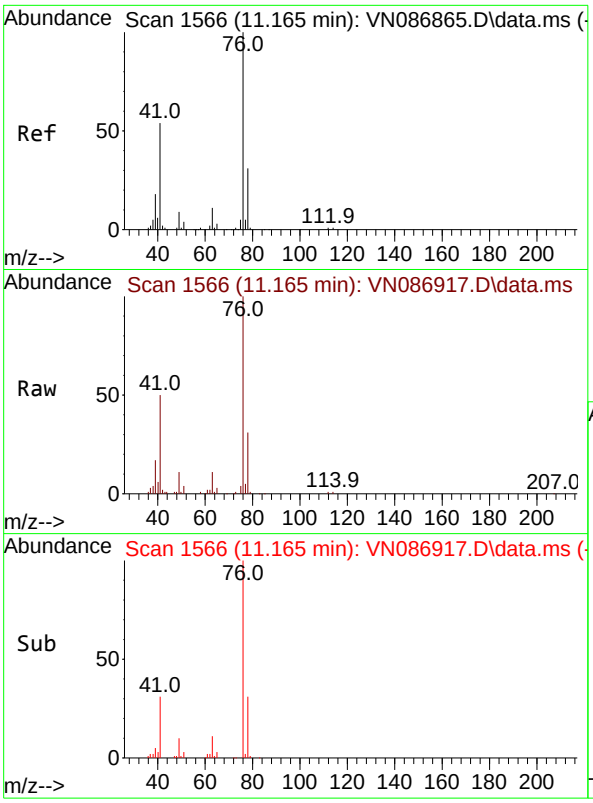


#56
Ethyl methacrylate
Concen: 20.688 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 69 Resp: 92581

Ion	Ratio	Lower	Upper
69	100		
41	56.1	47.2	70.8
39	25.2	23.0	34.6



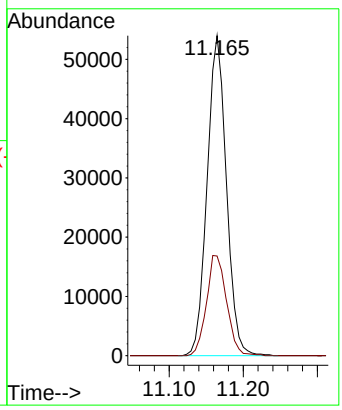


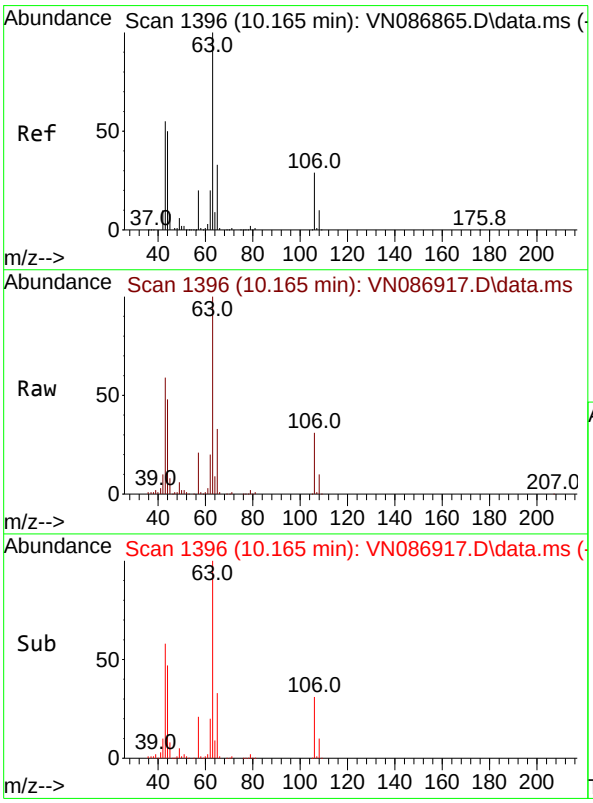
#57
1,3-Dichloropropane
Concen: 20.022 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 76 Resp: 97585

Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.3	37.9

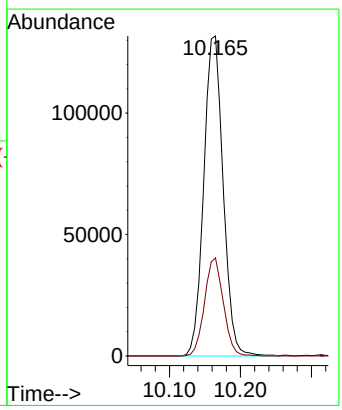


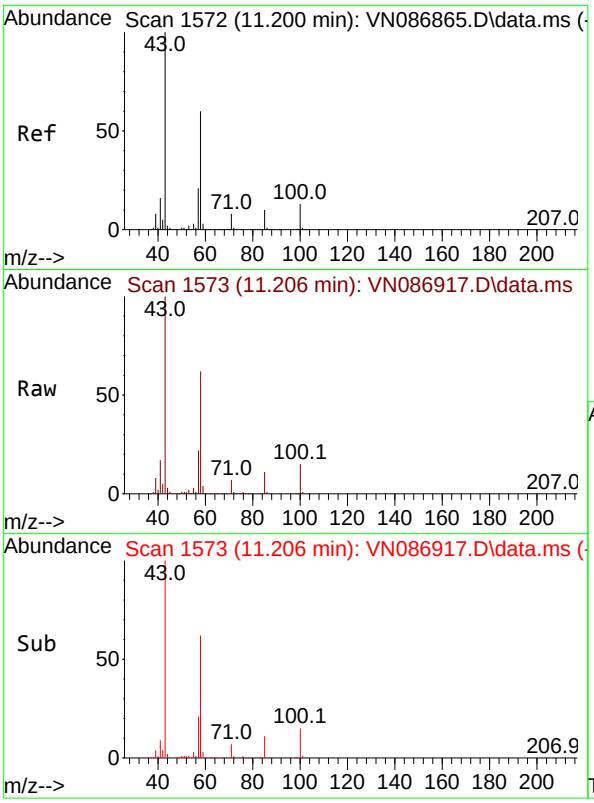


#58
2-Chloroethyl Vinyl ether
Concen: 93.704 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 63 Resp: 250113

Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.0	34.6



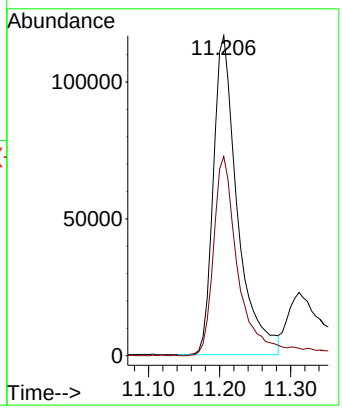


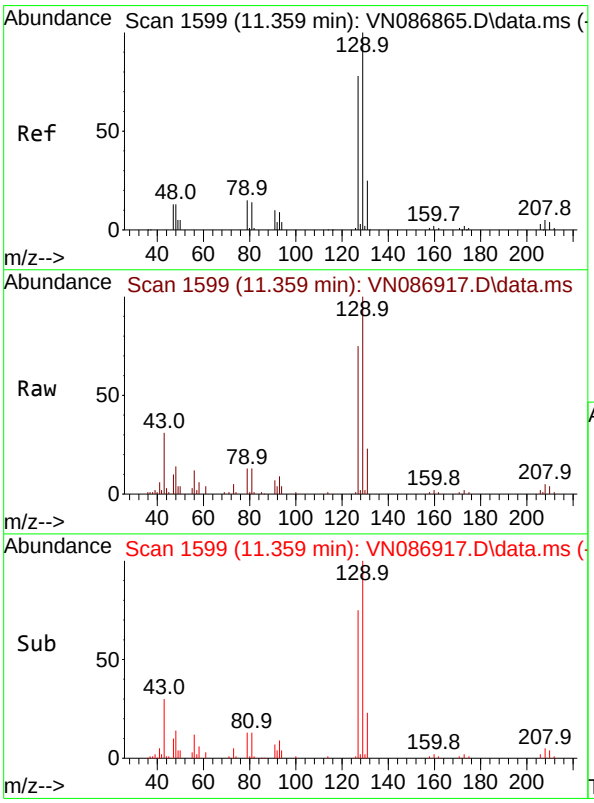
#59
2-Hexanone
Concen: 94.857 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 43 Resp: 274607

Ion	Ratio	Lower	Upper
43	100		
58	62.8	30.4	91.3

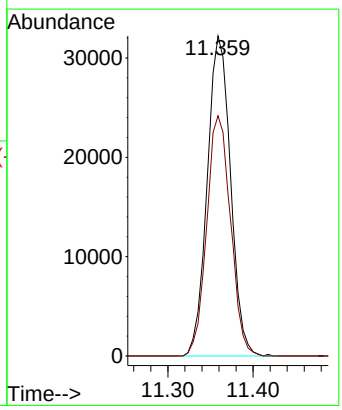


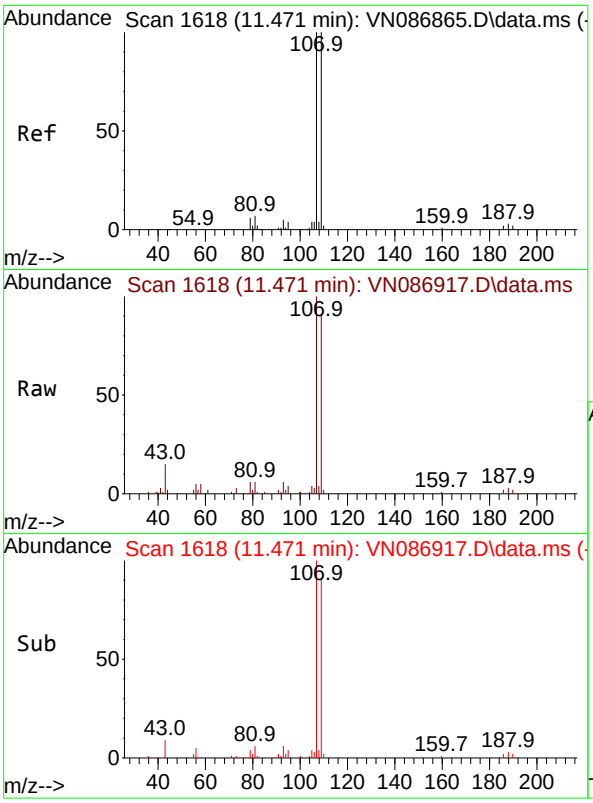


#60
Dibromochloromethane
Concen: 20.915 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:129 Resp: 61225

Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.6	115.8



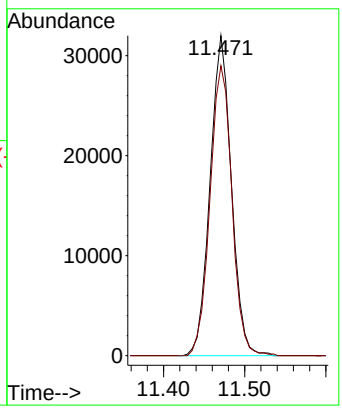


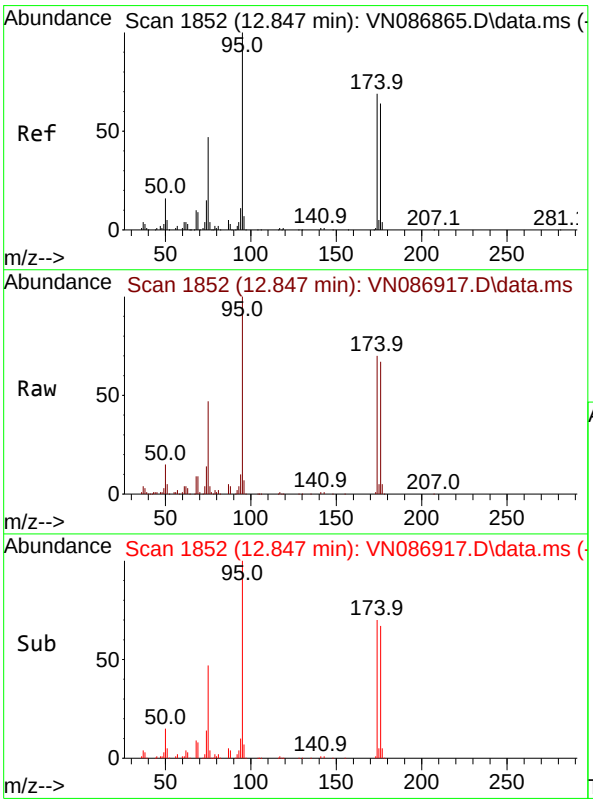
#61
1,2-Dibromoethane
Concen: 20.276 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:107 Resp: 58392

Ion	Ratio	Lower	Upper
107	100		
109	93.0	76.3	114.5

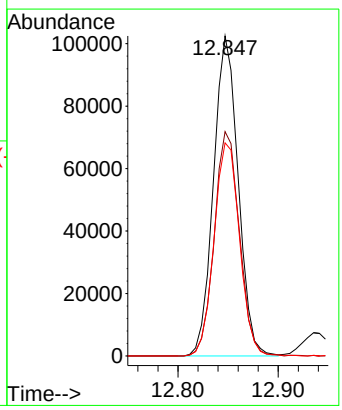


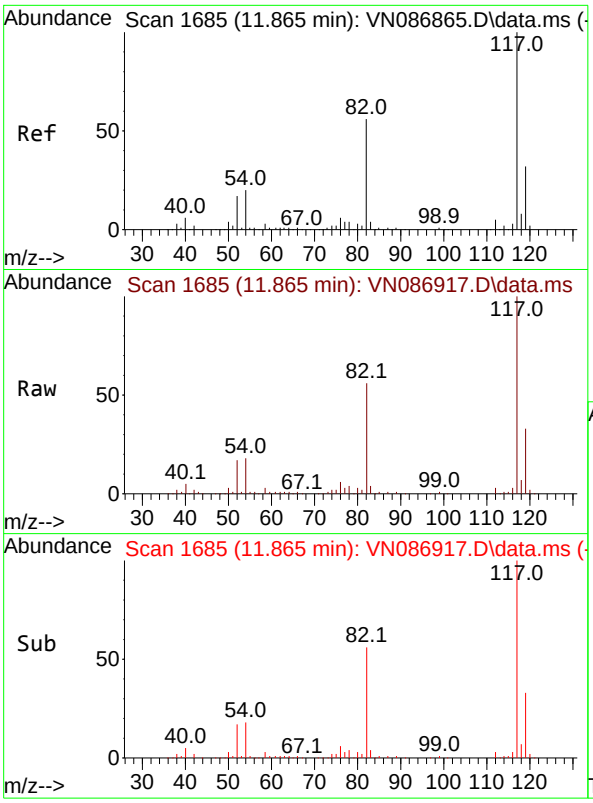


#62
4-Bromofluorobenzene
Concen: 48.568 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 95 Resp: 175162

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	141.8
176	68.9	0.0	132.6



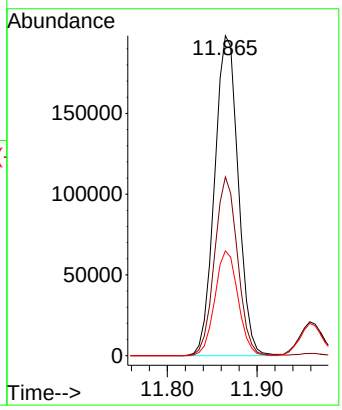


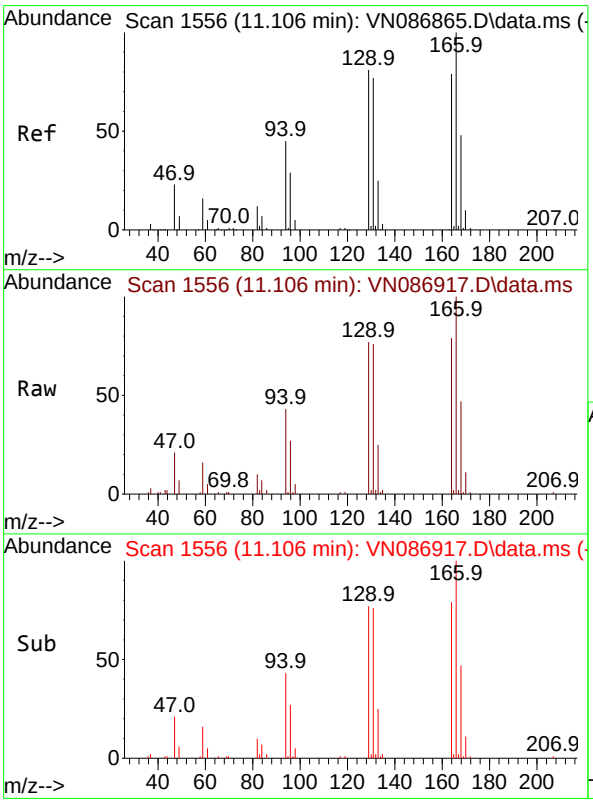
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:117 Resp: 362257

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.6	67.0
119	32.7	25.5	38.3

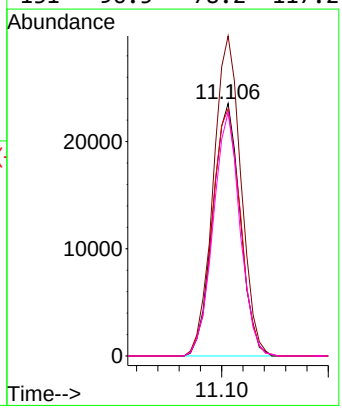


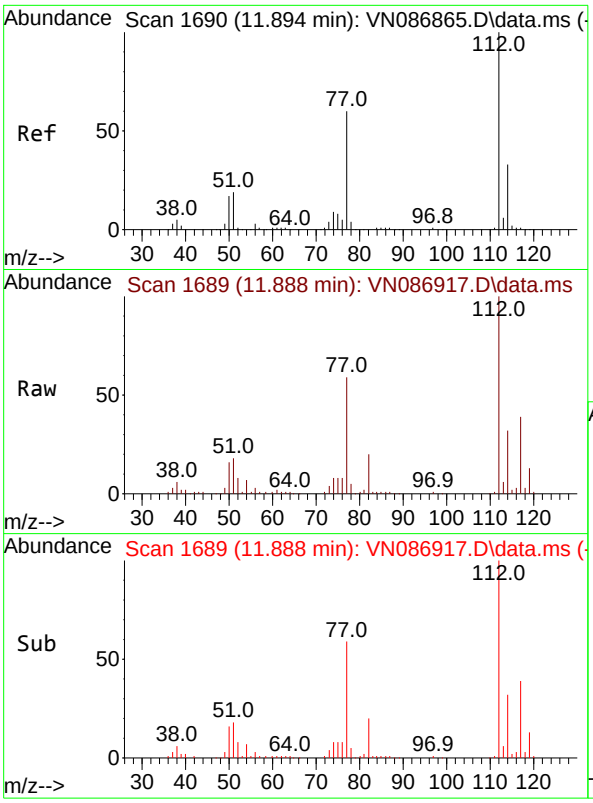


#64
Tetrachloroethene
Concen: 18.394 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:164 Resp: 42169

Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.8	152.8
129	97.8	83.0	124.4
131	96.5	78.2	117.2



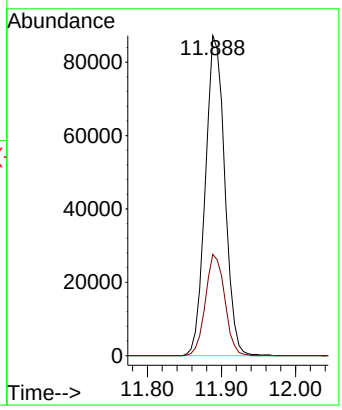


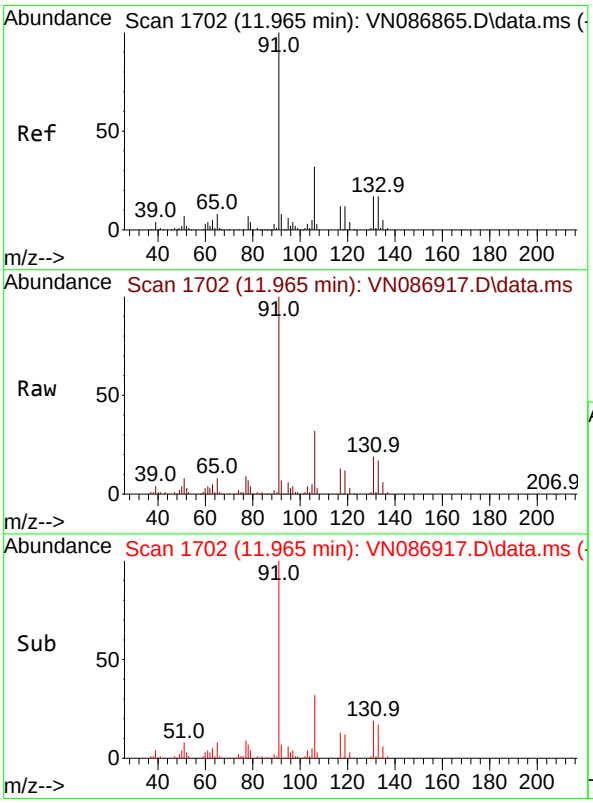
#65
Chlorobenzene
Concen: 19.817 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:112 Resp: 158329

Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.2	39.2

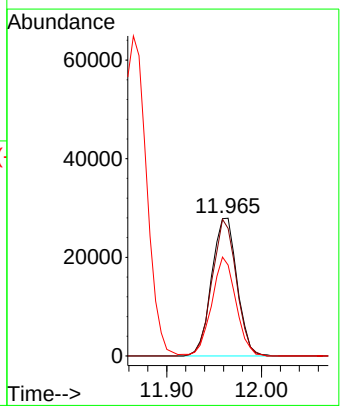


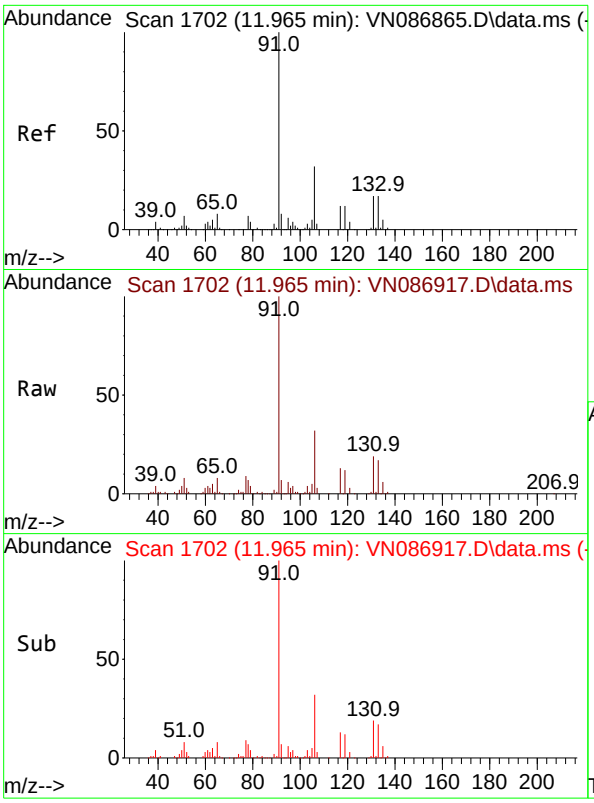


#66
1,1,1,2-Tetrachloroethane
Concen: 20.282 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:131 Resp: 52090

Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.3	144.8
119	68.0	34.0	101.8



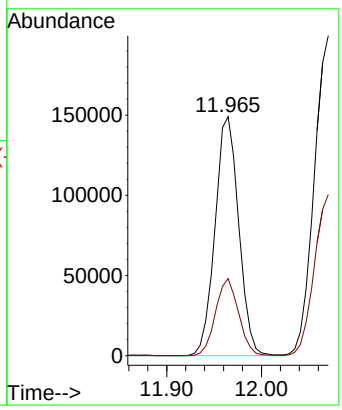


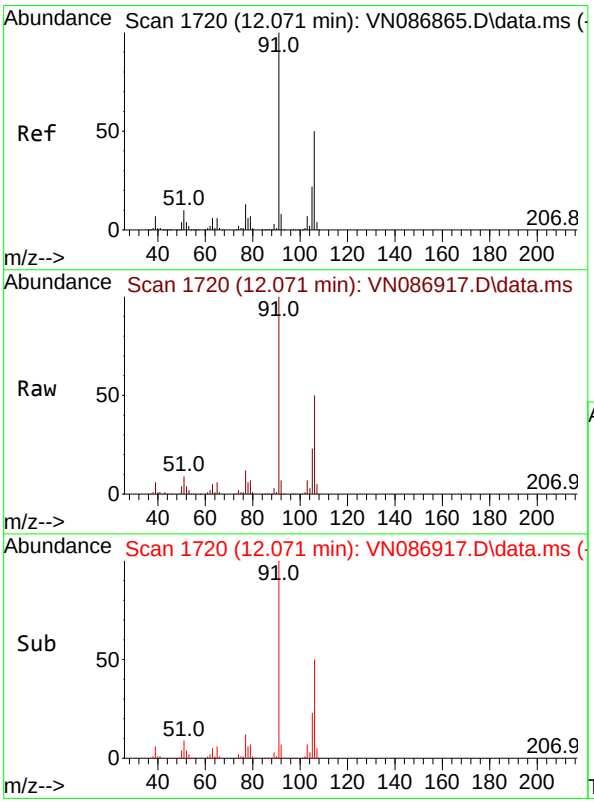
#67
Ethyl Benzene
Concen: 18.785 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 91 Resp: 258528

Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.4	38.2

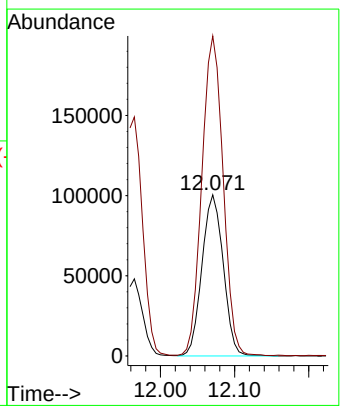


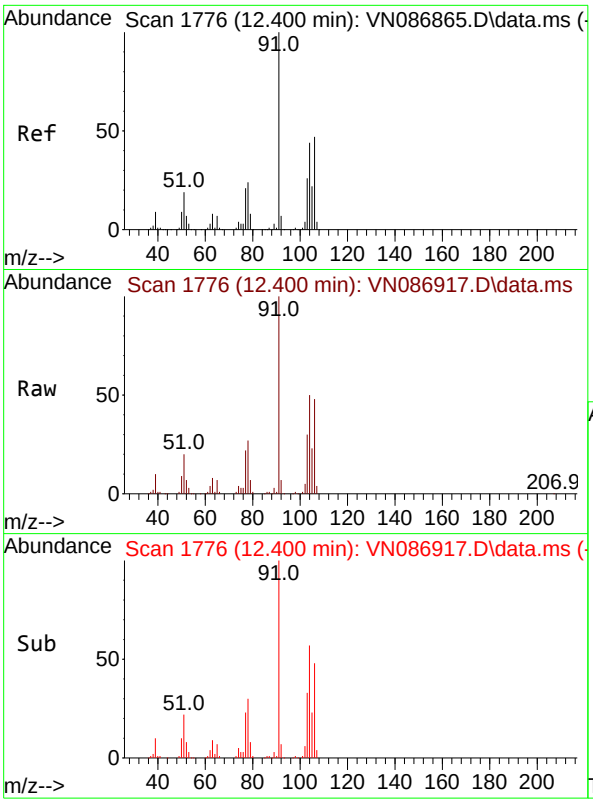


#68
m/p-Xylenes
Concen: 38.028 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:106 Resp: 200337

Ion	Ratio	Lower	Upper
106	100		
91	198.0	159.4	239.0



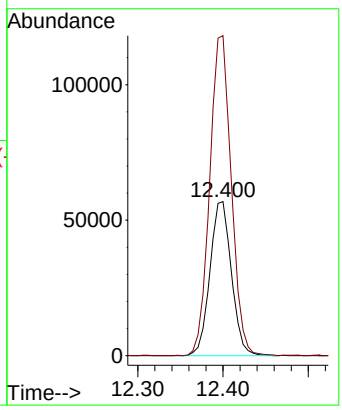


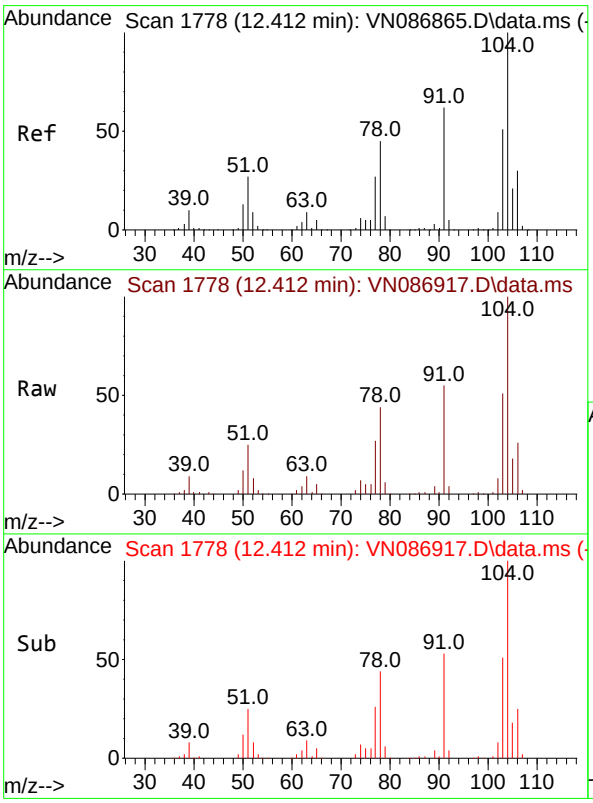
#69
o-Xylene
Concen: 19.710 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:106 Resp: 99445

Ion	Ratio	Lower	Upper
106	100		
91	209.0	106.1	318.1

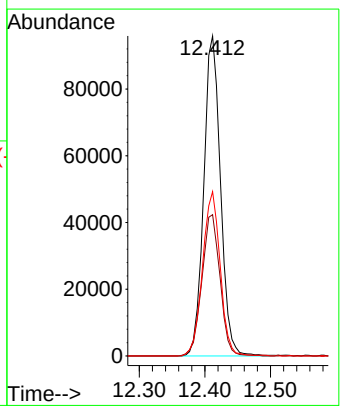


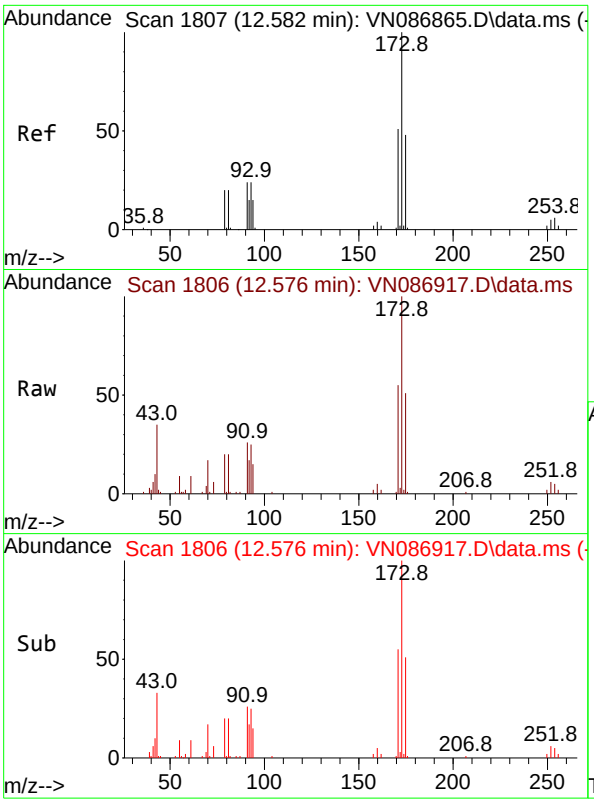


#70
Styrene
Concen: 19.797 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:104 Resp: 170919

Ion	Ratio	Lower	Upper
104	100		
78	47.7	38.5	57.7
103	54.1	43.1	64.7



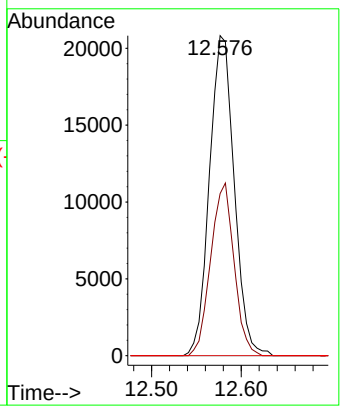


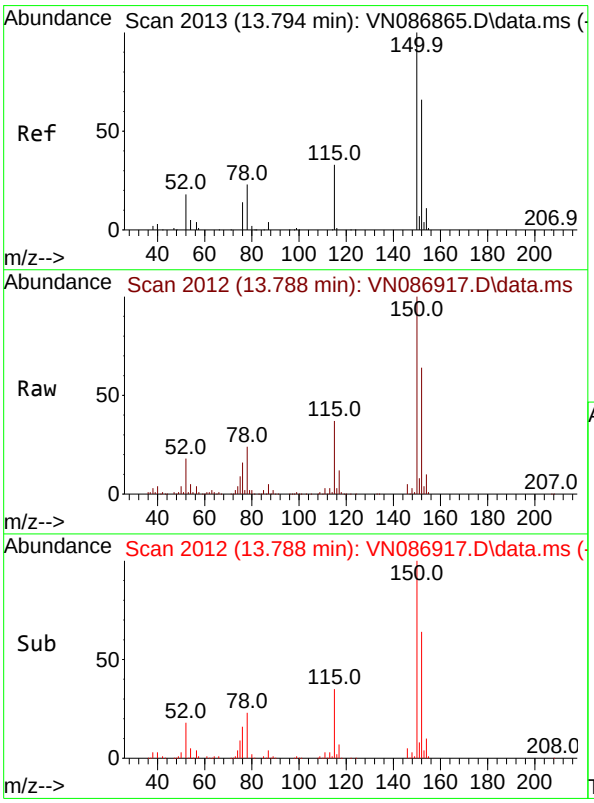
#71
Bromoform
Concen: 20.953 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:173 Resp: 39872

Ion	Ratio	Lower	Upper
173	100		
175	50.9	24.1	72.4
254	0.0	0.0	0.0

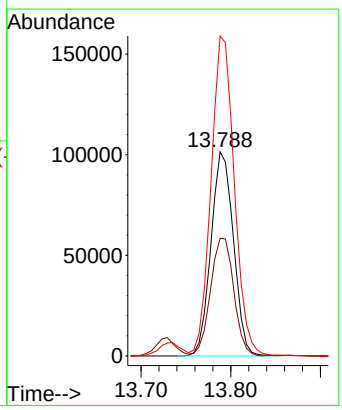


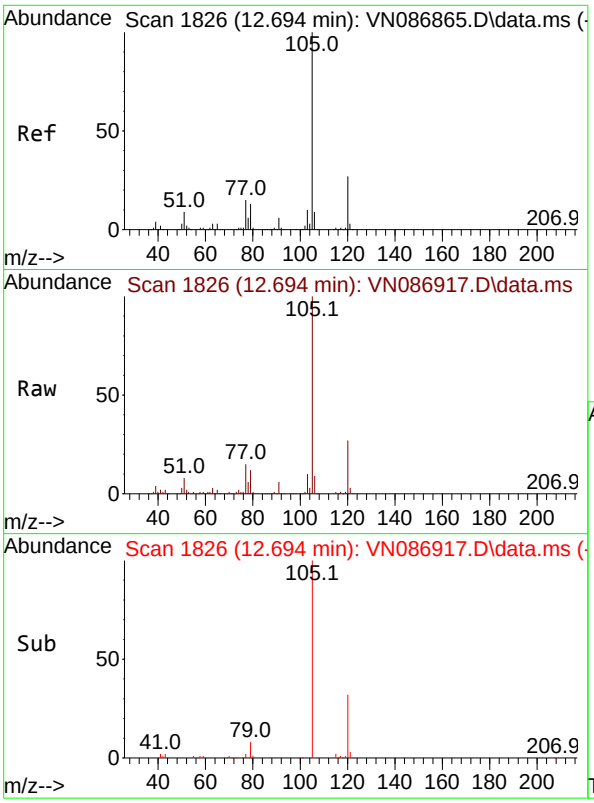


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:152 Resp: 176612

Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.1	90.5
150	162.6	0.0	345.0



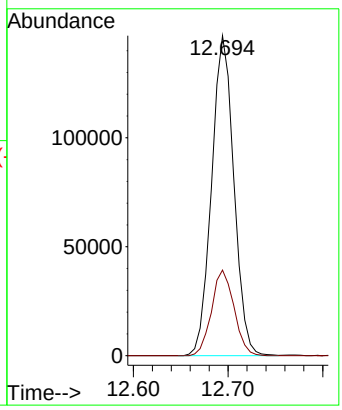


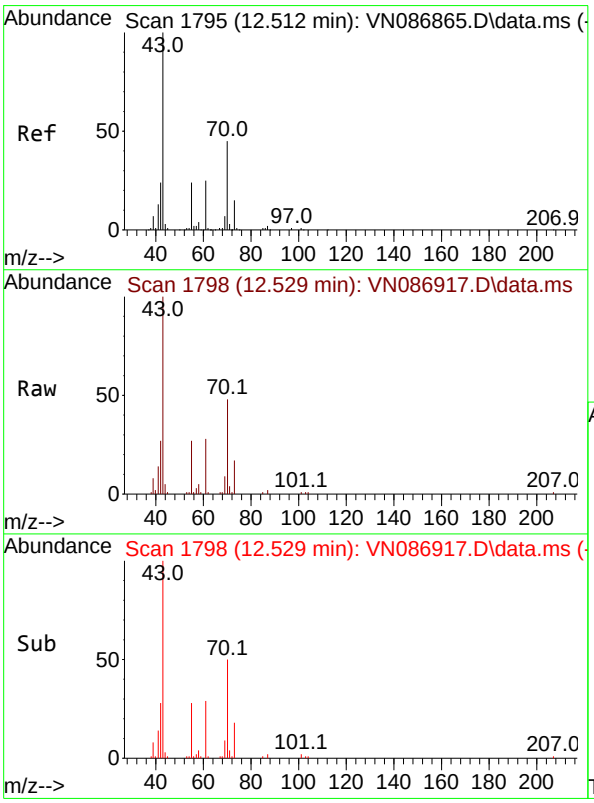
#73
Isopropylbenzene
Concen: 18.637 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:105 Resp: 239786

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4

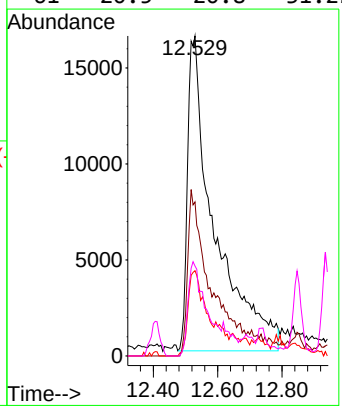


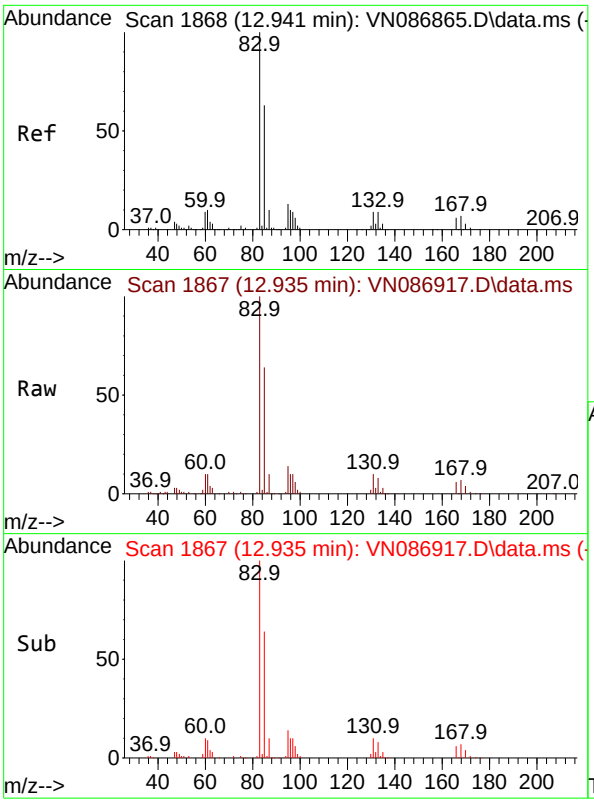


#74
N-amyl acetate
Concen: 21.121 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.018 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 43 Resp: 94962

Ion	Ratio	Lower	Upper
43	100		
70	44.7	37.6	56.4
55	17.2	19.0	28.6#
61	20.5	20.8	31.2#



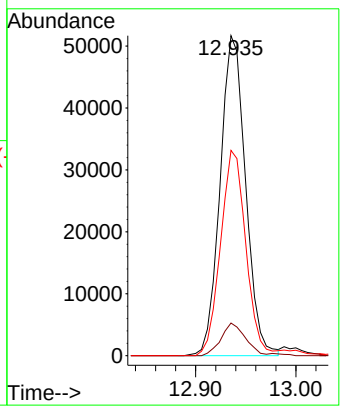


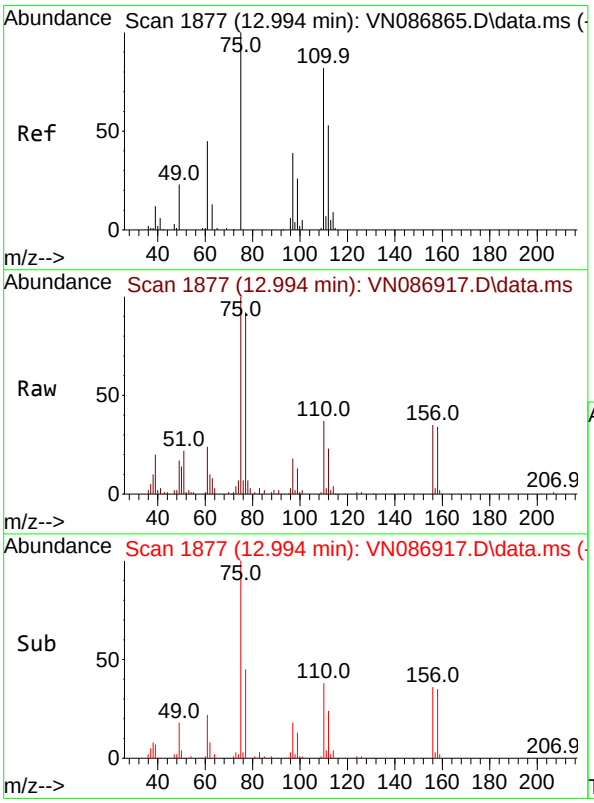
#75
1,1,2,2-Tetrachloroethane
Concen: 20.917 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 83 Resp: 91175

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	63.8	32.0	96.0

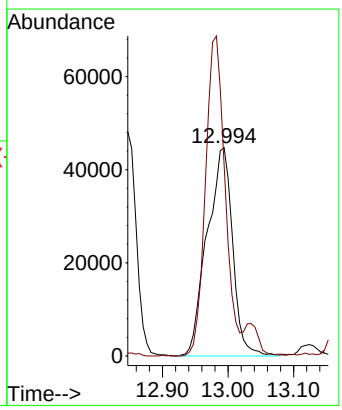


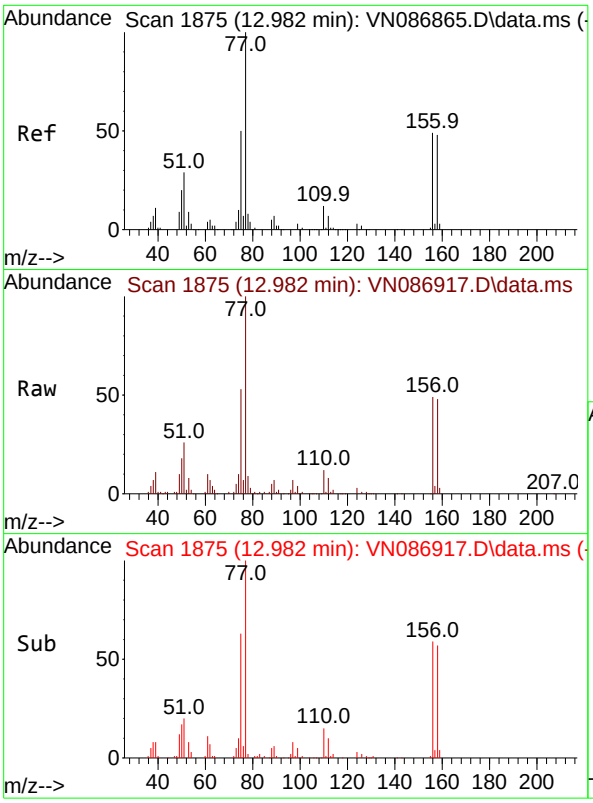


#76
1,2,3-Trichloropropane
Concen: 28.762 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 75 Resp: 120747

Ion	Ratio	Lower	Upper
75	100		
77	117.5	79.3	237.9



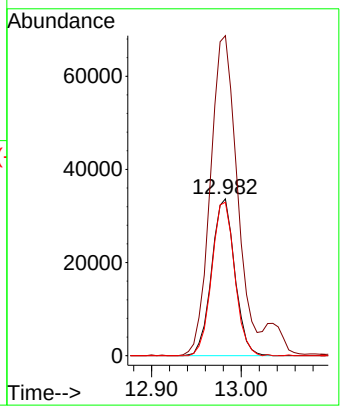


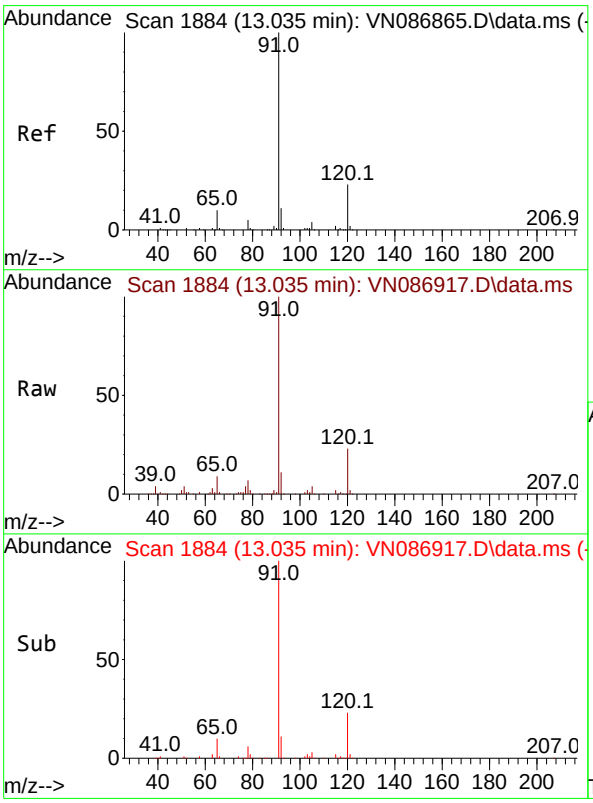
#77
Bromobenzene
Concen: 20.455 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:156 Resp: 60355

Ion	Ratio	Lower	Upper
156	100		
77	235.0	117.7	353.1
158	96.8	48.1	144.4

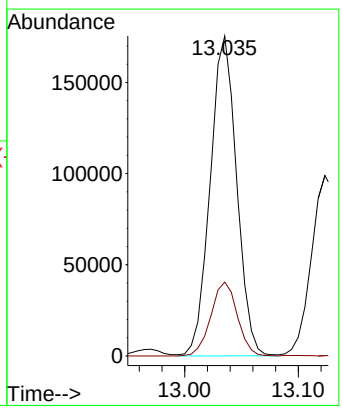


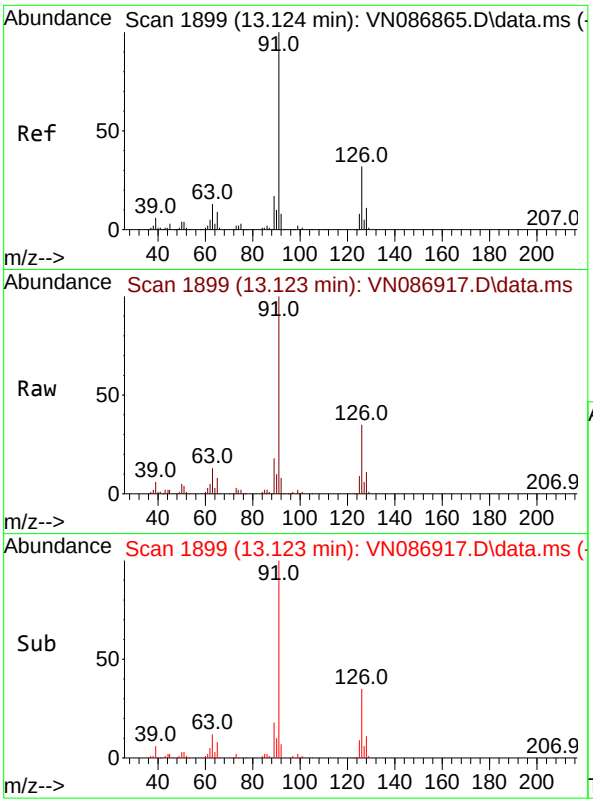


#78
n-propylbenzene
Concen: 18.176 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 91 Resp: 284206

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.4	34.2



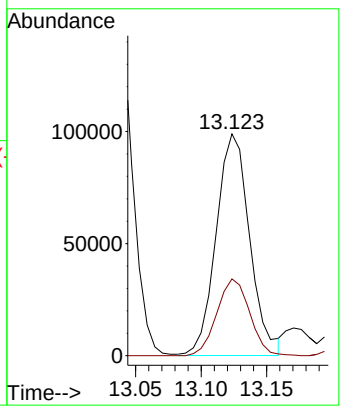


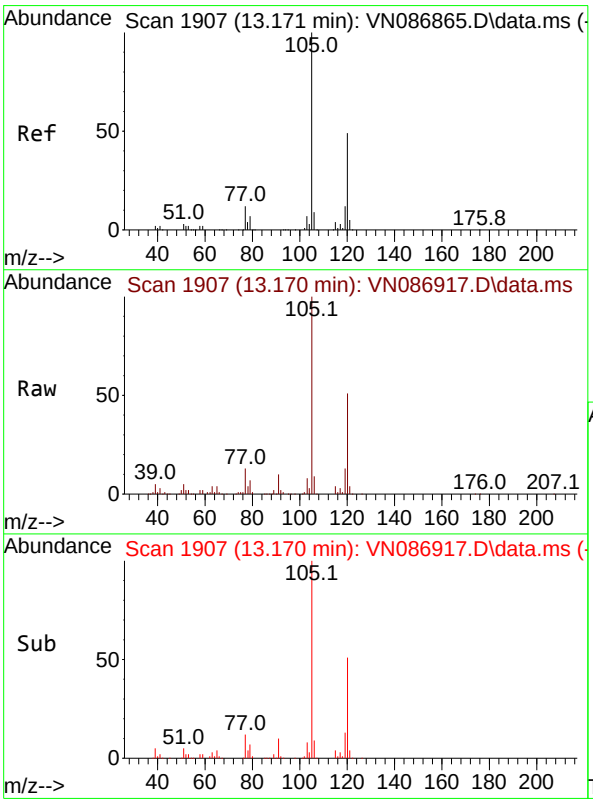
#79
2-Chlorotoluene
Concen: 18.760 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 91 Resp: 175915

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.2	48.5

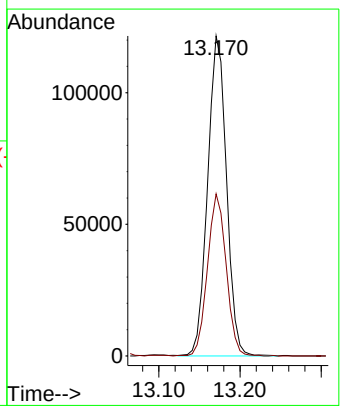


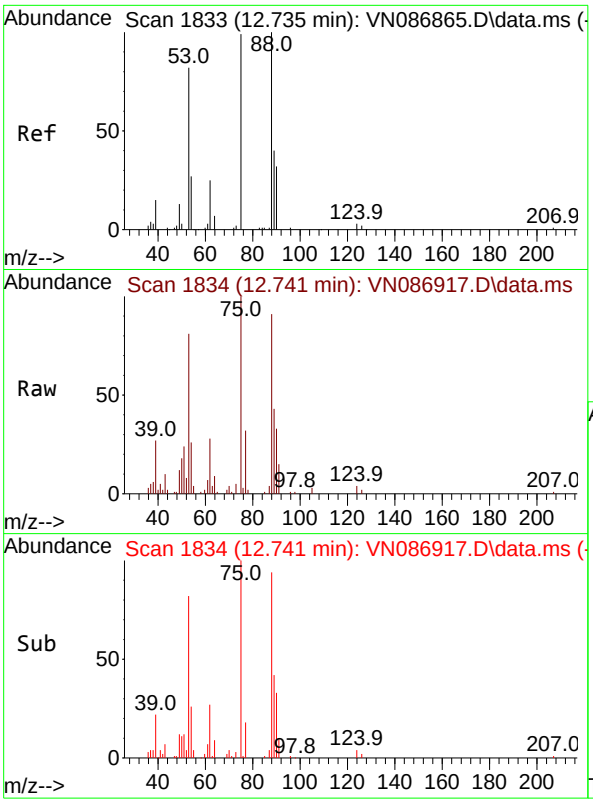


#80
1,3,5-Trimethylbenzene
Concen: 18.447 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:105 Resp: 195958

Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.9	74.6



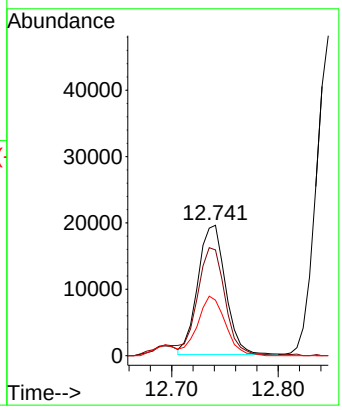


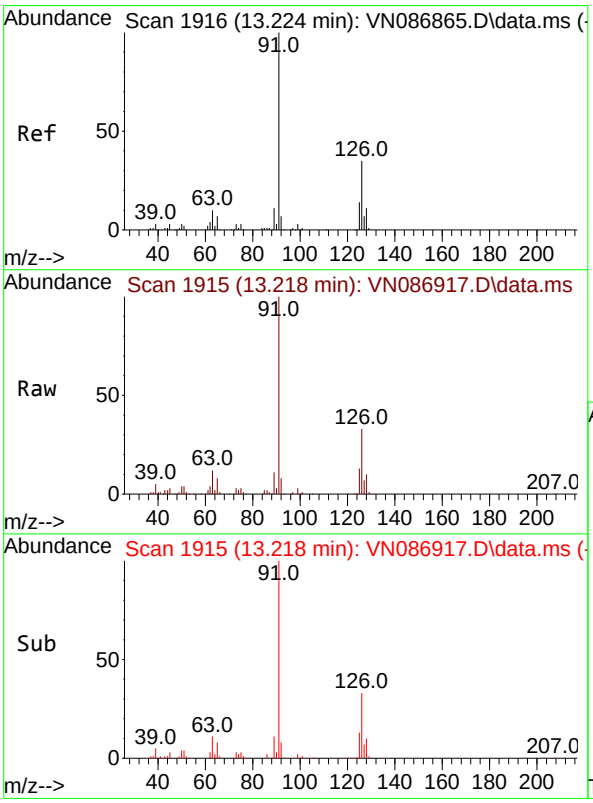
#81
trans-1,4-Dichloro-2-butene
Concen: 19.275 ug/l
RT: 12.741 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 75 Resp: 35153

Ion	Ratio	Lower	Upper
75	100		
53	91.5	66.6	99.8
89	46.4	36.7	55.1

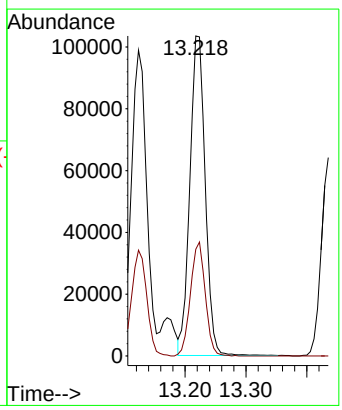


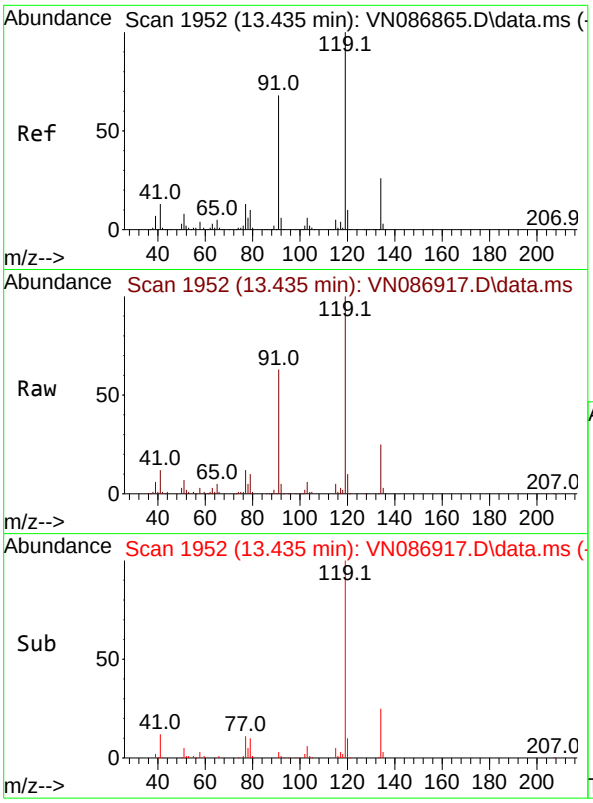


#82
4-Chlorotoluene
Concen: 19.051 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 91 Resp: 180752

Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.7	50.1



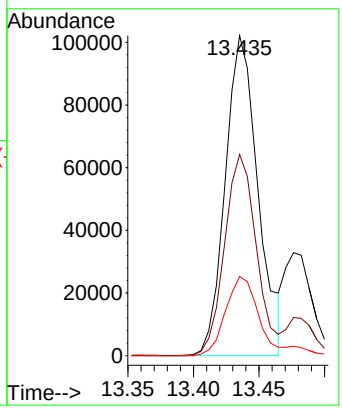


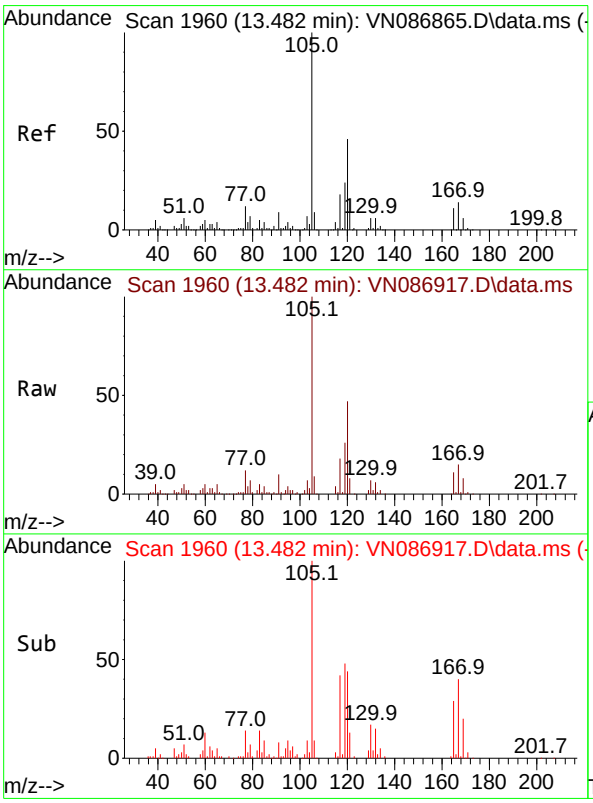
#83
tert-Butylbenzene
Concen: 18.256 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:119 Resp: 177514

Ion	Ratio	Lower	Upper
119	100		
91	61.1	32.1	96.5
134	26.4	13.4	40.1

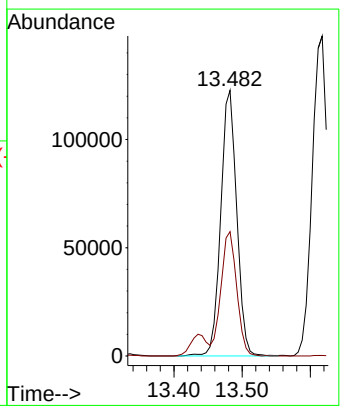


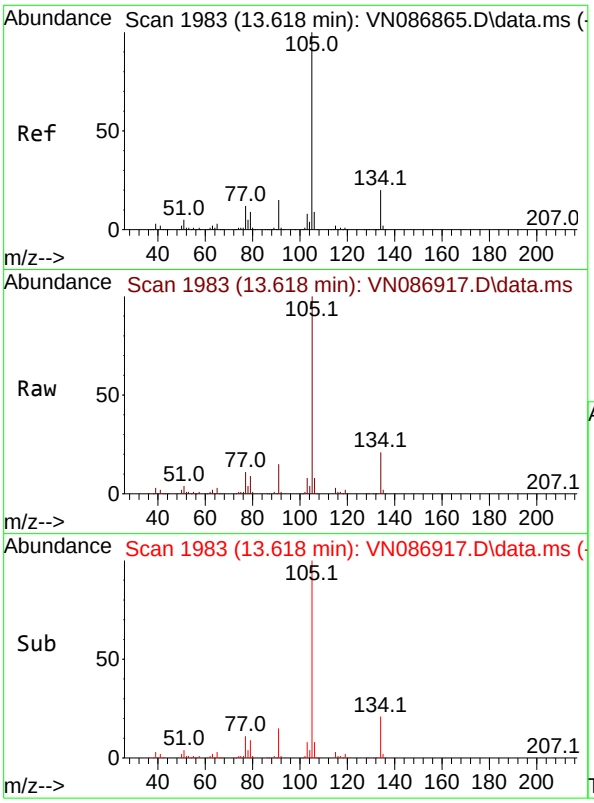


#84
1,2,4-Trimethylbenzene
Concen: 18.797 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:105 Resp: 200229

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.2	69.6



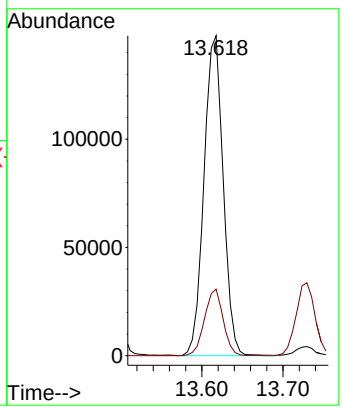


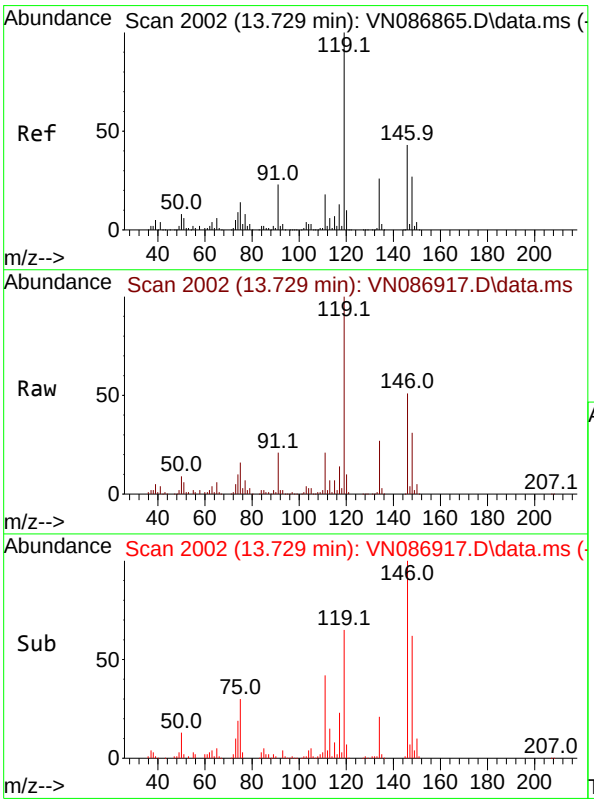
#85
sec-Butylbenzene
Concen: 17.198 ug/l
RT: 13.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:105 Resp: 242849

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0

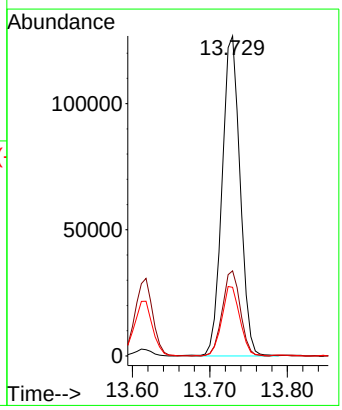


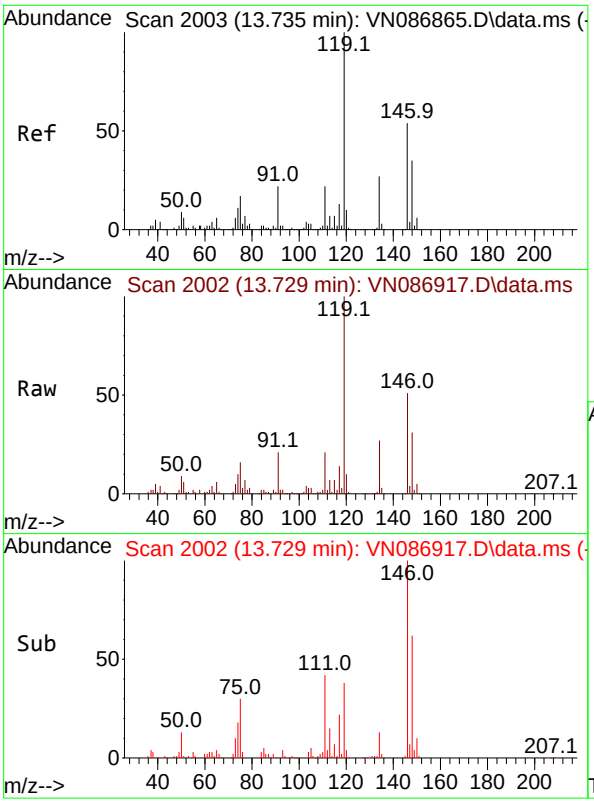


#86
p-Isopropyltoluene
Concen: 17.598 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:119 Resp: 205414

Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.5	40.4
91	21.8	11.5	34.4



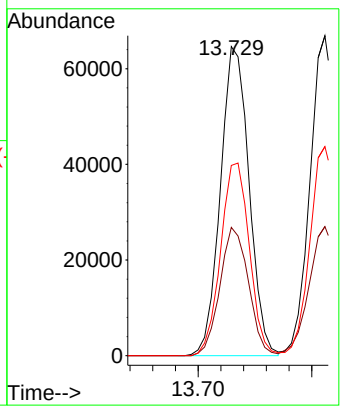


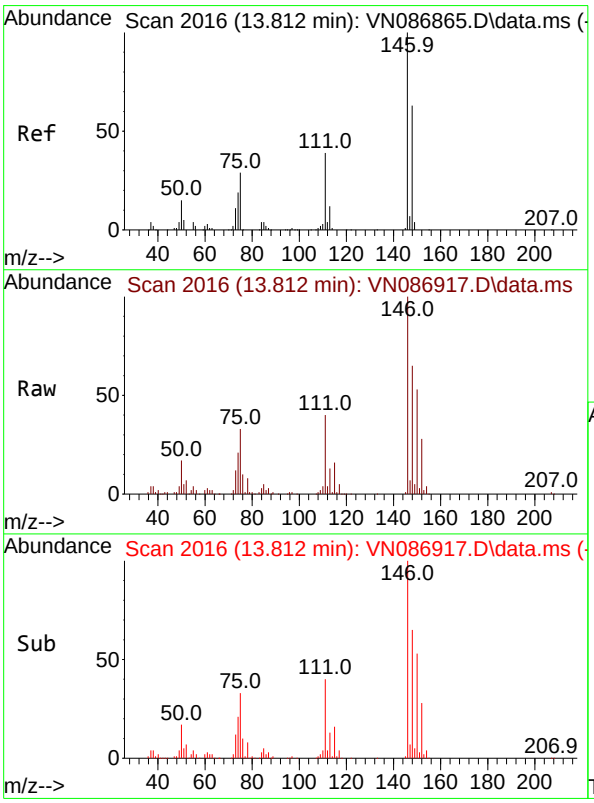
#87
1,3-Dichlorobenzene
Concen: 19.526 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:146 Resp: 113354

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.8
148	62.5	32.0	96.2

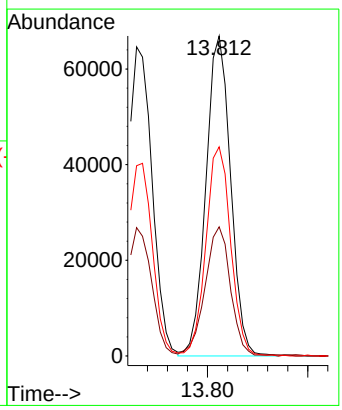


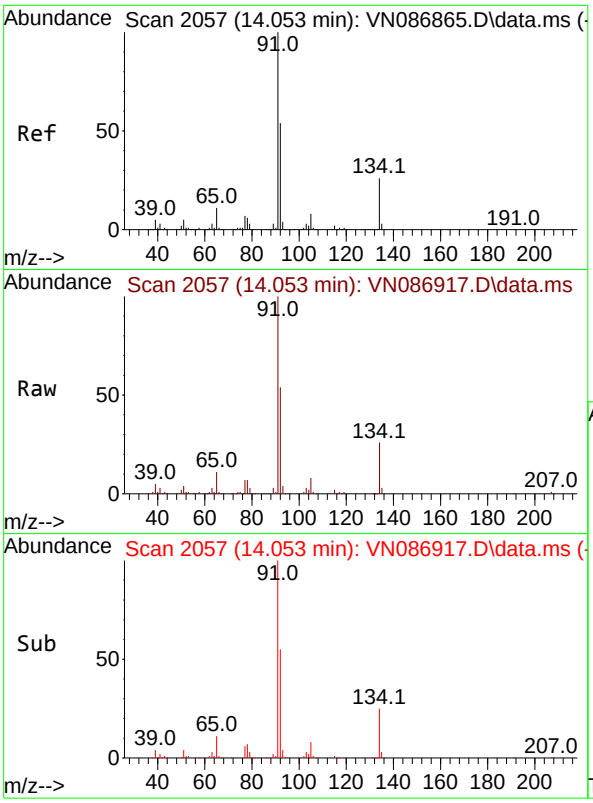


#88
1,4-Dichlorobenzene
Concen: 19.327 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:146 Resp: 114393

Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.9	59.7
148	65.8	31.8	95.4



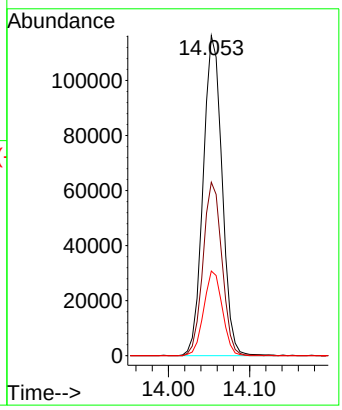


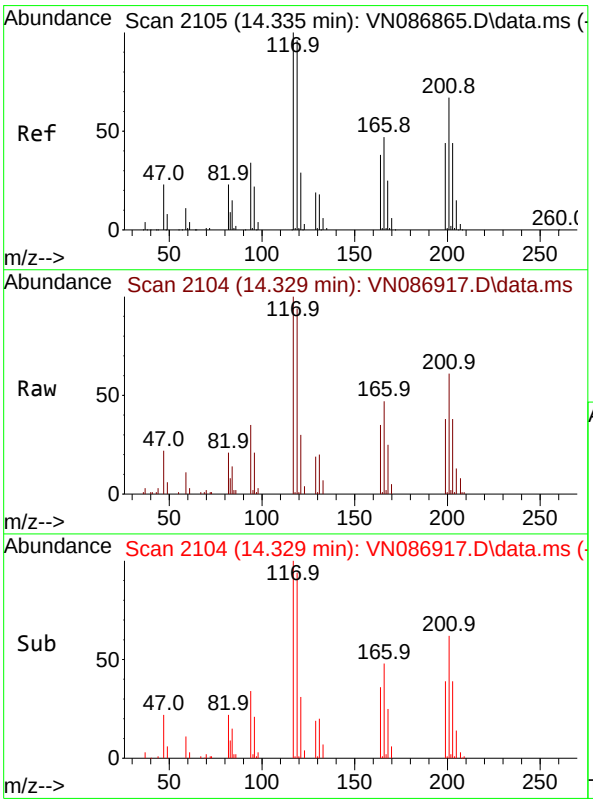
#89
n-Butylbenzene
Concen: 16.619 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion: 91 Resp: 187901

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.5	82.4
134	26.0	13.0	39.0

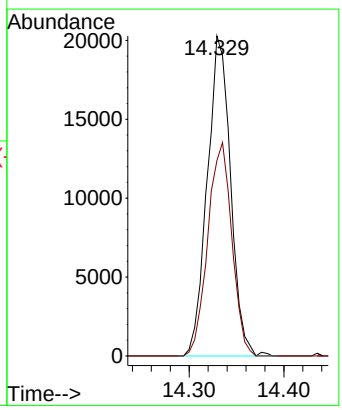


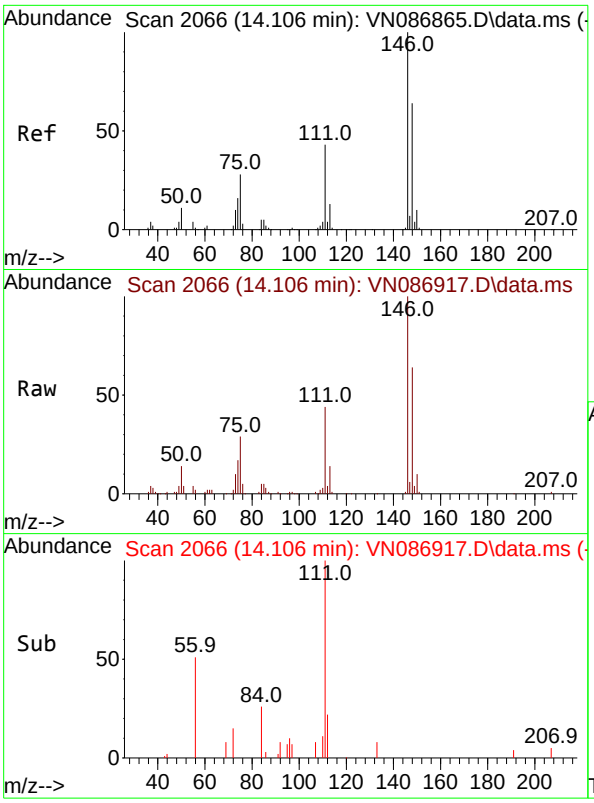


#90
Hexachloroethane
Concen: 17.510 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:117 Resp: 34646

Ion	Ratio	Lower	Upper
117	100		
201	68.6	33.2	99.6



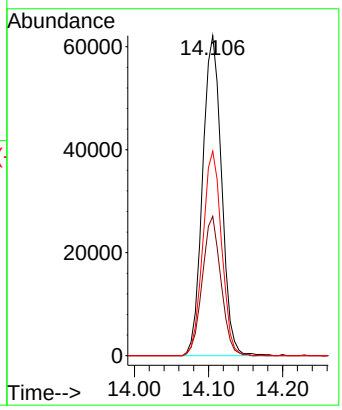


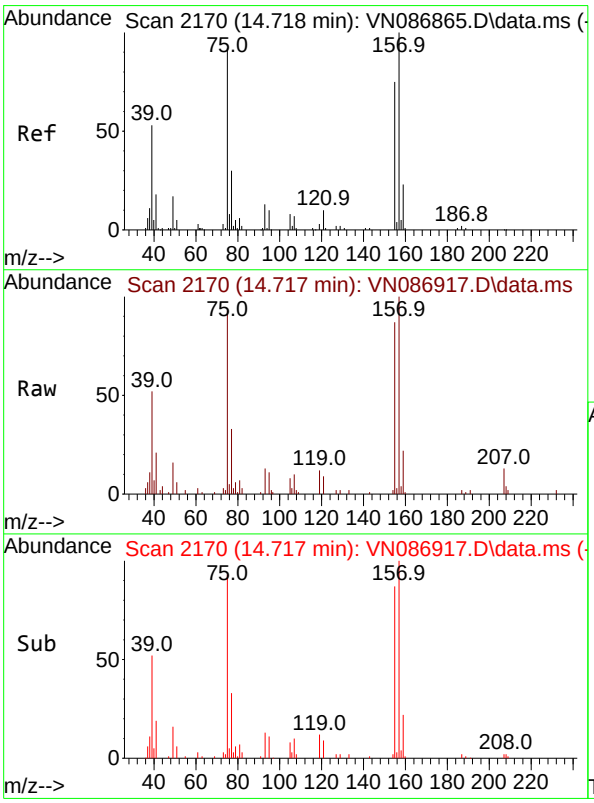
#91
1,2-Dichlorobenzene
Concen: 19.781 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:146 Resp: 110330

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.6	64.6
148	63.3	31.7	95.1

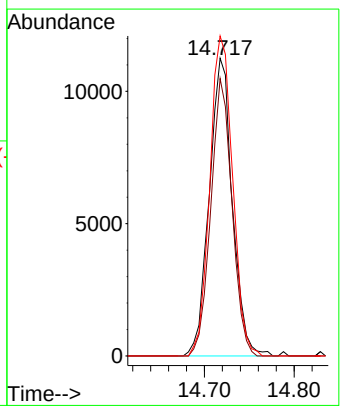


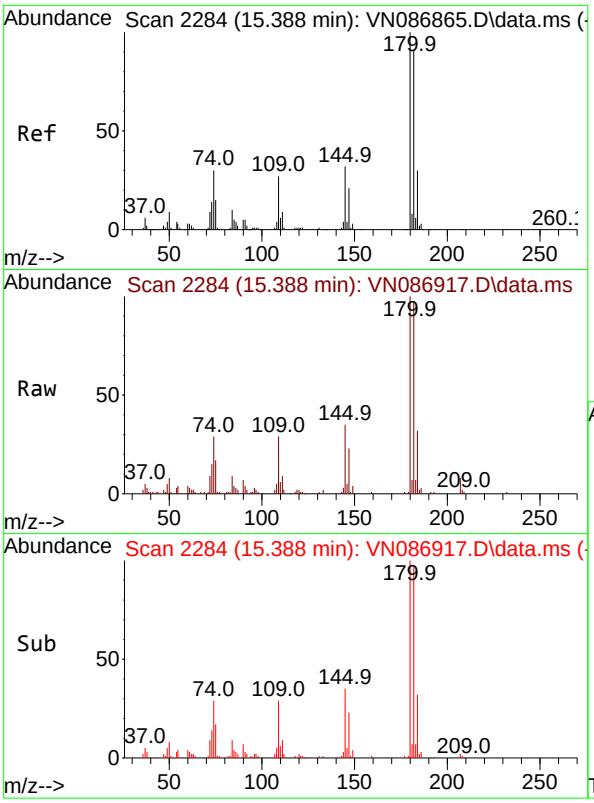


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.345 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion: 75 Resp: 20166

Ion	Ratio	Lower	Upper
75	100		
155	85.1	41.1	123.4
157	105.7	52.7	158.1



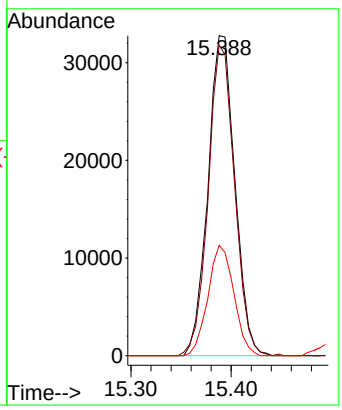


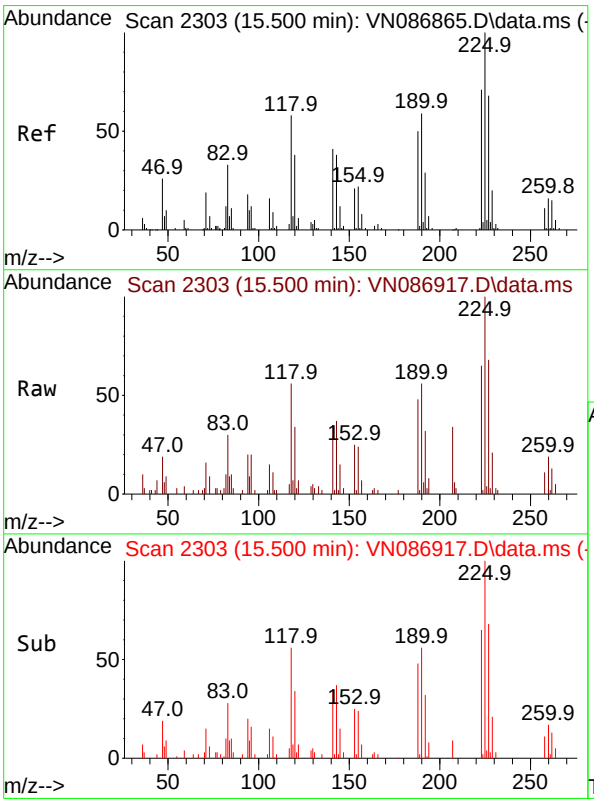
#93
1,2,4-Trichlorobenzene
Concen: 17.191 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:180 Resp: 61228

Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.9	140.7
145	33.1	16.0	47.9

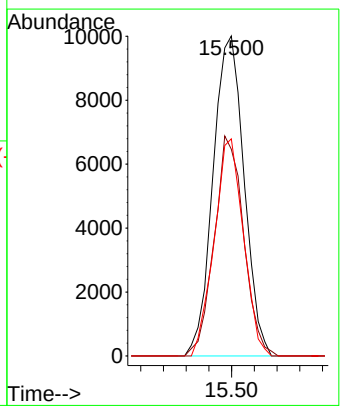


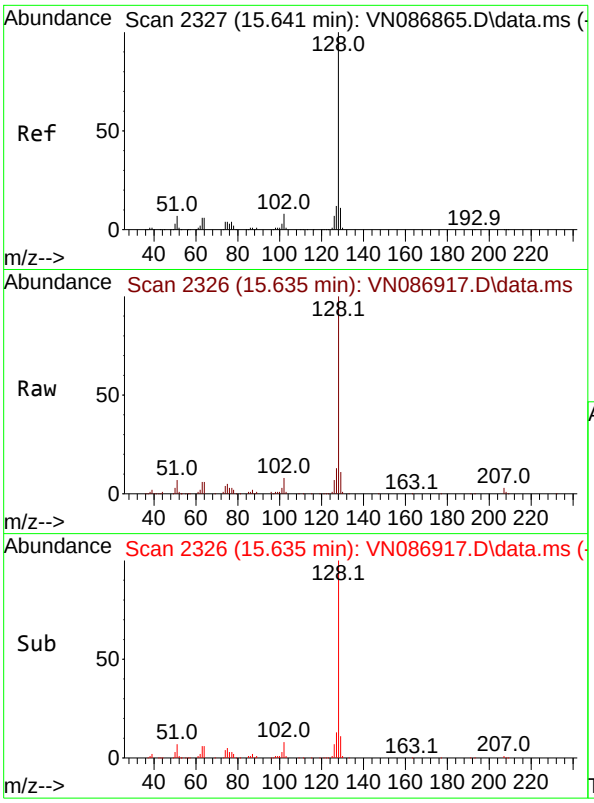


#94
Hexachlorobutadiene
Concen: 14.304 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:225 Resp: 18980

Ion	Ratio	Lower	Upper
225	100		
223	65.1	33.5	100.4
227	63.8	31.1	93.5



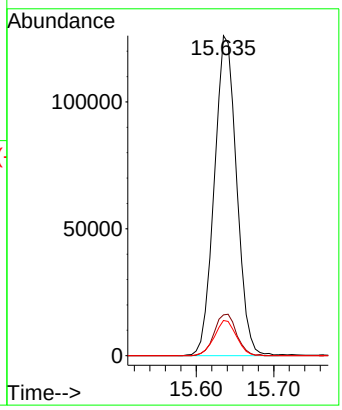


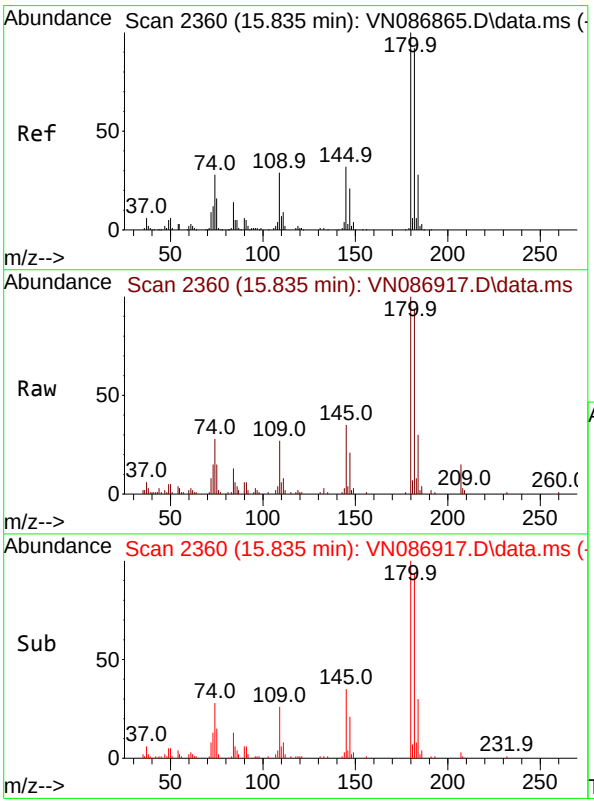
#95
Naphthalene
Concen: 19.039 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tgt Ion:128 Resp: 252396

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.8	13.2

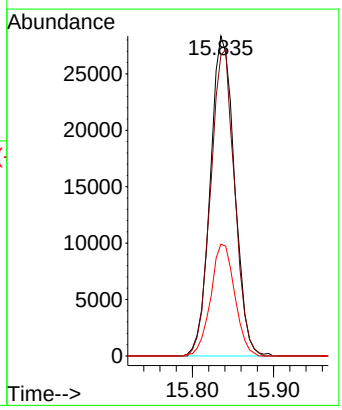




#96
1,2,3-Trichlorobenzene
Concen: 16.566 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086917.D
Acq: 10 Jun 2025 11:04

Tgt Ion:180 Resp: 58621

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.0	141.0
145	34.7	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	176719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	308698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	98074	41.450	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 82.900%			
35) Dibromofluoromethane	8.177	113	87160	47.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.280%			
50) Toluene-d8	10.571	98	334058	46.127	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.260%			
62) 4-Bromofluorobenzene	12.847	95	125834	46.767	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	90452	51.335	ug/l	98
3) Chloromethane	2.395	50	101034	44.405	ug/l	98
4) Vinyl Chloride	2.554	62	121371	51.711	ug/l	99
5) Bromomethane	3.001	94	46198	35.173	ug/l	100
6) Chloroethane	3.159	64	78079	51.500	ug/l	97
7) Trichlorofluoromethane	3.530	101	157218	51.268	ug/l	100
8) Diethyl Ether	3.983	74	69342	51.899	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	98032	50.883	ug/l	98
10) Methyl Iodide	4.618	142	88226	35.325	ug/l	97
11) Tert butyl alcohol	5.536	59	143421	223.394	ug/l	99
12) 1,1-Dichloroethene	4.365	96	104047	52.898	ug/l	93
13) Acrolein	4.200	56	11481	56.496	ug/l	95
14) Allyl chloride	5.047	41	146046	44.771	ug/l	95
15) Acrylonitrile	5.736	53	346563	230.949	ug/l	100
16) Acetone	4.447	43	258365	205.910	ug/l	96
17) Carbon Disulfide	4.742	76	308599	56.720	ug/l	99
18) Methyl Acetate	5.042	43	133291	36.453	ug/l	94
19) Methyl tert-butyl Ether	5.818	73	345648	48.534	ug/l	100
20) Methylene Chloride	5.300	84	114593	48.781	ug/l	92
21) trans-1,2-Dichloroethene	5.806	96	110123	50.322	ug/l	98
22) Diisopropyl ether	6.683	45	311728	45.335	ug/l	95
23) Vinyl Acetate	6.618	43	1397734	240.591	ug/l	96
24) 1,1-Dichloroethane	6.583	63	193464	48.891	ug/l	99
25) 2-Butanone	7.494	43	437923	214.715	ug/l	94
26) 2,2-Dichloropropane	7.500	77	149604	48.602	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	132603	50.666	ug/l	95
28) Bromochloromethane	7.824	49	73339	37.695	ug/l	88
29) Tetrahydrofuran	7.847	42	290520	218.662	ug/l	93
30) Chloroform	7.977	83	189838	48.039	ug/l	95
31) Cyclohexane	8.265	56	175800	45.811	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	163721	48.711	ug/l	98
36) 1,1-Dichloropropene	8.377	75	144891	53.151	ug/l	98
37) Ethyl Acetate	7.571	43	169435	48.826	ug/l	98
38) Carbon Tetrachloride	8.371	117	138285	51.670	ug/l	98
39) Methylcyclohexane	9.606	83	181379	48.565	ug/l	95
40) Benzene	8.612	78	459444	51.541	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	85278	43.757	ug/l		90
42) 1,2-Dichloroethane	8.677	62	134489	49.742	ug/l		99
43) Isopropyl Acetate	8.694	43	257199	46.178	ug/l		96
44) Trichloroethene	9.359	130	116889	55.301	ug/l		95
45) 1,2-Dichloropropane	9.624	63	108258	49.919	ug/l		98
46) Dibromomethane	9.712	93	76994	53.450	ug/l		97
47) Bromodichloromethane	9.888	83	149176	50.334	ug/l		97
48) Methyl methacrylate	9.682	41	119559	46.638	ug/l		94
49) 1,4-Dioxane	9.700	88	50710	1087.344	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.447	43	791040	235.919	ug/l		96
52) Toluene	10.629	92	287508	52.776	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	172844	52.155	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	184125	51.925	ug/l		95
55) 1,1,2-Trichloroethane	11.018	97	106701	50.903	ug/l		99
56) Ethyl methacrylate	10.876	69	181431	54.342	ug/l		92
57) 1,3-Dichloropropane	11.165	76	184198	50.656	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	236277	118.651	ug/l		97
59) 2-Hexanone	11.200	43	518664	240.145	ug/l		90
60) Dibromochloromethane	11.359	129	116659	53.416	ug/l		100
61) 1,2-Dibromoethane	11.471	107	114780	53.422	ug/l		98
64) Tetrachloroethene	11.106	164	91874	53.850	ug/l		95
65) Chlorobenzene	11.894	112	316696	53.264	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	98580	51.578	ug/l		99
67) Ethyl Benzene	11.965	91	536714	52.405	ug/l		99
68) m/p-Xylenes	12.071	106	418936	106.858	ug/l		98
69) o-Xylene	12.394	106	201312	53.615	ug/l		96
70) Styrene	12.412	104	343422	53.450	ug/l		99
71) Bromoform	12.576	173	78819	55.657	ug/l	#	99
73) Isopropylbenzene	12.694	105	489897	50.649	ug/l		100
74) N-amyl acetate	12.512	43	153120	45.303	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.935	83	166262	50.740	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	224136	71.020	ug/l		70
77) Bromobenzene	12.982	156	121326	54.696	ug/l		94
78) n-propylbenzene	13.035	91	582741	49.576	ug/l		99
79) 2-Chlorotoluene	13.123	91	355375	50.413	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	398214	49.866	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	70073	51.111	ug/l		91
82) 4-Chlorotoluene	13.218	91	362142	50.772	ug/l		99
83) tert-Butylbenzene	13.435	119	355100	48.578	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	411074	51.335	ug/l		99
85) sec-Butylbenzene	13.612	105	495817	46.707	ug/l		99
86) p-Isopropyltoluene	13.729	119	422980	48.202	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	227571	52.144	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	233049	52.377	ug/l		100
89) n-Butylbenzene	14.053	91	379576	44.658	ug/l		99
90) Hexachloroethane	14.329	117	69822	46.941	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	215670	51.437	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36585	46.685	ug/l		88
93) 1,2,4-Trichlorobenzene	15.388	180	128889	48.139	ug/l		99
94) Hexachlorobutadiene	15.494	225	42093	42.197	ug/l		98
95) Naphthalene	15.635	128	531584	53.340	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	121156	45.544	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

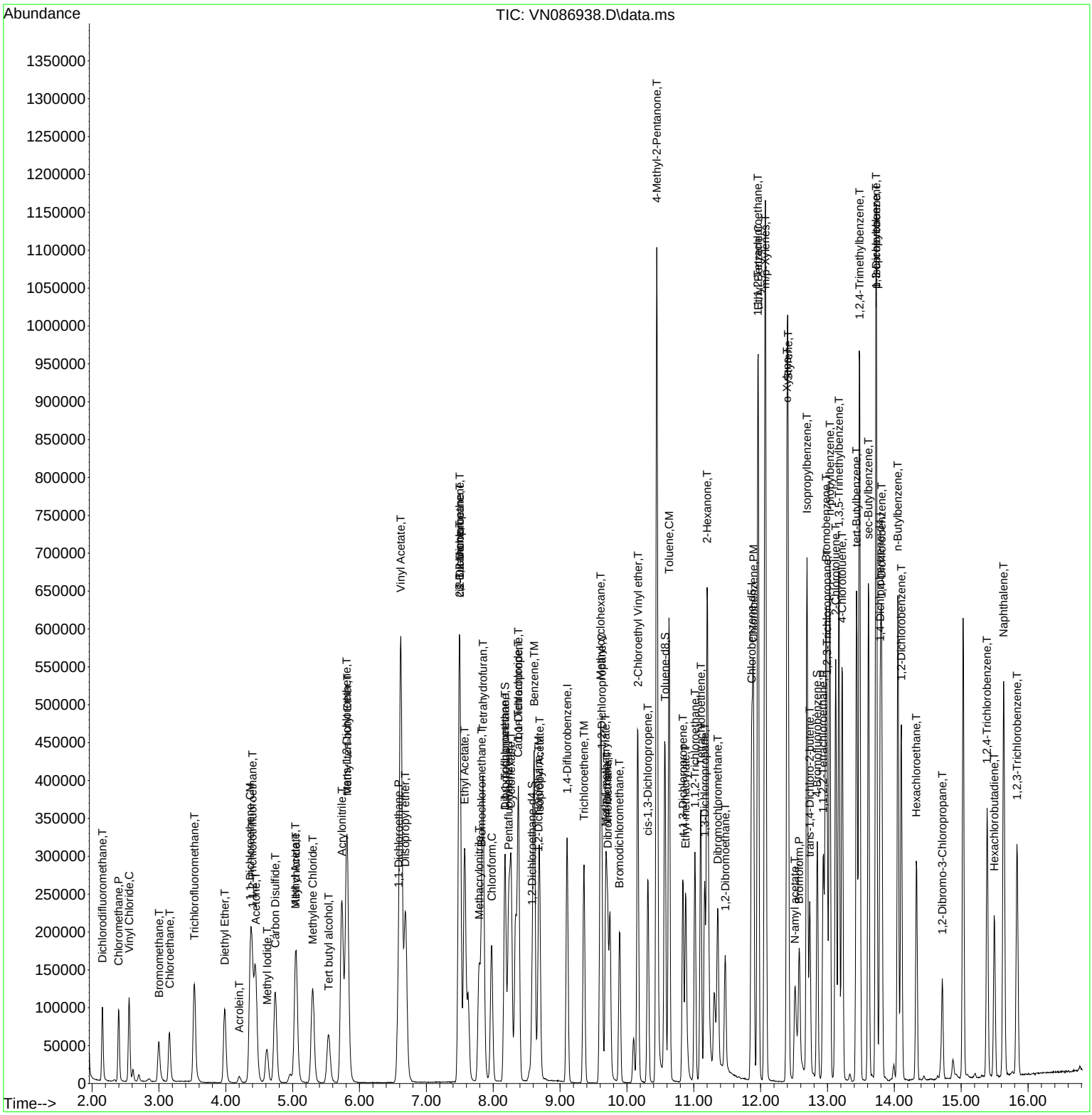
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

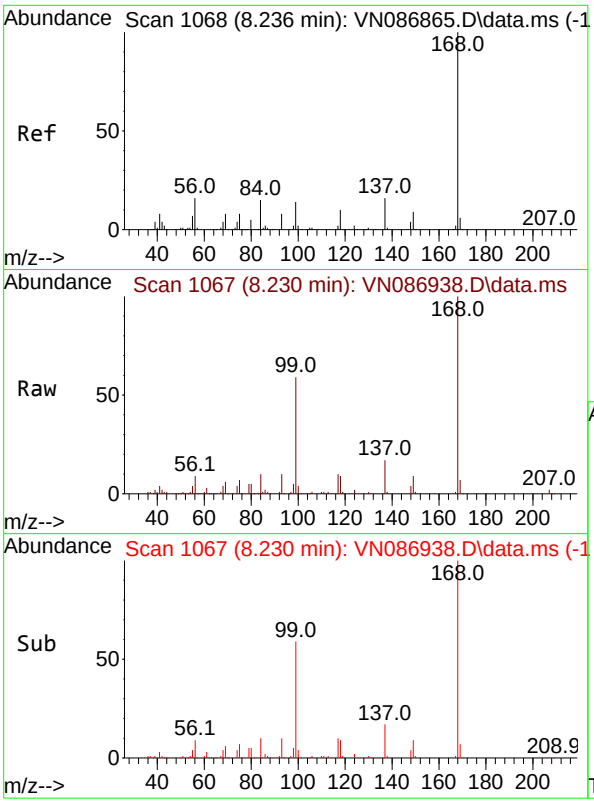
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086938.D
Acq On : 10 Jun 2025 18:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



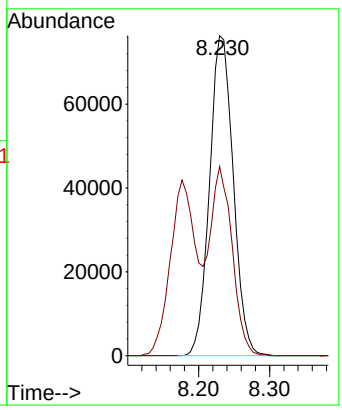


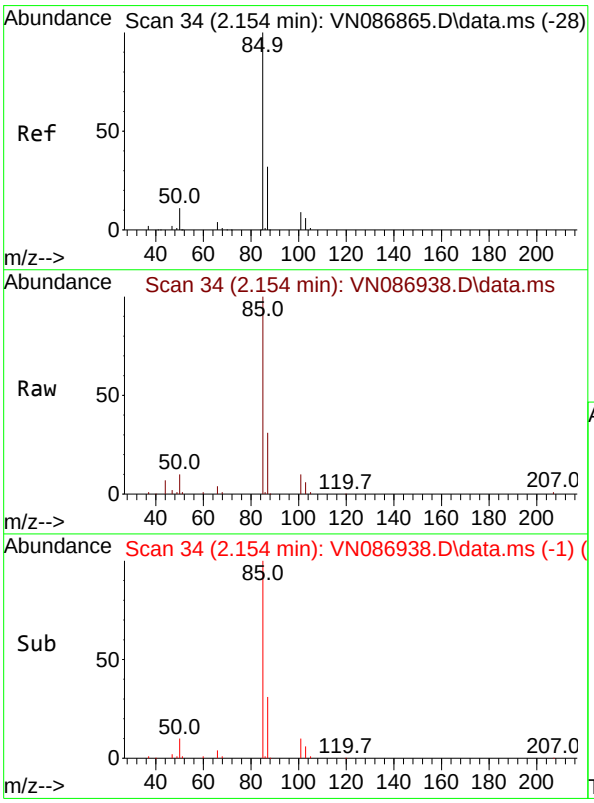
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 176719

Ion	Ratio	Lower	Upper
168	100		
99	59.1	49.1	73.7

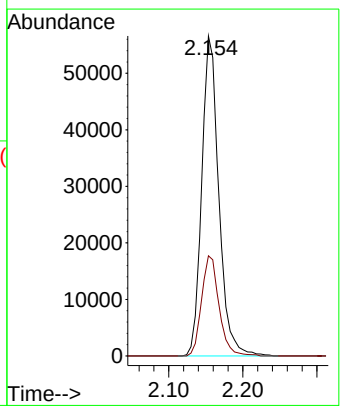


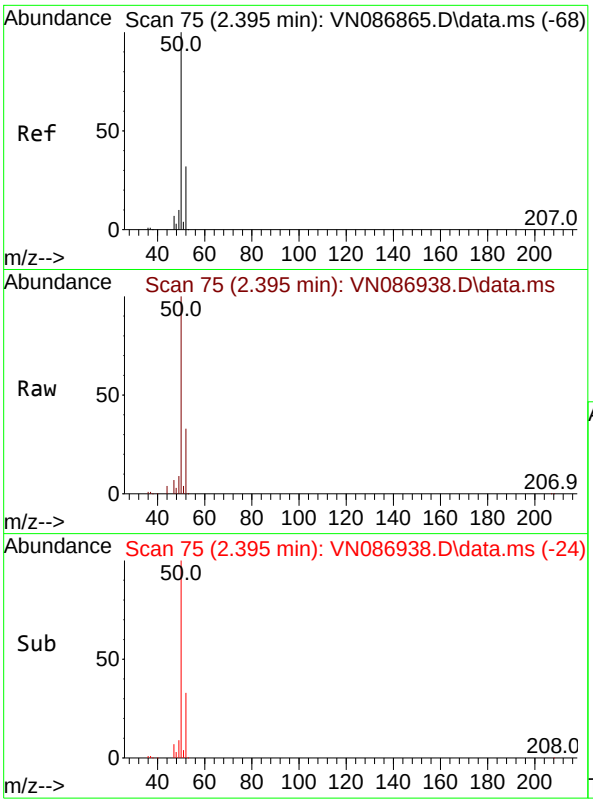


#2
Dichlorodifluoromethane
Concen: 51.335 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 85 Resp: 90452

Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.2	48.6



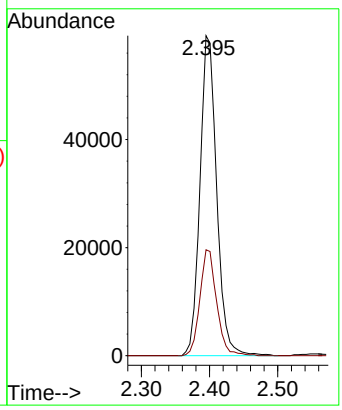


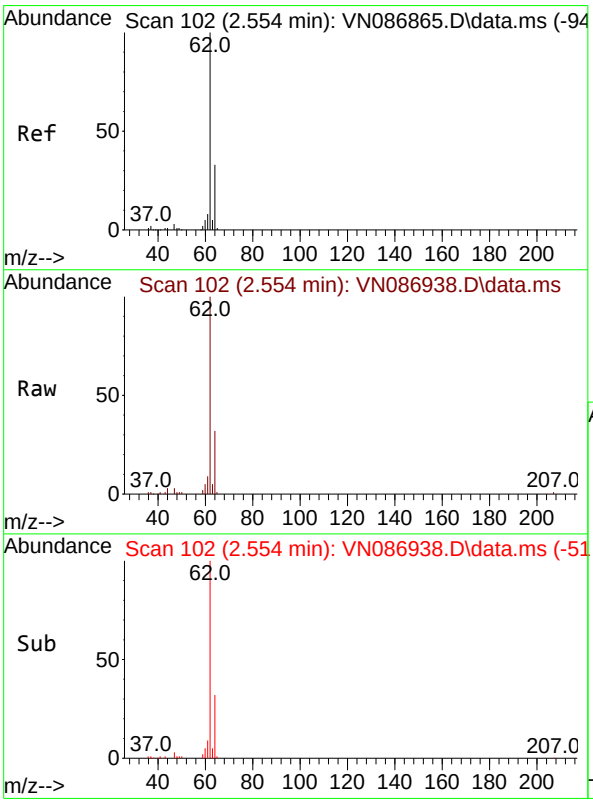
#3
Chloromethane
Concen: 44.405 ug/l
RT: 2.395 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 101034

Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.7	38.5

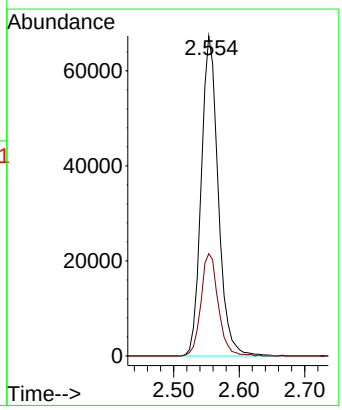


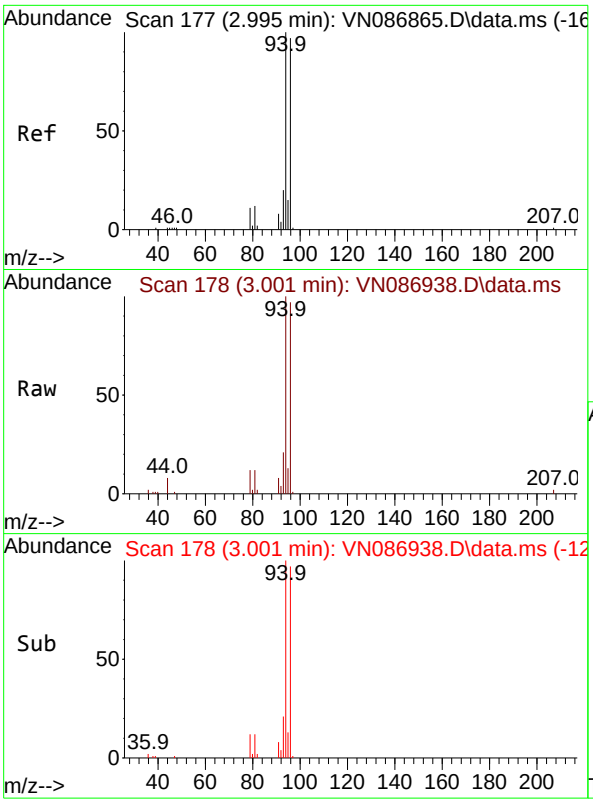


#4
Vinyl Chloride
Concen: 51.711 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 62 Resp: 121371

Ion	Ratio	Lower	Upper
62	100		
64	31.9	26.0	39.0



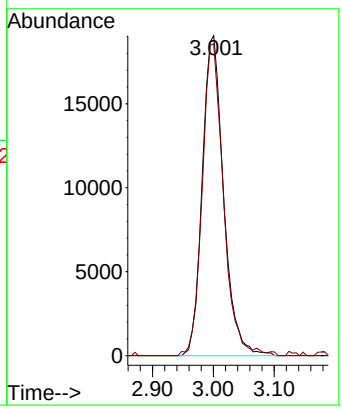


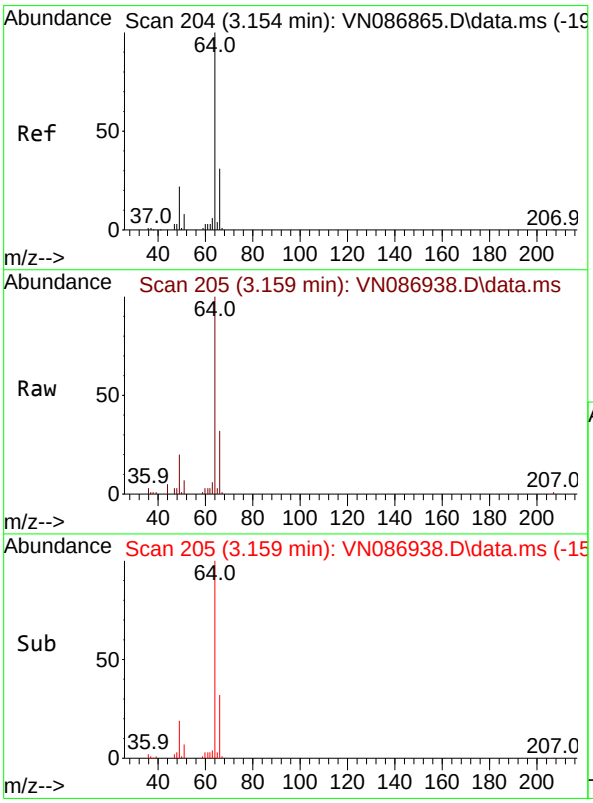
#5
Bromomethane
Concen: 35.173 ug/l
RT: 3.001 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 46198

Ion	Ratio	Lower	Upper
94	100		
96	97.4	77.9	116.9

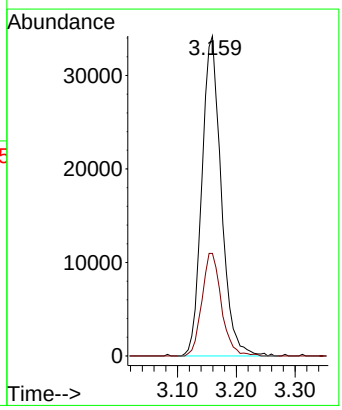


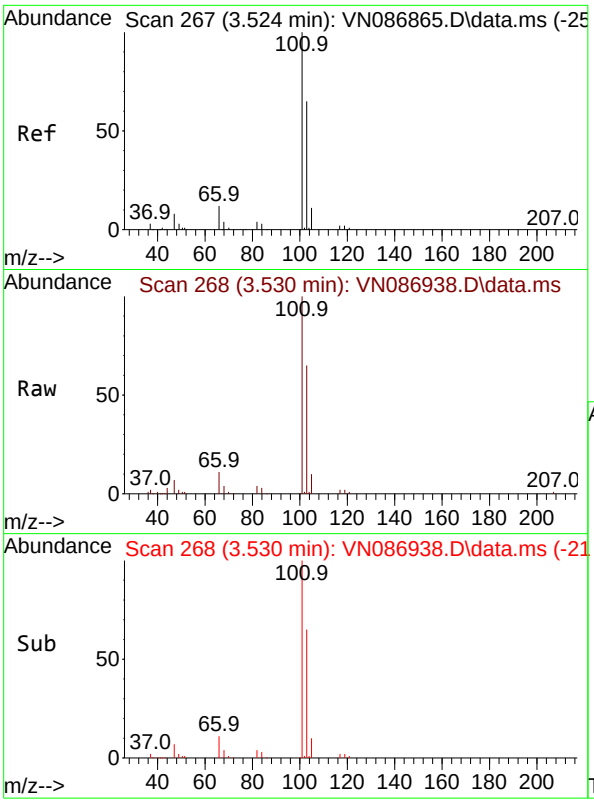


#6
Chloroethane
Concen: 51.500 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 64 Resp: 78079

Ion	Ratio	Lower	Upper
64	100		
66	32.1	24.6	36.8



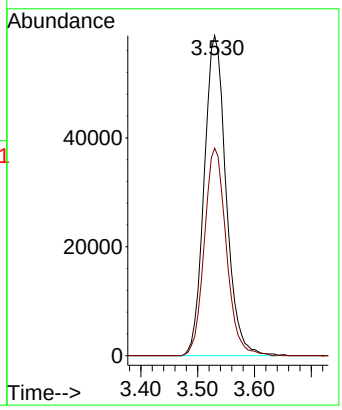


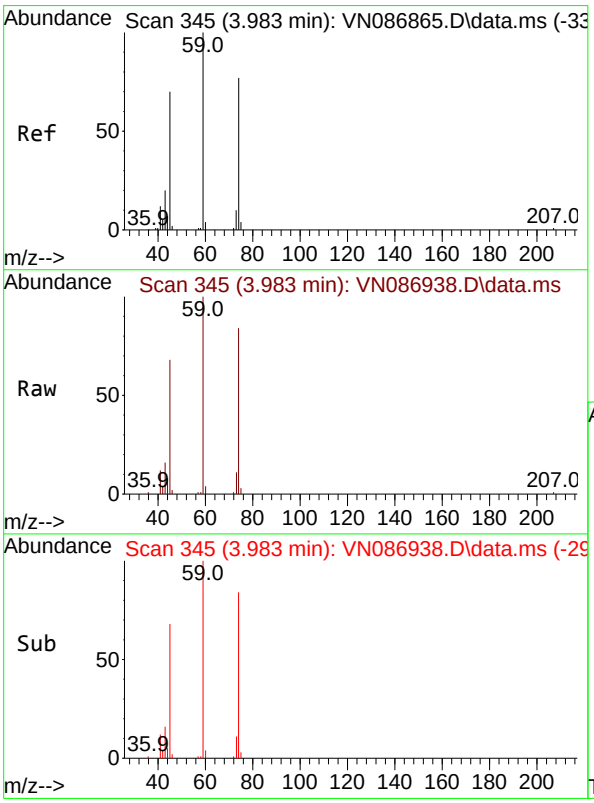
#7
Trichlorofluoromethane
Concen: 51.268 ug/l
RT: 3.530 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 157218

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.2

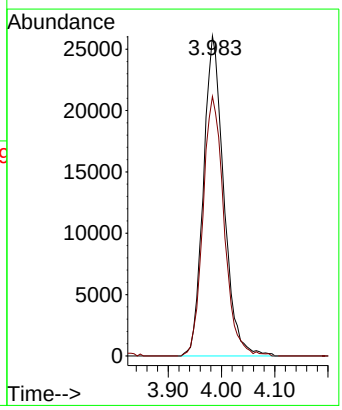


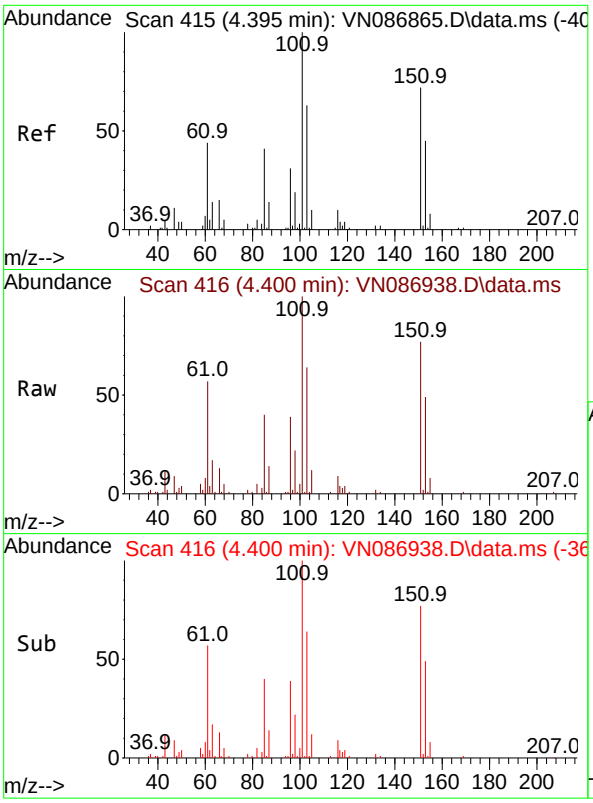


#8
Diethyl Ether
Concen: 51.899 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 74 Resp: 69342

Ion	Ratio	Lower	Upper
74	100		
45	83.9	45.5	136.5



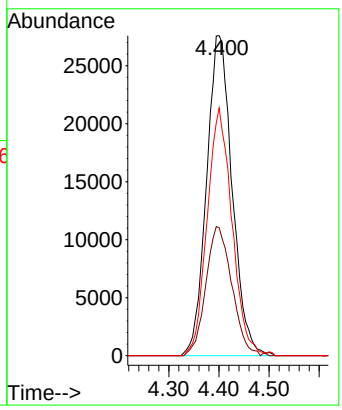


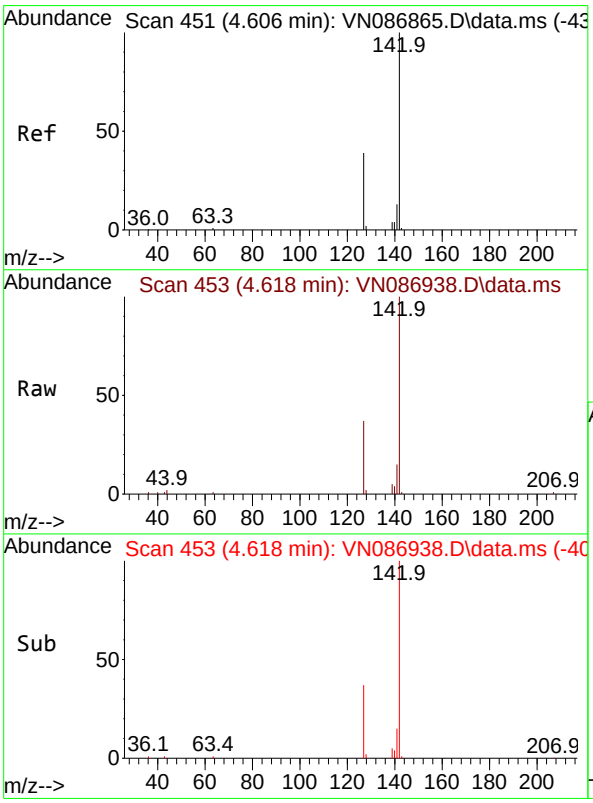
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.883 ug/l
RT: 4.400 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 98032

Ion	Ratio	Lower	Upper
101	100		
85	40.9	33.8	50.8
151	75.3	58.7	88.1

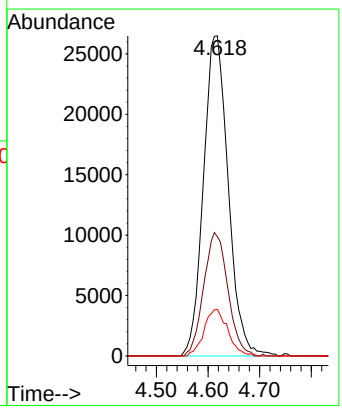


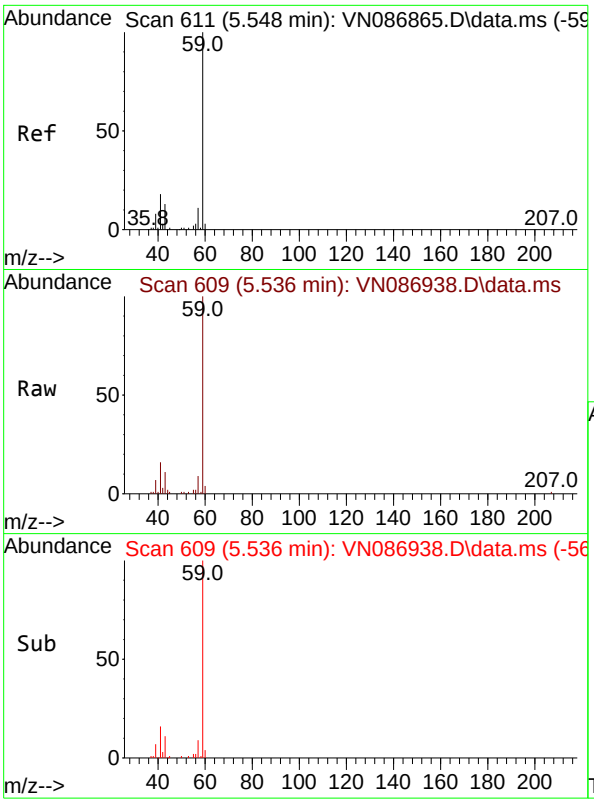


#10
Methyl Iodide
Concen: 35.325 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:142 Resp: 88226

Ion	Ratio	Lower	Upper
142	100		
127	37.3	30.9	46.3
141	14.5	10.4	15.6



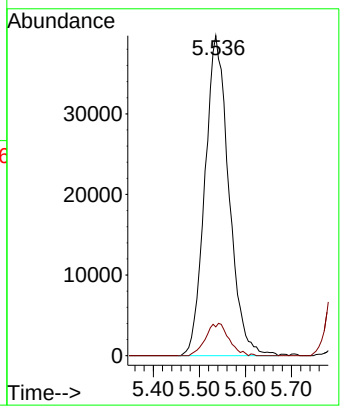


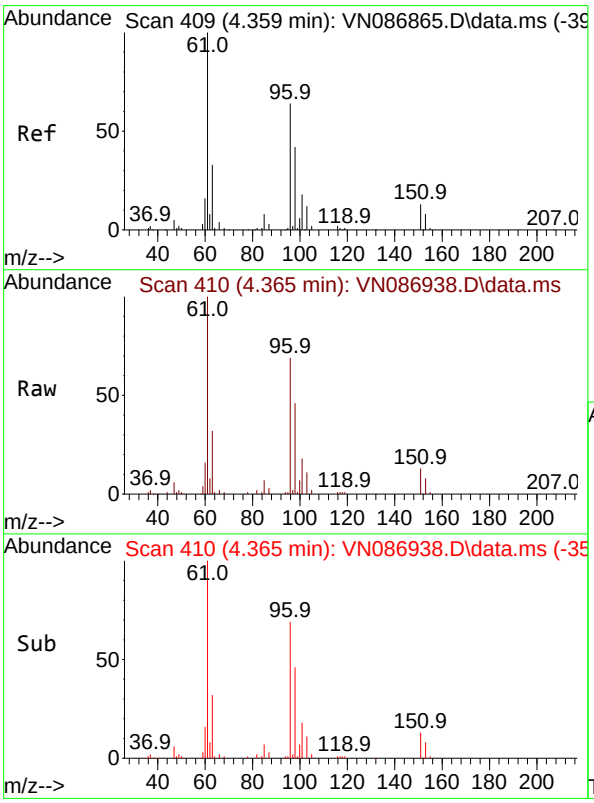
#11
Tert butyl alcohol
Concen: 223.394 ug/l
RT: 5.536 min Scan# 6
Delta R.T. -0.012 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 143421

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1

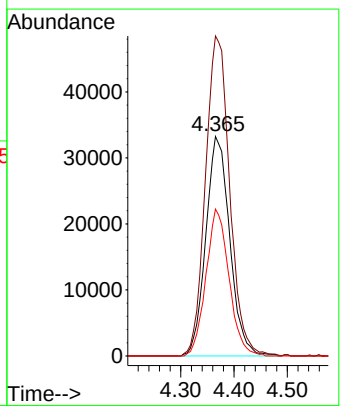


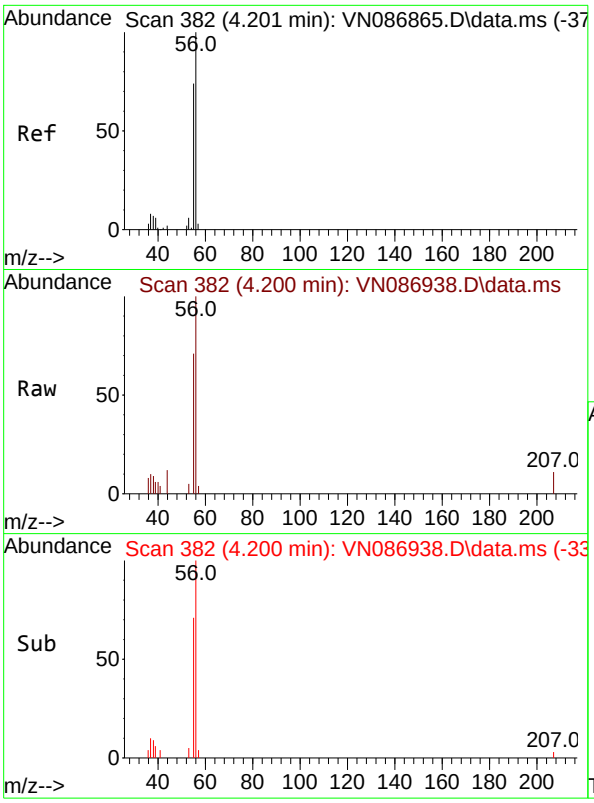


#12
1,1-Dichloroethene
Concen: 52.898 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 96 Resp: 104047

Ion	Ratio	Lower	Upper
96	100		
61	145.8	125.8	188.6
98	66.9	52.5	78.7



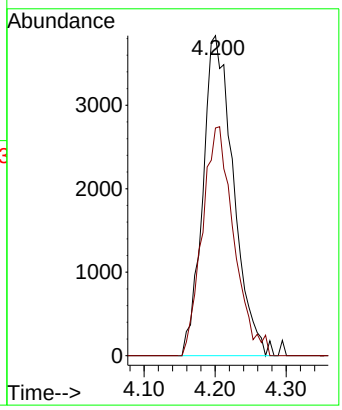


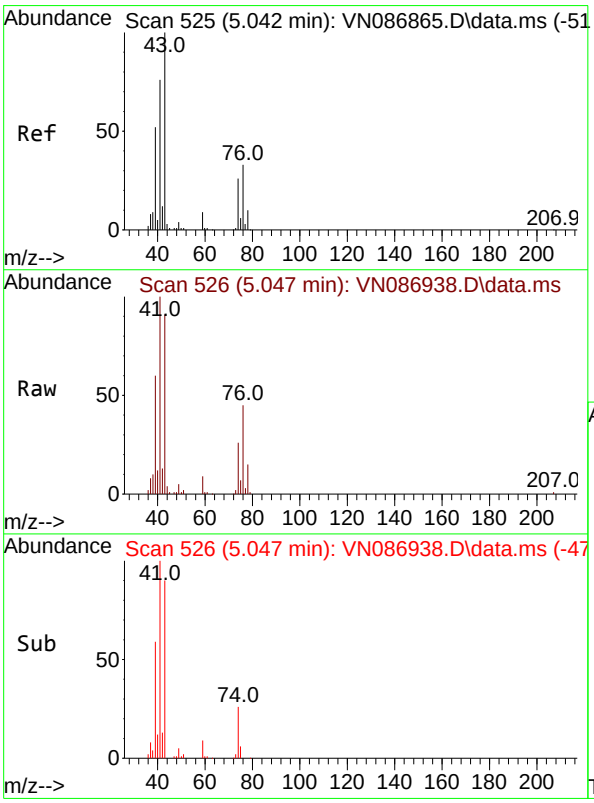
#13
Acrolein
Concen: 56.496 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 11481

Ion	Ratio	Lower	Upper
56	100		
55	73.7	55.6	83.4

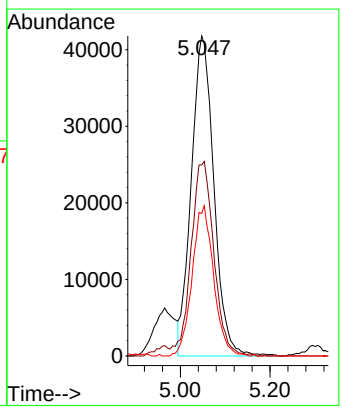


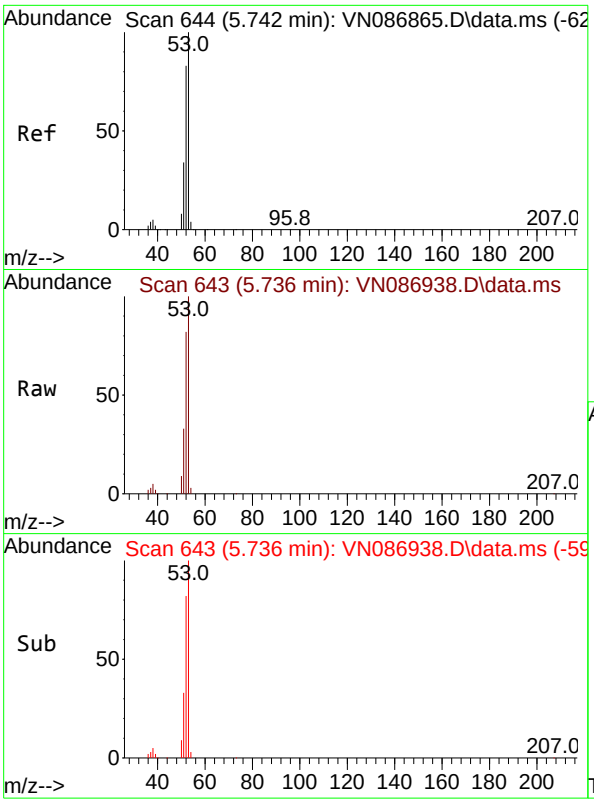


#14
Allyl chloride
Concen: 44.771 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 41 Resp: 146046

Ion	Ratio	Lower	Upper
41	100		
39	61.5	51.3	76.9
76	44.6	31.4	47.0



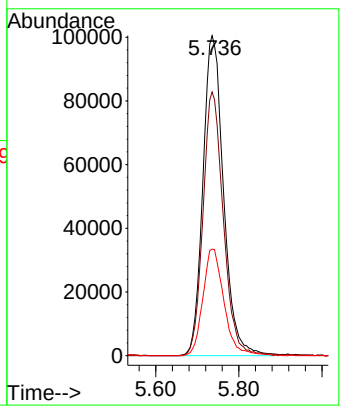


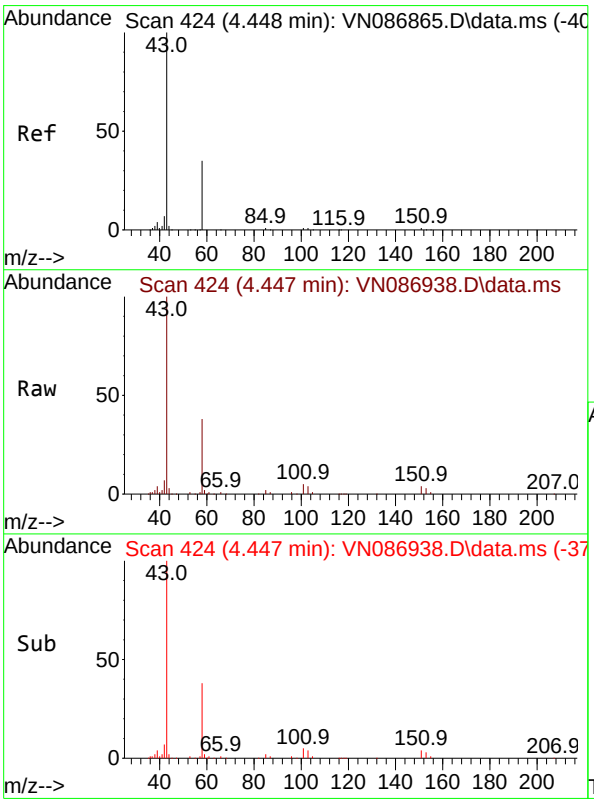
#15
Acrylonitrile
Concen: 230.949 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 346563

Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.6
51	34.0	27.2	40.8

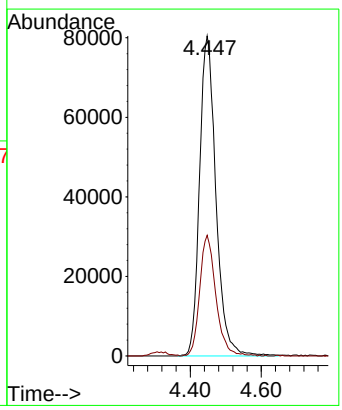


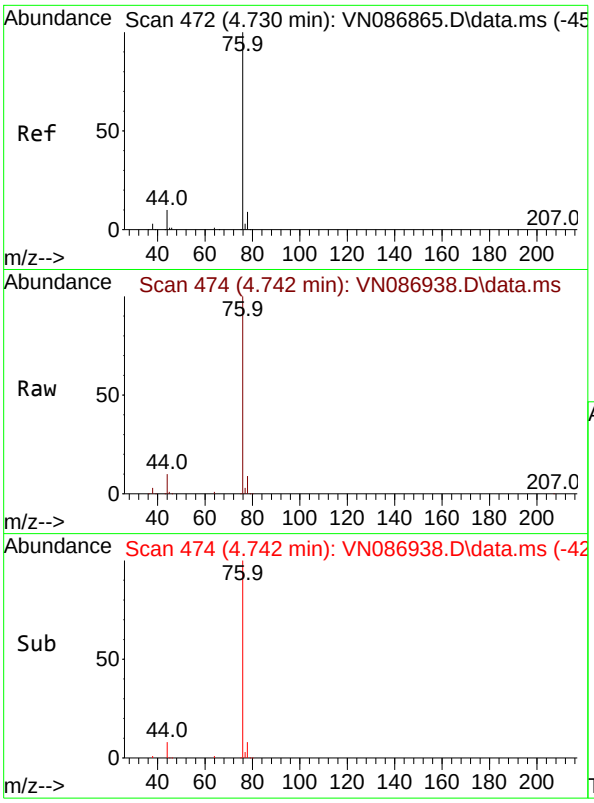


#16
Acetone
Concen: 205.910 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 258365

Ion	Ratio	Lower	Upper
43	100		
58	37.5	28.0	42.0



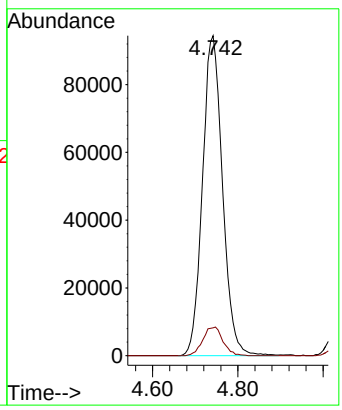


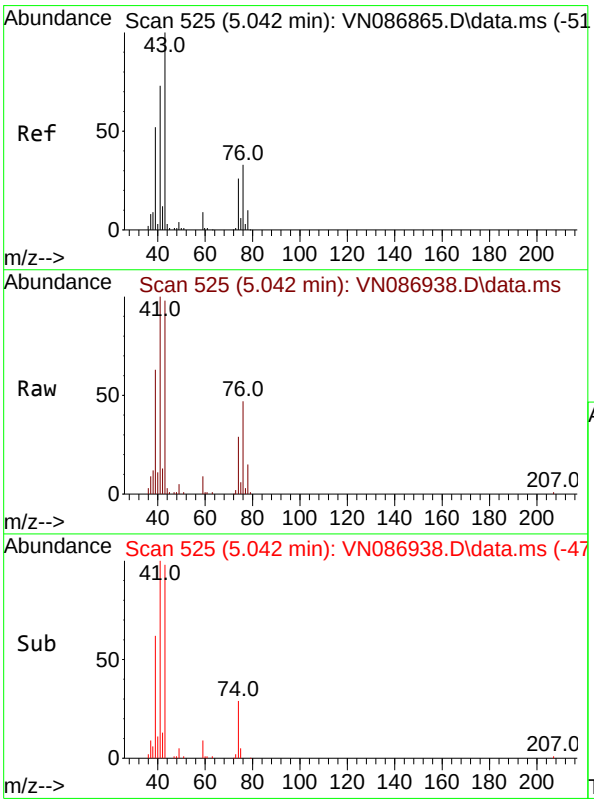
#17
Carbon Disulfide
Concen: 56.720 ug/l
RT: 4.742 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 308599

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

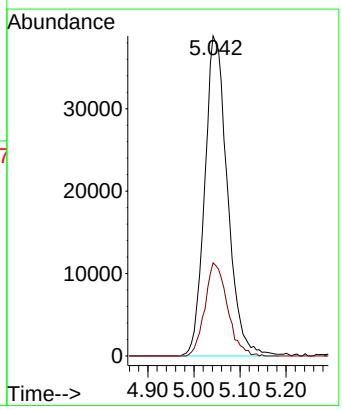


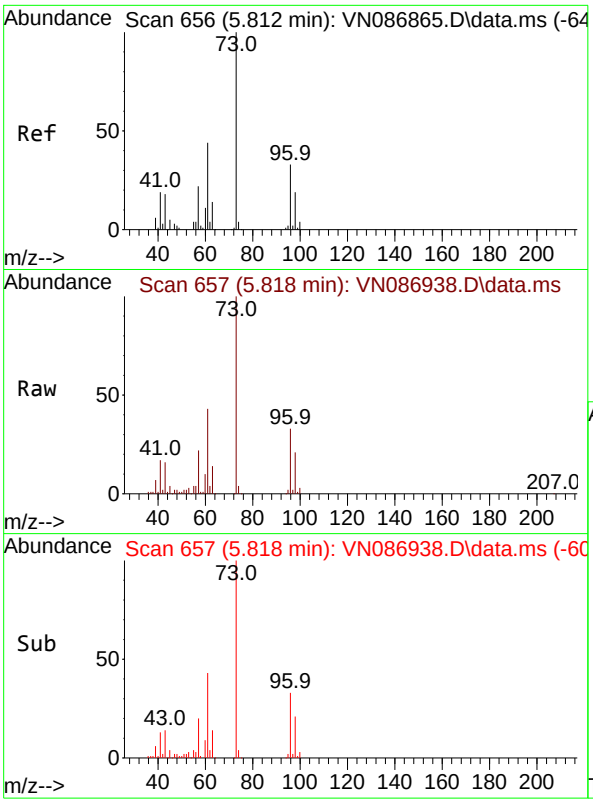


#18
Methyl Acetate
Concen: 36.453 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 133291

Ion	Ratio	Lower	Upper
43	100		
74	28.9	20.7	31.1



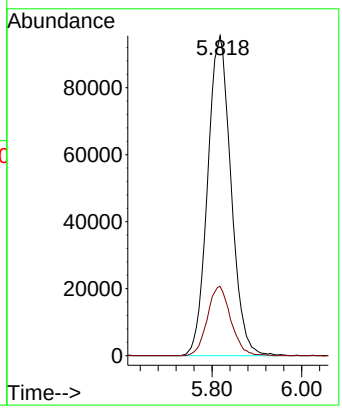


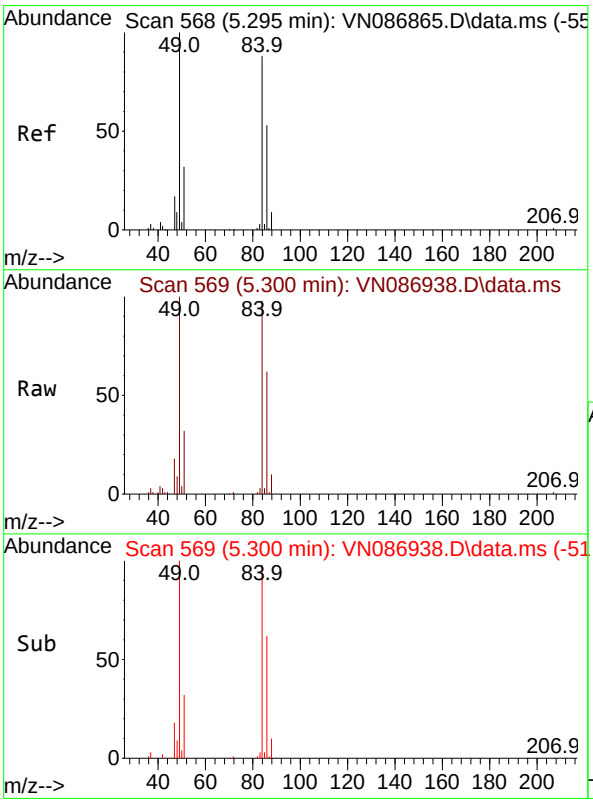
#19
Methyl tert-butyl Ether
Concen: 48.534 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 345648

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2

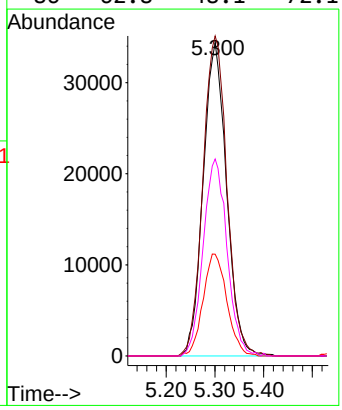


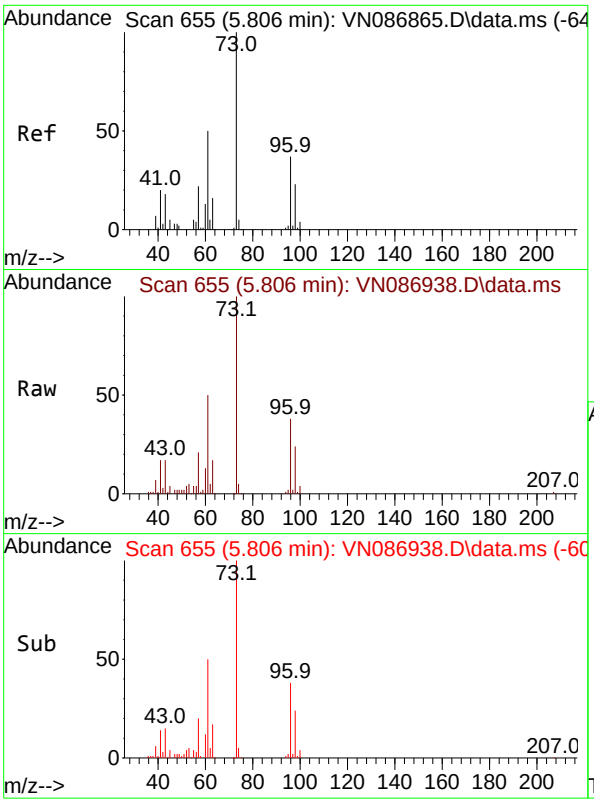


#20
Methylene Chloride
Concen: 48.781 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 84 Resp: 114593

Ion	Ratio	Lower	Upper
84	100		
49	102.1	90.5	135.7
51	32.5	28.5	42.7
86	62.8	48.1	72.1



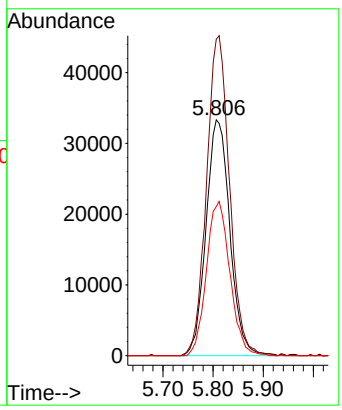


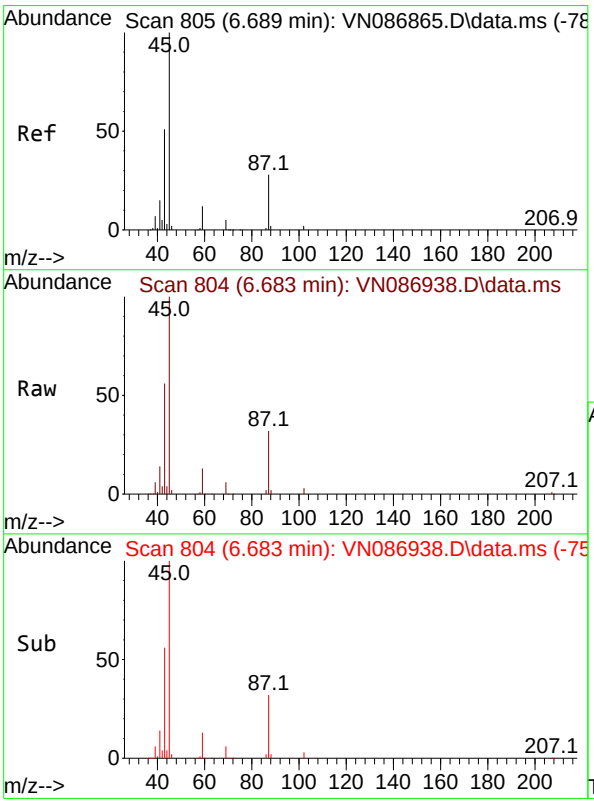
#21
trans-1,2-Dichloroethene
Concen: 50.322 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 110123

Ion	Ratio	Lower	Upper
96	100		
61	134.2	109.2	163.8
98	63.2	49.8	74.8

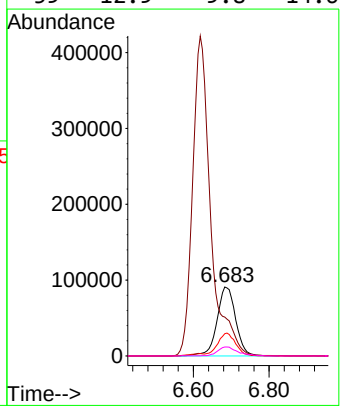


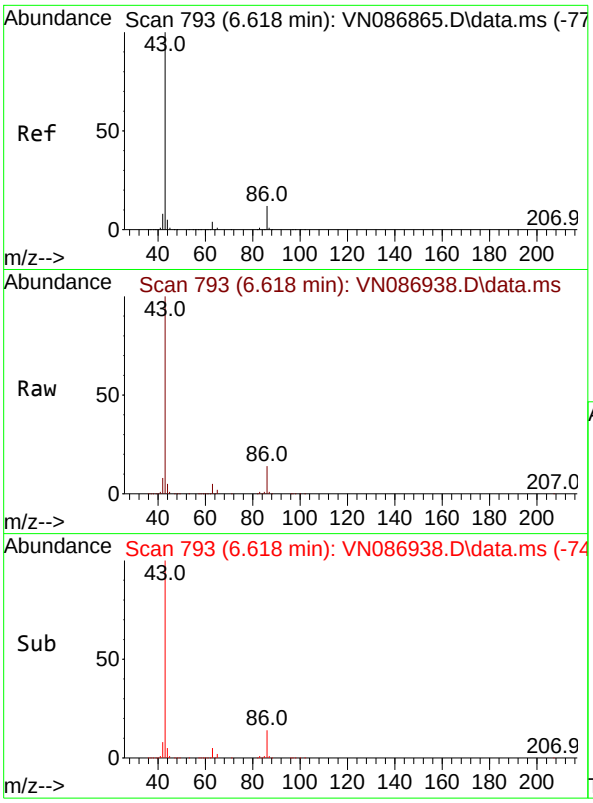


#22
Diisopropyl ether
Concen: 45.335 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 45 Resp: 311728

Ion	Ratio	Lower	Upper
45	100		
43	55.8	41.9	62.9
87	32.2	22.4	33.6
59	12.9	9.8	14.6



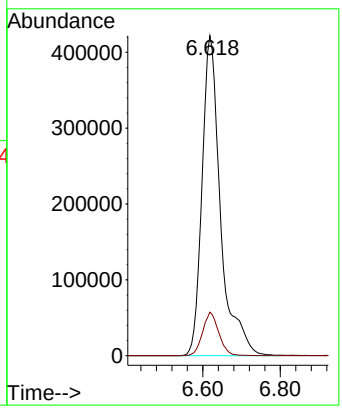


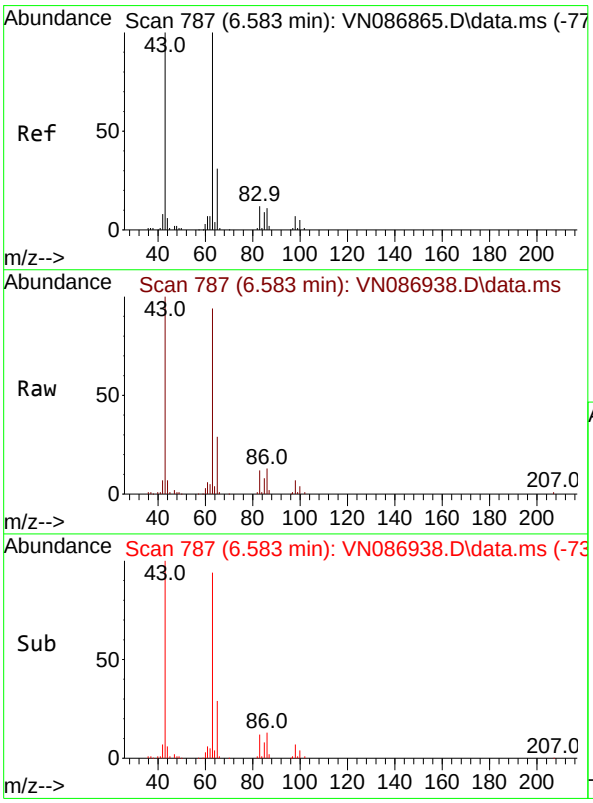
#23
Vinyl Acetate
Concen: 240.591 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1397734

Ion	Ratio	Lower	Upper
43	100		
86	13.6	9.5	14.3

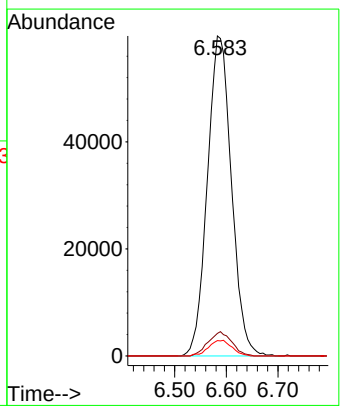


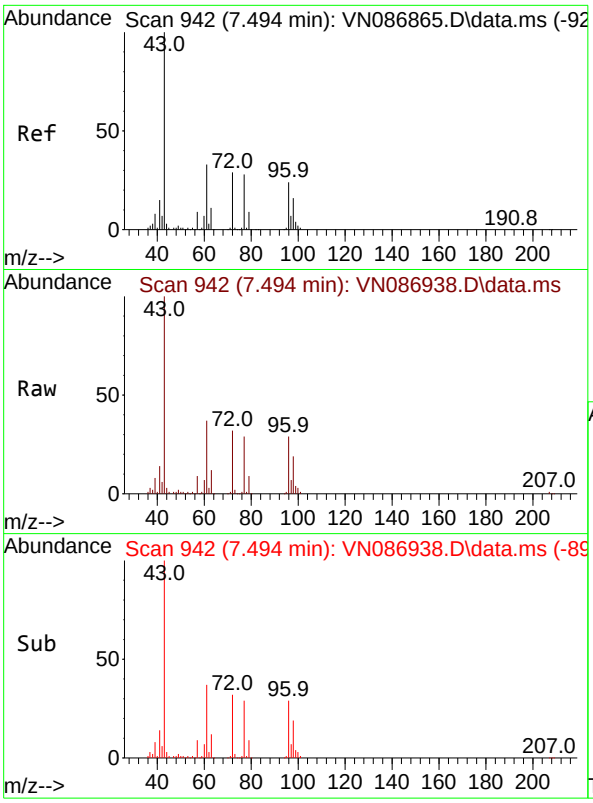


#24
1,1-Dichloroethane
Concen: 48.891 ug/l
RT: 6.583 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 63 Resp: 193464

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.6	10.8
100	4.8	2.6	7.8



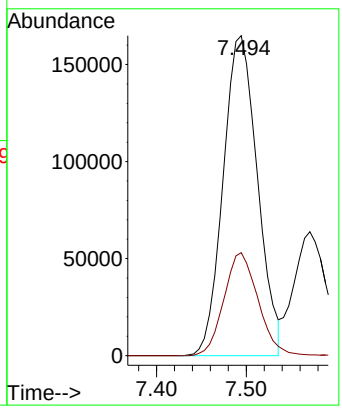


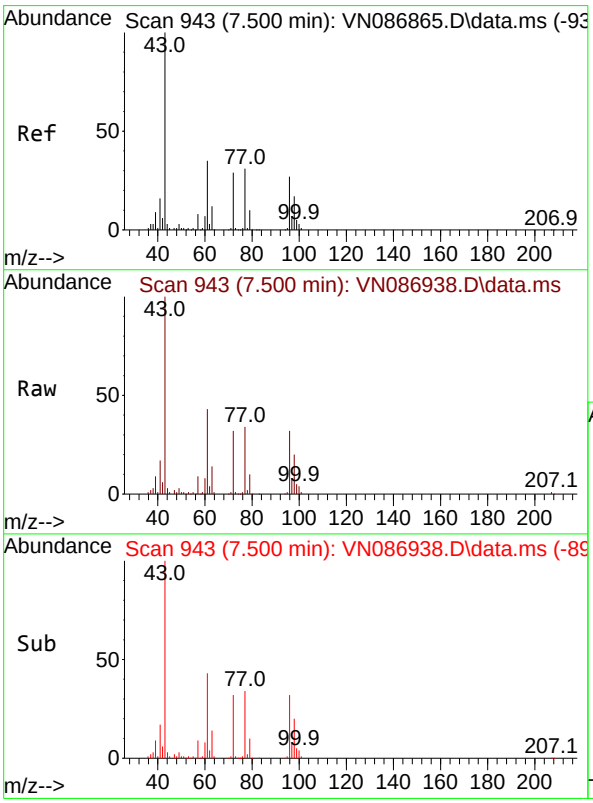
#25
2-Butanone
Concen: 214.715 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 437923

Ion	Ratio	Lower	Upper
43	100		
72	32.2	23.0	34.6

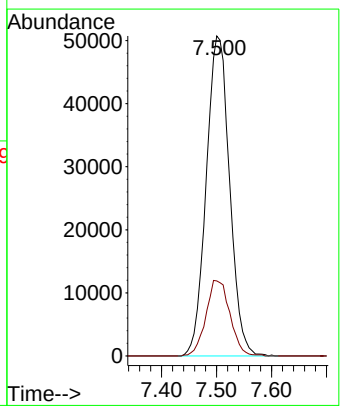


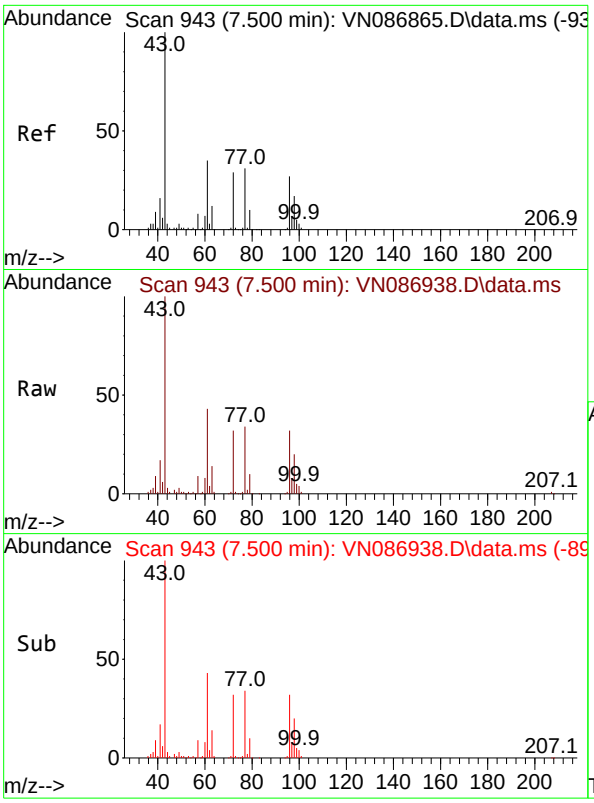


#26
2,2-Dichloropropane
Concen: 48.602 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 77 Resp: 149604

Ion	Ratio	Lower	Upper
77	100		
97	24.3	11.6	34.7



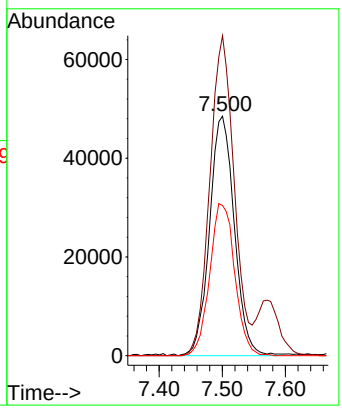


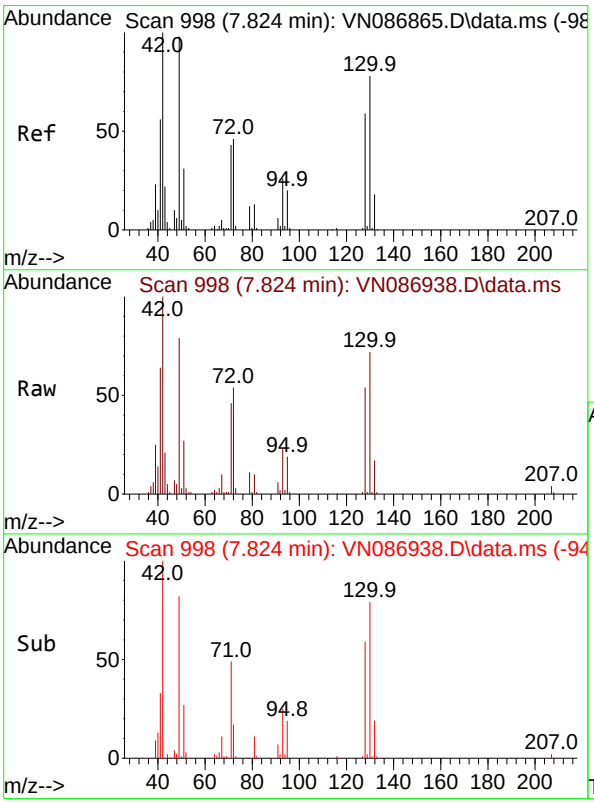
#27
cis-1,2-Dichloroethene
Concen: 50.666 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 132603

Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	278.0
98	64.0	0.0	128.2

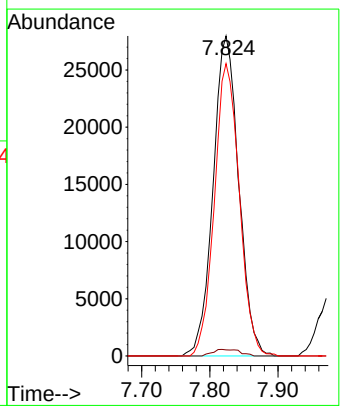


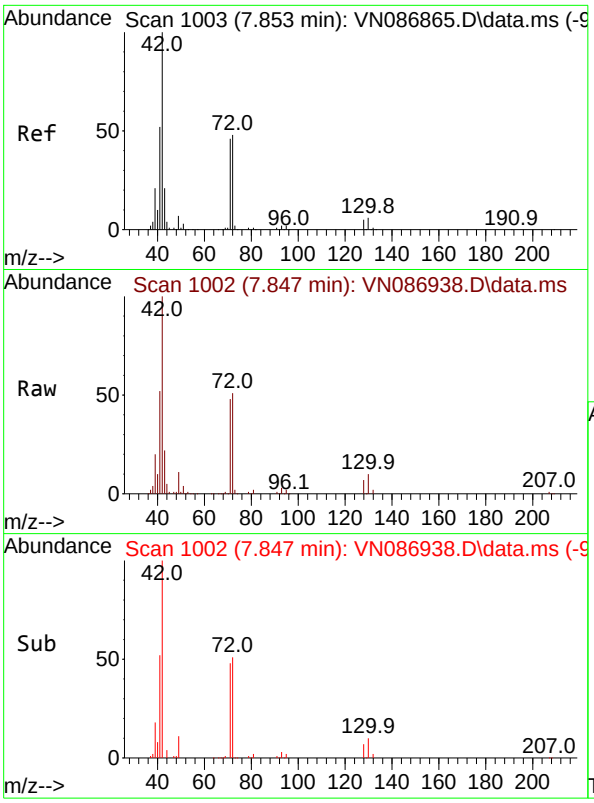


#28
Bromochloromethane
Concen: 37.695 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 49 Resp: 73339

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	88.5	62.2	93.2



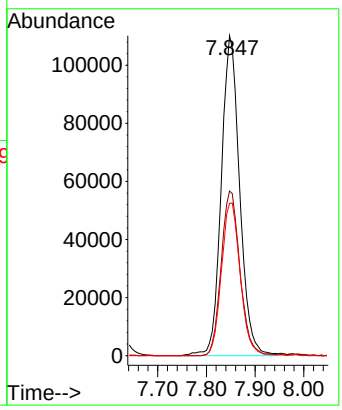


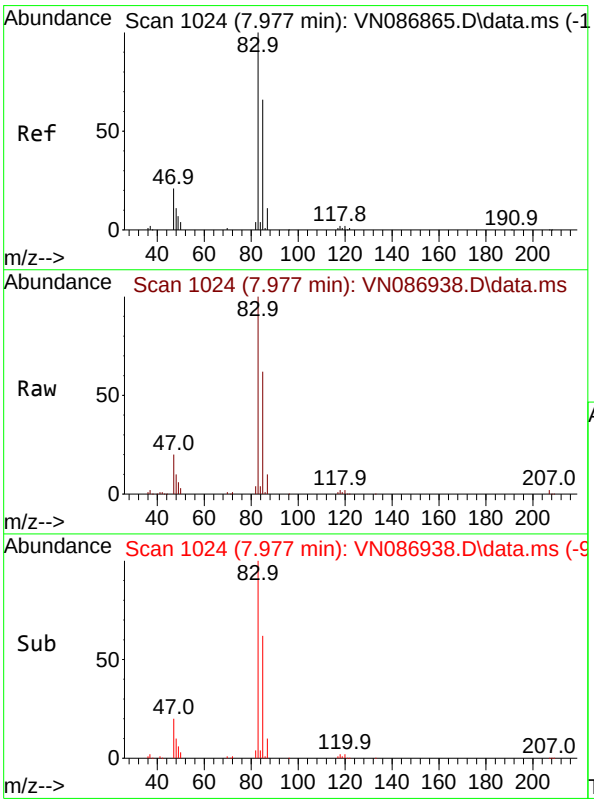
#29
Tetrahydrofuran
Concen: 218.662 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 290520

Ion	Ratio	Lower	Upper
42	100		
72	52.4	37.8	56.6
71	48.7	35.6	53.4

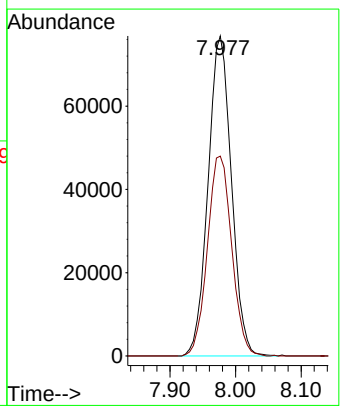


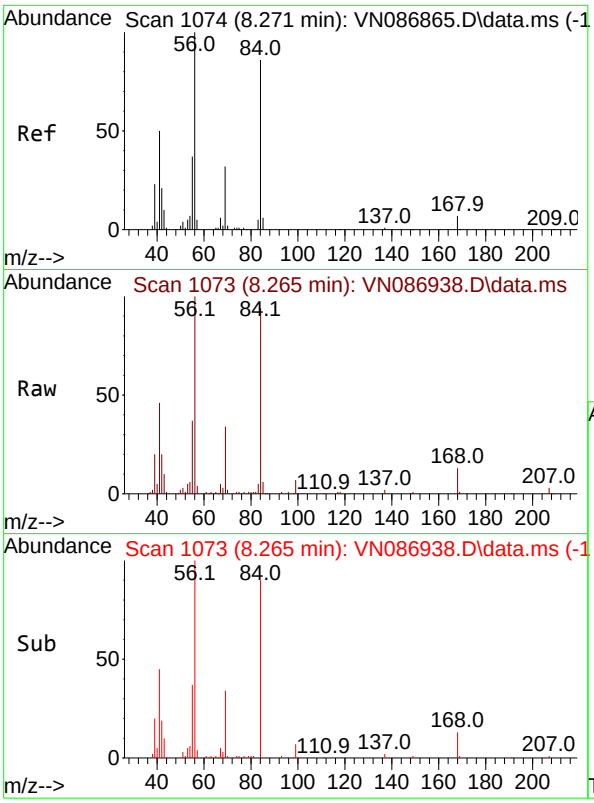


#30
Chloroform
Concen: 48.039 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 83 Resp: 189838

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.9	79.3



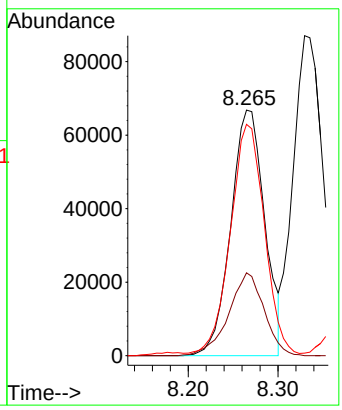


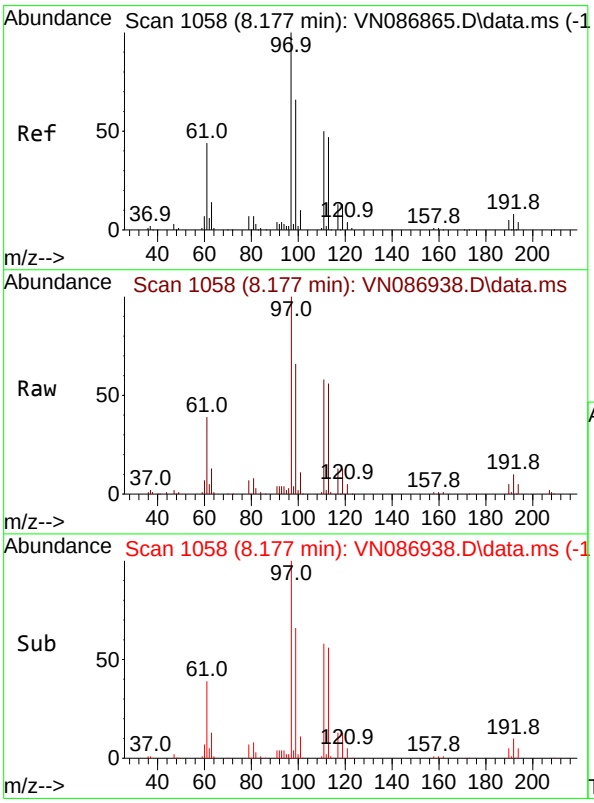
#31
Cyclohexane
Concen: 45.811 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 175800

Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.4	38.0
84	93.0	68.8	103.2

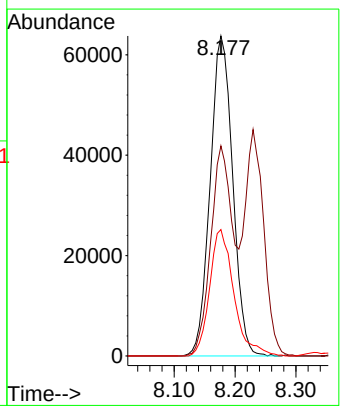


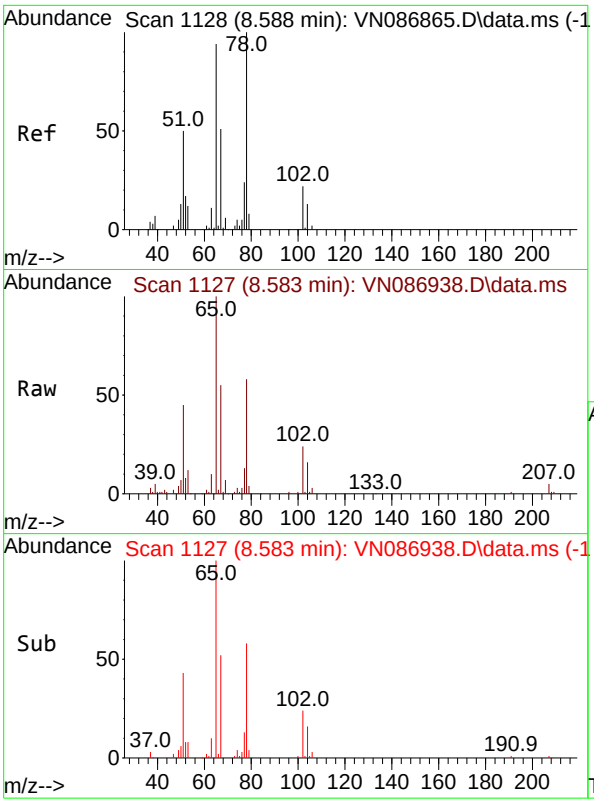


#32
1,1,1-Trichloroethane
Concen: 48.711 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 97 Resp: 163721

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.0	78.0
61	42.6	35.9	53.9



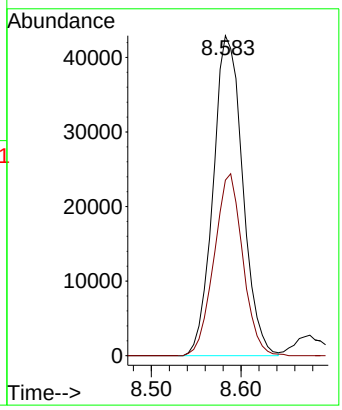


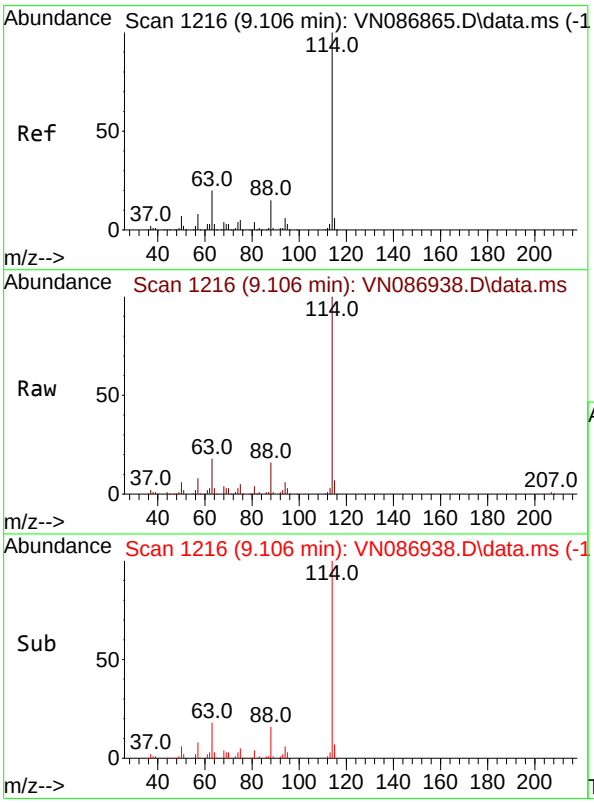
#33
1,2-Dichloroethane-d4
Concen: 41.450 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 98074

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	105.6

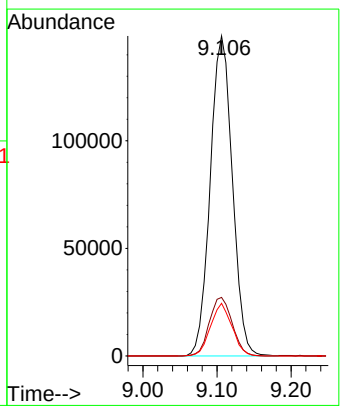


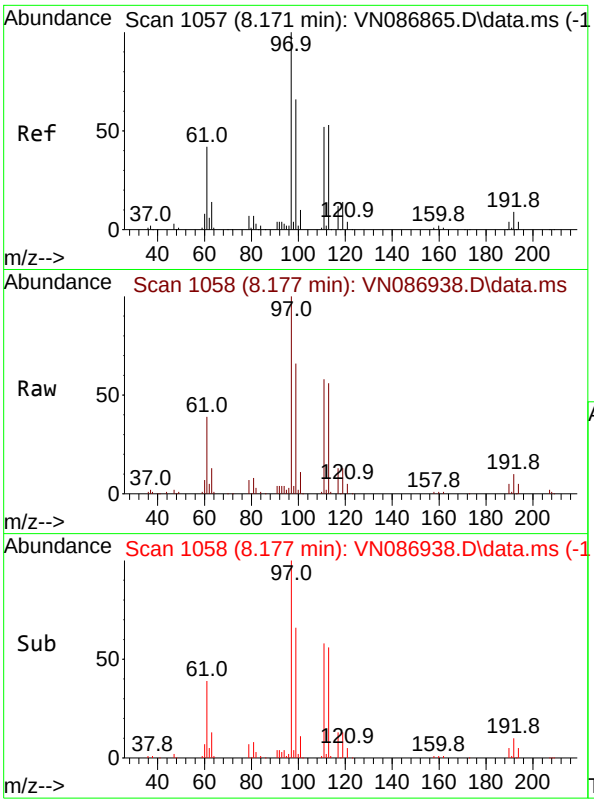


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:114 Resp: 308698

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	39.6
88	16.5	0.0	30.2



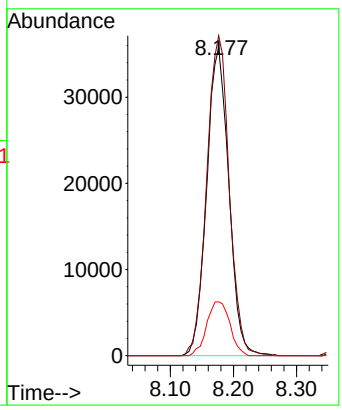


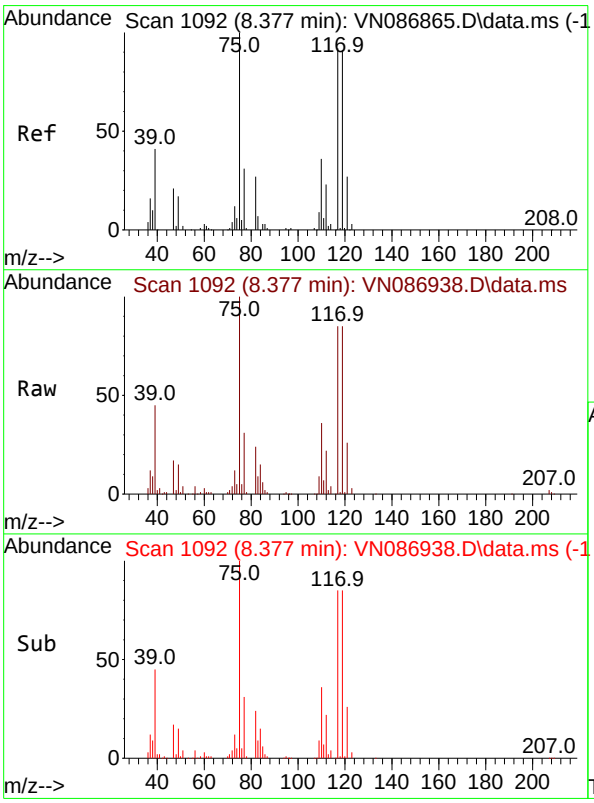
#35
Dibromofluoromethane
Concen: 47.644 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 87160

Ion	Ratio	Lower	Upper
113	100		
111	105.4	84.2	126.2
192	18.3	14.2	21.4

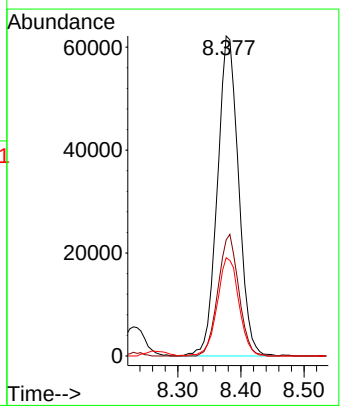


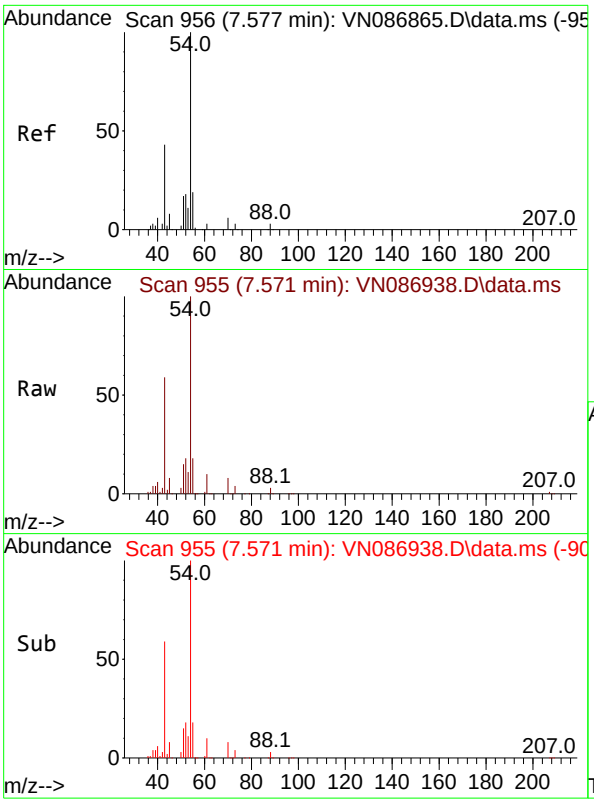


#36
1,1-Dichloropropene
Concen: 53.151 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 144891

Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.6	52.9
77	31.4	25.3	37.9



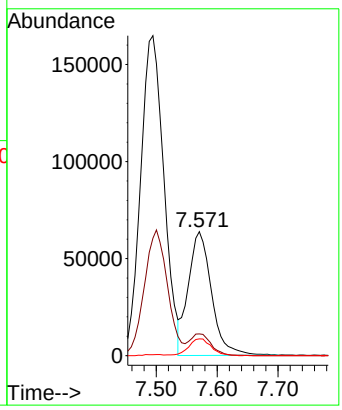


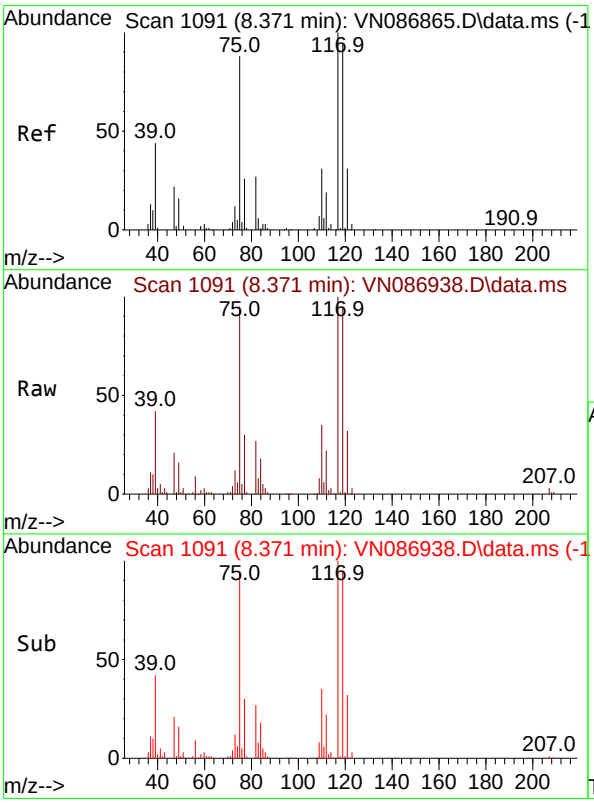
#37
Ethyl Acetate
Concen: 48.826 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 169435

Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.1	18.1
70	13.3	9.8	14.6

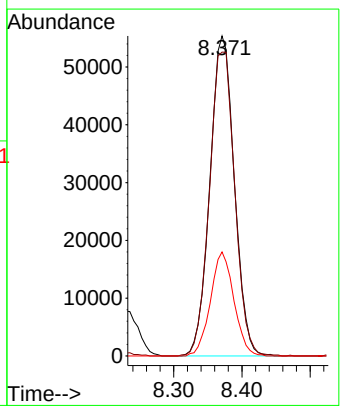


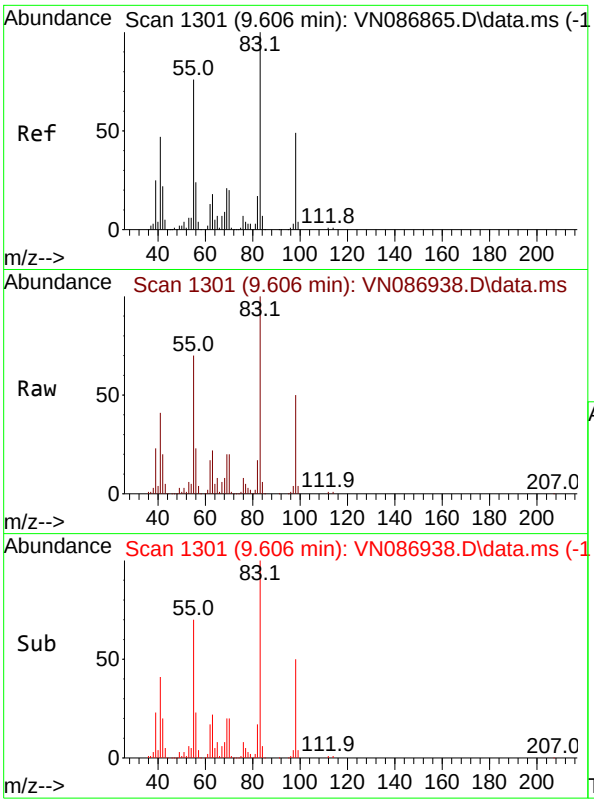


#38
Carbon Tetrachloride
Concen: 51.670 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:117 Resp: 138285

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.0	112.6
121	32.5	24.9	37.3



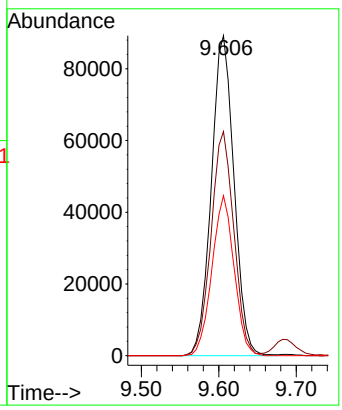


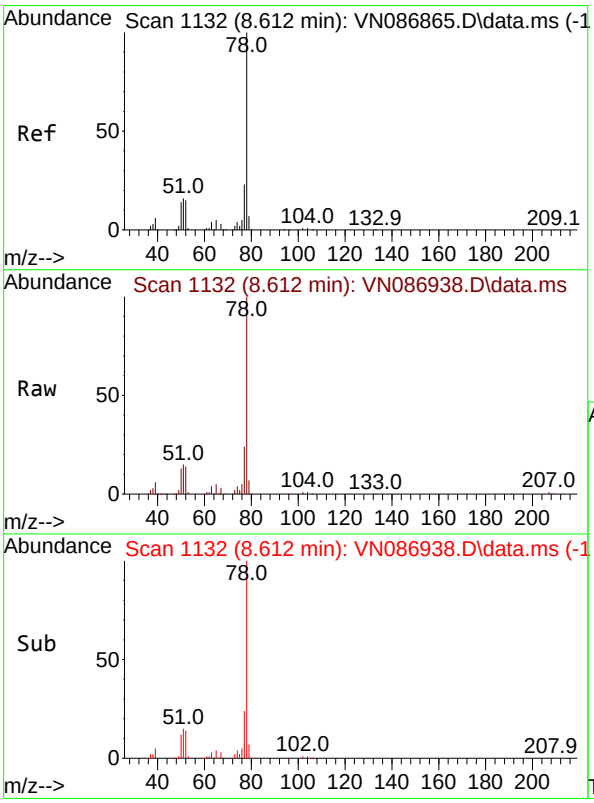
#39
Methylcyclohexane
Concen: 48.565 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 181379

Ion	Ratio	Lower	Upper
83	100		
55	70.0	61.0	91.6
98	50.0	38.9	58.3

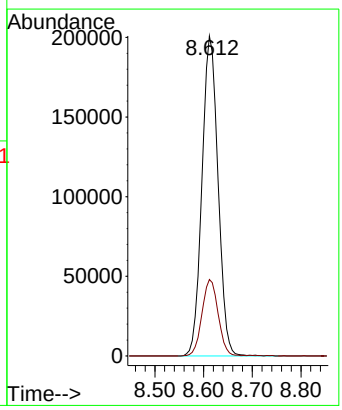


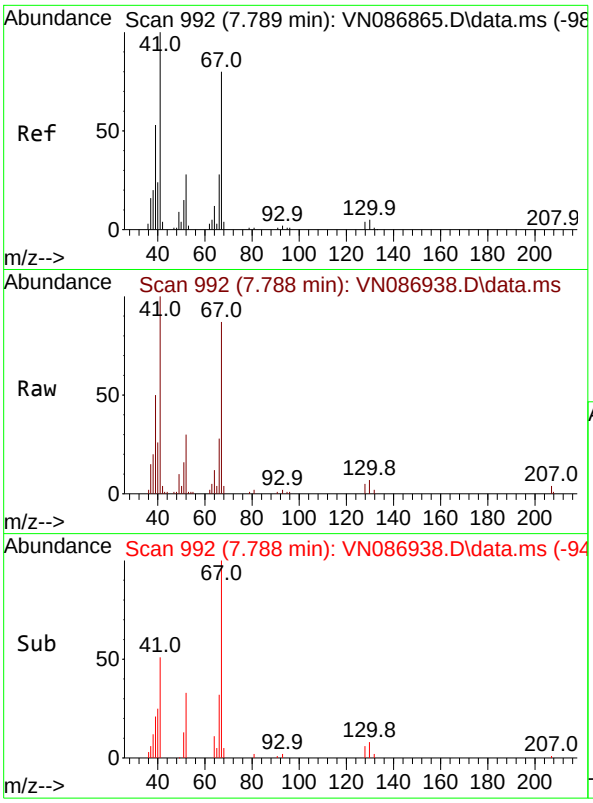


#40
Benzene
Concen: 51.541 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 78 Resp: 459444

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1



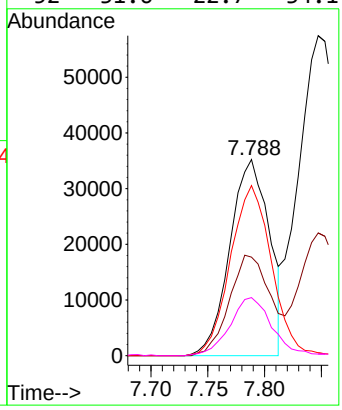


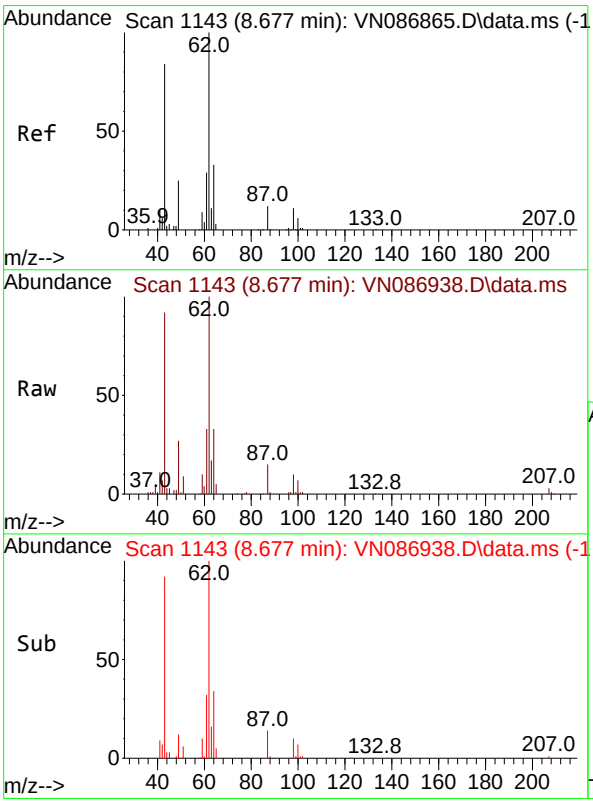
#41
Methacrylonitrile
Concen: 43.757 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 85278

Ion	Ratio	Lower	Upper
41	100		
39	54.3	41.2	61.8
67	90.6	61.4	92.2
52	31.6	22.7	34.1

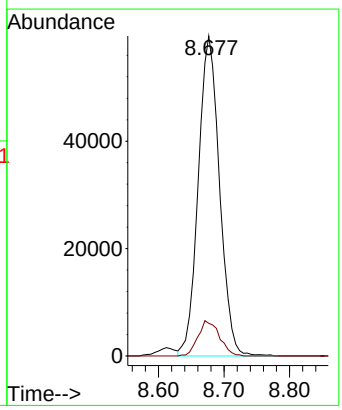


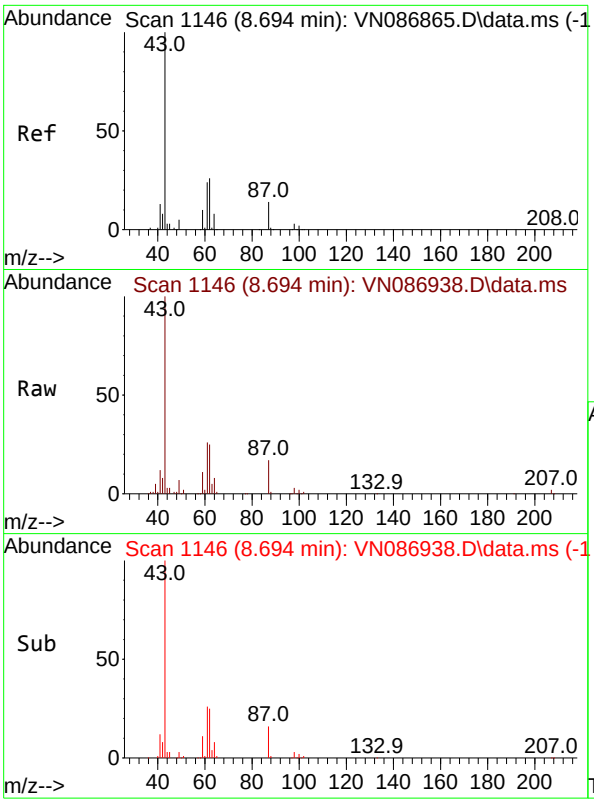


#42
1,2-Dichloroethane
Concen: 49.742 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 62 Resp: 134489

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.2



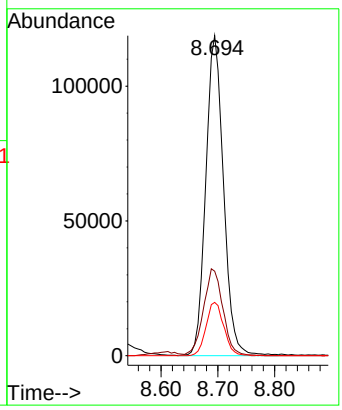


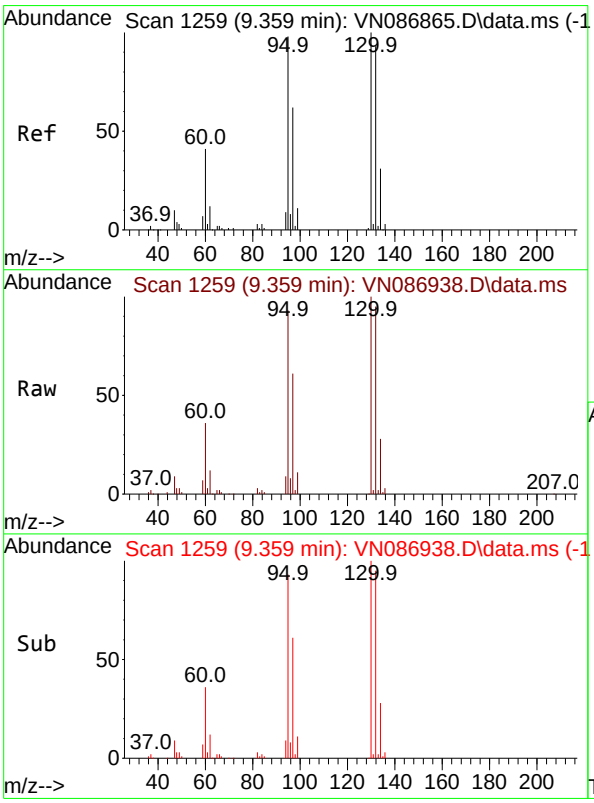
#43
Isopropyl Acetate
Concen: 46.178 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 257199

Ion	Ratio	Lower	Upper
43	100		
61	29.7	22.1	33.1
87	16.6	11.8	17.6

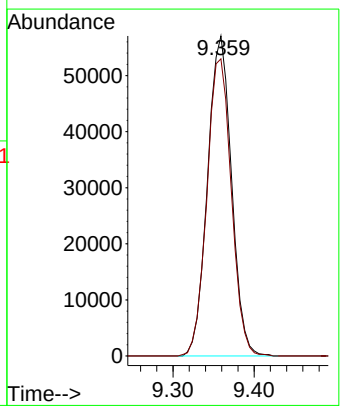


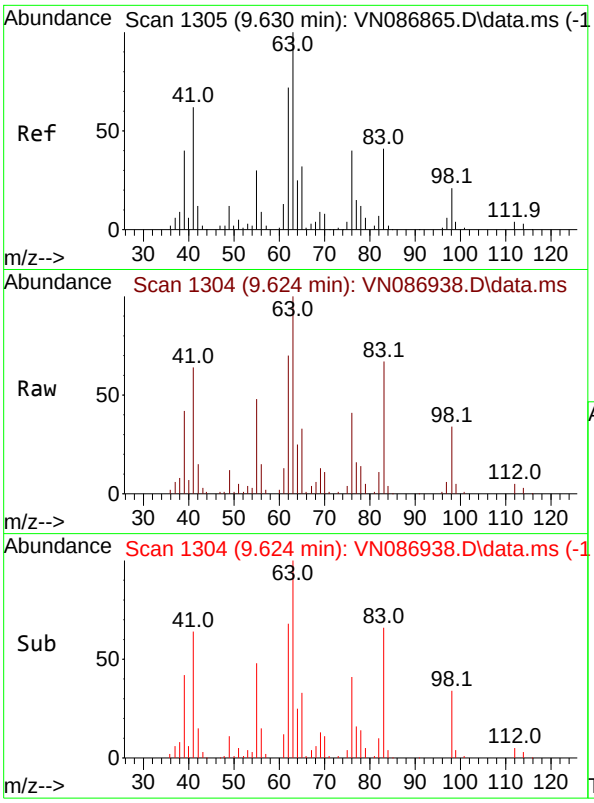


#44
Trichloroethene
Concen: 55.301 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:130 Resp: 116889

Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	196.2



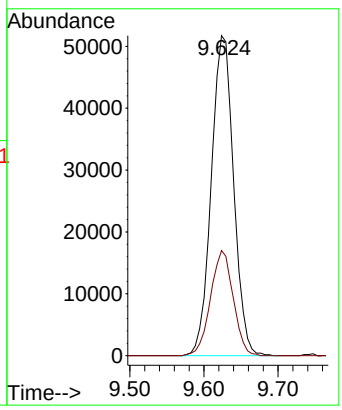


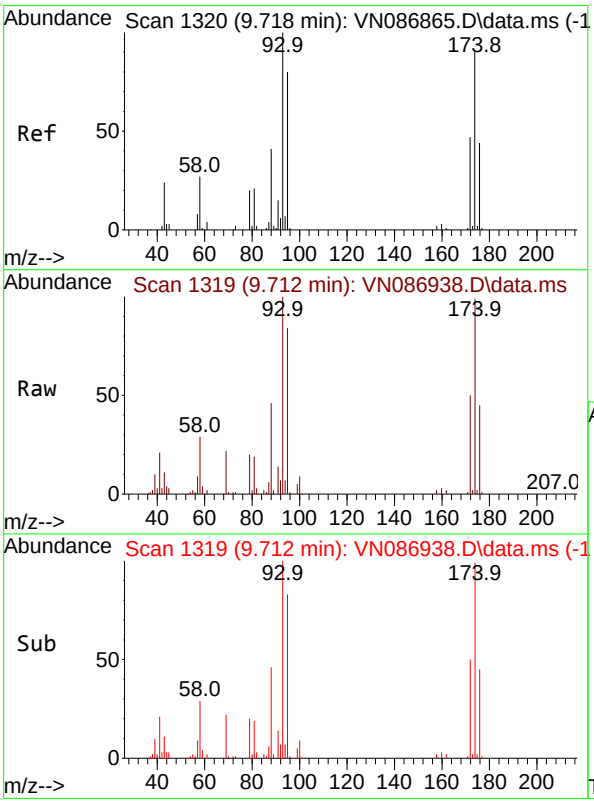
#45
1,2-Dichloropropane
Concen: 49.919 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 108258

Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.5	38.3

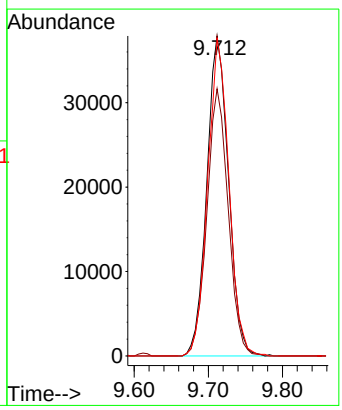


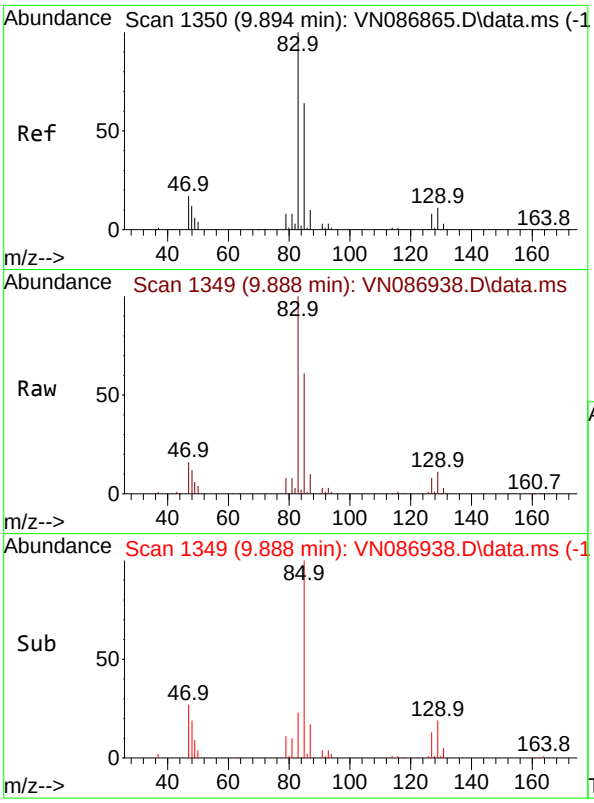


#46
Dibromomethane
Concen: 53.450 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 93 Resp: 76994

Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.1	100.7
174	97.2	74.2	111.4



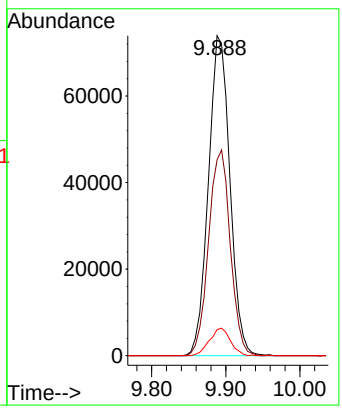


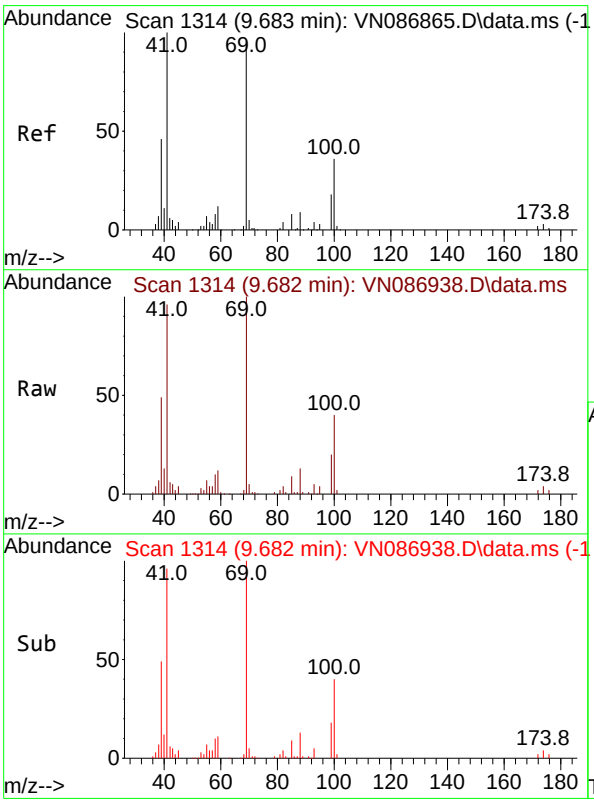
#47
Bromodichloromethane
Concen: 50.334 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 149176

Ion	Ratio	Lower	Upper
83	100		
85	61.2	50.9	76.3
127	8.1	6.6	10.0

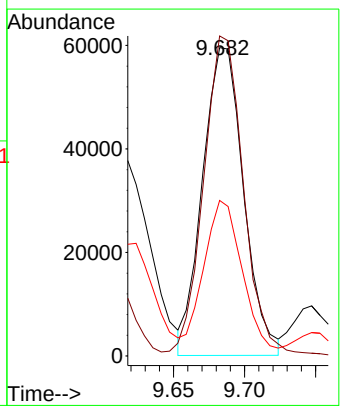


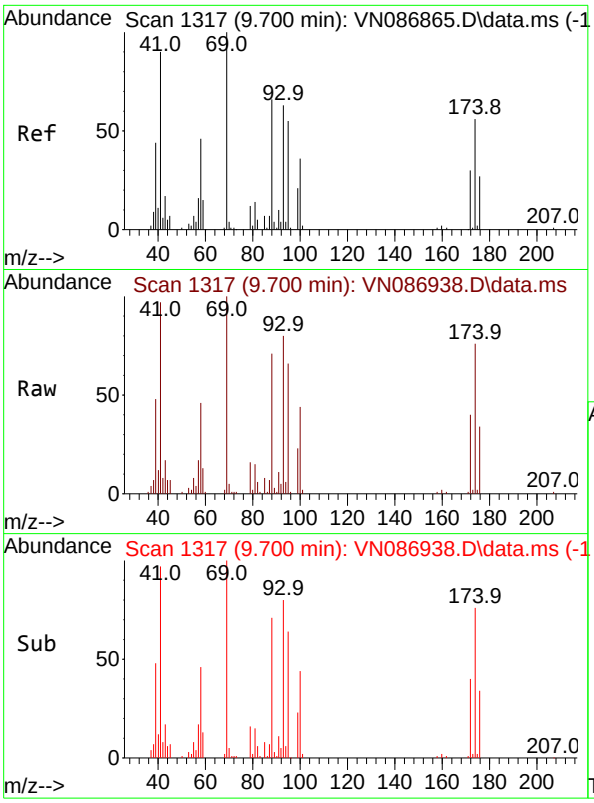


#48
Methyl methacrylate
Concen: 46.638 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 41 Resp: 119559

Ion	Ratio	Lower	Upper
41	100		
69	101.1	74.6	112.0
39	48.6	40.2	60.4



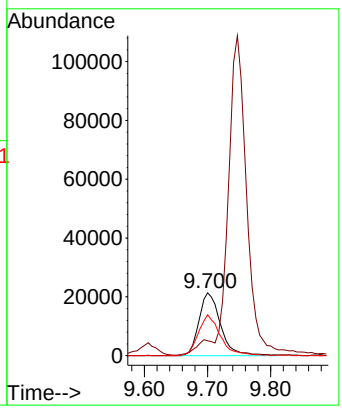


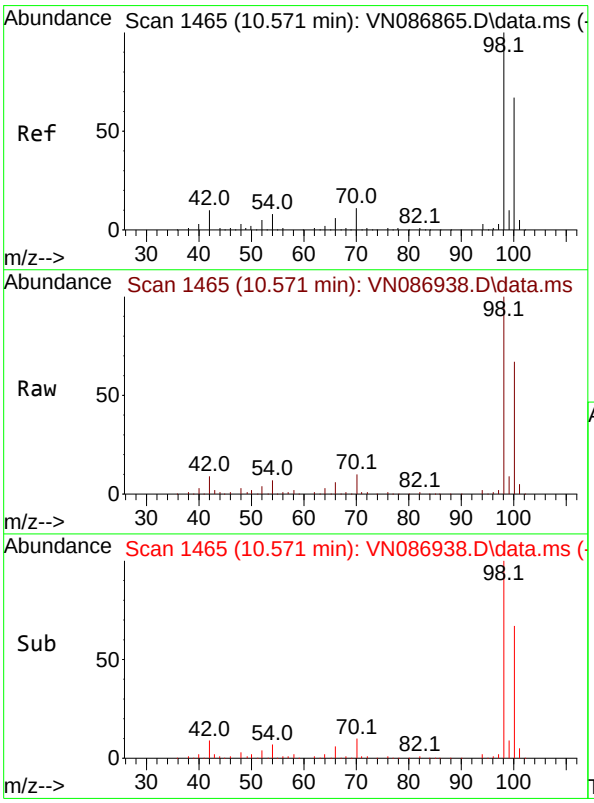
#49
1,4-Dioxane
Concen: 1087.344 ug/l
RT: 9.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 50710

Ion	Ratio	Lower	Upper
88	100		
43	17.7	0.0	0.0#
58	66.1	57.7	86.5

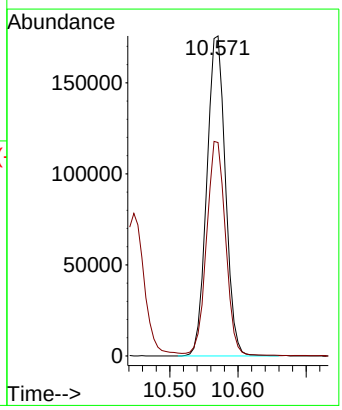


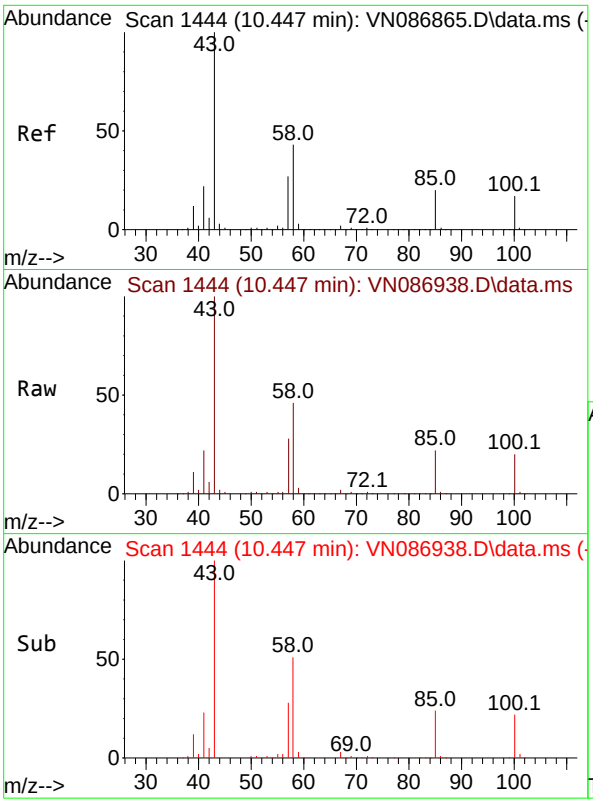


#50
Toluene-d8
Concen: 46.127 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 98 Resp: 334058

Ion	Ratio	Lower	Upper
98	100		
100	68.3	53.4	80.0



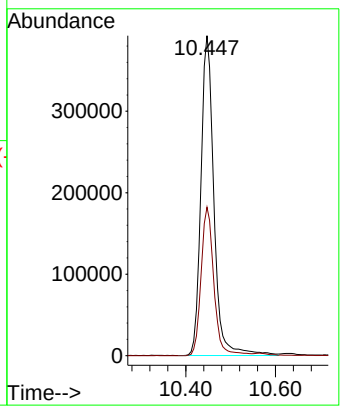


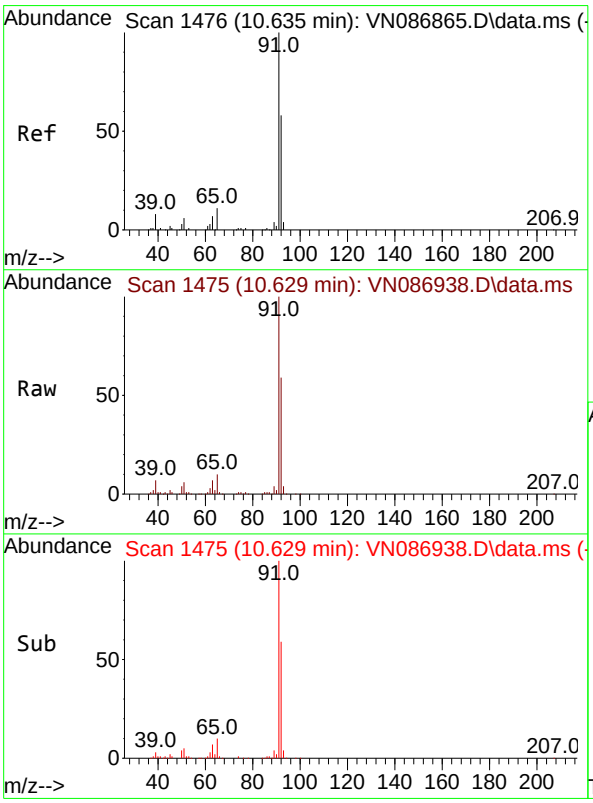
#51
4-Methyl-2-Pentanone
Concen: 235.919 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 791040

Ion	Ratio	Lower	Upper
43	100		
58	45.6	34.2	51.4

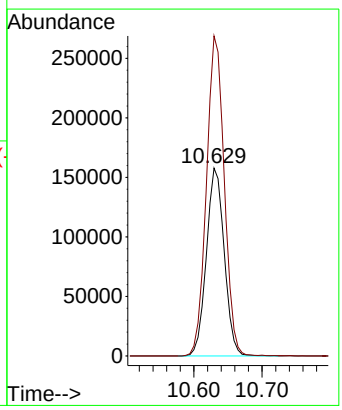


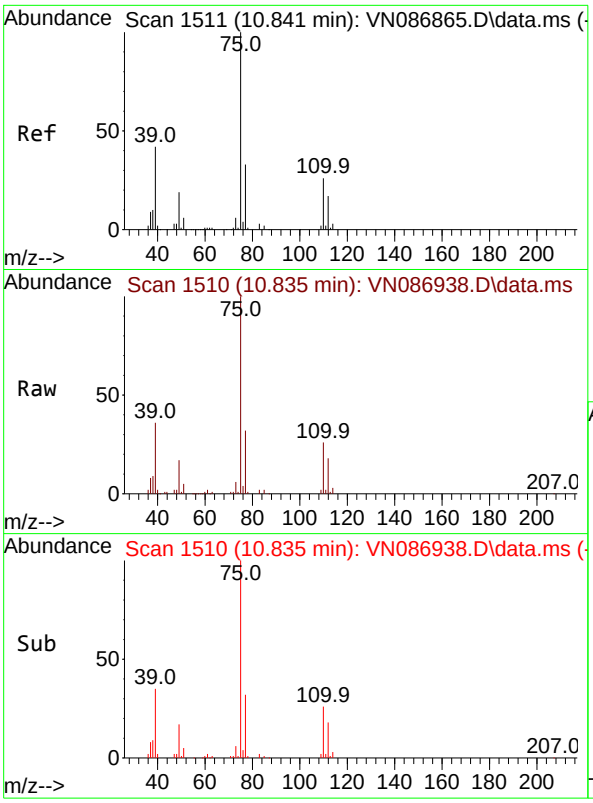


#52
Toluene
Concen: 52.776 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 92 Resp: 287508

Ion	Ratio	Lower	Upper
92	100		
91	170.4	136.5	204.7



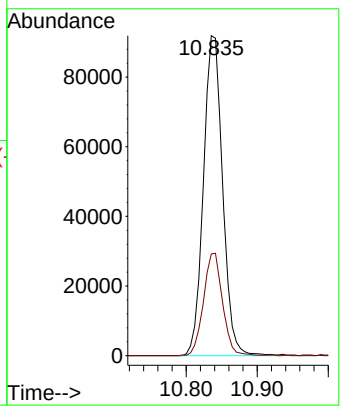


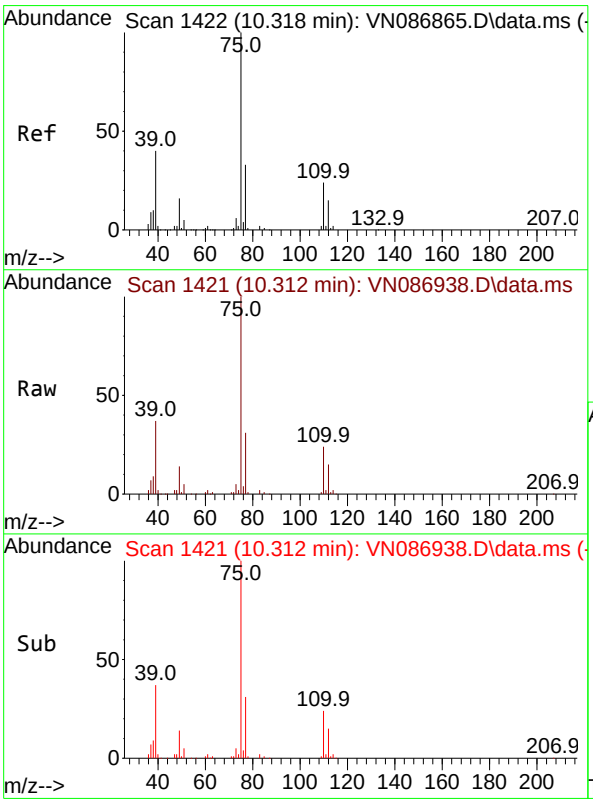
#53
t-1,3-Dichloropropene
Concen: 52.155 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 172844

Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.4	39.6

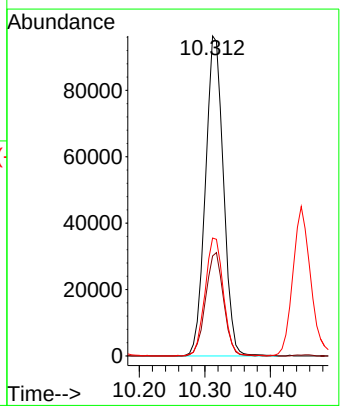


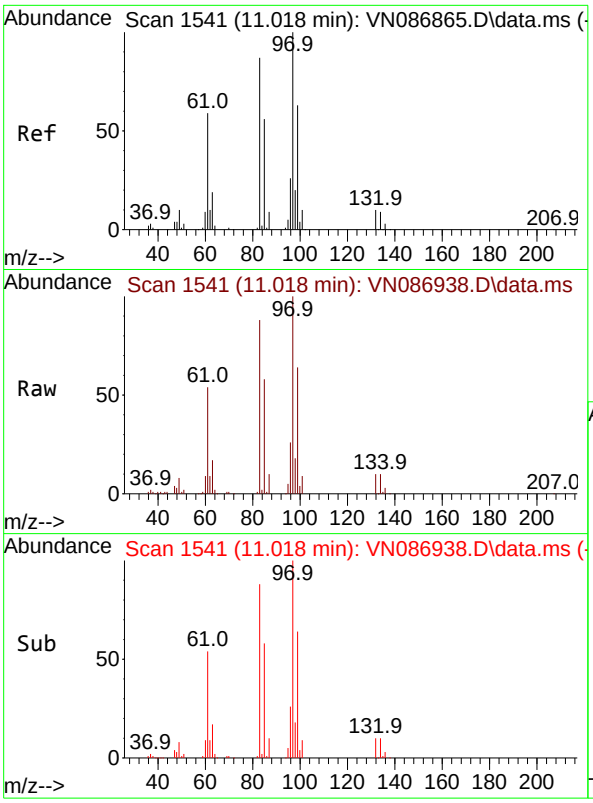


#54
cis-1,3-Dichloropropene
Concen: 51.925 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 184125

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.2	39.4
39	36.7	32.3	48.5



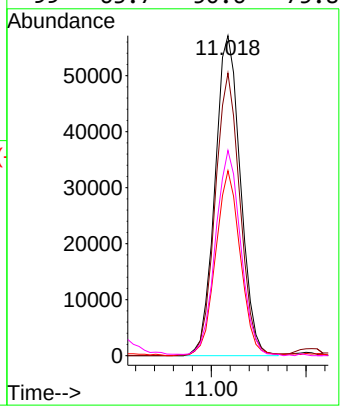


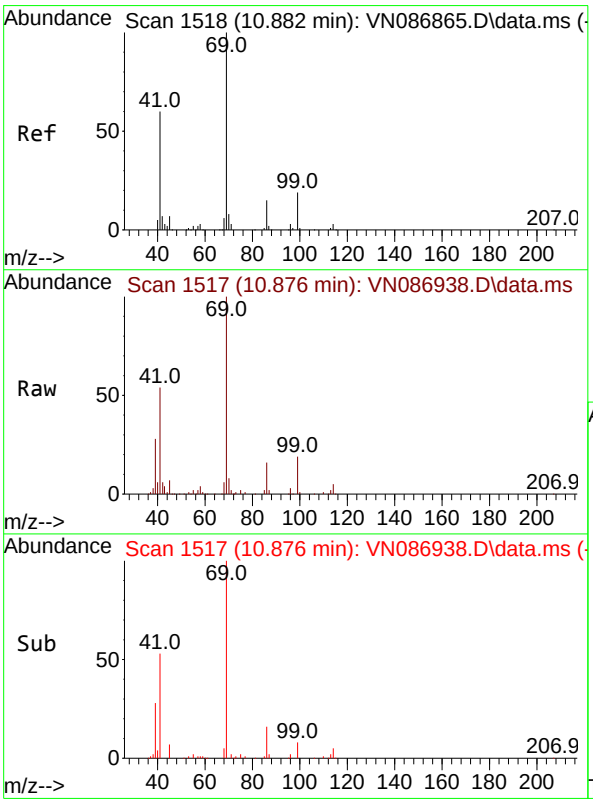
#55
1,1,2-Trichloroethane
Concen: 50.903 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 106701

Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.7	104.5
85	57.5	45.1	67.7
99	63.7	50.6	75.8

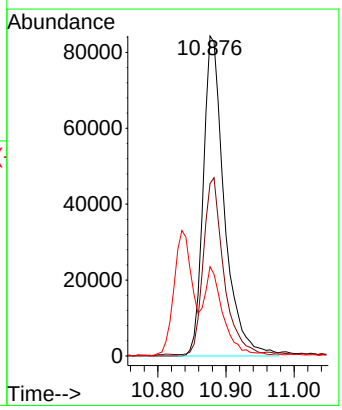


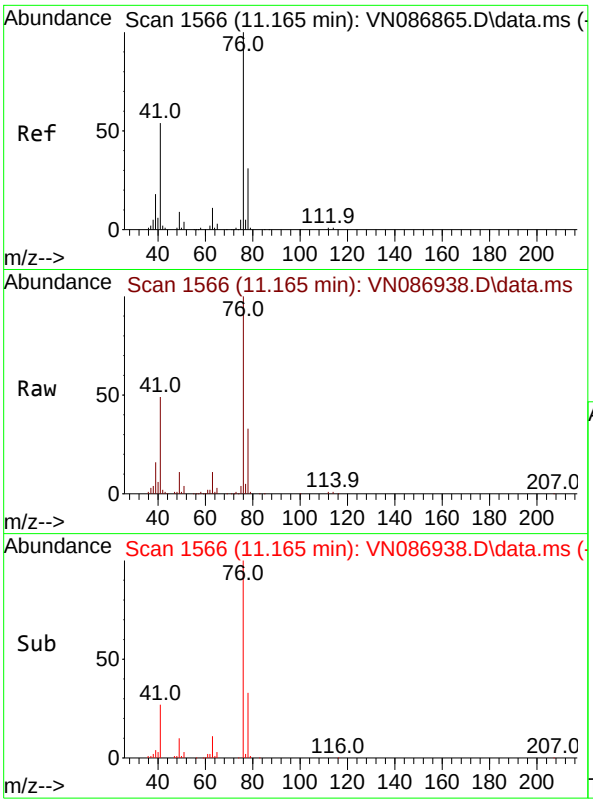


#56
Ethyl methacrylate
Concen: 54.342 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 69 Resp: 181431

Ion	Ratio	Lower	Upper
69	100		
41	53.1	47.2	70.8
39	24.7	23.0	34.6



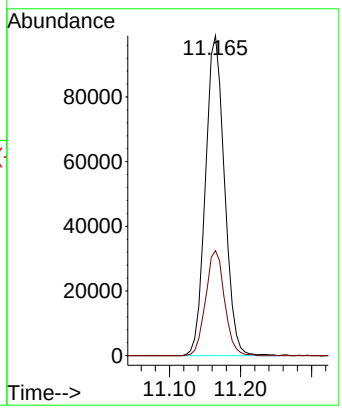


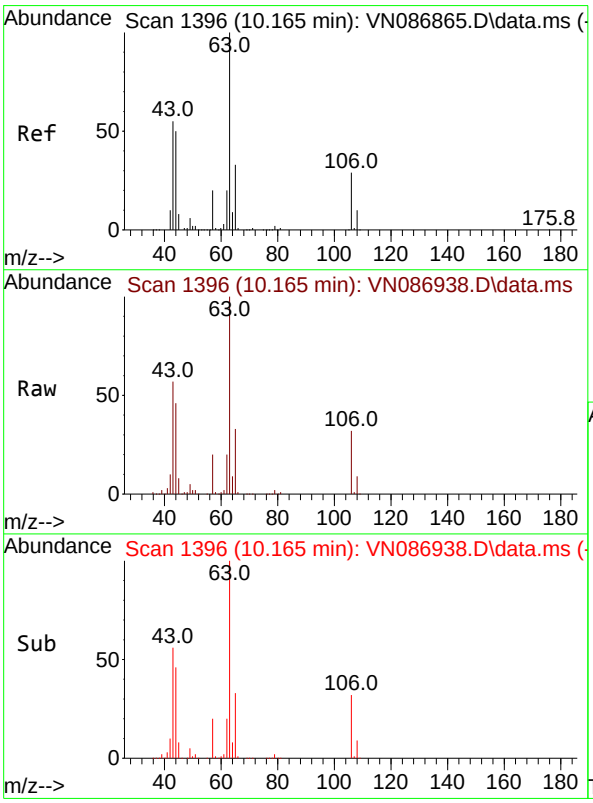
#57
1,3-Dichloropropane
Concen: 50.656 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 184198

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.3	37.9

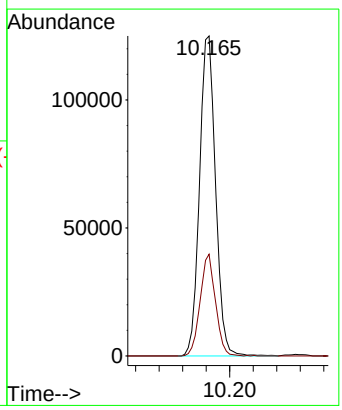


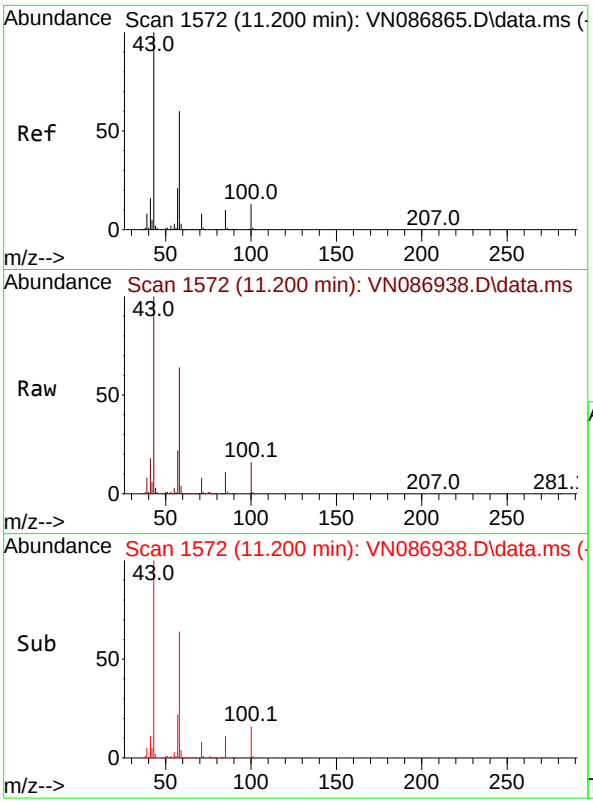


#58
2-Chloroethyl Vinyl ether
Concen: 118.651 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 63 Resp: 236277

Ion	Ratio	Lower	Upper
63	100		
106	30.3	23.0	34.6



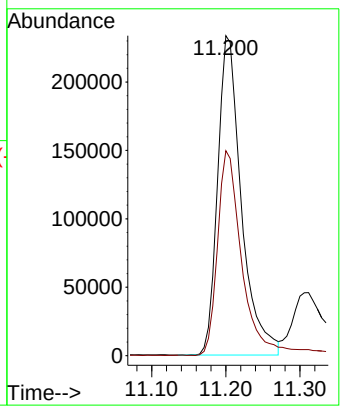


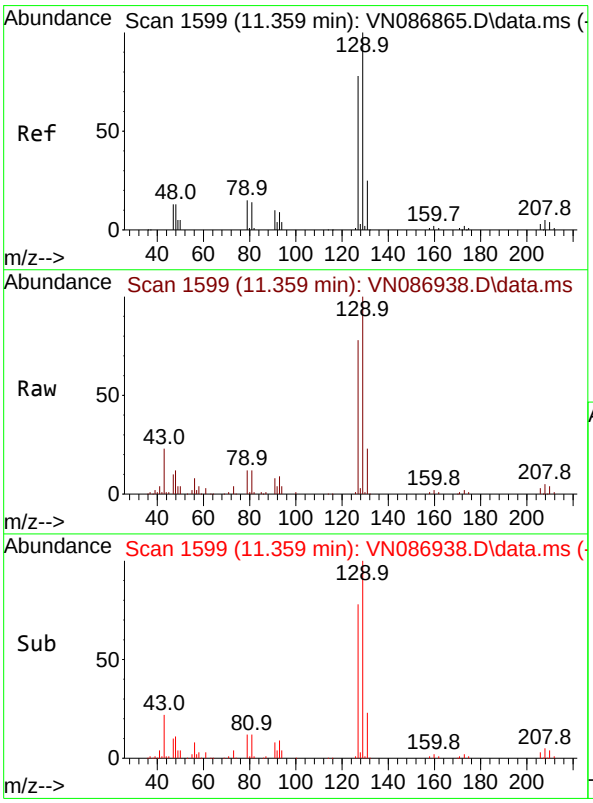
#59
2-Hexanone
Concen: 240.145 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 518664

Ion	Ratio	Lower	Upper
43	100		
58	68.3	30.4	91.3

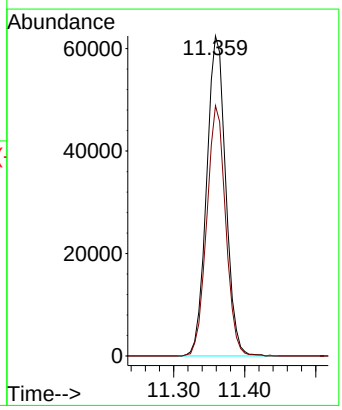


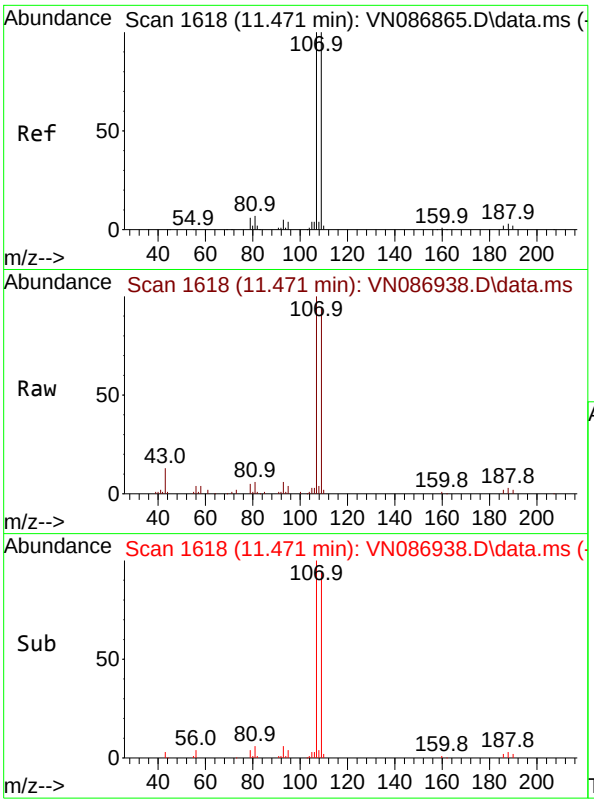


#60
Dibromochloromethane
Concen: 53.416 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:129 Resp: 116659

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	115.8



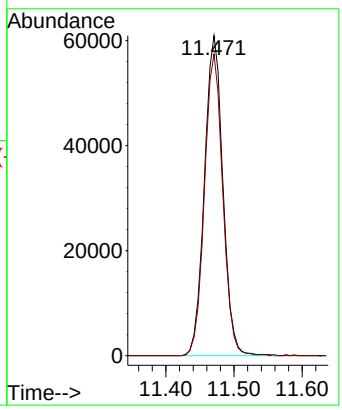


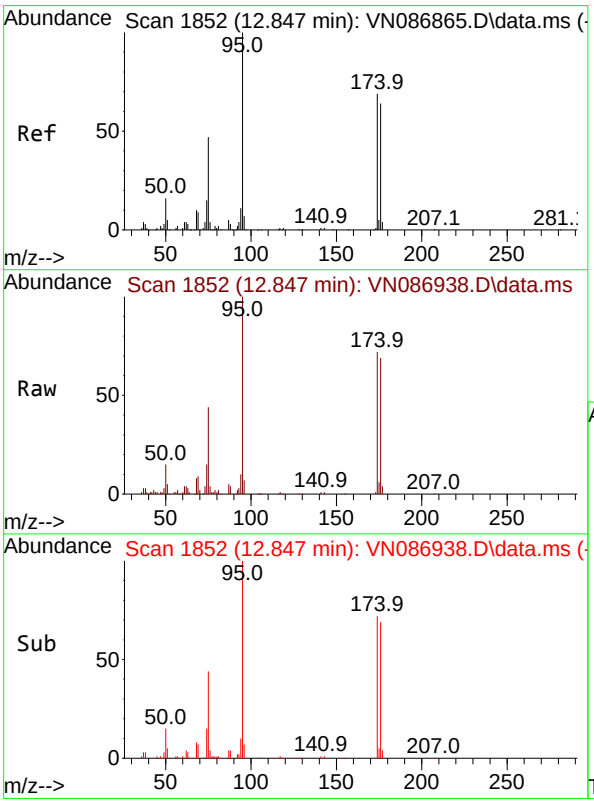
#61
1,2-Dibromoethane
Concen: 53.422 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 114780

Ion	Ratio	Lower	Upper
107	100		
109	93.4	76.3	114.5

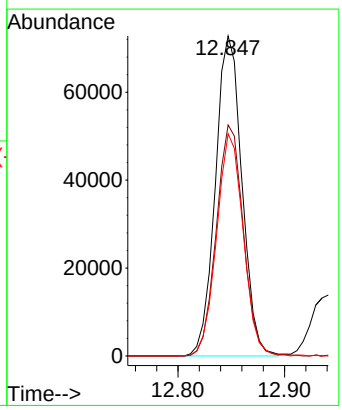


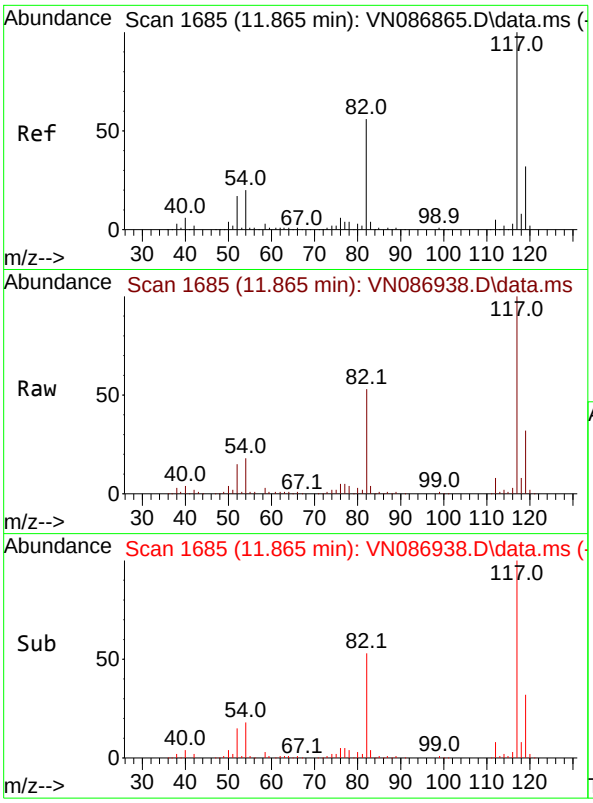


#62
4-Bromofluorobenzene
Concen: 46.767 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 95 Resp: 125834

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	141.8
176	69.6	0.0	132.6



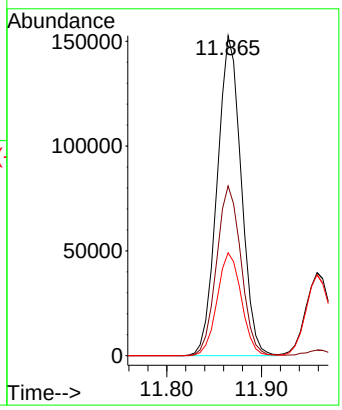


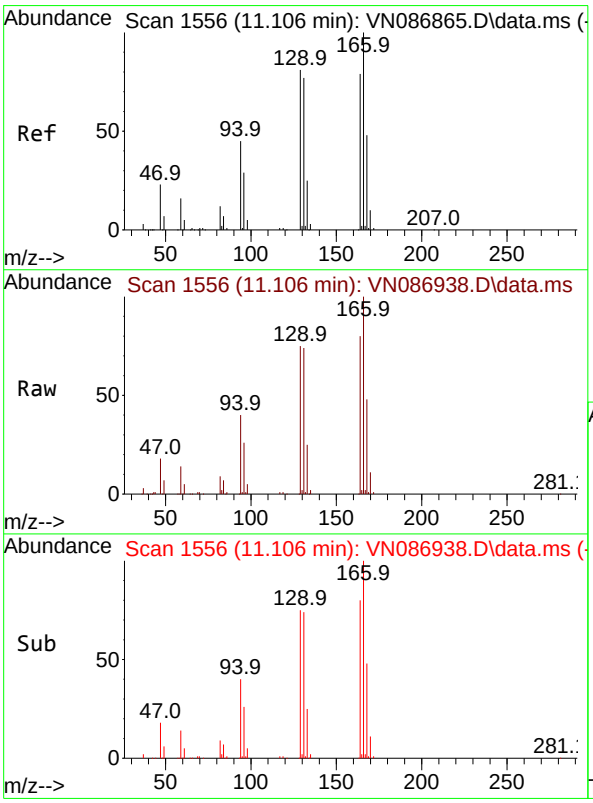
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 269587

Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.6	67.0
119	32.1	25.5	38.3

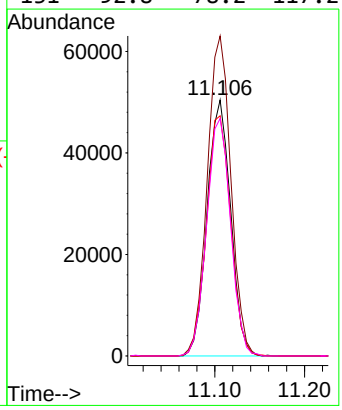


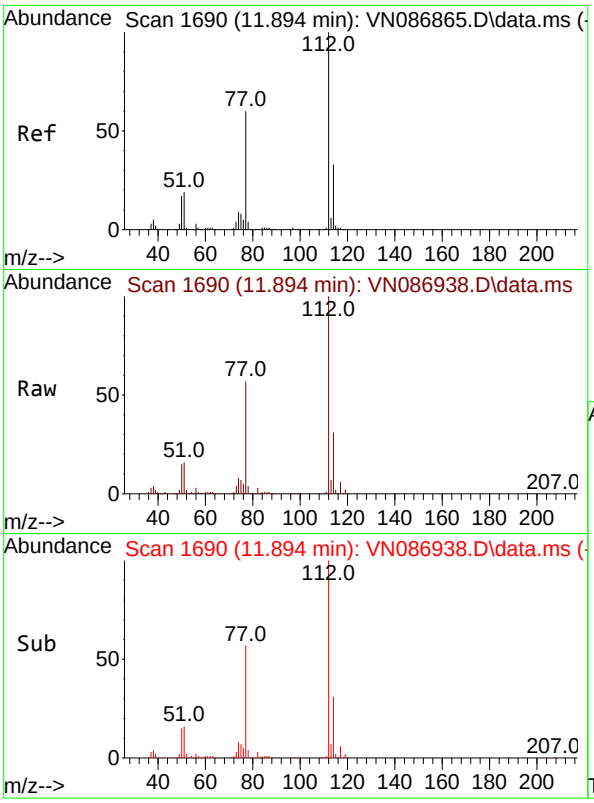


#64
Tetrachloroethene
Concen: 53.850 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:164 Resp: 91874

Ion	Ratio	Lower	Upper
164	100		
166	125.0	101.8	152.8
129	93.9	83.0	124.4
131	92.8	78.2	117.2



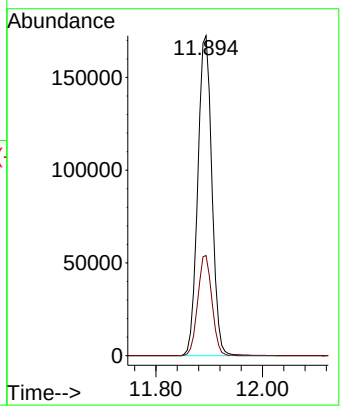


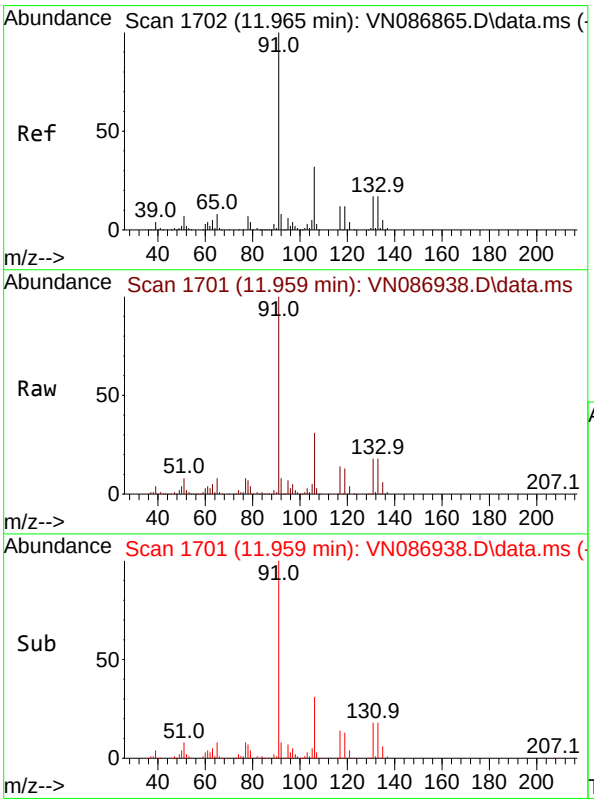
#65
Chlorobenzene
Concen: 53.264 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 316696

Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.2	39.2

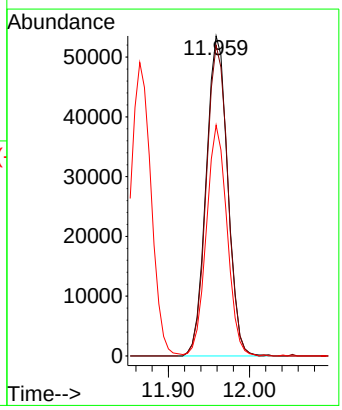


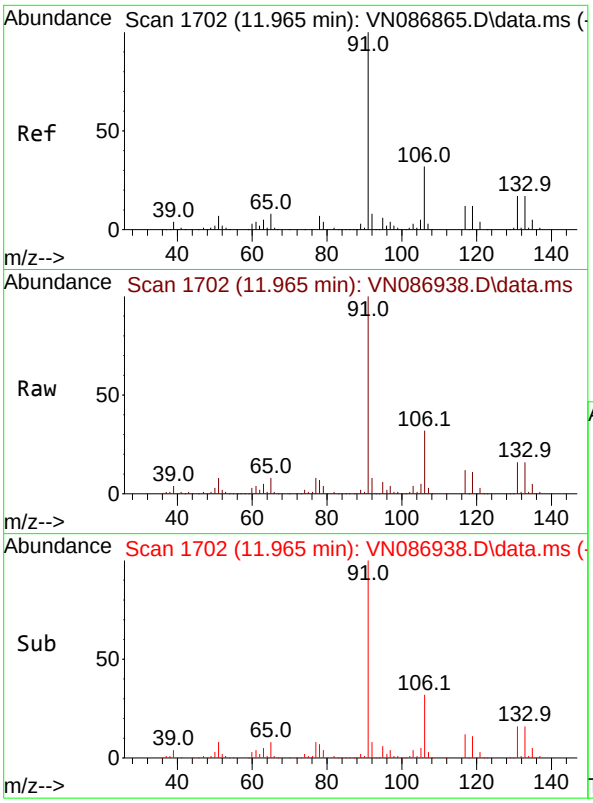


#66
1,1,1,2-Tetrachloroethane
Concen: 51.578 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:131 Resp: 98580

Ion	Ratio	Lower	Upper
131	100		
133	97.0	48.3	144.8
119	69.5	34.0	101.8



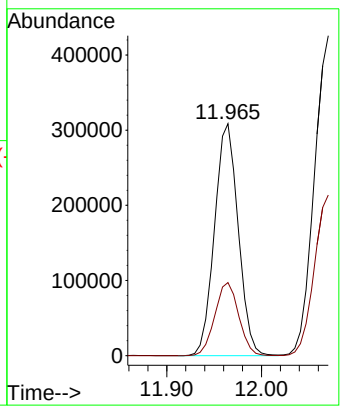


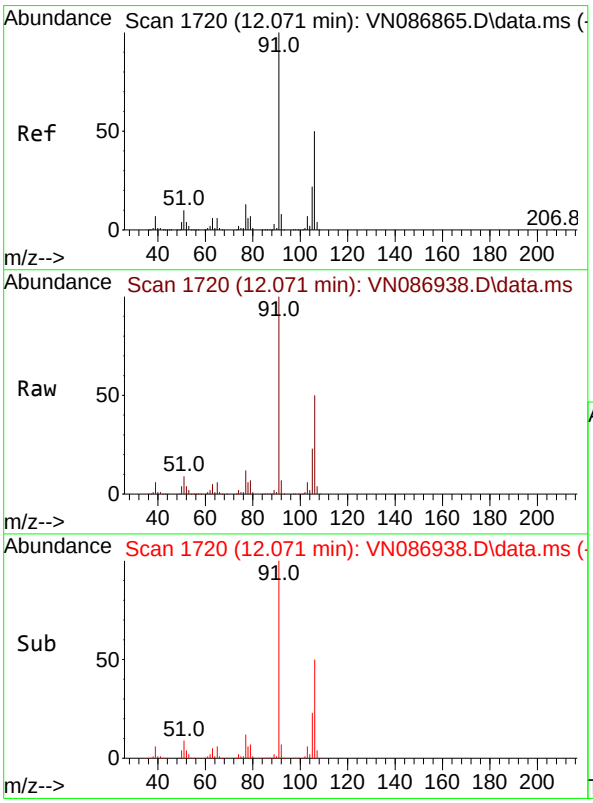
#67
Ethyl Benzene
Concen: 52.405 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 536714

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.4	38.2

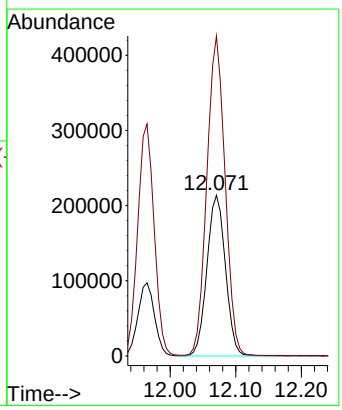


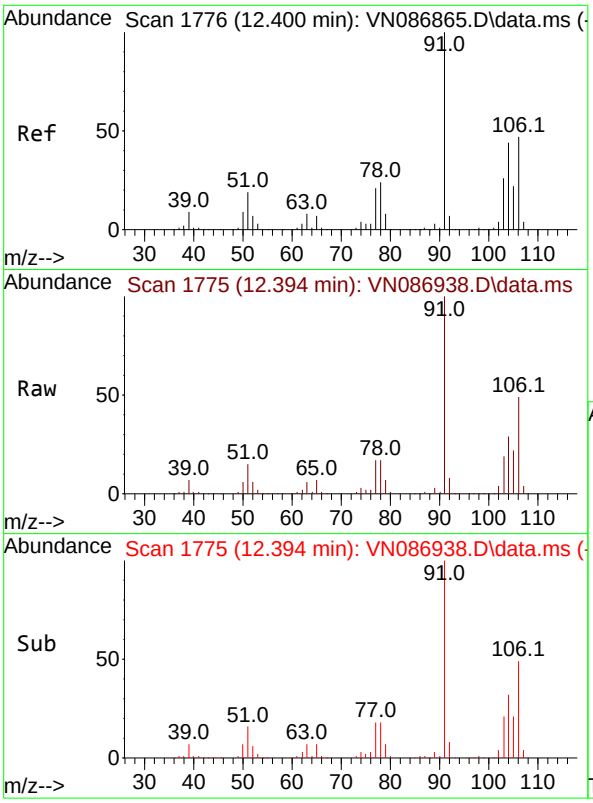


#68
m/p-Xylenes
Concen: 106.858 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:106 Resp: 418936

Ion	Ratio	Lower	Upper
106	100		
91	196.5	159.4	239.0



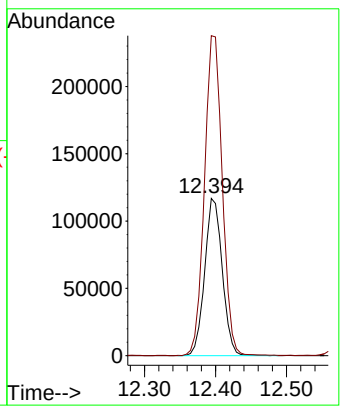


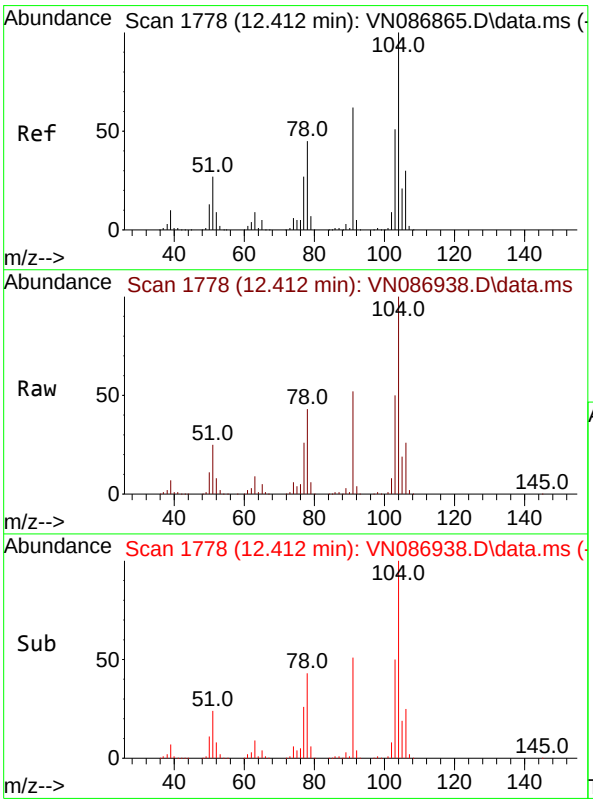
#69
o-Xylene
Concen: 53.615 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 201312

Ion	Ratio	Lower	Upper
106	100		
91	206.6	106.1	318.1

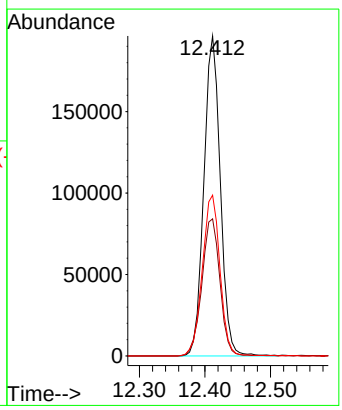


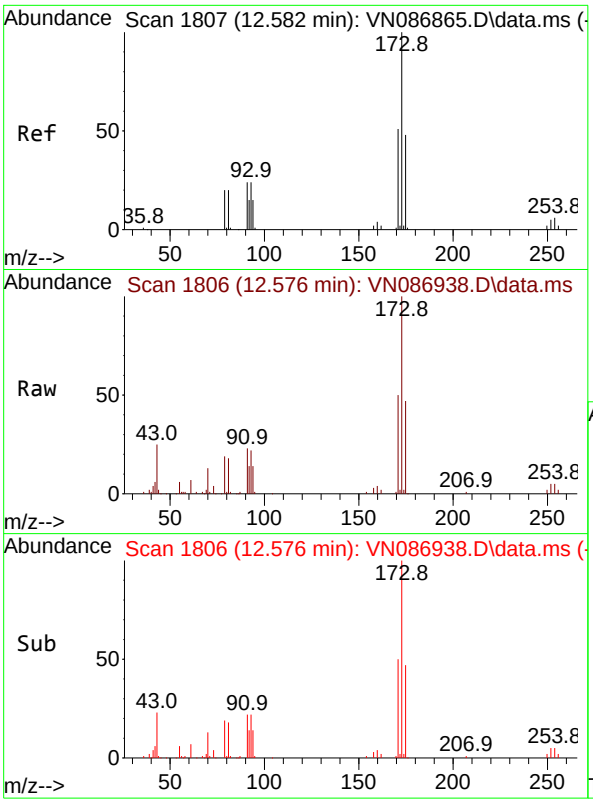


#70
Styrene
Concen: 53.450 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:104 Resp: 343422

Ion	Ratio	Lower	Upper
104	100		
78	47.1	38.5	57.7
103	54.0	43.1	64.7



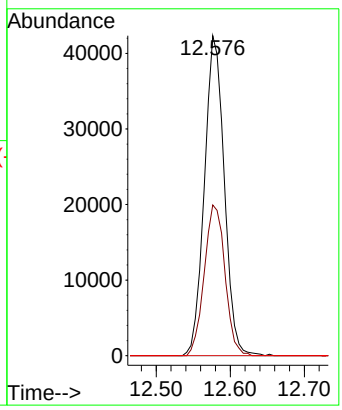


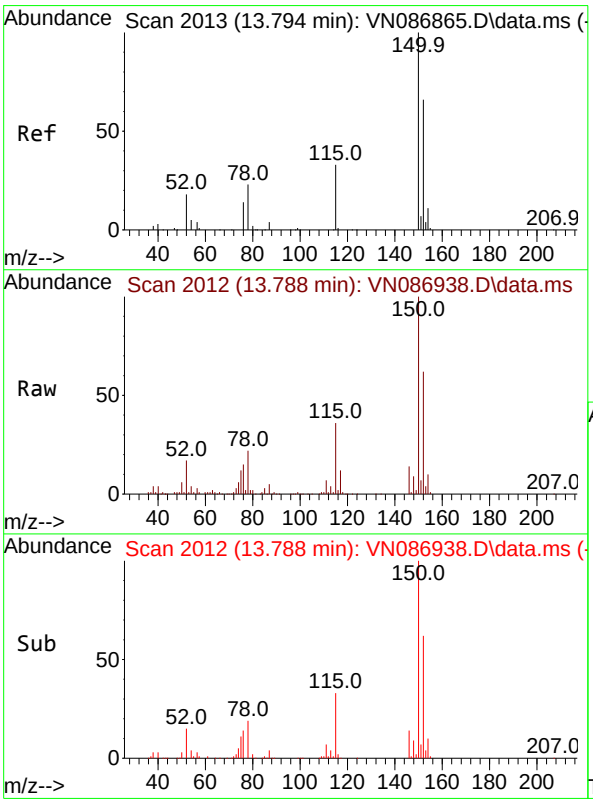
#71
Bromoform
Concen: 55.657 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 78819

Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.4
254	0.0	0.0	0.0

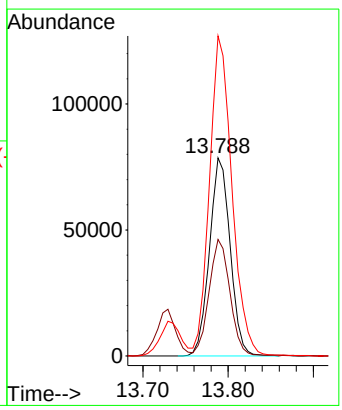


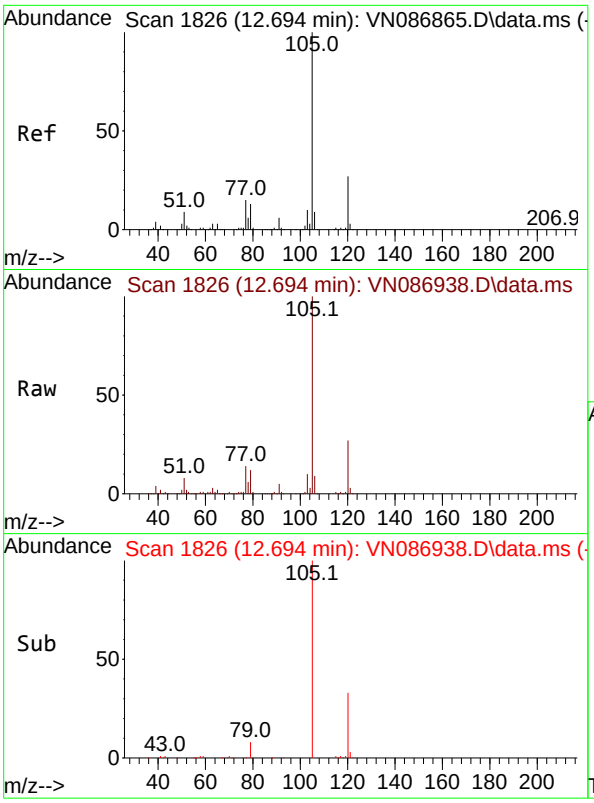


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:152 Resp: 132769

Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.1	90.5
150	176.3	0.0	345.0



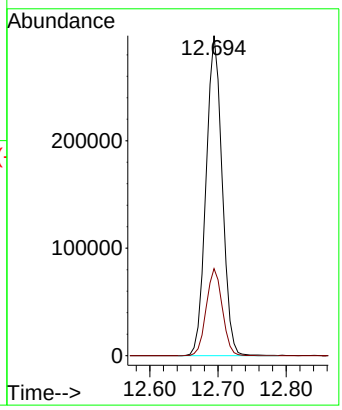


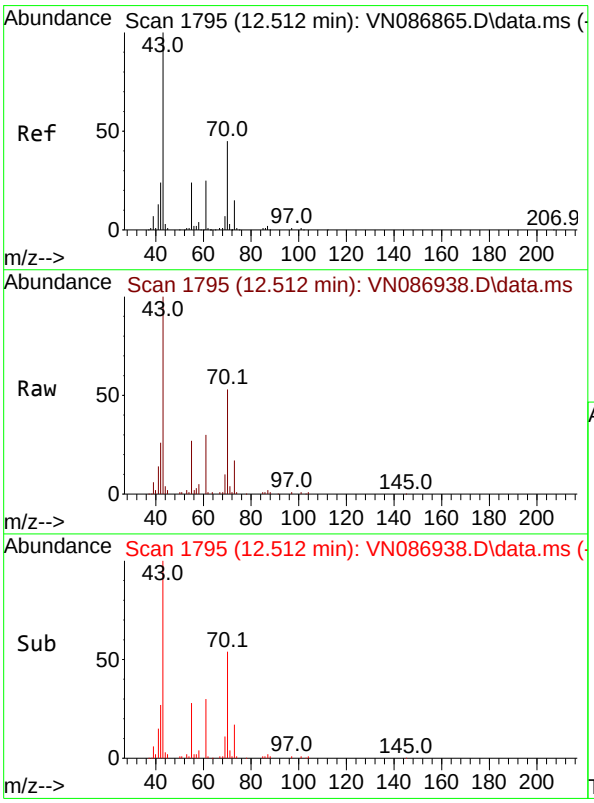
#73
Isopropylbenzene
Concen: 50.649 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 489897

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4

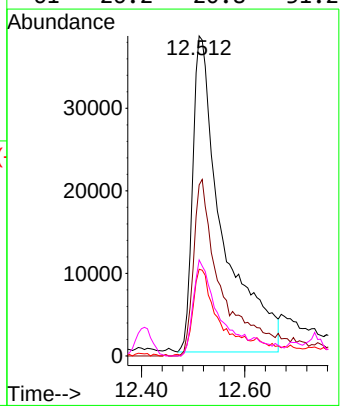


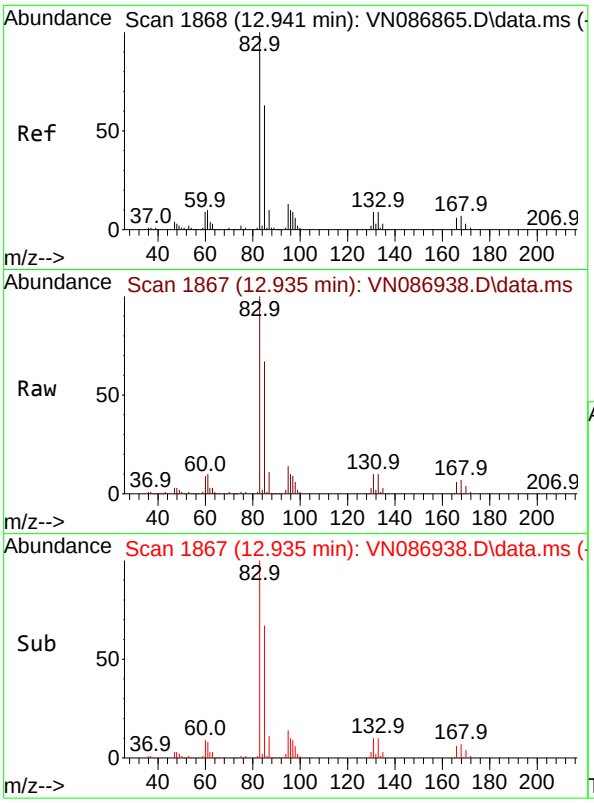


#74
N-amyl acetate
Concen: 45.303 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 43 Resp: 153120

Ion	Ratio	Lower	Upper
43	100		
70	55.0	37.6	56.4
55	23.8	19.0	28.6
61	26.2	20.8	31.2



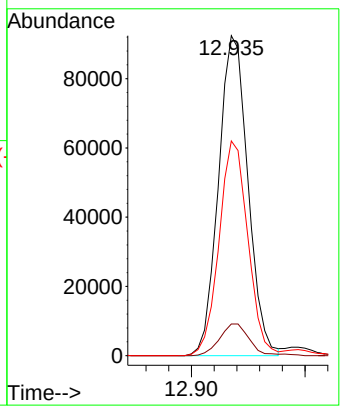


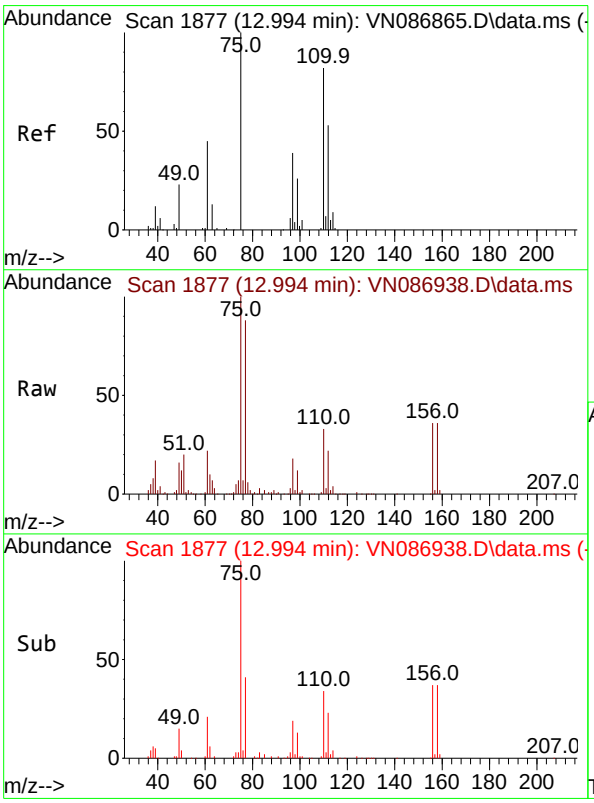
#75
1,1,2,2-Tetrachloroethane
Concen: 50.740 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 166262

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	65.7	32.0	96.0

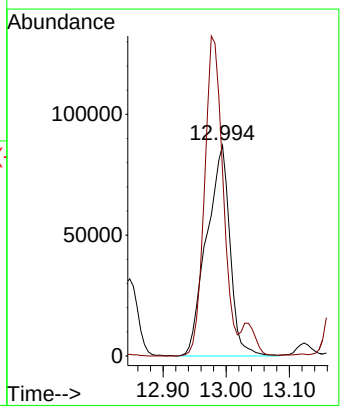


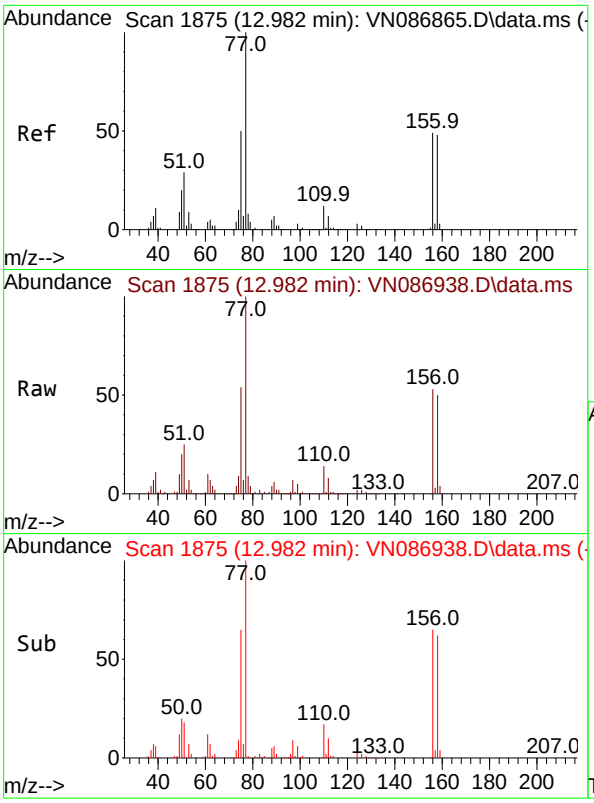


#76
1,2,3-Trichloropropane
Concen: 71.020 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 224136

Ion	Ratio	Lower	Upper
75	100		
77	119.8	79.3	237.9



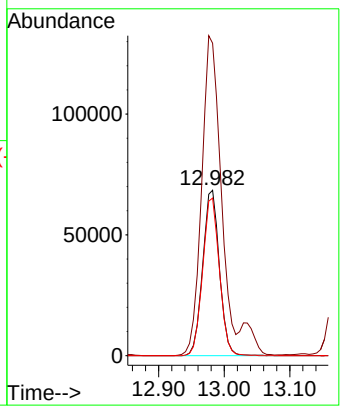


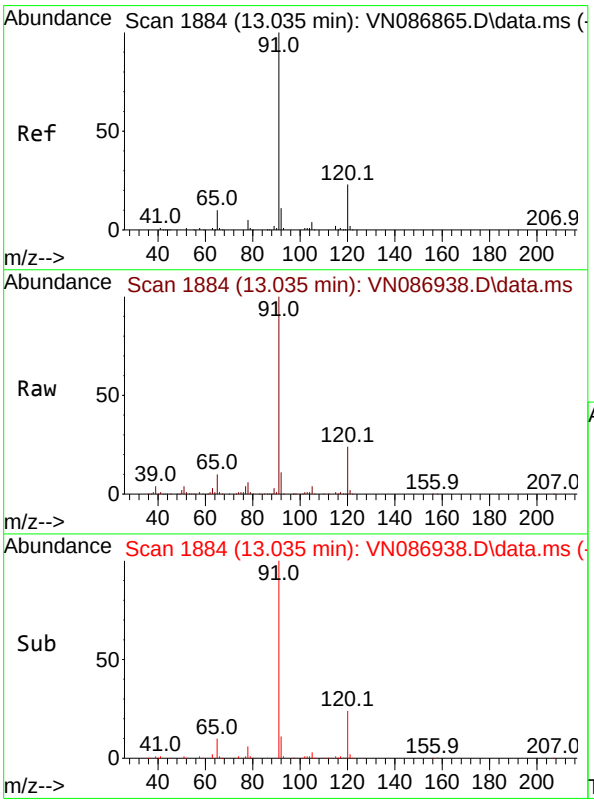
#77
Bromobenzene
Concen: 54.696 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 121326

Ion	Ratio	Lower	Upper
156	100		
77	221.4	117.7	353.1
158	95.5	48.1	144.4

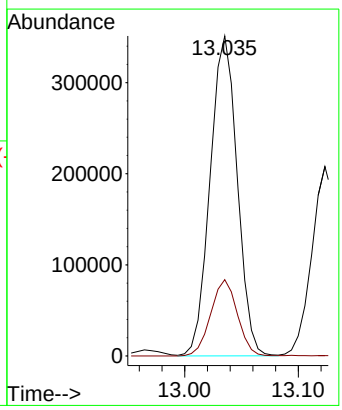


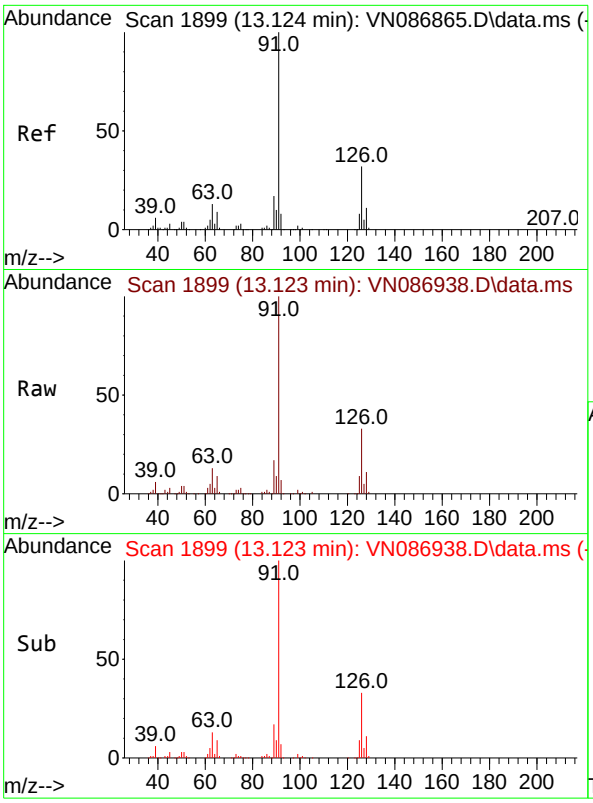


#78
n-propylbenzene
Concen: 49.576 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 91 Resp: 582741

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.4	34.2



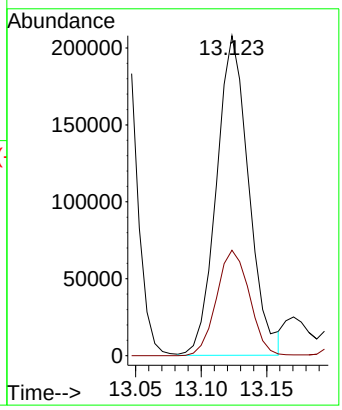


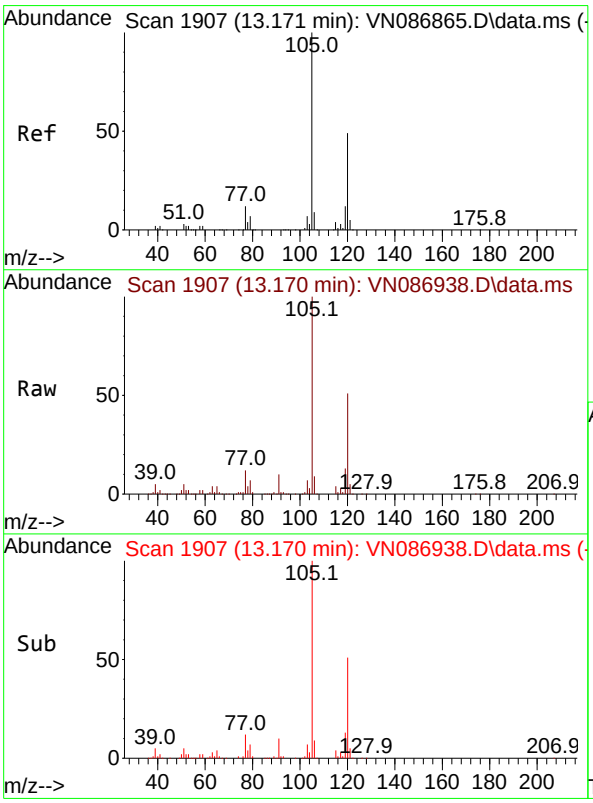
#79
2-Chlorotoluene
Concen: 50.413 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 355375

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.2	48.5

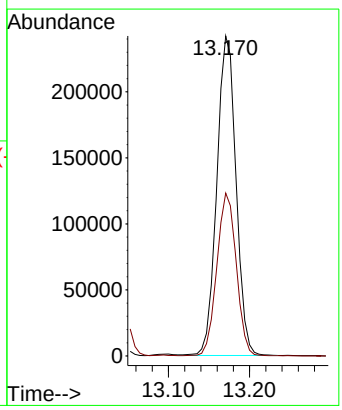


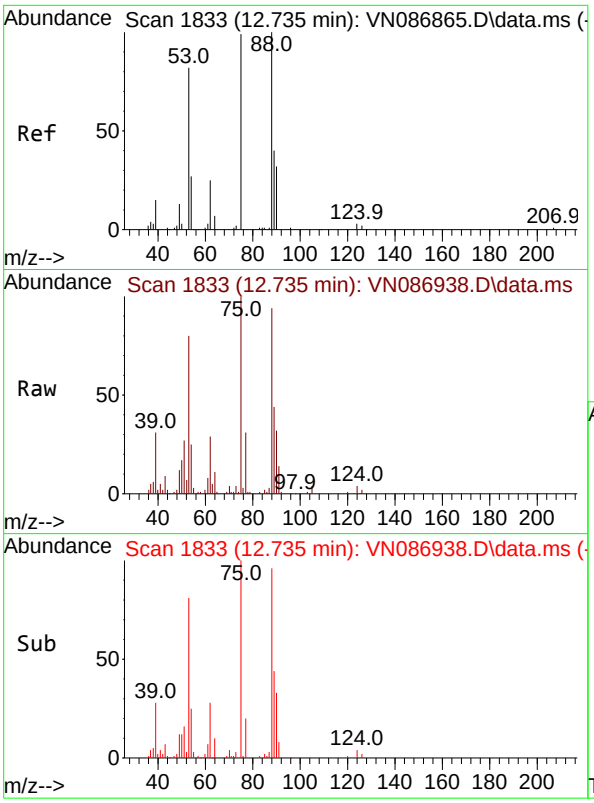


#80
1,3,5-Trimethylbenzene
Concen: 49.866 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:105 Resp: 398214

Ion	Ratio	Lower	Upper
105	100		
120	51.7	24.9	74.6



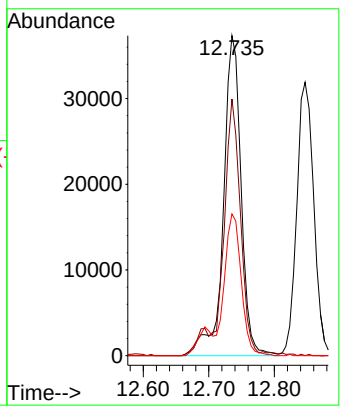


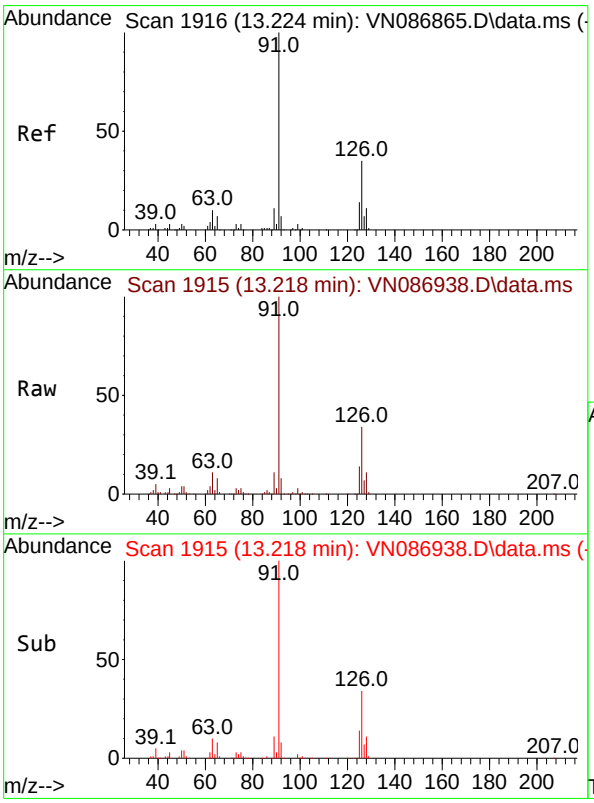
#81
trans-1,4-Dichloro-2-butene
Concen: 51.111 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 70073

Ion	Ratio	Lower	Upper
75	100		
53	74.0	66.6	99.8
89	42.2	36.7	55.1

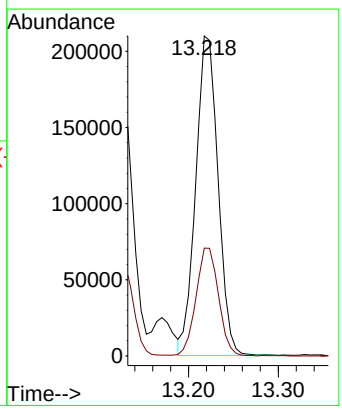


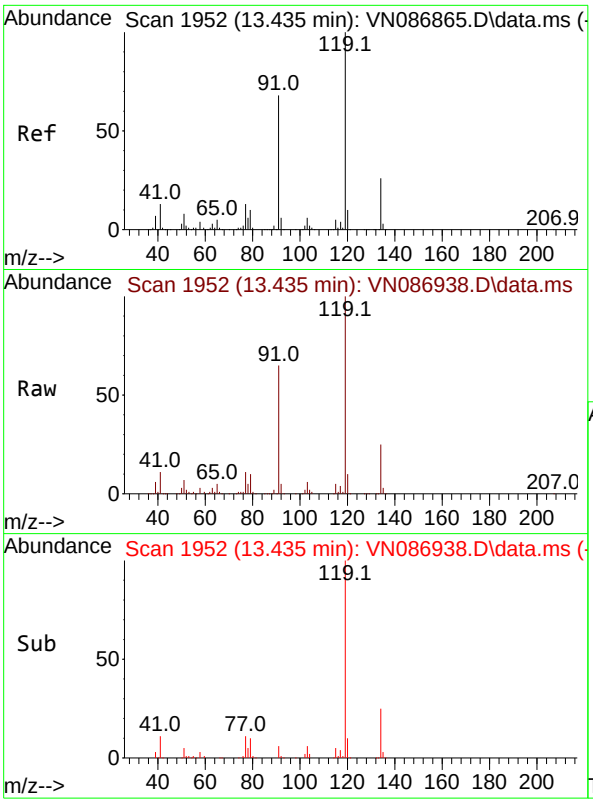


#82
4-Chlorotoluene
Concen: 50.772 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 91 Resp: 362142

Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.7	50.1



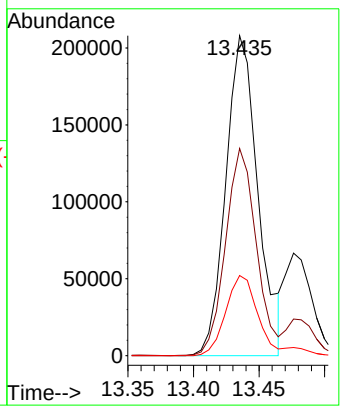


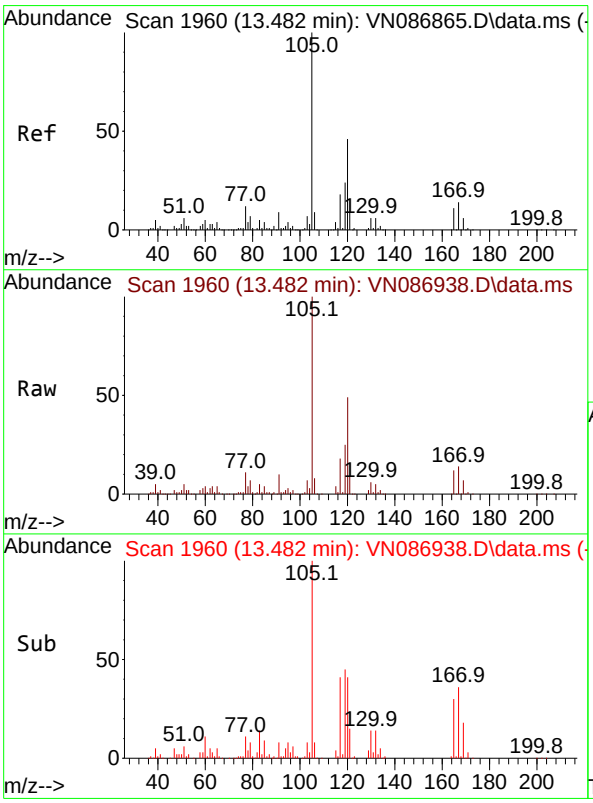
#83
tert-Butylbenzene
Concen: 48.578 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 355100

Ion	Ratio	Lower	Upper
119	100		
91	62.1	32.1	96.5
134	26.5	13.4	40.1

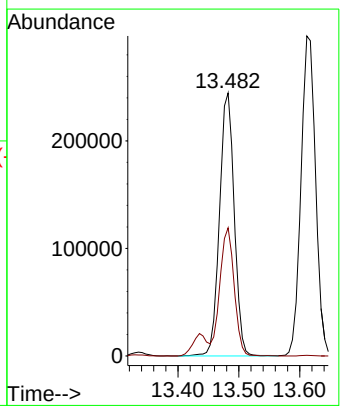


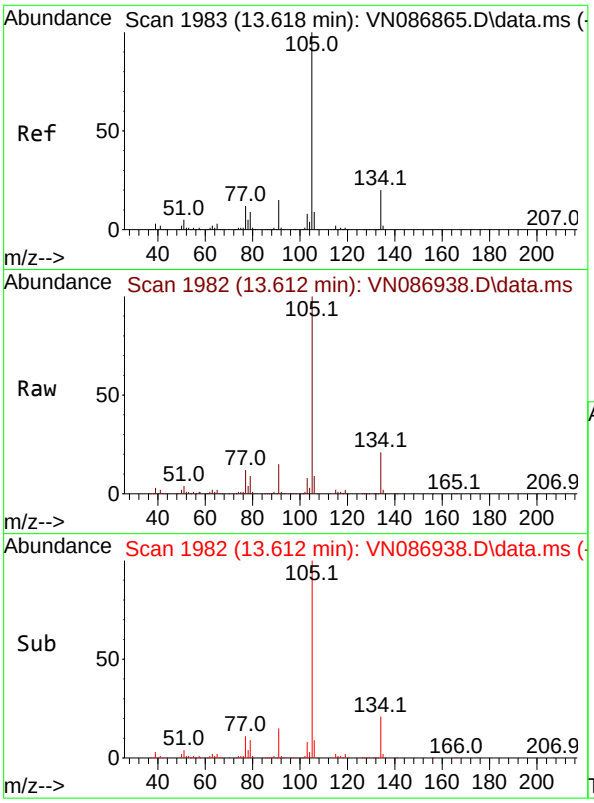


#84
1,2,4-Trimethylbenzene
Concen: 51.335 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:105 Resp: 411074

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.2	69.6



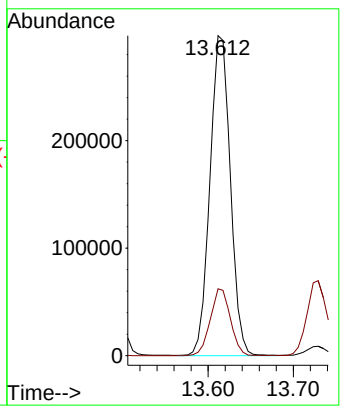


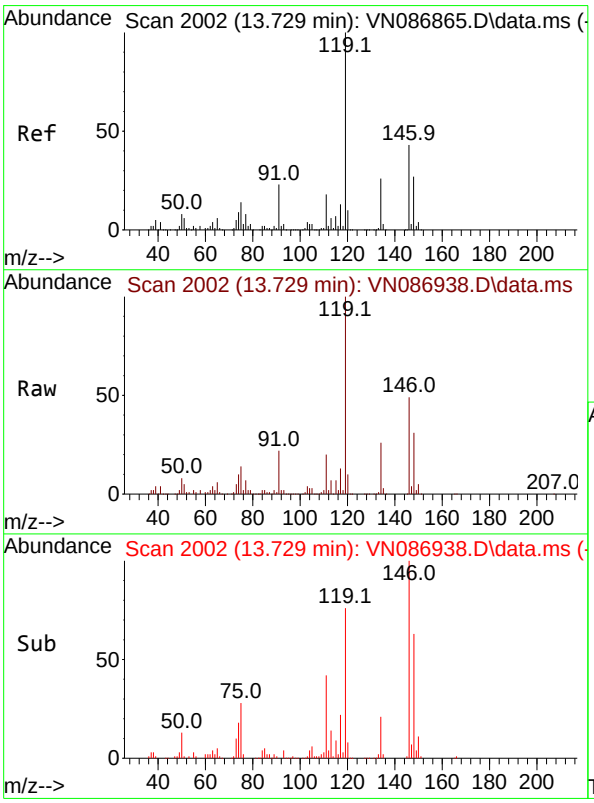
#85
sec-Butylbenzene
Concen: 46.707 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 495817

Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.0	30.0

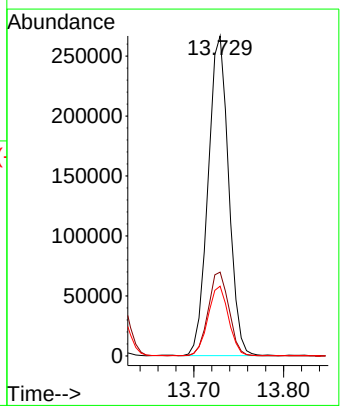


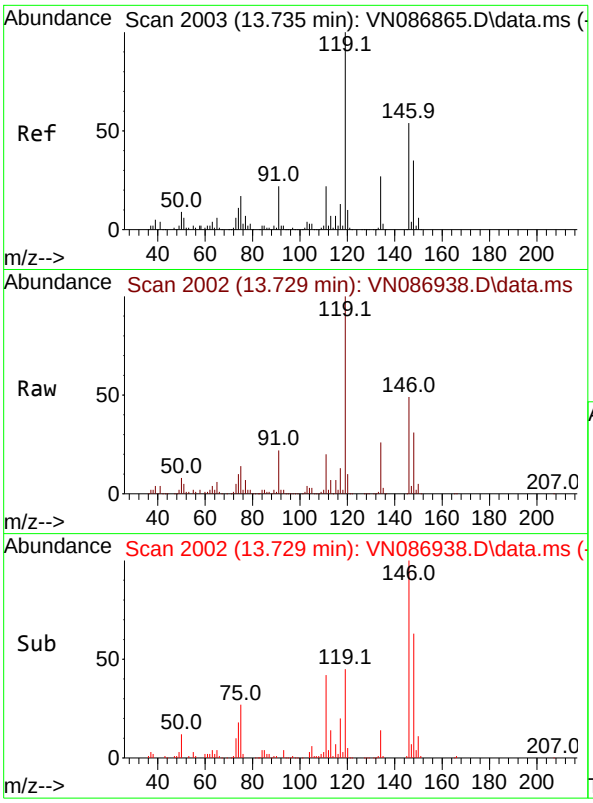


#86
p-Isopropyltoluene
Concen: 48.202 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:119 Resp: 422980

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.4
91	21.7	11.5	34.4



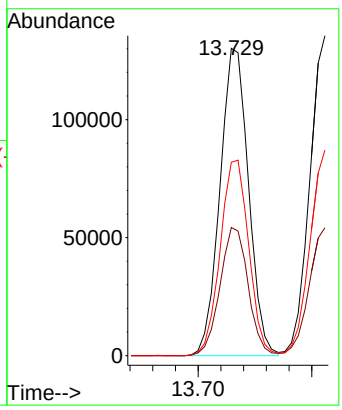


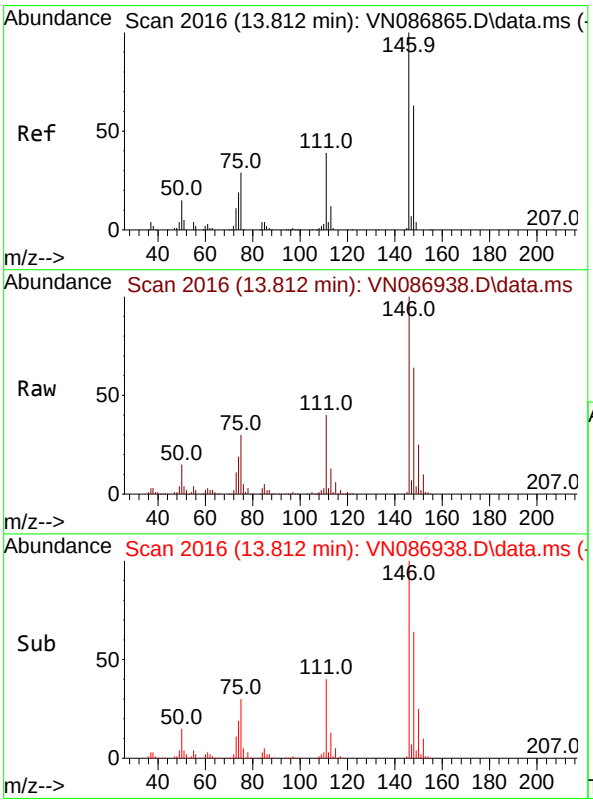
#87
1,3-Dichlorobenzene
Concen: 52.144 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 227571

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.9	62.8
148	63.6	32.0	96.2

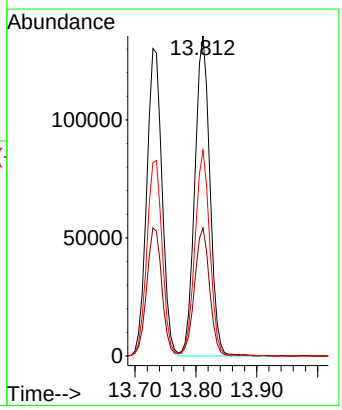


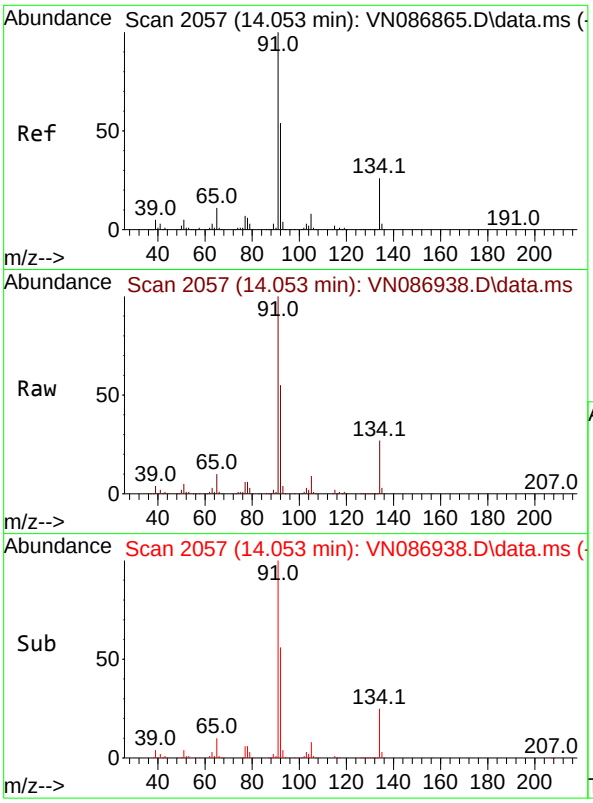


#88
1,4-Dichlorobenzene
Concen: 52.377 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:146 Resp: 233049

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.5	31.8	95.4



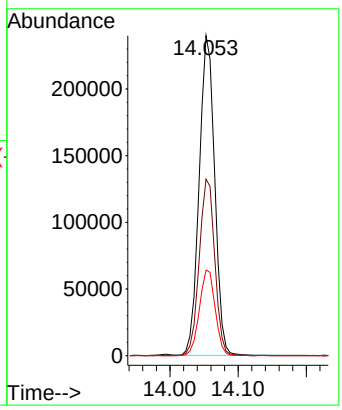


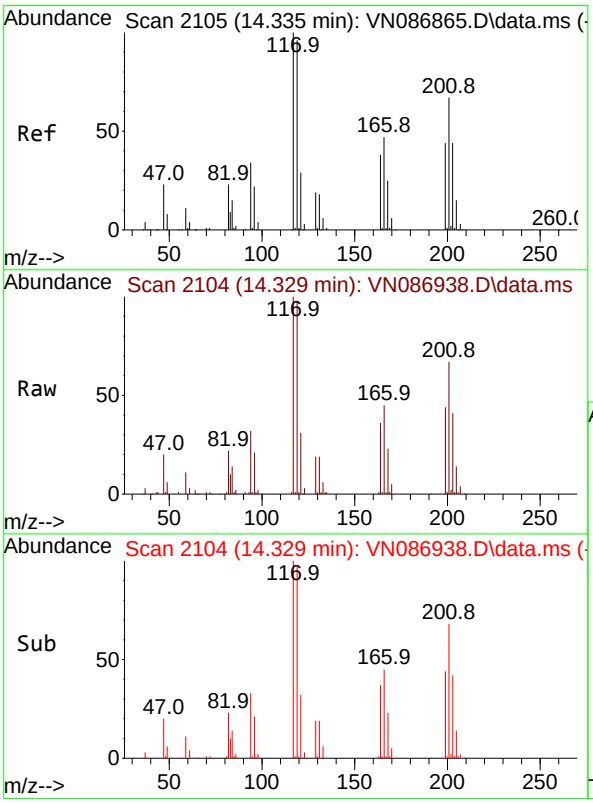
#89
n-Butylbenzene
Concen: 44.658 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 379576

Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.5	82.4
134	27.2	13.0	39.0

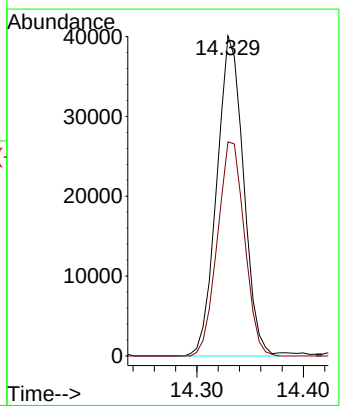


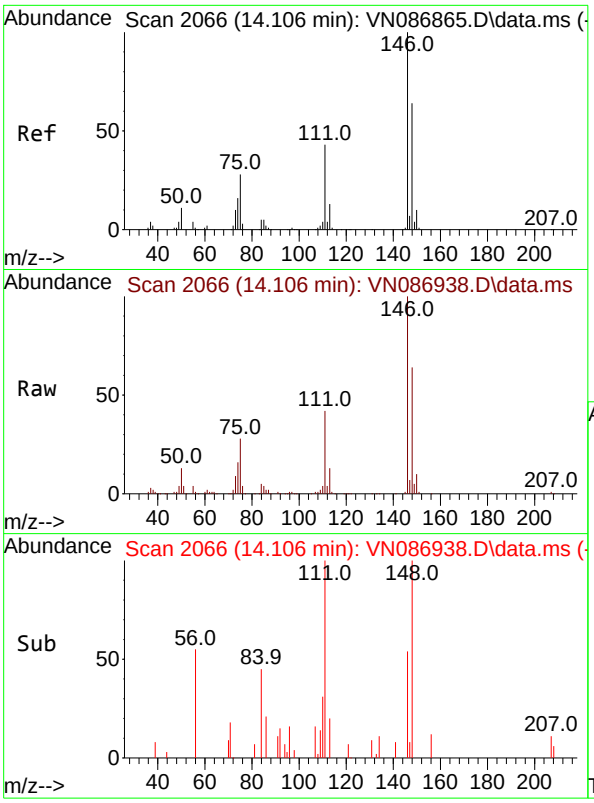


#90
Hexachloroethane
Concen: 46.941 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:117 Resp: 69822

Ion	Ratio	Lower	Upper
117	100		
201	67.8	33.2	99.6



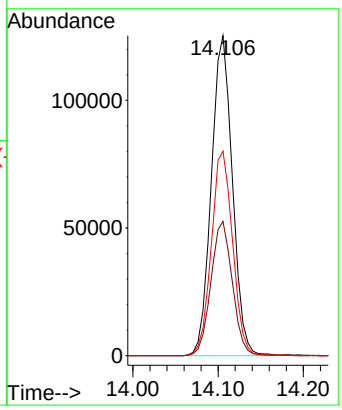


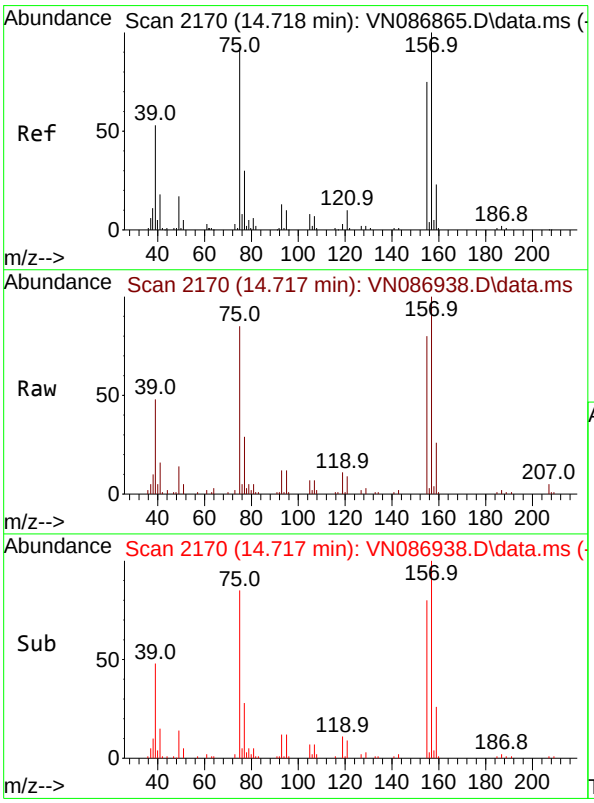
#91
1,2-Dichlorobenzene
Concen: 51.437 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 215670

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	64.6
148	64.8	31.7	95.1

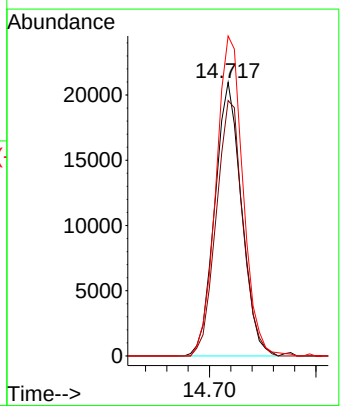


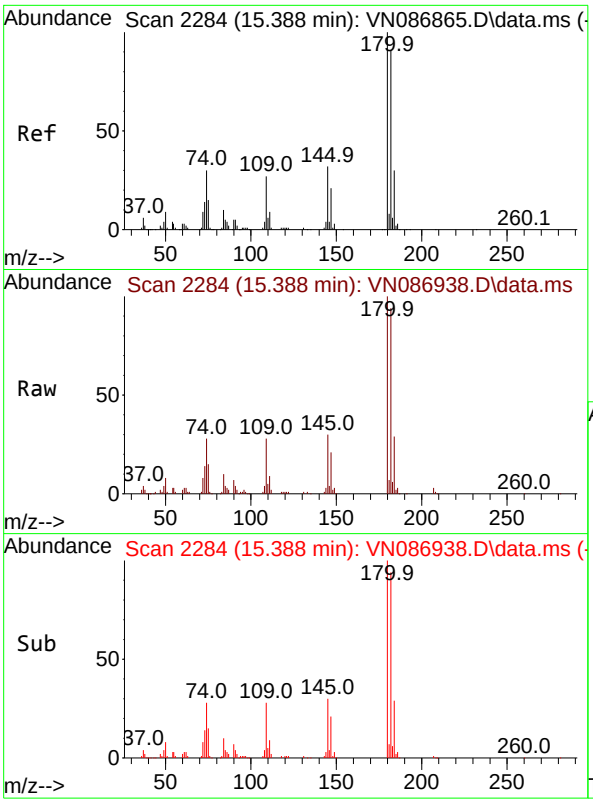


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.685 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 36585

Ion	Ratio	Lower	Upper
75	100		
155	92.7	41.1	123.4
157	117.8	52.7	158.1



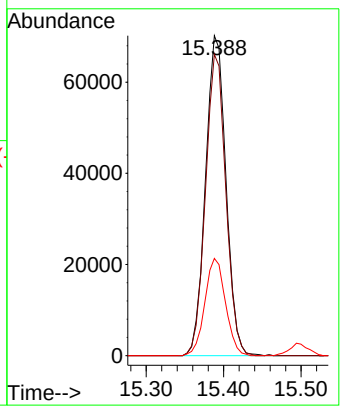


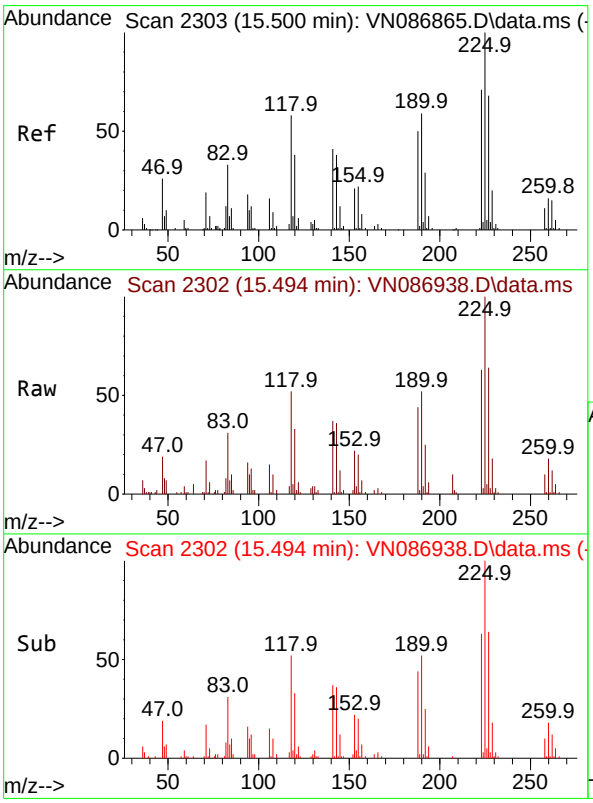
#93
1,2,4-Trichlorobenzene
Concen: 48.139 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 128889

Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.7
145	30.7	16.0	47.9

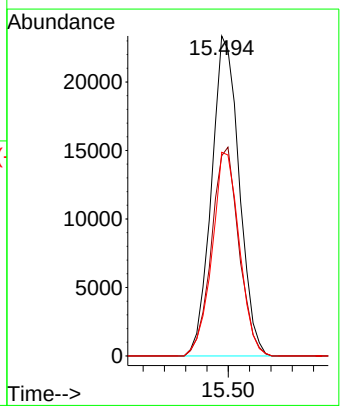


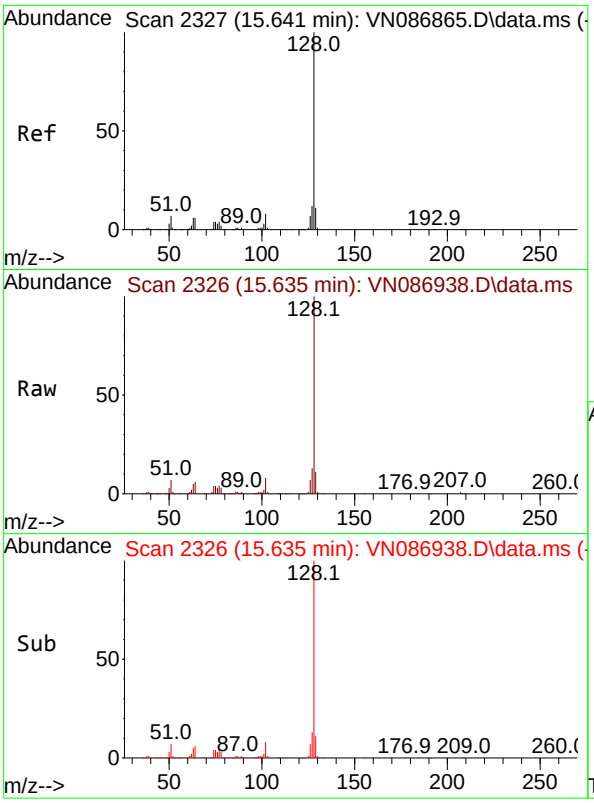


#94
Hexachlorobutadiene
Concen: 42.197 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:225 Resp: 42093

Ion	Ratio	Lower	Upper
225	100		
223	64.6	33.5	100.4
227	62.8	31.1	93.5



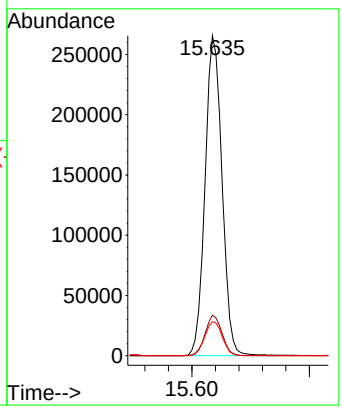


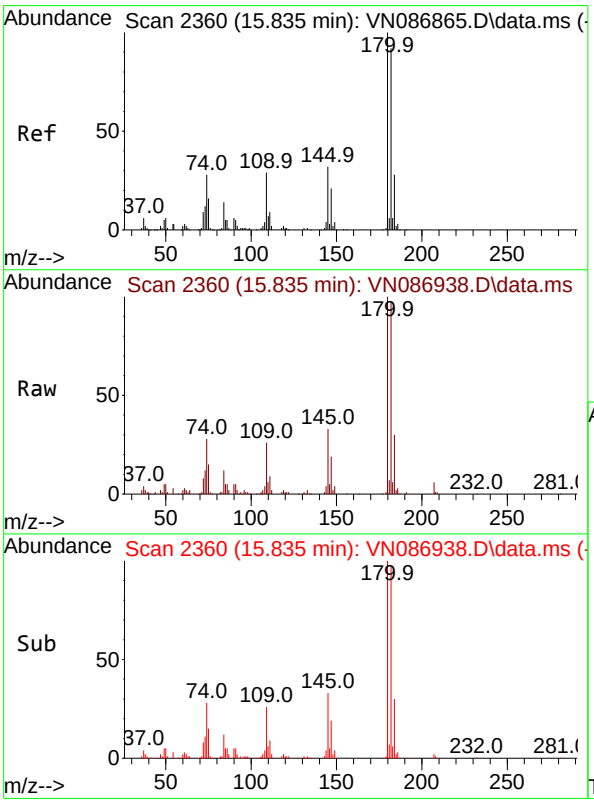
#95
Naphthalene
Concen: 53.340 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 531584

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	11.0	8.8	13.2

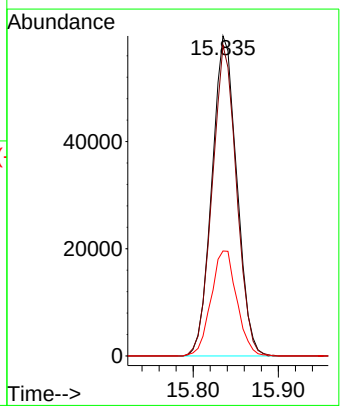




#96
1,2,3-Trichlorobenzene
Concen: 45.544 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:180 Resp: 121156

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.0	141.0
145	34.0	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	205098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	127629	46.478	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.960%			
35) Dibromofluoromethane	8.177	113	110532	52.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	10.565	98	422391	50.342	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.847	95	157388	50.489	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	110255	53.916	ug/l	100
3) Chloromethane	2.395	50	113731	43.069	ug/l	94
4) Vinyl Chloride	2.554	62	143755	52.773	ug/l	99
5) Bromomethane	2.989	94	63914	41.928	ug/l	96
6) Chloroethane	3.154	64	93702	53.253	ug/l	99
7) Trichlorofluoromethane	3.524	101	190657	53.570	ug/l	99
8) Diethyl Ether	3.983	74	85722	55.281	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.401	101	119322	53.364	ug/l	99
10) Methyl Iodide	4.618	142	115825	39.959	ug/l	97
11) Tert butyl alcohol	5.542	59	183049	245.667	ug/l	99
12) 1,1-Dichloroethene	4.365	96	121690	53.307	ug/l	94
13) Acrolein	4.201	56	68006	288.340	ug/l	99
14) Allyl chloride	5.048	41	187099	49.420	ug/l	96
15) Acrylonitrile	5.736	53	456903	262.349	ug/l	99
16) Acetone	4.442	43	393802	270.423	ug/l	97
17) Carbon Disulfide	4.736	76	308706	48.889	ug/l	100
18) Methyl Acetate	5.042	43	222452	52.419	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	445459	53.894	ug/l	98
20) Methylene Chloride	5.295	84	138117	50.660	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	129921	51.154	ug/l	98
22) Diisopropyl ether	6.683	45	412097	51.639	ug/l	99
23) Vinyl Acetate	6.618	43	1766271	261.960	ug/l	98
24) 1,1-Dichloroethane	6.589	63	241575	52.602	ug/l	99
25) 2-Butanone	7.489	43	582343	246.018	ug/l	95
26) 2,2-Dichloropropane	7.506	77	215080	60.206	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	162658	53.551	ug/l	98
28) Bromochloromethane	7.824	49	118461	52.462	ug/l	95
29) Tetrahydrofuran	7.847	42	380103	246.502	ug/l	96
30) Chloroform	7.977	83	241191	52.589	ug/l	98
31) Cyclohexane	8.265	56	208644	46.846	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	200139	51.307	ug/l	97
36) 1,1-Dichloropropene	8.377	75	172642	54.664	ug/l	99
37) Ethyl Acetate	7.571	43	211755	52.670	ug/l	99
38) Carbon Tetrachloride	8.371	117	168940	54.485	ug/l	94
39) Methylcyclohexane	9.606	83	206018	47.613	ug/l	96
40) Benzene	8.612	78	555597	53.798	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.789	41	115191	51.017 ug/l	93
42) 1,2-Dichloroethane	8.677	62	168630	53.833 ug/l	99
43) Isopropyl Acetate	8.694	43	338399	52.442 ug/l	97
44) Trichloroethene	9.353	130	136748	55.842 ug/l	98
45) 1,2-Dichloropropane	9.624	63	137250	54.626 ug/l	100
46) Dibromomethane	9.712	93	94620	56.697 ug/l	99
47) Bromodichloromethane	9.888	83	190362	55.440 ug/l	100
48) Methyl methacrylate	9.683	41	154138	51.898 ug/l	96
49) 1,4-Dioxane	9.700	88	60969	1128.409 ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	1054797	271.529 ug/l	98
52) Toluene	10.630	92	349873	55.435 ug/l	98
53) t-1,3-Dichloropropene	10.835	75	217752	56.714 ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	236296	57.518 ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	137099	56.454 ug/l	99
56) Ethyl methacrylate	10.877	69	231226	59.778 ug/l	95
57) 1,3-Dichloropropane	11.165	76	232746	55.247 ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	665780	288.579 ug/l	99
59) 2-Hexanone	11.200	43	705660	282.011 ug/l	97
60) Dibromochloromethane	11.359	129	148069	58.520 ug/l	99
61) 1,2-Dibromoethane	11.471	107	137779	55.351 ug/l	99
64) Tetrachloroethene	11.106	164	105084	53.190 ug/l	95
65) Chlorobenzene	11.888	112	381598	55.424 ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	124964	56.463 ug/l	99
67) Ethyl Benzene	11.965	91	642857	54.206 ug/l	99
68) m/p-Xylenes	12.071	106	500895	110.334 ug/l	99
69) o-Xylene	12.400	106	244038	56.127 ug/l	98
70) Styrene	12.412	104	424060	56.996 ug/l	100
71) Bromoform	12.576	173	99616	60.747 ug/l #	100
73) Isopropylbenzene	12.694	105	593080	53.511 ug/l	99
74) N-amyl acetate	12.512	43	208229	53.765 ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	213329	56.816 ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	288770	79.852 ug/l	68
77) Bromobenzene	12.976	156	146181	57.512 ug/l	98
78) n-propylbenzene	13.035	91	717012	53.234 ug/l	99
79) 2-Chlorotoluene	13.123	91	439522	54.413 ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	490727	53.628 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	93790	59.701 ug/l #	87
82) 4-Chlorotoluene	13.218	91	446237	54.598 ug/l	99
83) tert-Butylbenzene	13.435	119	448106	53.498 ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	495936	54.048 ug/l	99
85) sec-Butylbenzene	13.612	105	617792	50.788 ug/l	99
86) p-Isopropyltoluene	13.729	119	524440	52.156 ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	280357	56.062 ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	287122	56.315 ug/l	99
89) n-Butylbenzene	14.053	91	477306	49.007 ug/l	100
90) Hexachloroethane	14.329	117	89886	52.738 ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	267932	55.766 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	47326	52.704 ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	160030	52.161 ug/l	99
94) Hexachlorobutadiene	15.500	225	51073	44.682 ug/l	99
95) Naphthalene	15.635	128	624421	54.679 ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	151411	49.672 ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

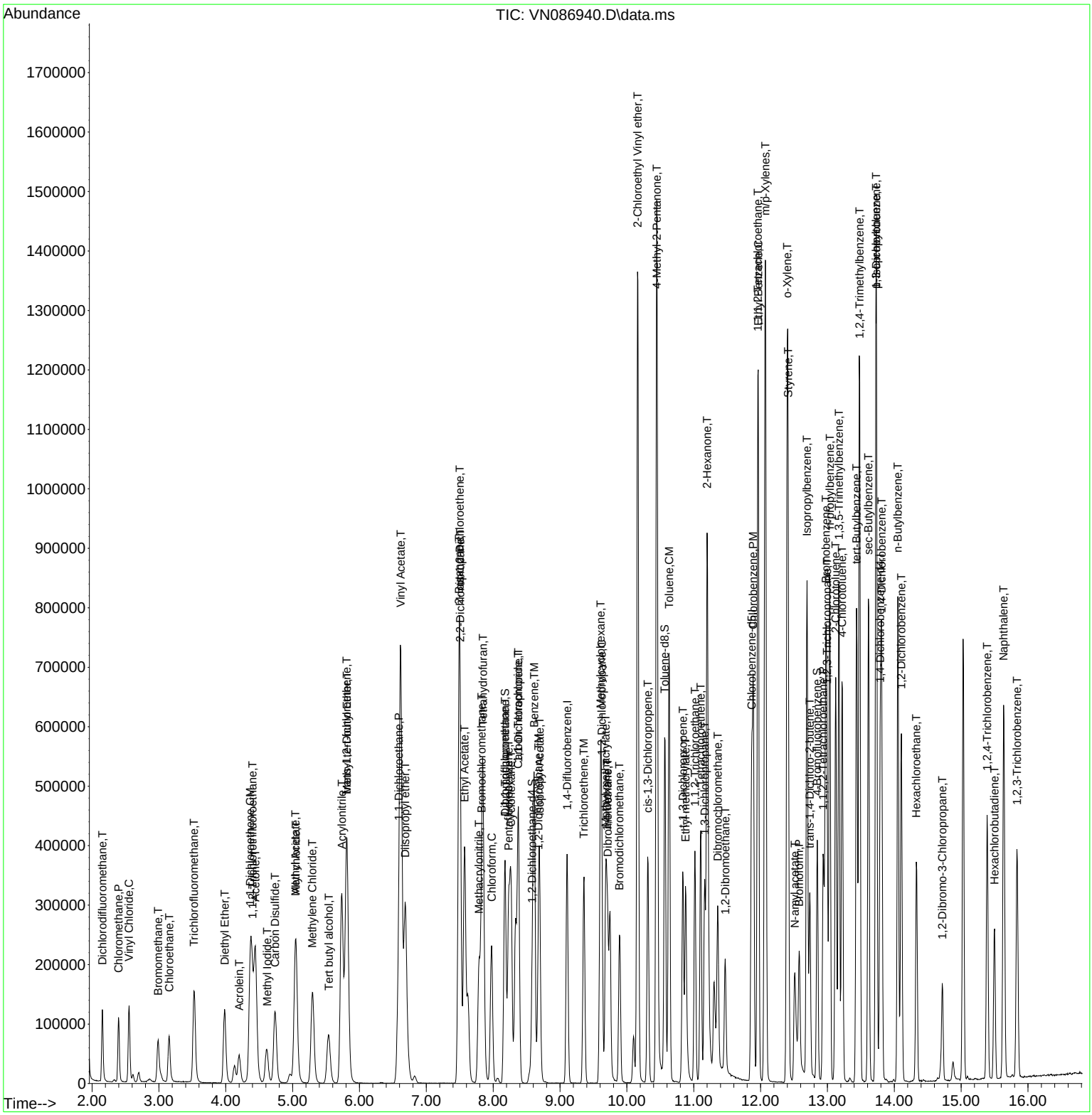
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

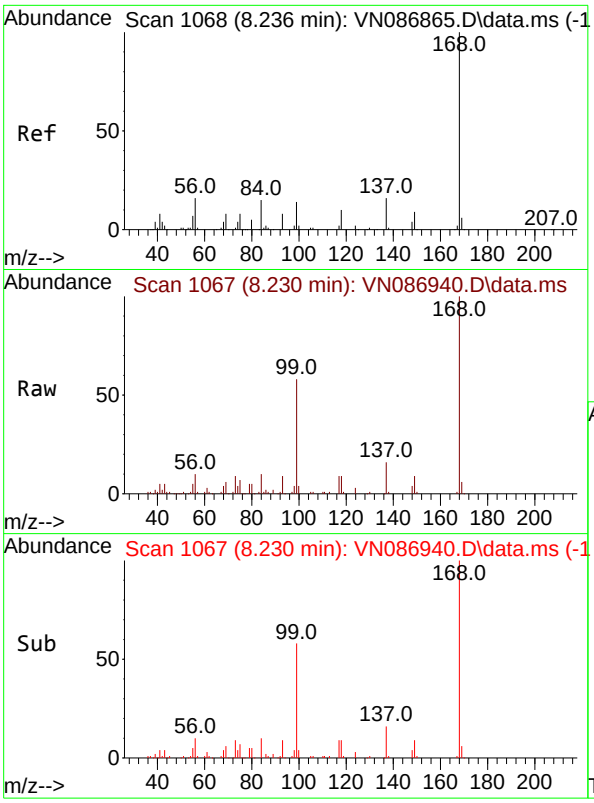
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086940.D
Acq On : 11 Jun 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jun 12 01:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



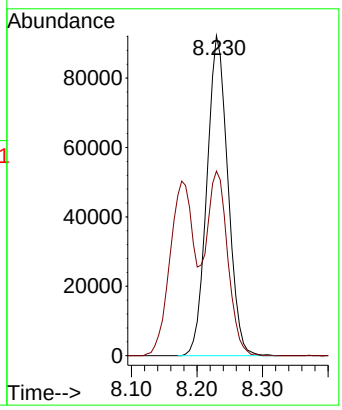


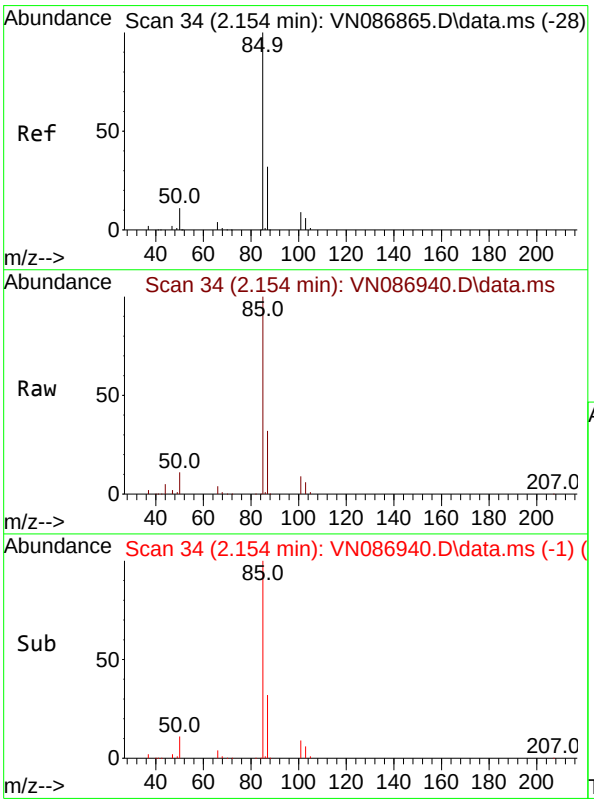
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 205098

Ion	Ratio	Lower	Upper
168	100		
99	57.7	49.1	73.7

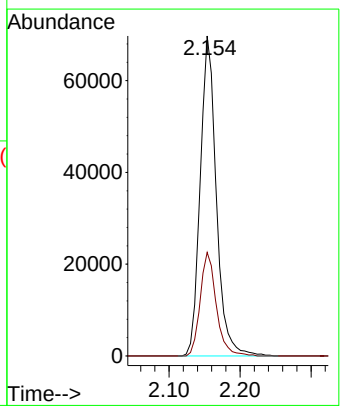


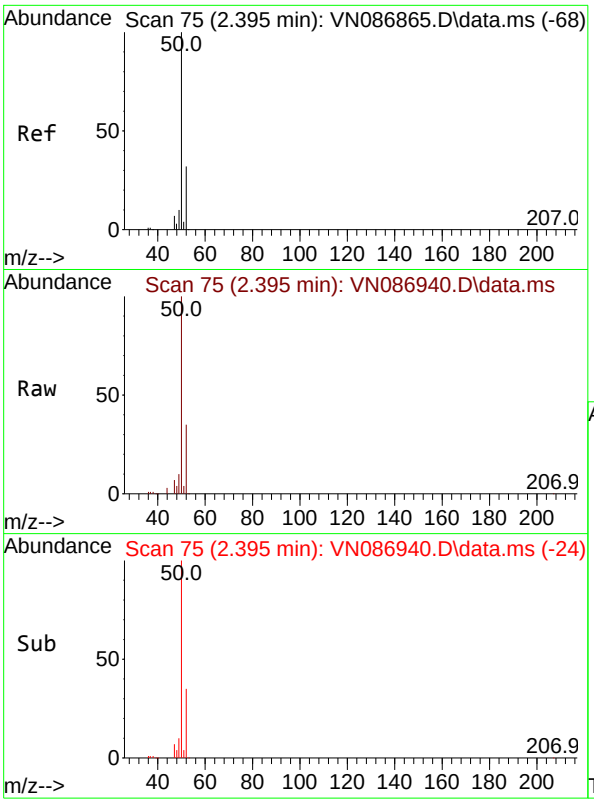


#2
Dichlorodifluoromethane
Concen: 53.916 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 85 Resp: 110255

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.2	48.6



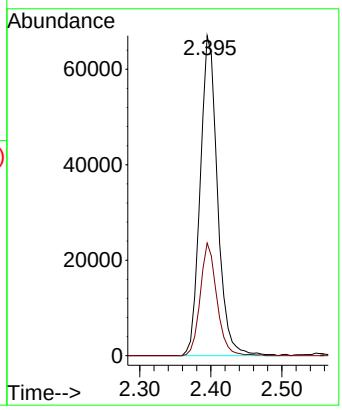


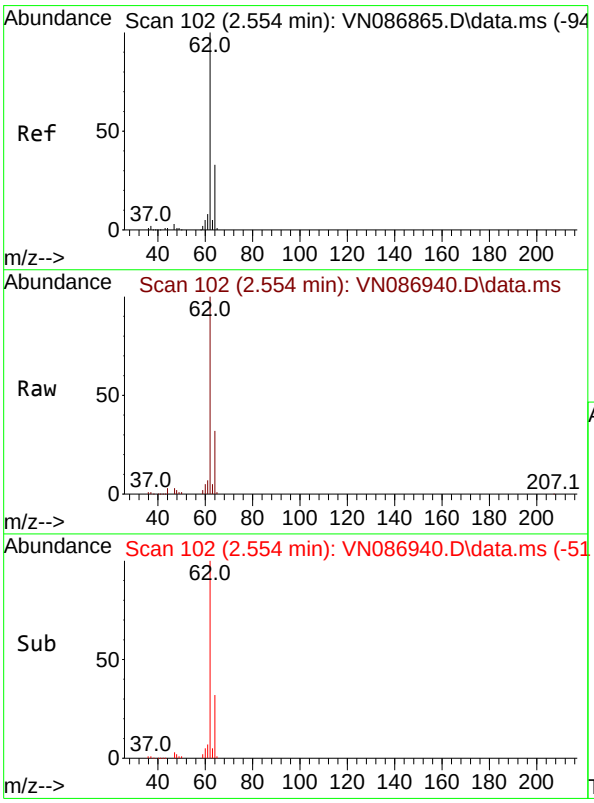
#3
Chloromethane
Concen: 43.069 ug/l
RT: 2.395 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 113731

Ion	Ratio	Lower	Upper
50	100		
52	35.2	25.7	38.5

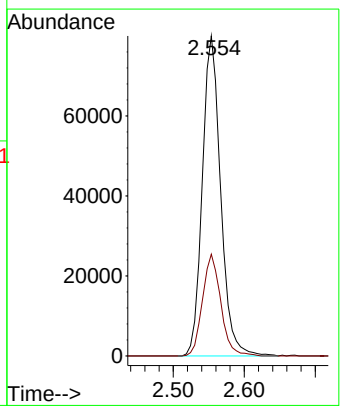


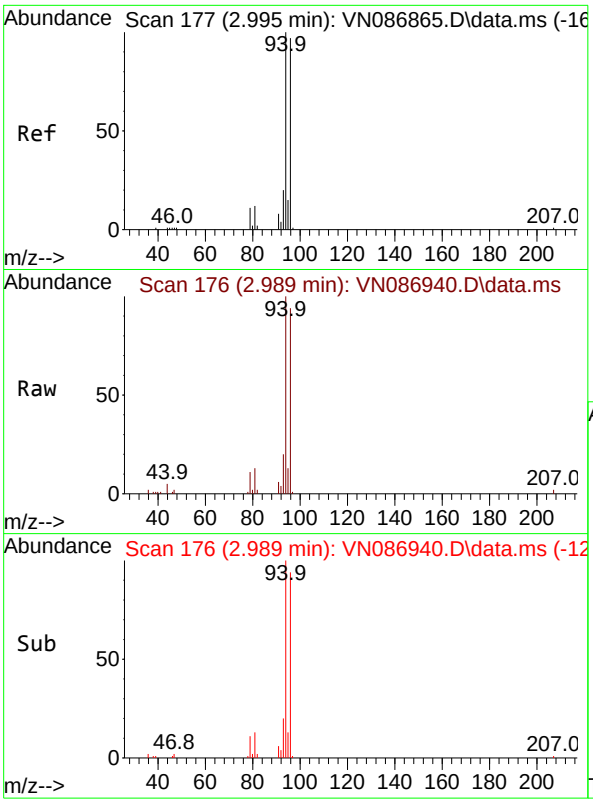


#4
Vinyl Chloride
Concen: 52.773 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 62 Resp: 143755

Ion	Ratio	Lower	Upper
62	100		
64	31.8	26.0	39.0



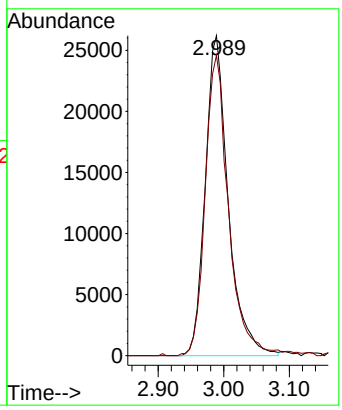


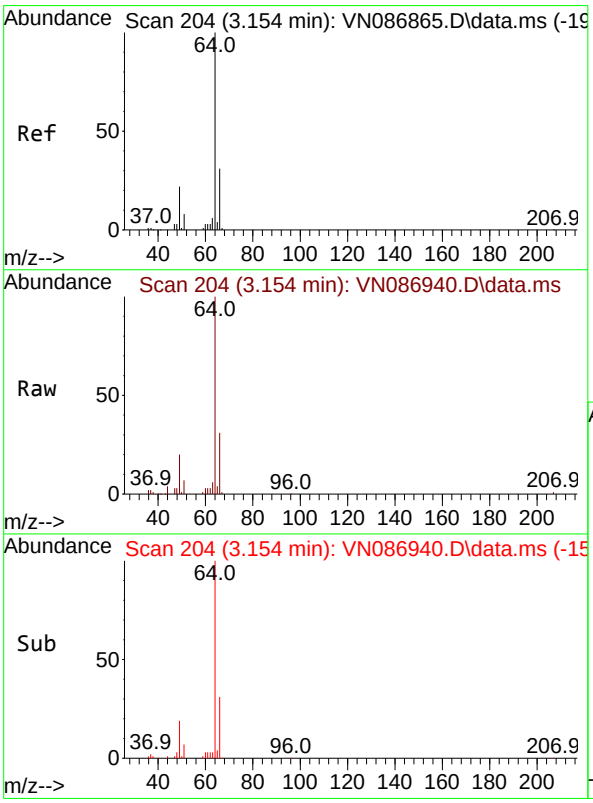
#5
Bromomethane
Concen: 41.928 ug/l
RT: 2.989 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 63914

Ion	Ratio	Lower	Upper
94	100		
96	93.9	77.9	116.9

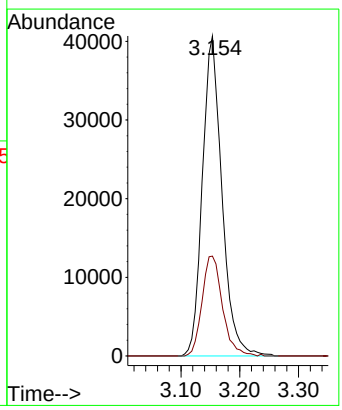


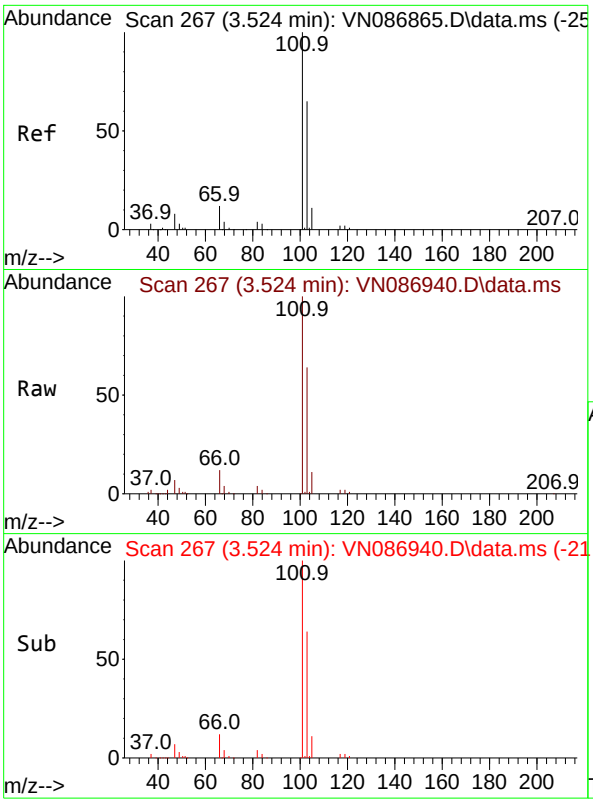


#6
Chloroethane
Concen: 53.253 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 64 Resp: 93702

Ion	Ratio	Lower	Upper
64	100		
66	31.2	24.6	36.8



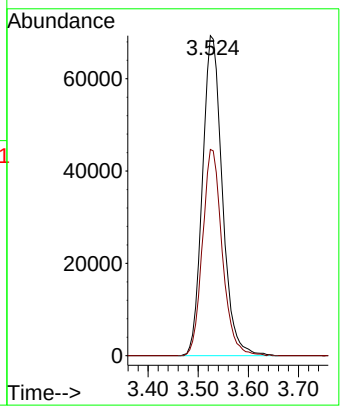


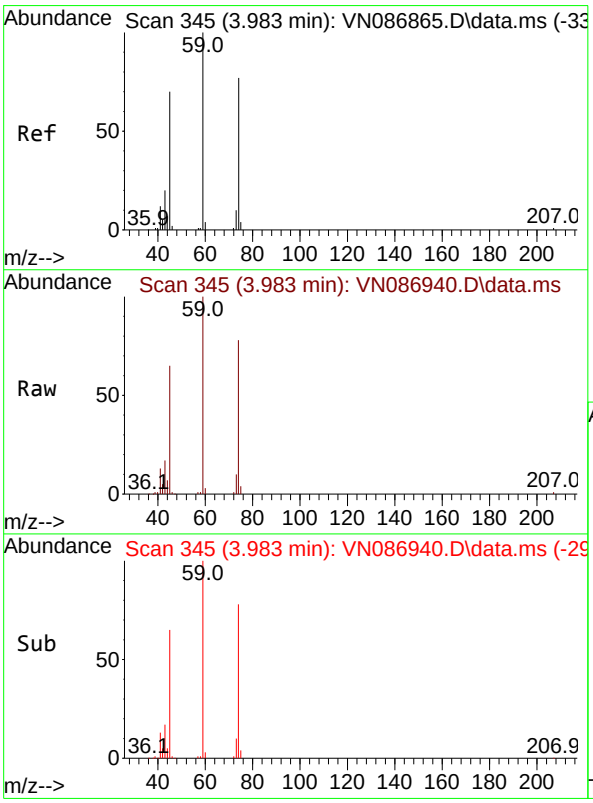
#7
Trichlorofluoromethane
Concen: 53.570 ug/l
RT: 3.524 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 190657

Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.2	78.2

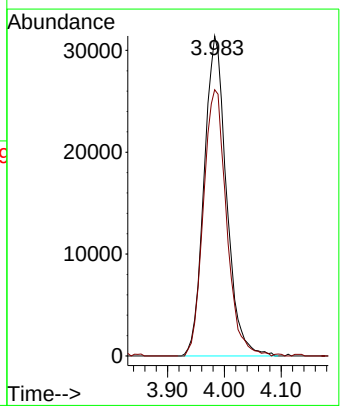


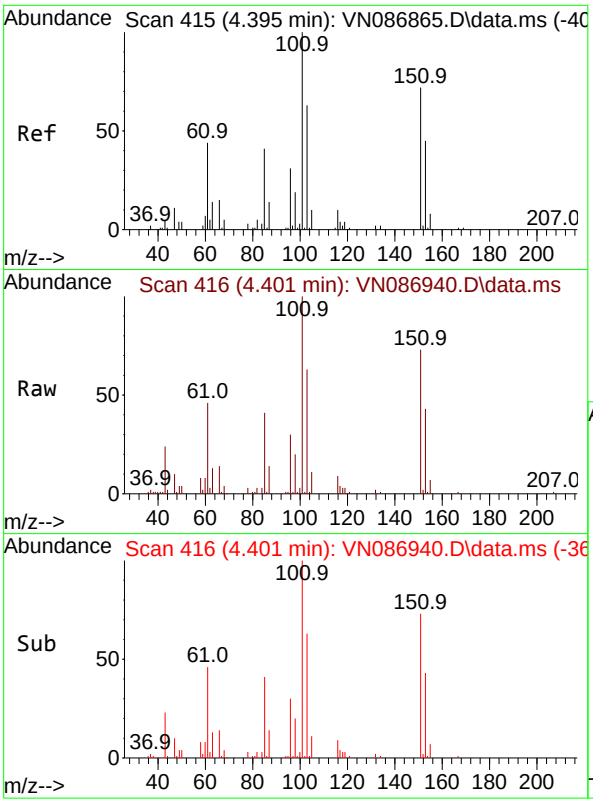


#8
Diethyl Ether
Concen: 55.281 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 74 Resp: 85722

Ion	Ratio	Lower	Upper
74	100		
45	85.9	45.5	136.5



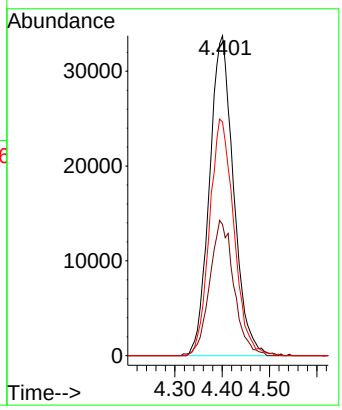


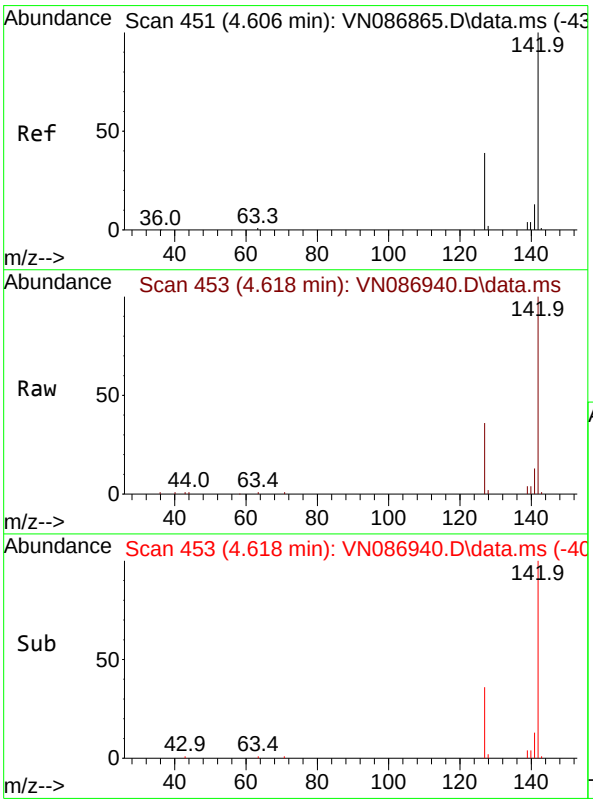
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.364 ug/l
RT: 4.401 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 119322

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.8	50.8
151	74.7	58.7	88.1

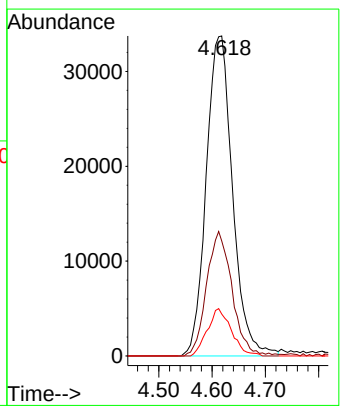


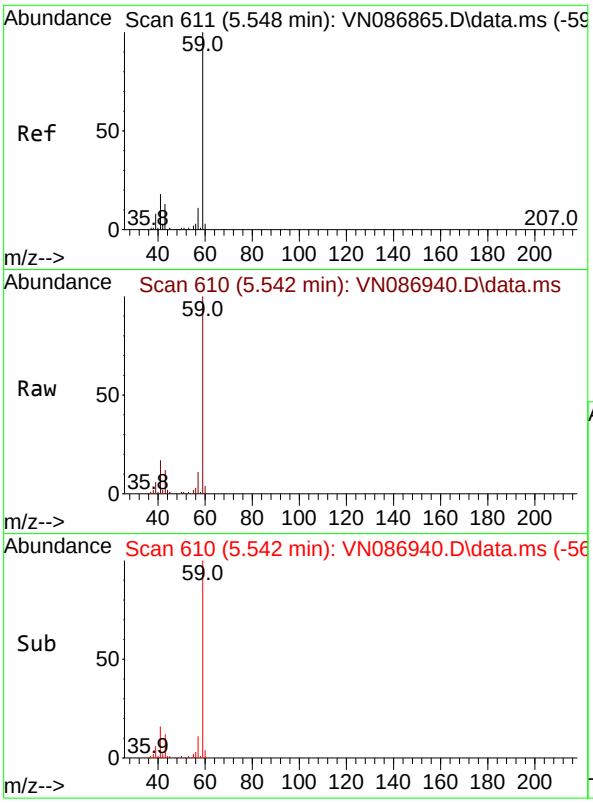


#10
Methyl Iodide
Concen: 39.959 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:142 Resp: 115825

Ion	Ratio	Lower	Upper
142	100		
127	36.0	30.9	46.3
141	13.1	10.4	15.6



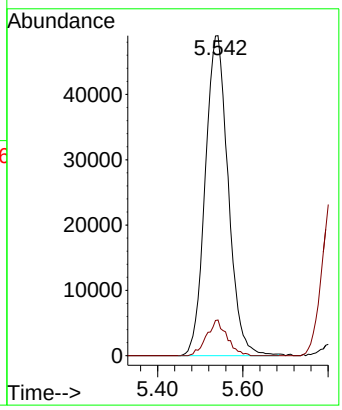


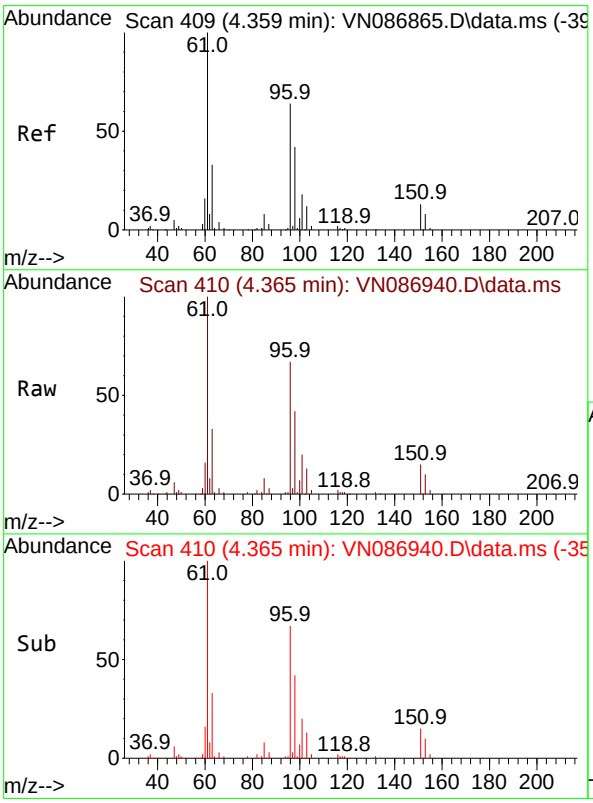
#11
Tert butyl alcohol
Concen: 245.667 ug/l
RT: 5.542 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 183049

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

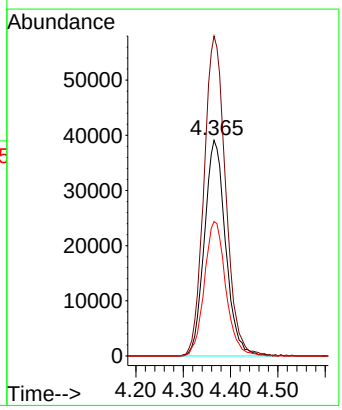


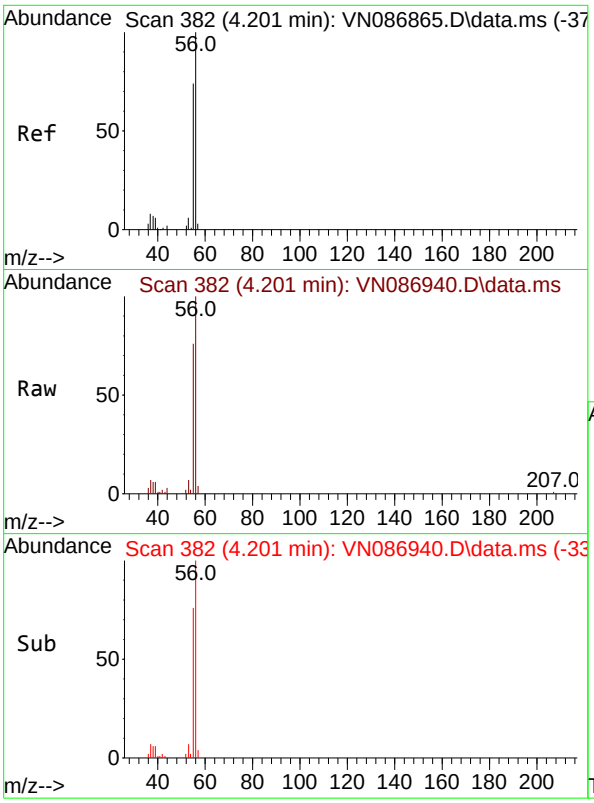


#12
1,1-Dichloroethene
Concen: 53.307 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 96 Resp: 121690

Ion	Ratio	Lower	Upper
96	100		
61	148.3	125.8	188.6
98	62.3	52.5	78.7



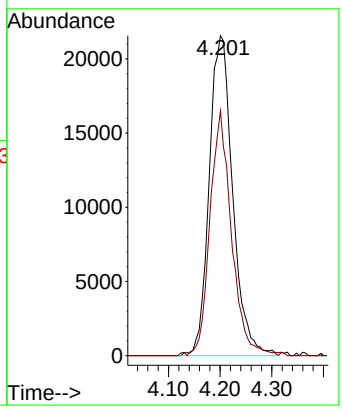


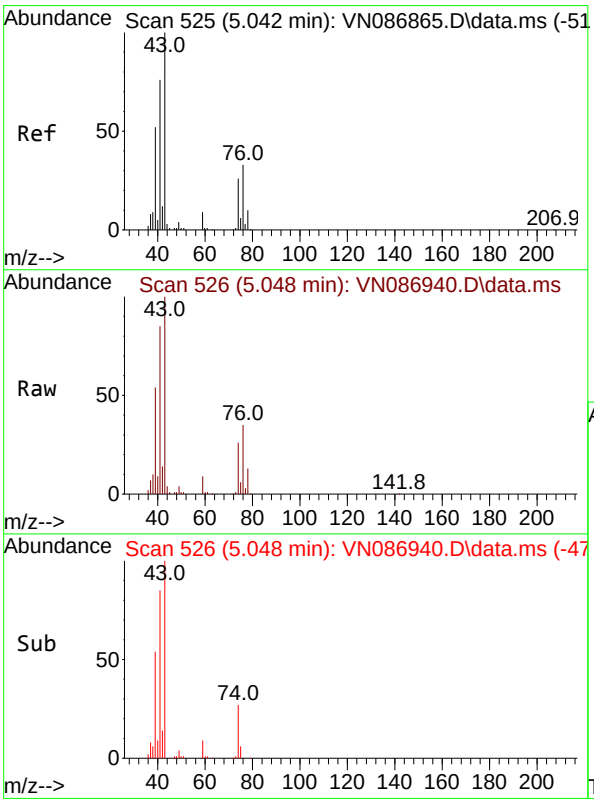
#13
Acrolein
Concen: 288.340 ug/l
RT: 4.201 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 68006

Ion	Ratio	Lower	Upper
56	100		
55	70.2	55.6	83.4

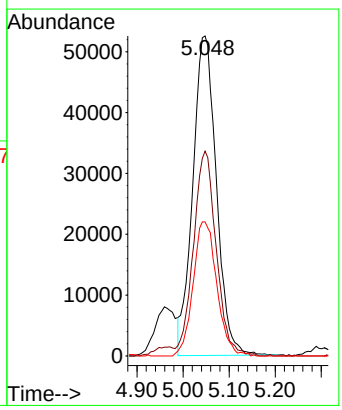


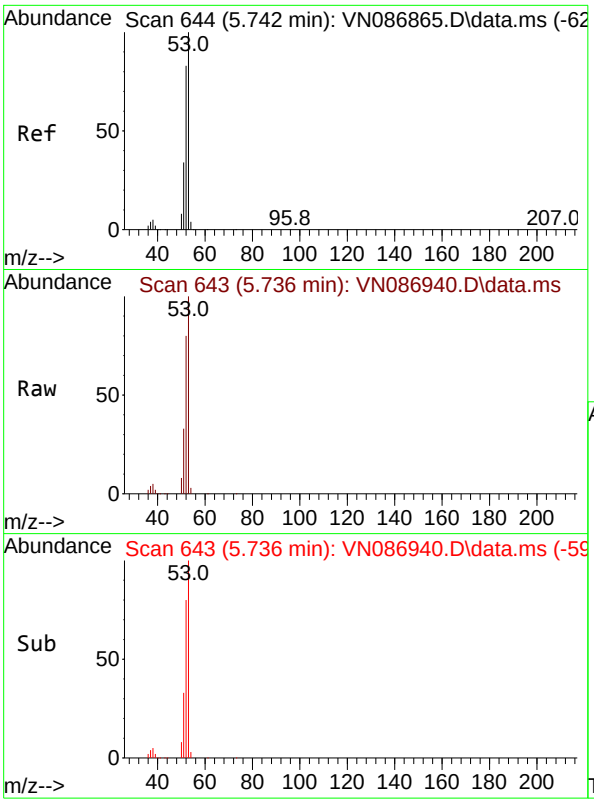


#14
Allyl chloride
Concen: 49.420 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 41 Resp: 187099

Ion	Ratio	Lower	Upper
41	100		
39	62.0	51.3	76.9
76	42.2	31.4	47.0



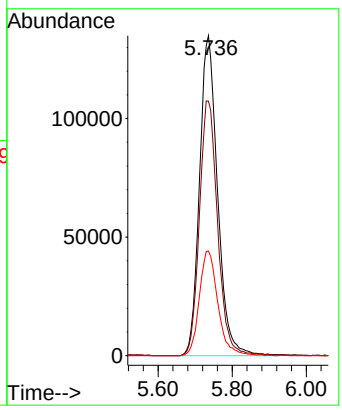


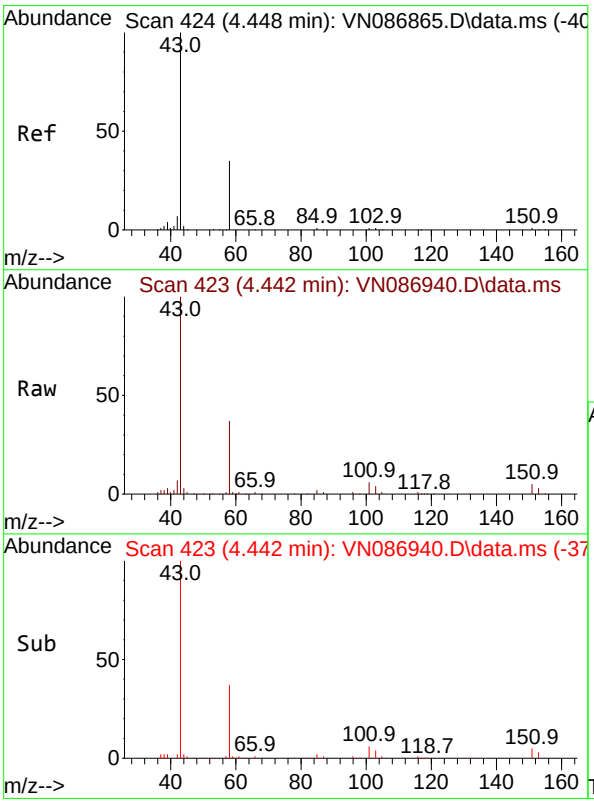
#15
Acrylonitrile
Concen: 262.349 ug/l
RT: 5.736 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 456903

Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.0	97.6
51	33.6	27.2	40.8

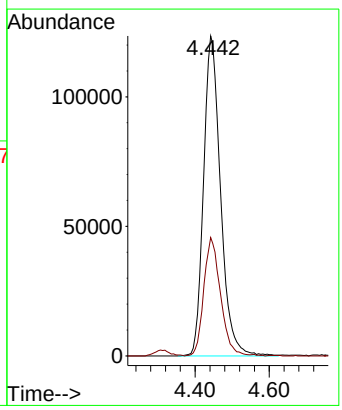


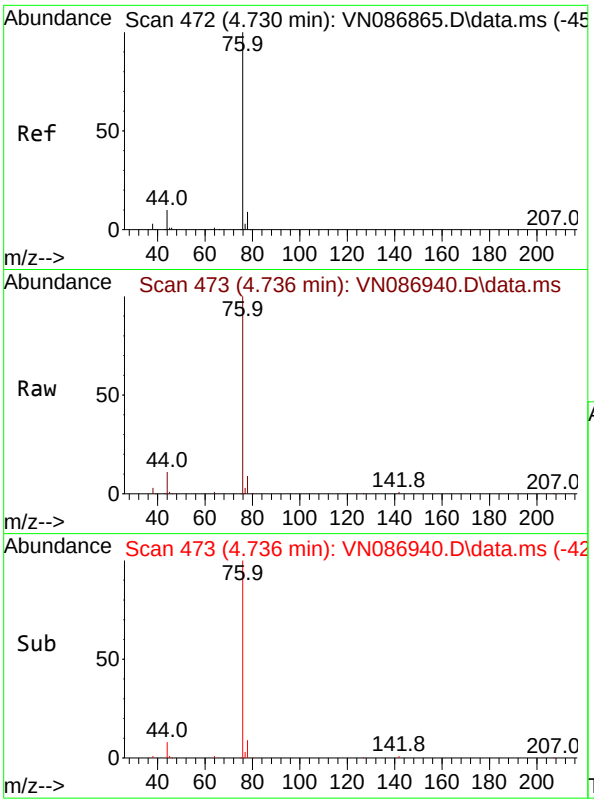


#16
Acetone
Concen: 270.423 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 393802

Ion	Ratio	Lower	Upper
43	100		
58	36.9	28.0	42.0



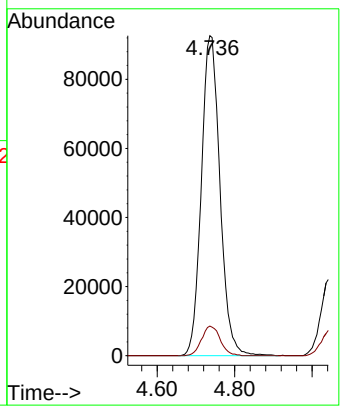


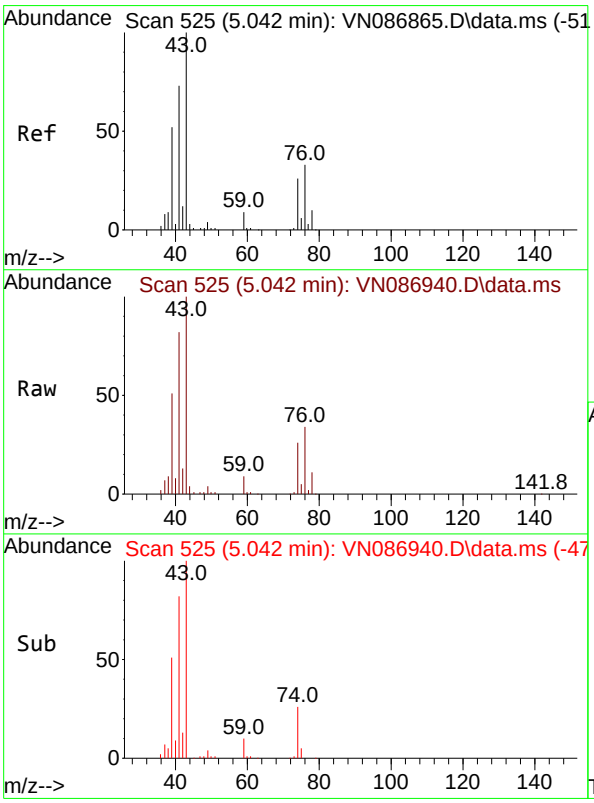
#17
Carbon Disulfide
Concen: 48.889 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 308706

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

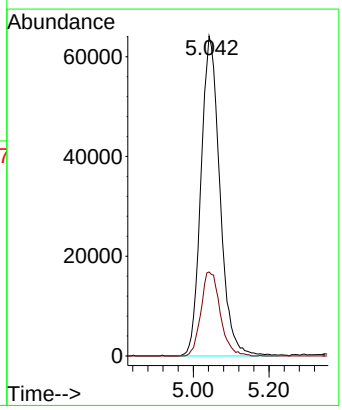


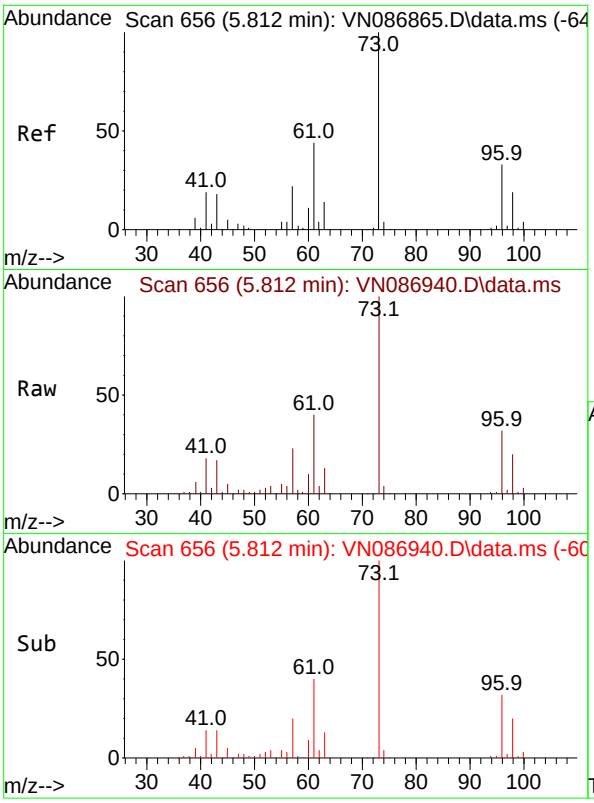


#18
Methyl Acetate
Concen: 52.419 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 222452

Ion	Ratio	Lower	Upper
43	100		
74	26.7	20.7	31.1



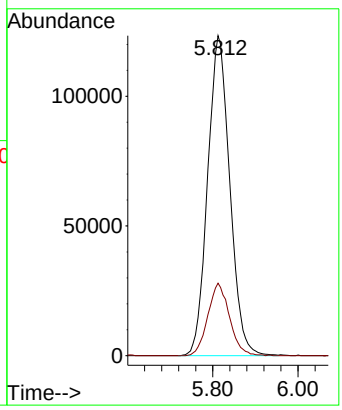


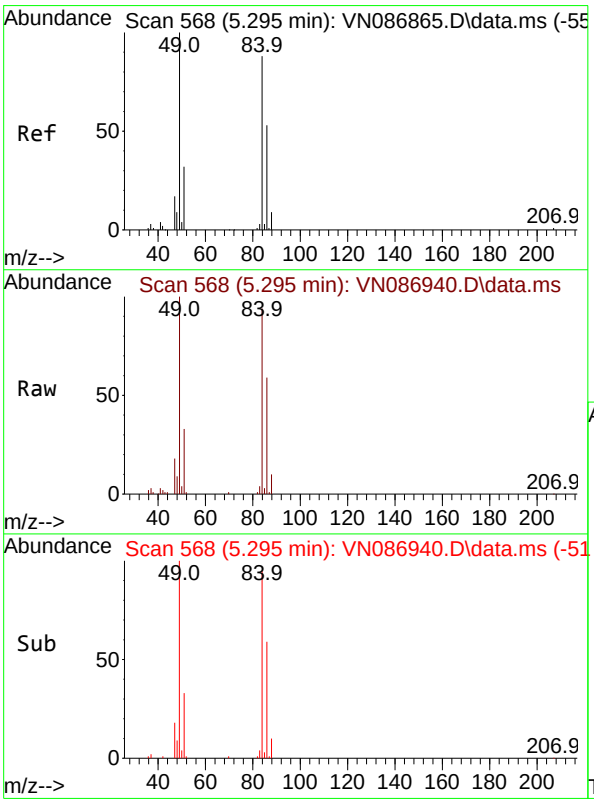
#19
Methyl tert-butyl Ether
Concen: 53.894 ug/l
RT: 5.812 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 445459

Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.4	26.2

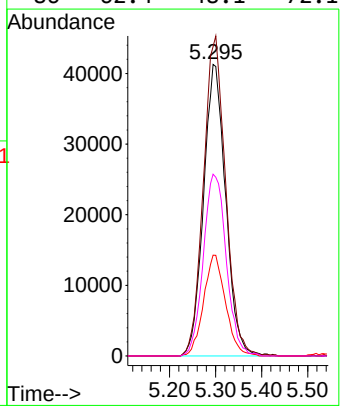


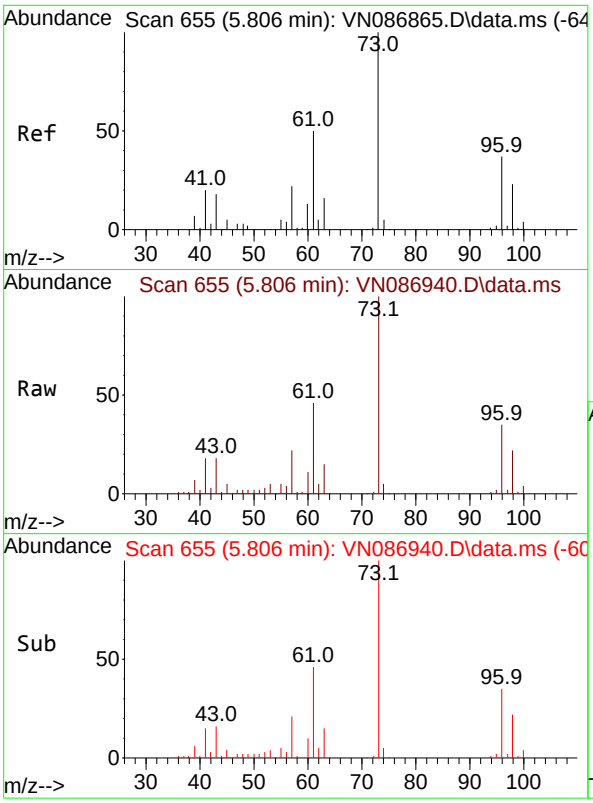


#20
Methylene Chloride
Concen: 50.660 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 84 Resp: 138117

Ion	Ratio	Lower	Upper
84	100		
49	106.1	90.5	135.7
51	34.5	28.5	42.7
86	62.4	48.1	72.1



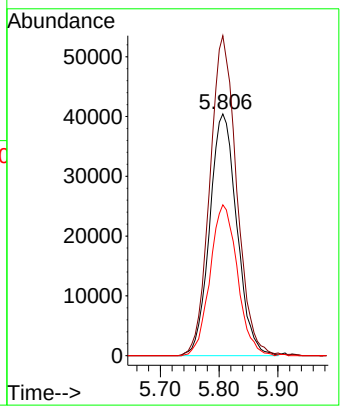


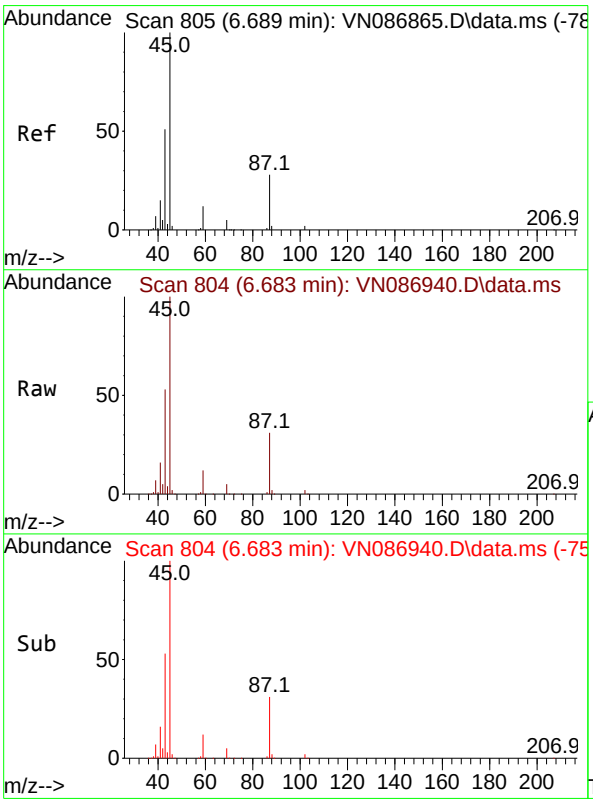
#21
trans-1,2-Dichloroethene
Concen: 51.154 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 129921

Ion	Ratio	Lower	Upper
96	100		
61	132.3	109.2	163.8
98	62.4	49.8	74.8

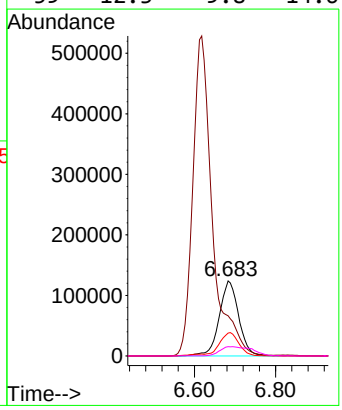


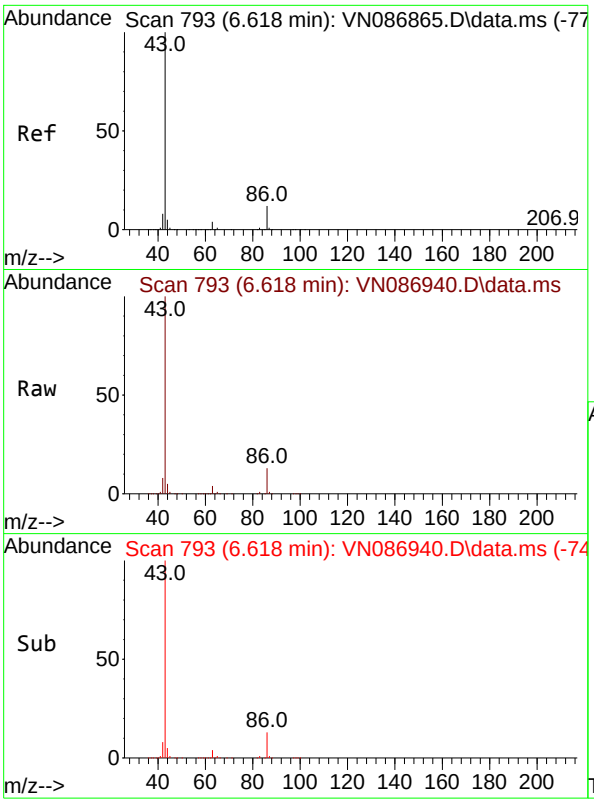


#22
Diisopropyl ether
Concen: 51.639 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 45 Resp: 412097

Ion	Ratio	Lower	Upper
45	100		
43	52.4	41.9	62.9
87	30.3	22.4	33.6
59	12.3	9.8	14.6



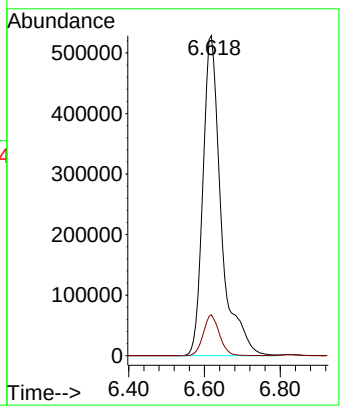


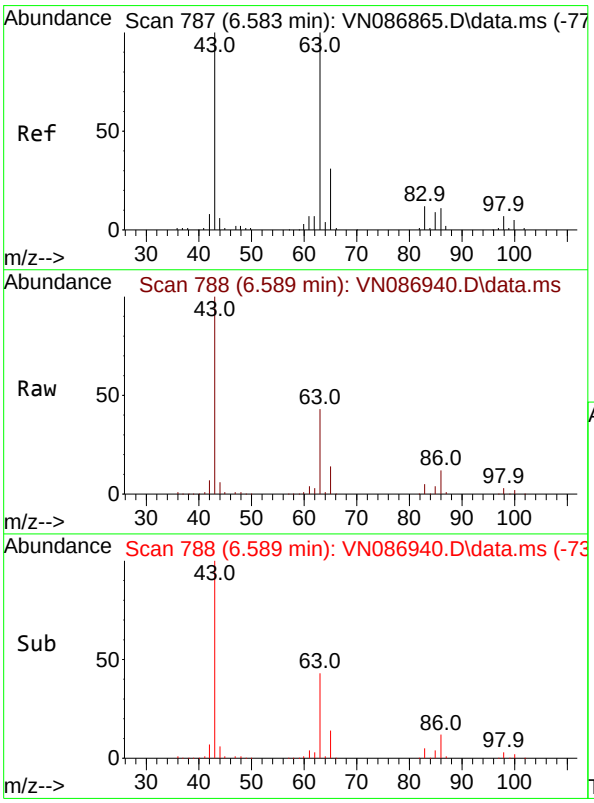
#23
Vinyl Acetate
Concen: 261.960 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1766271

Ion	Ratio	Lower	Upper
43	100		
86	12.8	9.5	14.3

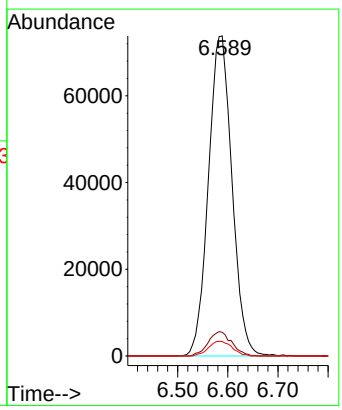


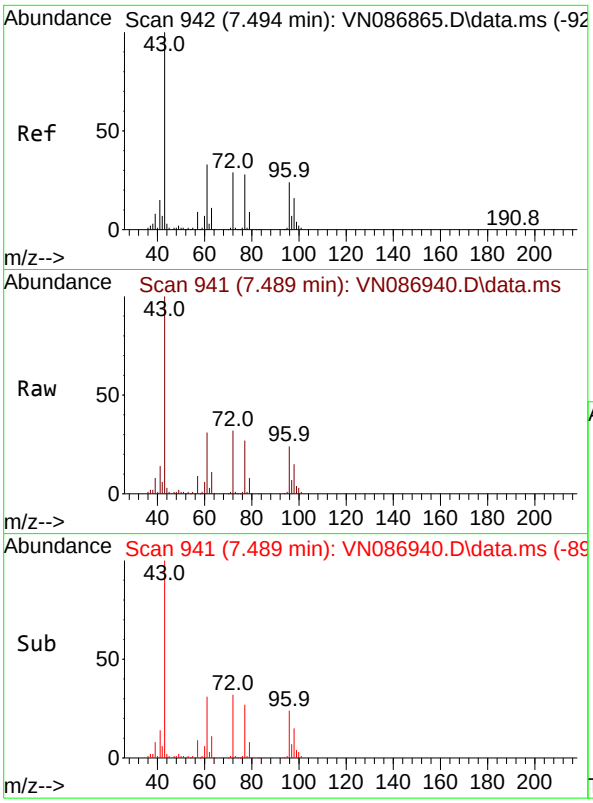


#24
1,1-Dichloroethane
Concen: 52.602 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 63 Resp: 241575

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.6	10.8
100	4.5	2.6	7.8



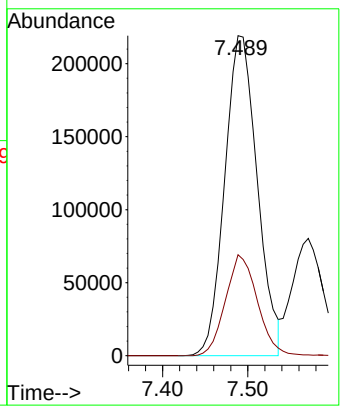


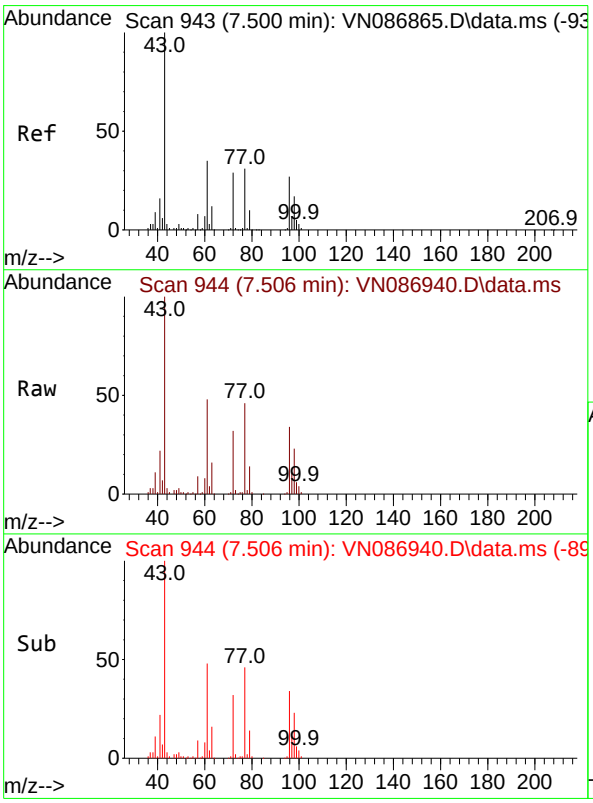
#25
2-Butanone
Concen: 246.018 ug/l
RT: 7.489 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 582343

Ion	Ratio	Lower	Upper
43	100		
72	31.5	23.0	34.6

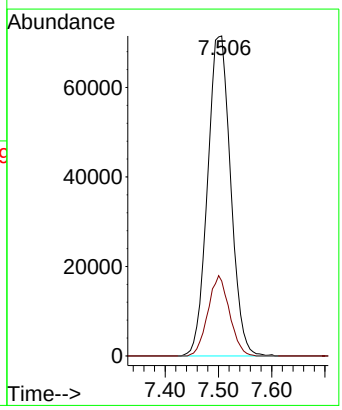


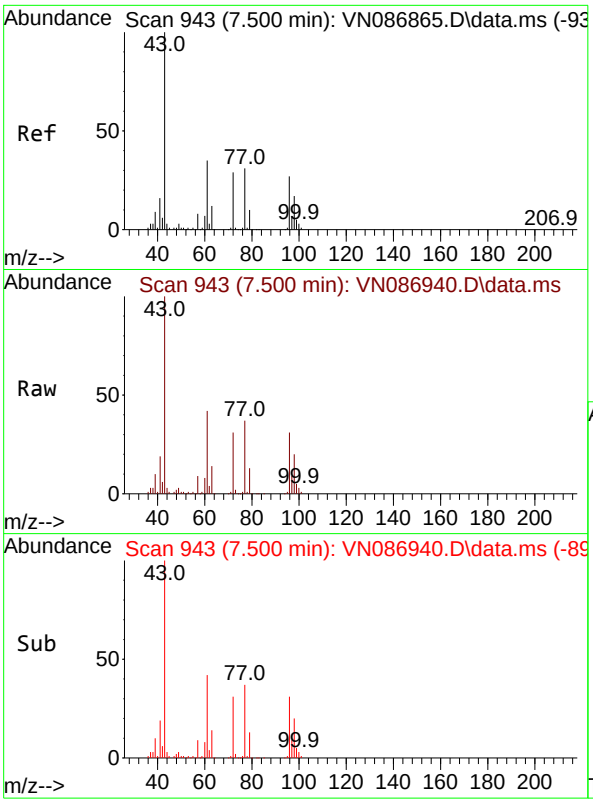


#26
2,2-Dichloropropane
Concen: 60.206 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 77 Resp: 215080

Ion	Ratio	Lower	Upper
77	100		
97	23.4	11.6	34.7



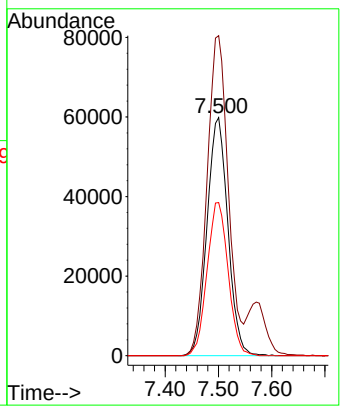


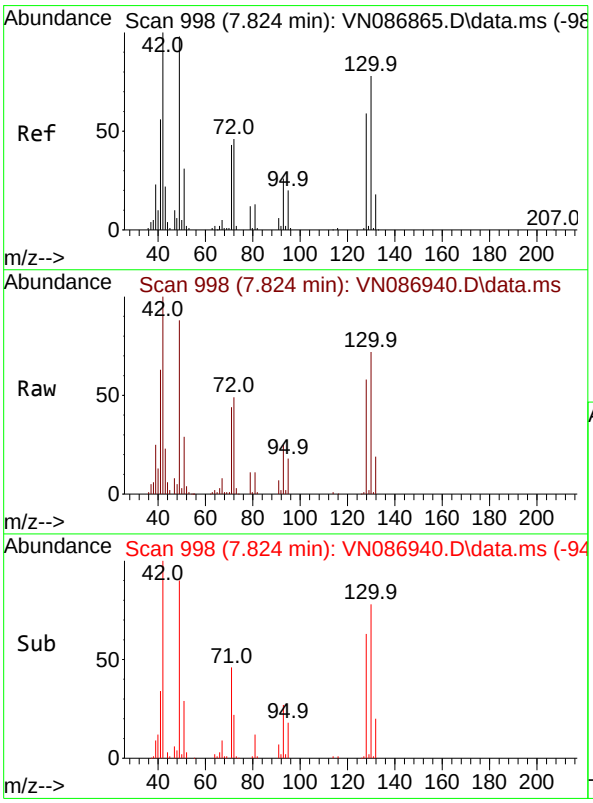
#27
cis-1,2-Dichloroethene
Concen: 53.551 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 162658

Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	278.0
98	65.1	0.0	128.2

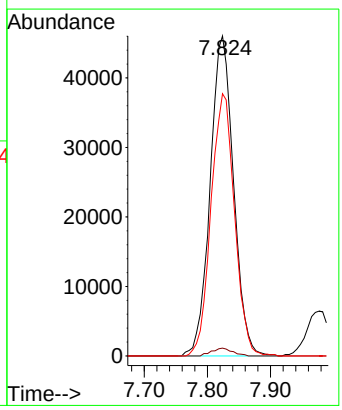


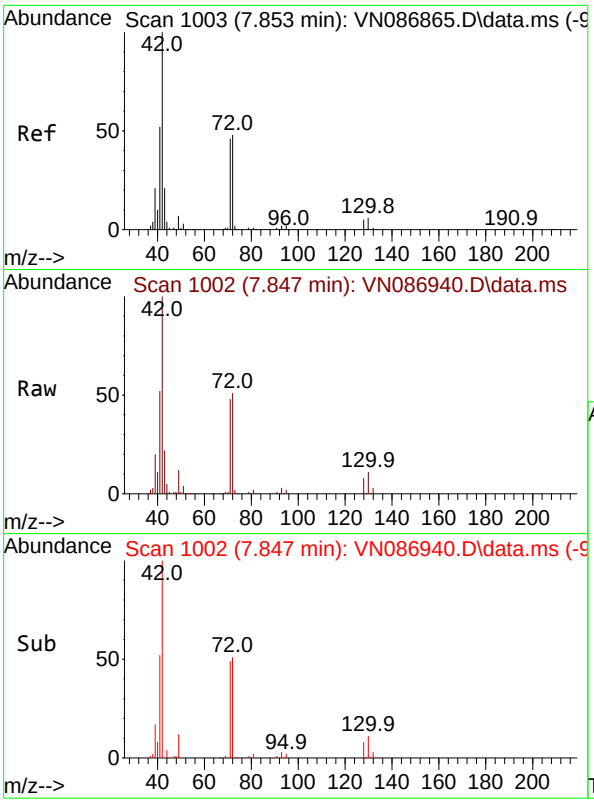


#28
Bromochloromethane
Concen: 52.462 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 49 Resp: 118461

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	82.4	62.2	93.2



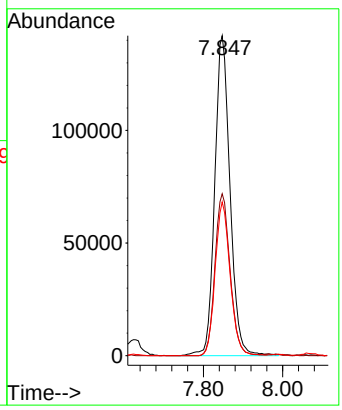


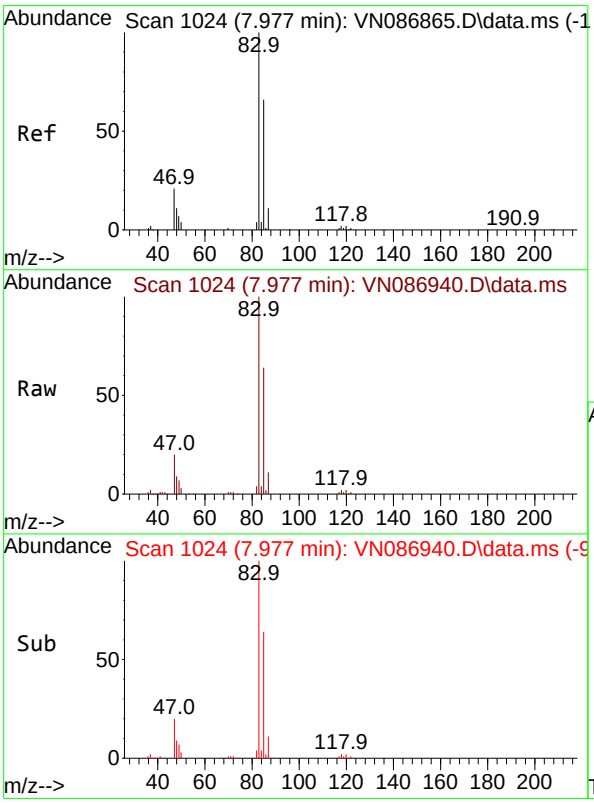
#29
Tetrahydrofuran
Concen: 246.502 ug/l
RT: 7.847 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 380103

Ion	Ratio	Lower	Upper
42	100		
72	50.1	37.8	56.6
71	47.0	35.6	53.4

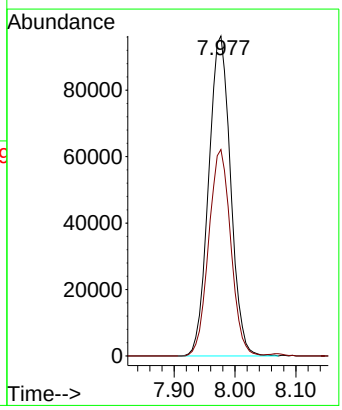


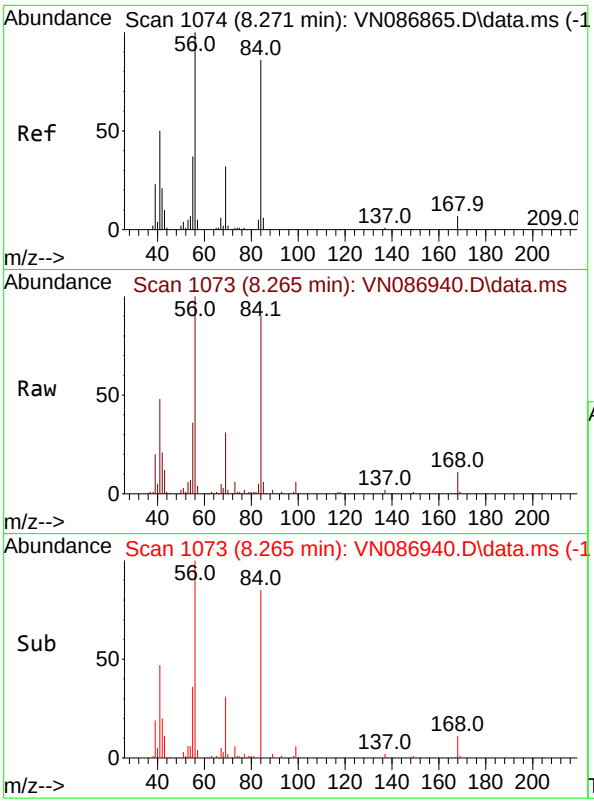


#30
Chloroform
Concen: 52.589 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 83 Resp: 241191

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.9	79.3



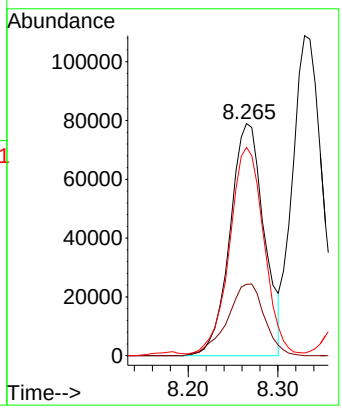


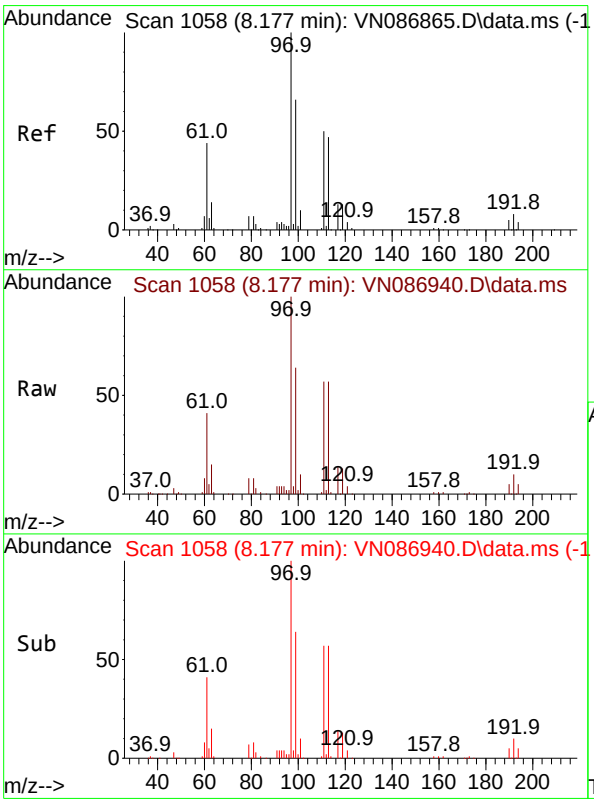
#31
Cyclohexane
Concen: 46.846 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 208644

Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.4	38.0
84	88.6	68.8	103.2

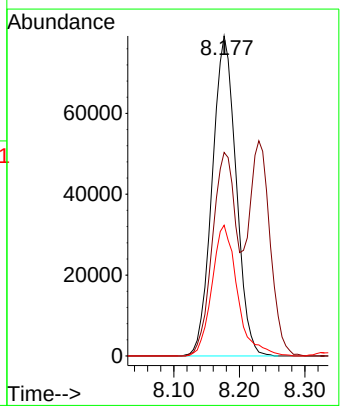


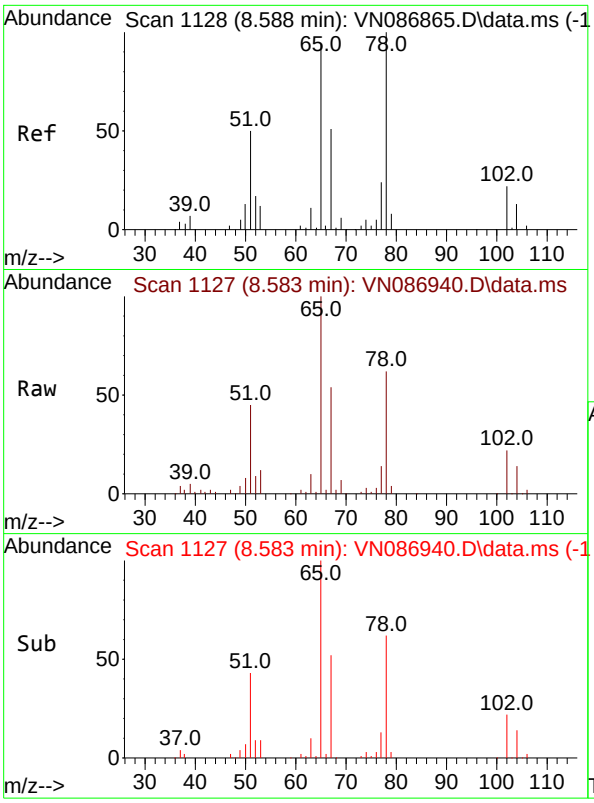


#32
1,1,1-Trichloroethane
Concen: 51.307 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 97 Resp: 200139

Ion	Ratio	Lower	Upper
97	100		
99	62.4	52.0	78.0
61	43.5	35.9	53.9



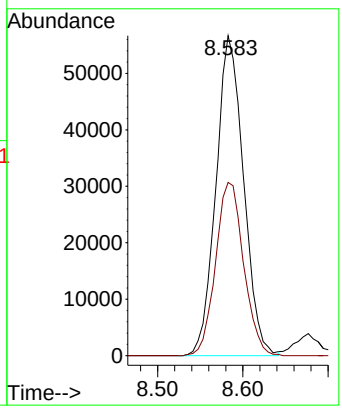


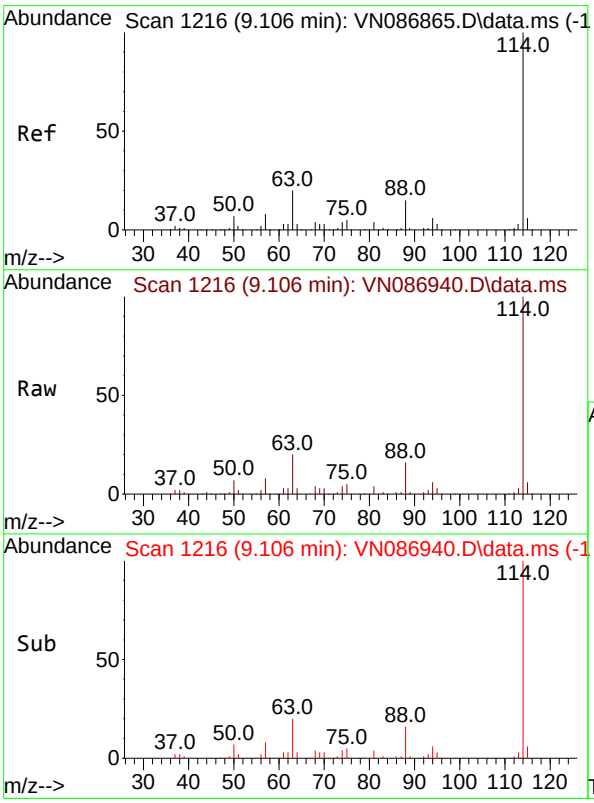
#33
1,2-Dichloroethane-d4
Concen: 46.478 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 127629

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	105.6

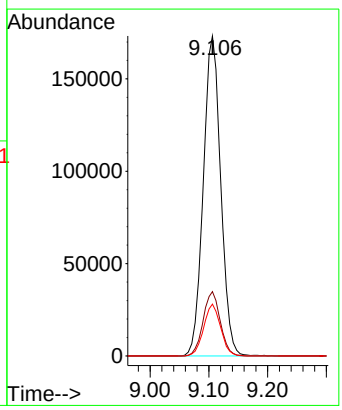


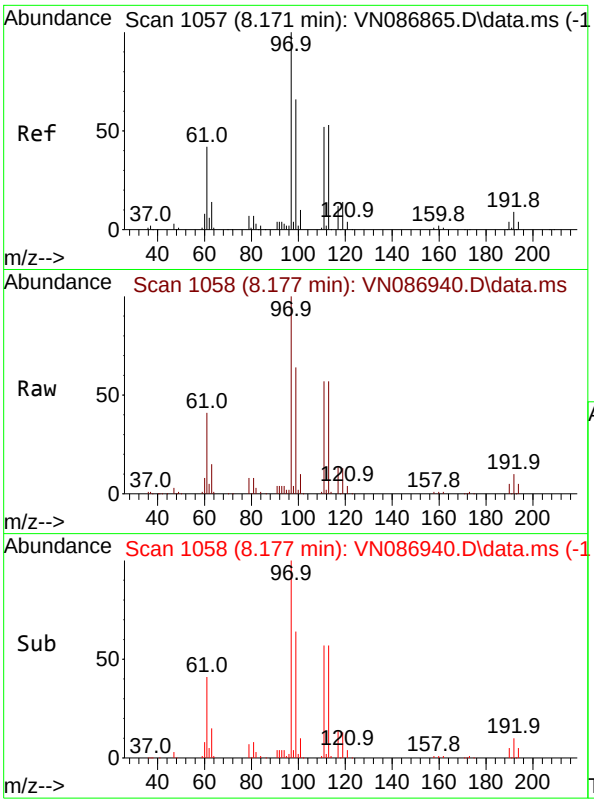


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:114 Resp: 357643

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	16.2	0.0	30.2



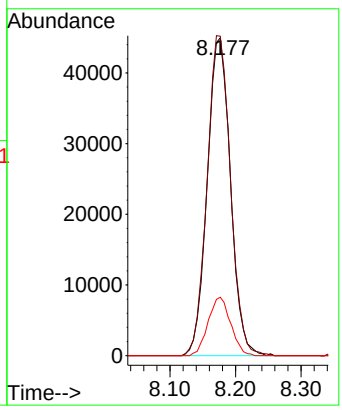


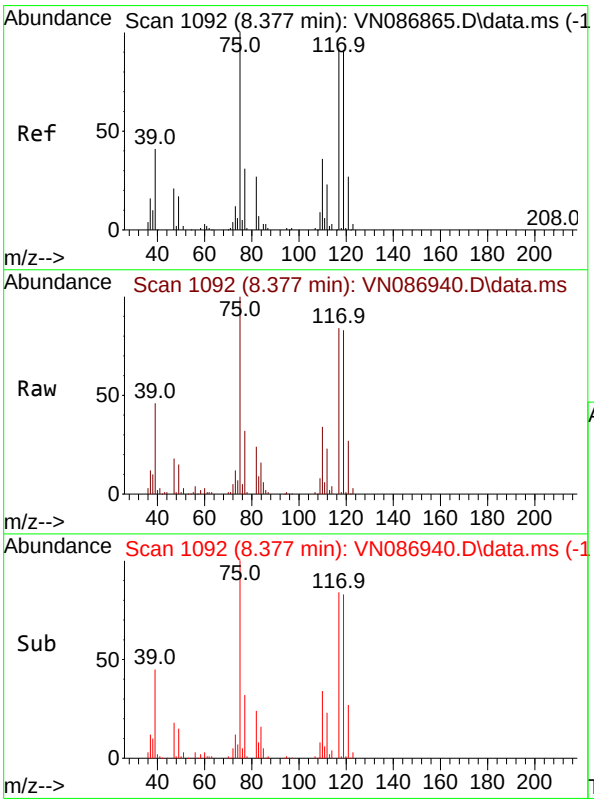
#35
Dibromofluoromethane
Concen: 52.151 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 110532

Ion	Ratio	Lower	Upper
113	100		
111	101.8	84.2	126.2
192	17.9	14.2	21.4

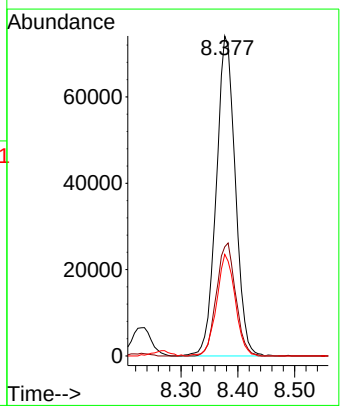


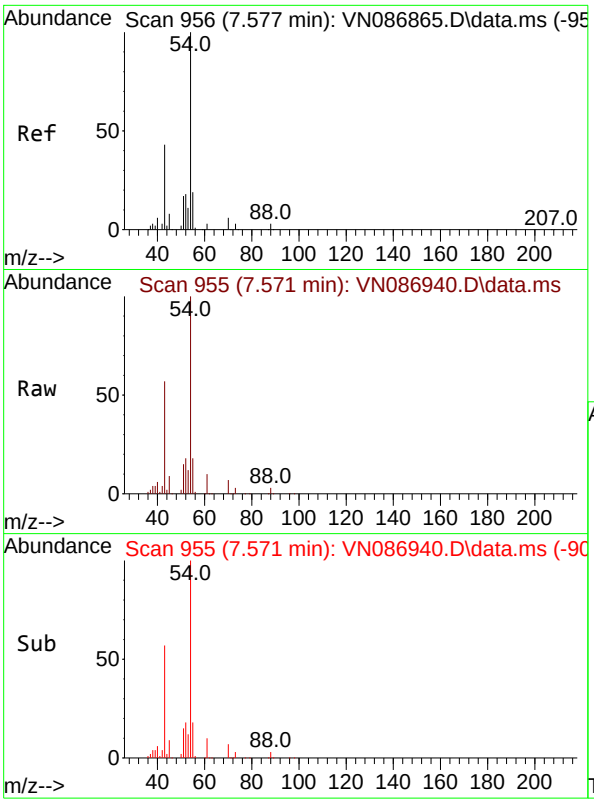


#36
1,1-Dichloropropene
Concen: 54.664 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 172642

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.6	52.9
77	31.1	25.3	37.9



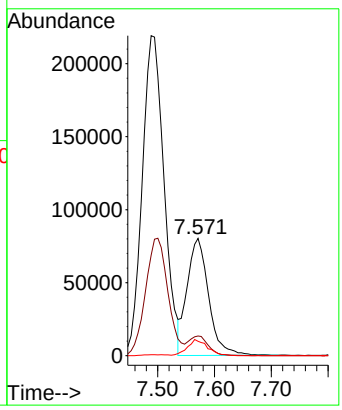


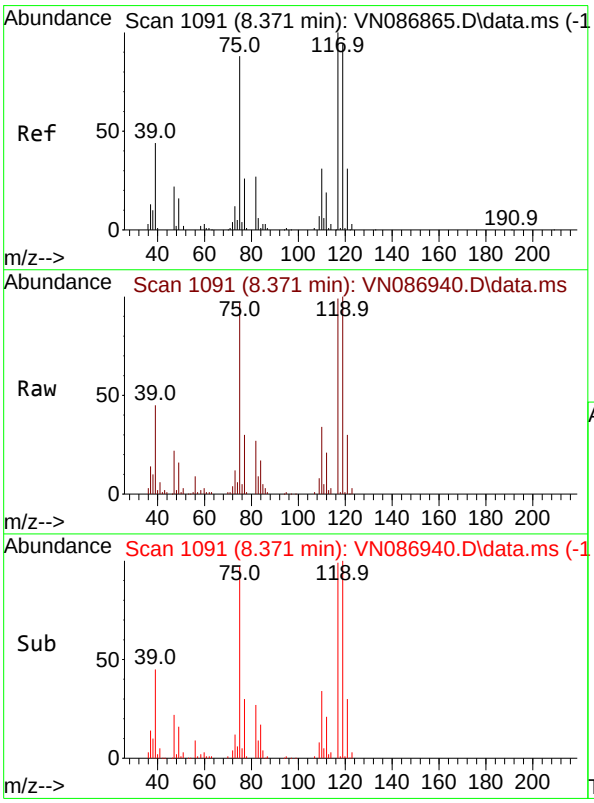
#37
Ethyl Acetate
Concen: 52.670 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 211755

Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.1	18.1
70	12.8	9.8	14.6

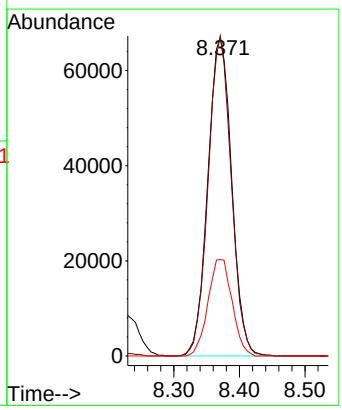


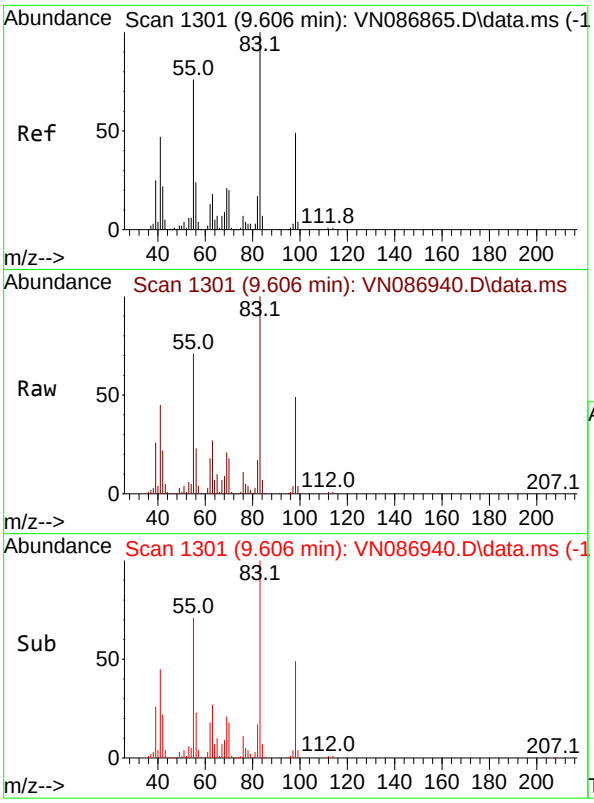


#38
Carbon Tetrachloride
Concen: 54.485 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:117 Resp: 168940

Ion	Ratio	Lower	Upper
117	100		
119	100.6	75.0	112.6
121	30.4	24.9	37.3



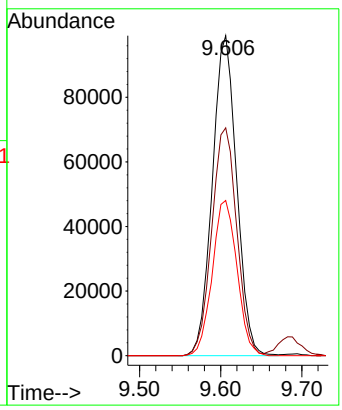


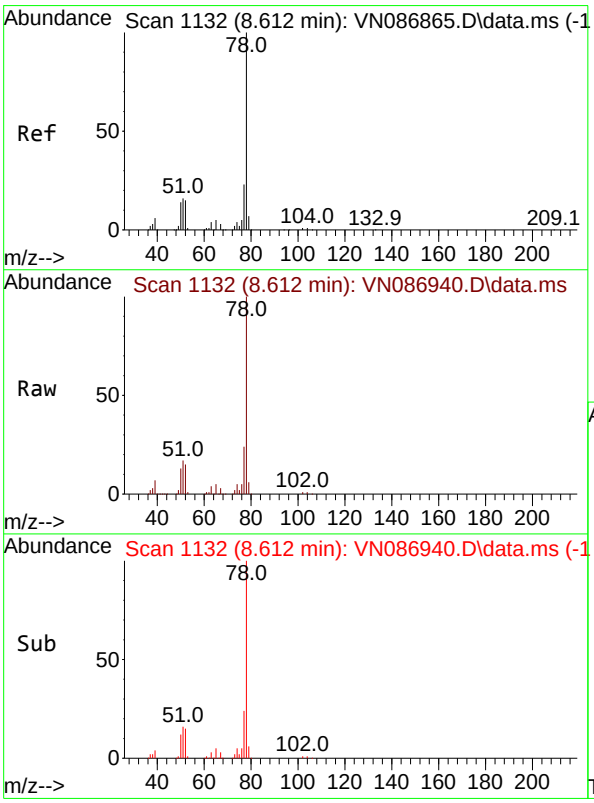
#39
Methylcyclohexane
Concen: 47.613 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 206018

Ion	Ratio	Lower	Upper
83	100		
55	71.2	61.0	91.6
98	48.5	38.9	58.3

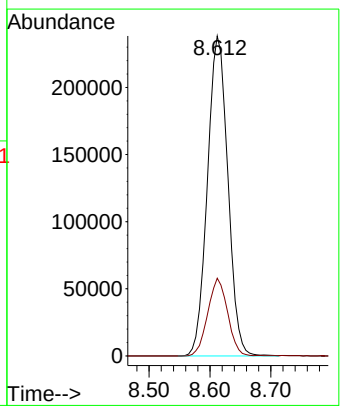


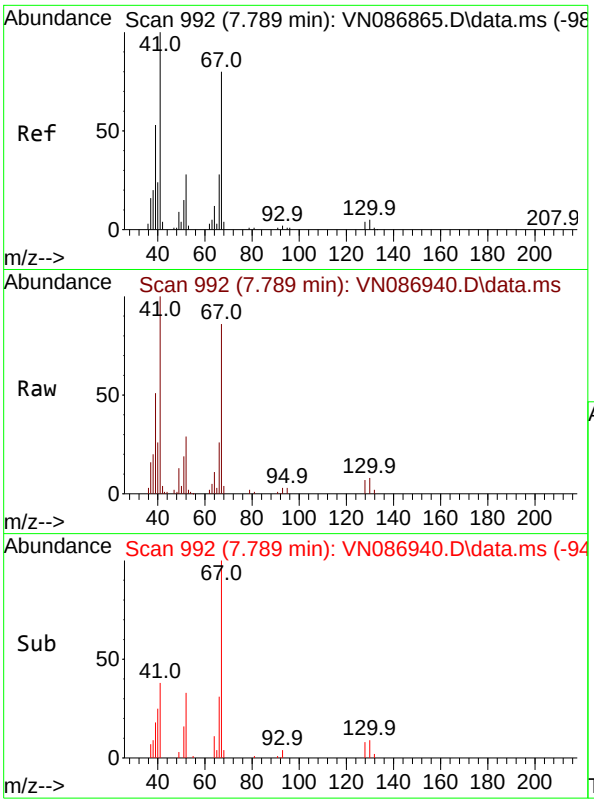


#40
Benzene
Concen: 53.798 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 78 Resp: 555597

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.7	28.1



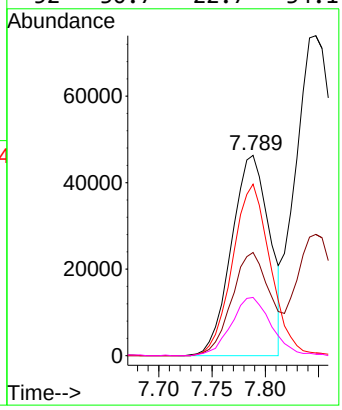


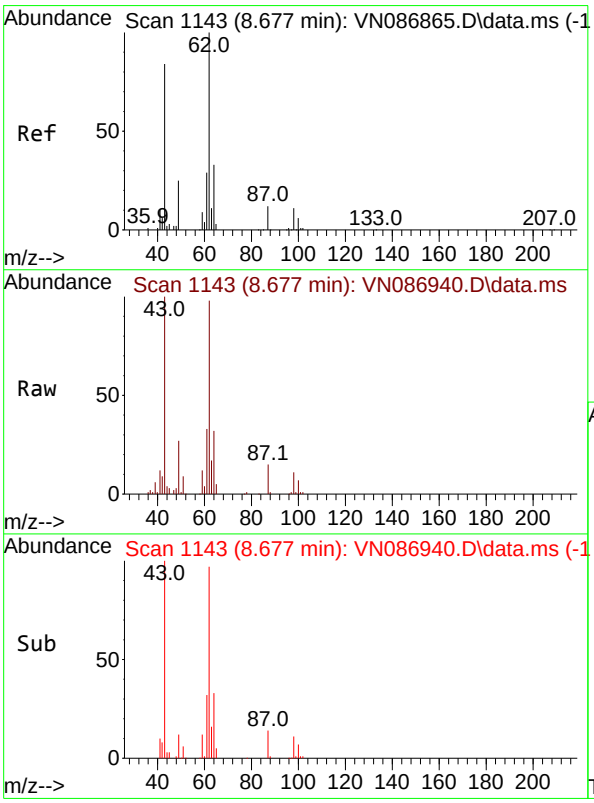
#41
Methacrylonitrile
Concen: 51.017 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 115191

Ion	Ratio	Lower	Upper
41	100		
39	53.8	41.2	61.8
67	85.5	61.4	92.2
52	30.7	22.7	34.1

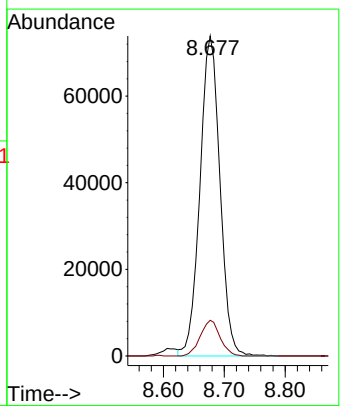


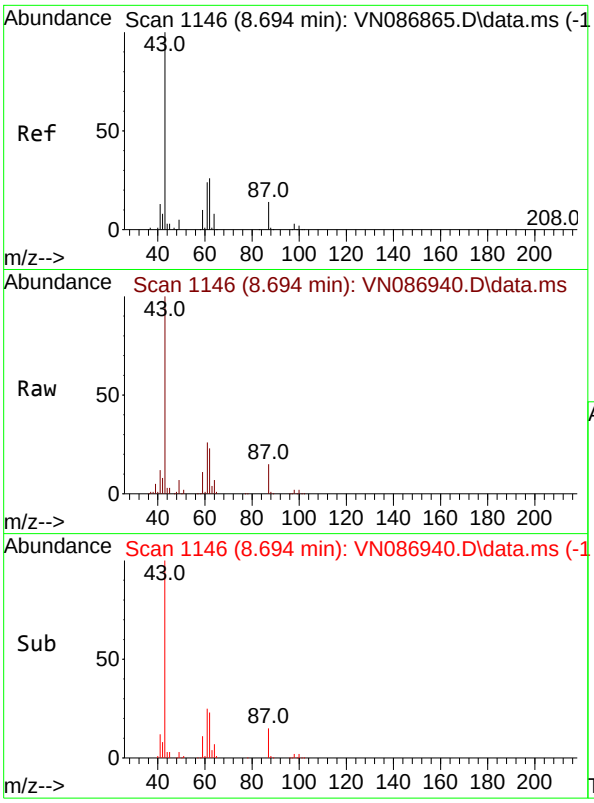


#42
1,2-Dichloroethane
Concen: 53.833 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 62 Resp: 168630

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.2



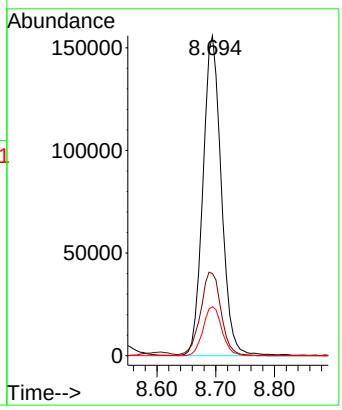


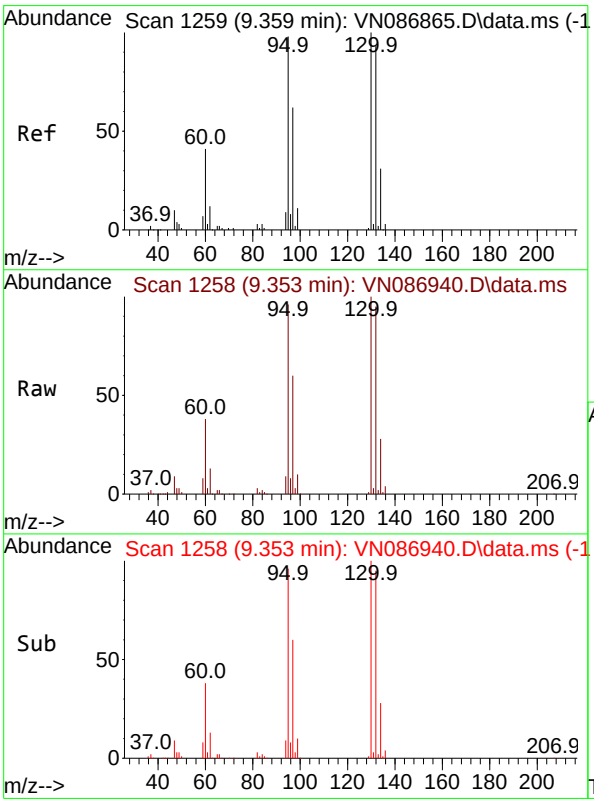
#43
Isopropyl Acetate
Concen: 52.442 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 338399

Ion	Ratio	Lower	Upper
43	100		
61	29.2	22.1	33.1
87	15.7	11.8	17.6

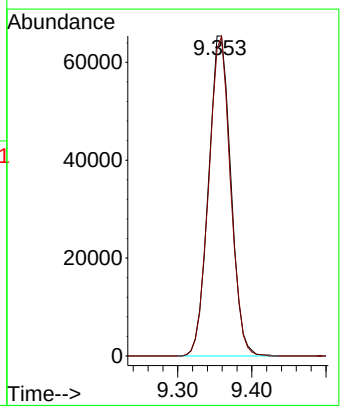


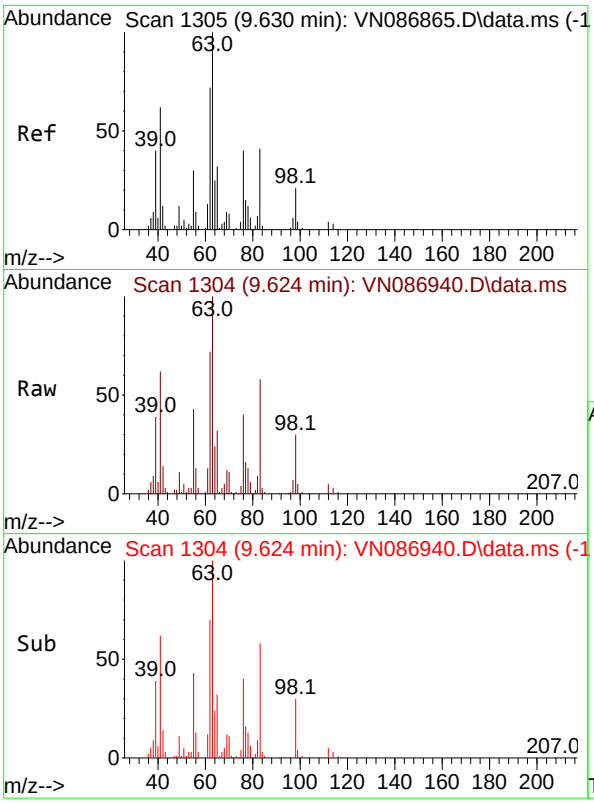


#44
Trichloroethene
Concen: 55.842 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:130 Resp: 136748

Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	196.2



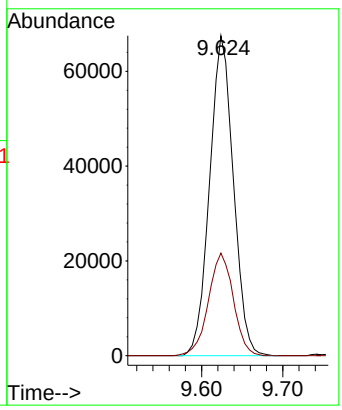


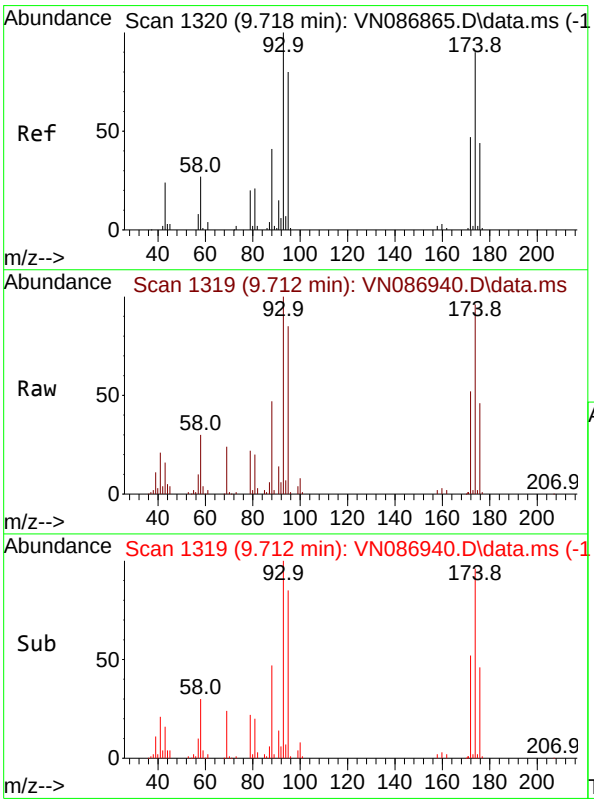
#45
1,2-Dichloropropane
Concen: 54.626 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 137250

Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.5	38.3

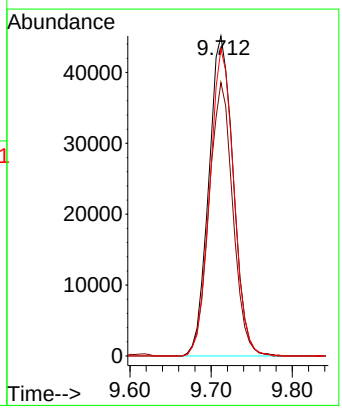


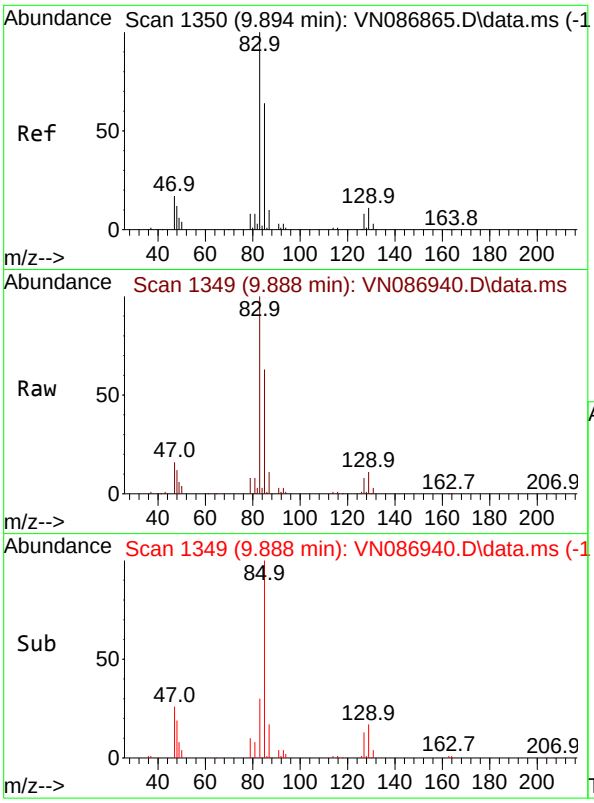


#46
Dibromomethane
Concen: 56.697 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 93 Resp: 94620

Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.1	100.7
174	94.1	74.2	111.4



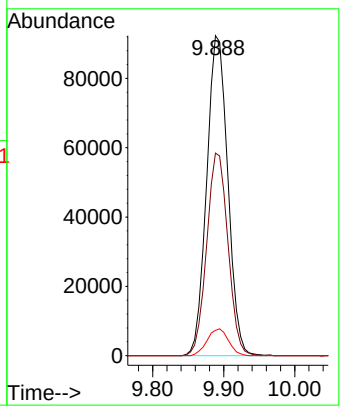


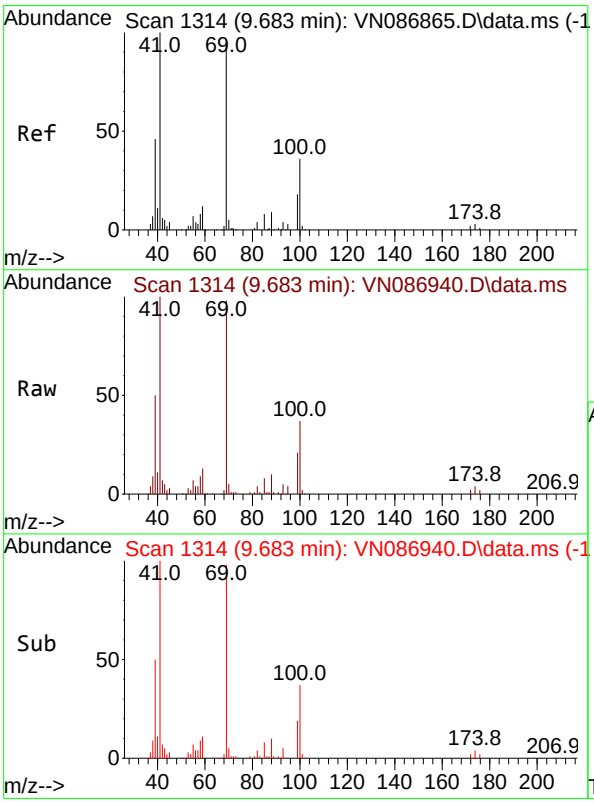
#47
Bromodichloromethane
Concen: 55.440 ug/l
RT: 9.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 190362

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	7.9	6.6	10.0

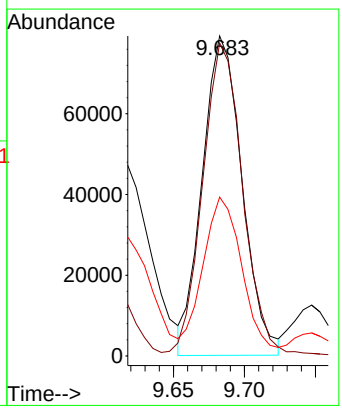


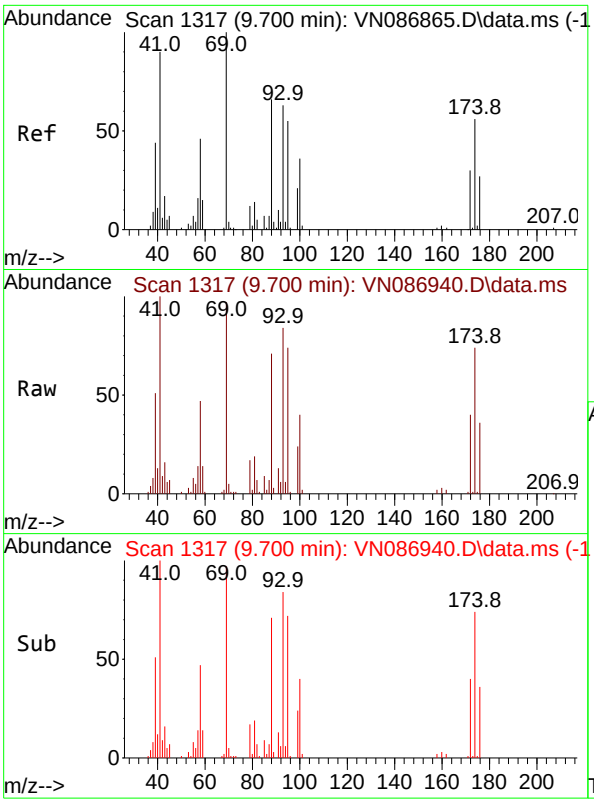


#48
Methyl methacrylate
Concen: 51.898 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 41 Resp: 154138

Ion	Ratio	Lower	Upper
41	100		
69	98.4	74.6	112.0
39	49.7	40.2	60.4



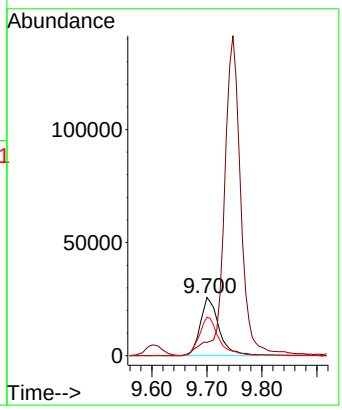


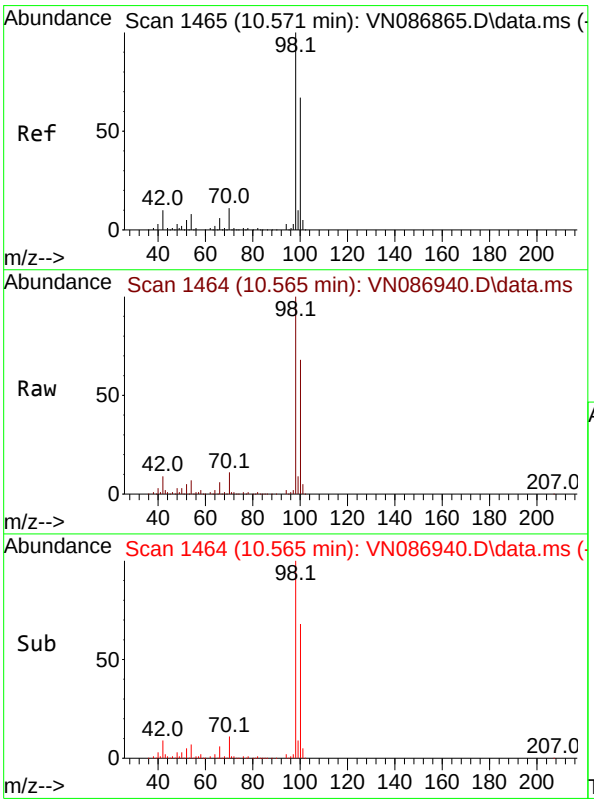
#49
1,4-Dioxane
Concen: 1128.409 ug/l
RT: 9.700 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 60969

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	68.8	57.7	86.5

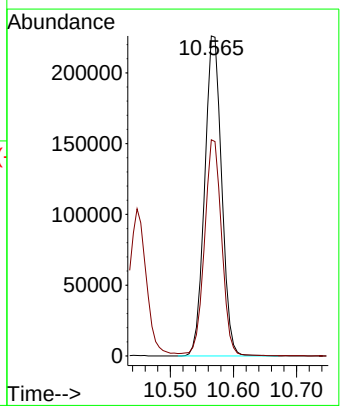


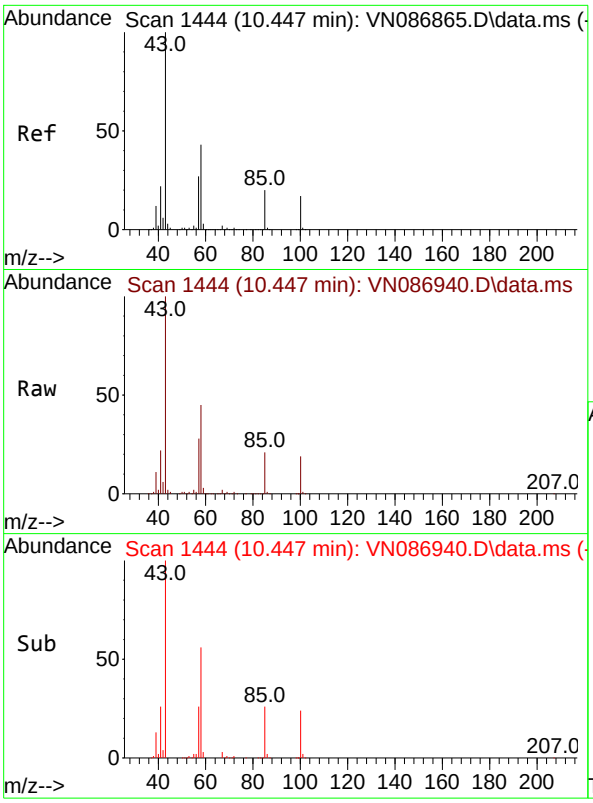


#50
Toluene-d8
Concen: 50.342 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 98 Resp: 422391

Ion	Ratio	Lower	Upper
98	100		
100	68.2	53.4	80.0



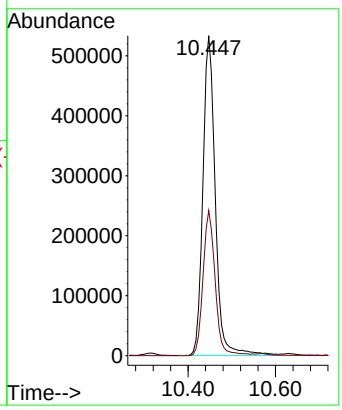


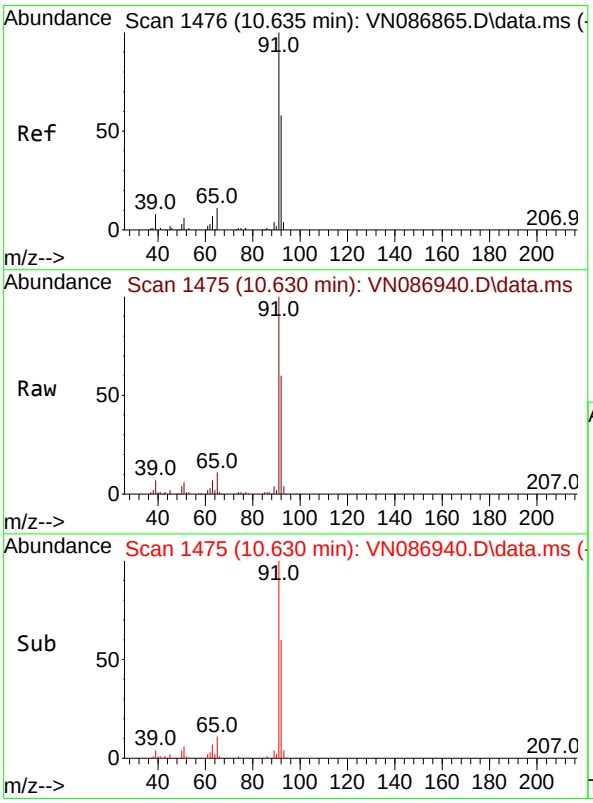
#51
4-Methyl-2-Pentanone
Concen: 271.529 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1054797

Ion	Ratio	Lower	Upper
43	100		
58	44.3	34.2	51.4

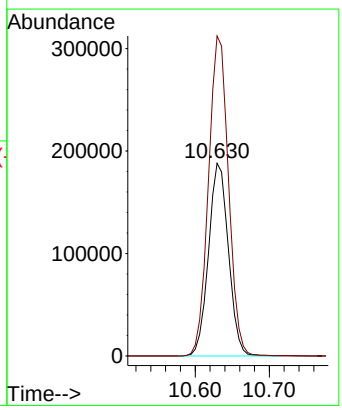


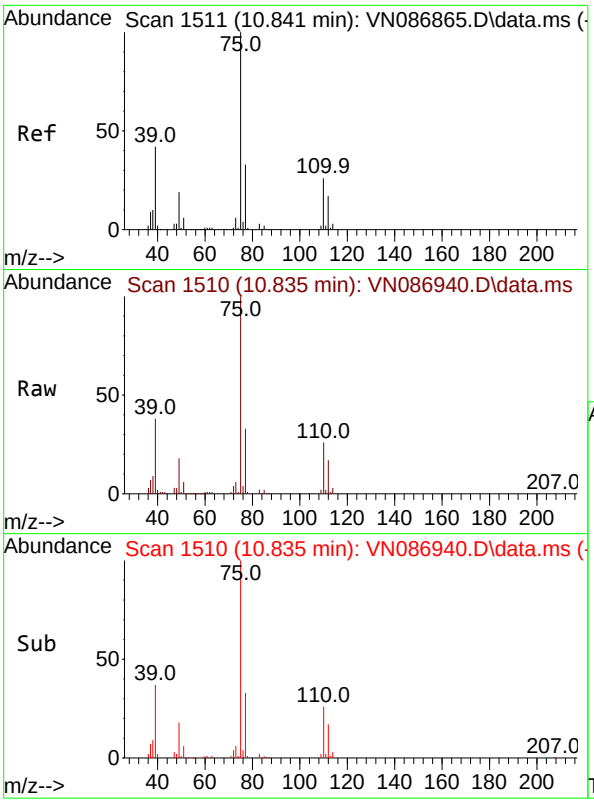


#52
Toluene
Concen: 55.435 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 92 Resp: 349873

Ion	Ratio	Lower	Upper
92	100		
91	167.2	136.5	204.7



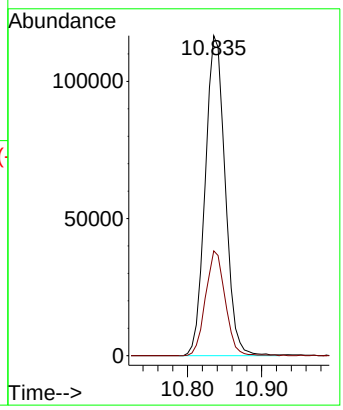


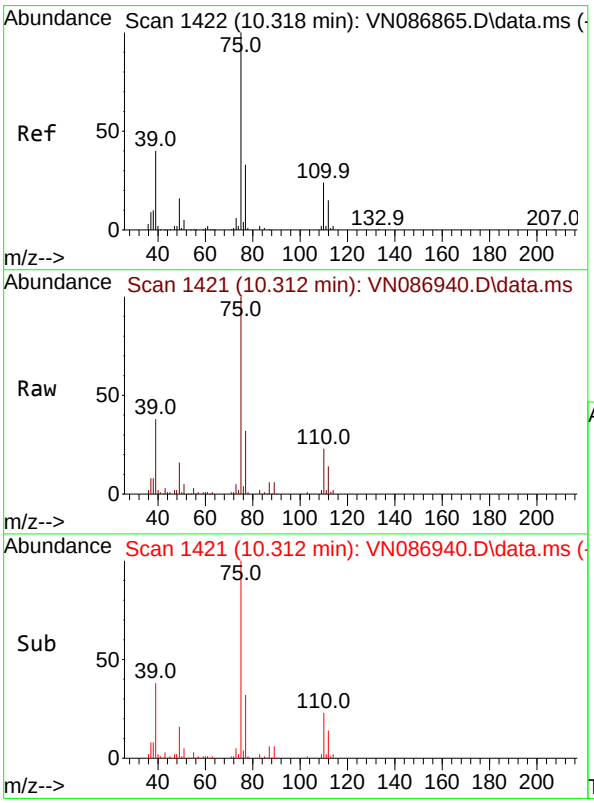
#53
t-1,3-Dichloropropene
Concen: 56.714 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 217752

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.4	39.6

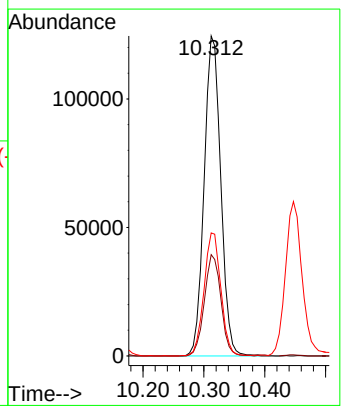


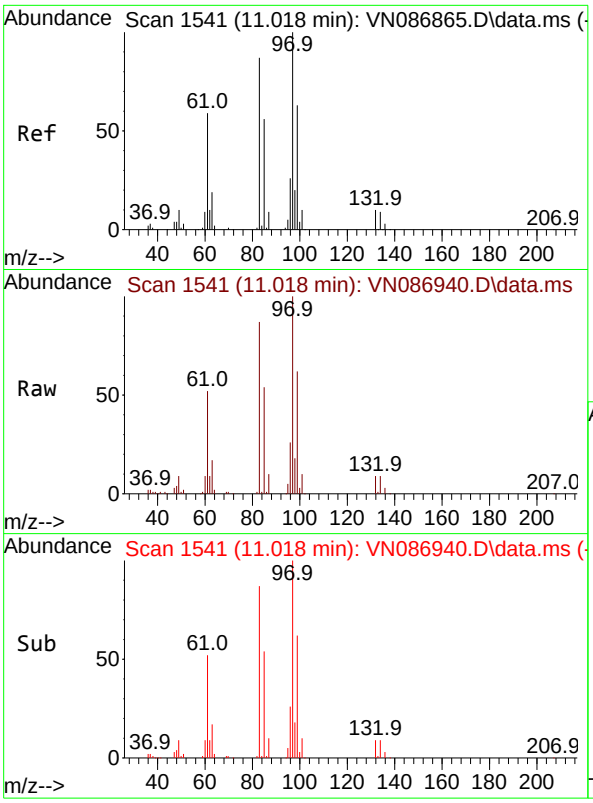


#54
cis-1,3-Dichloropropene
Concen: 57.518 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 236296

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.4
39	38.5	32.3	48.5



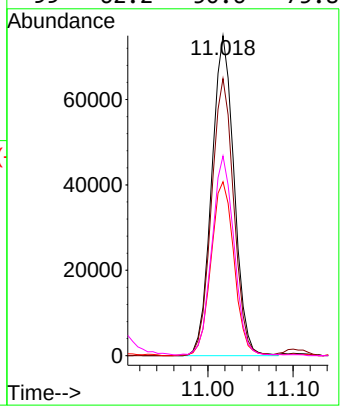


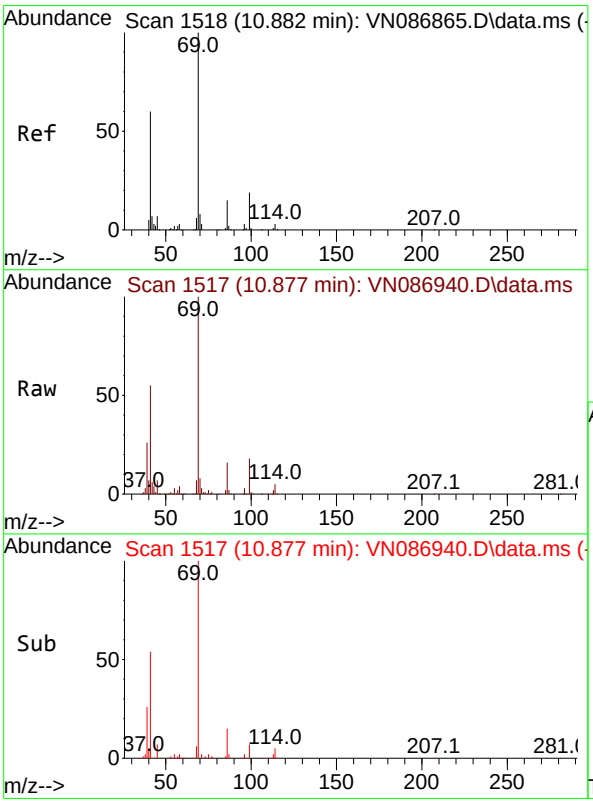
#55
1,1,2-Trichloroethane
Concen: 56.454 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 137099

Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.7	104.5
85	54.1	45.1	67.7
99	62.2	50.6	75.8

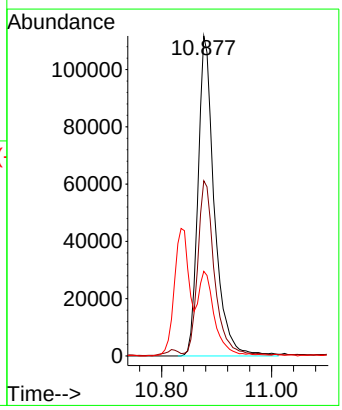


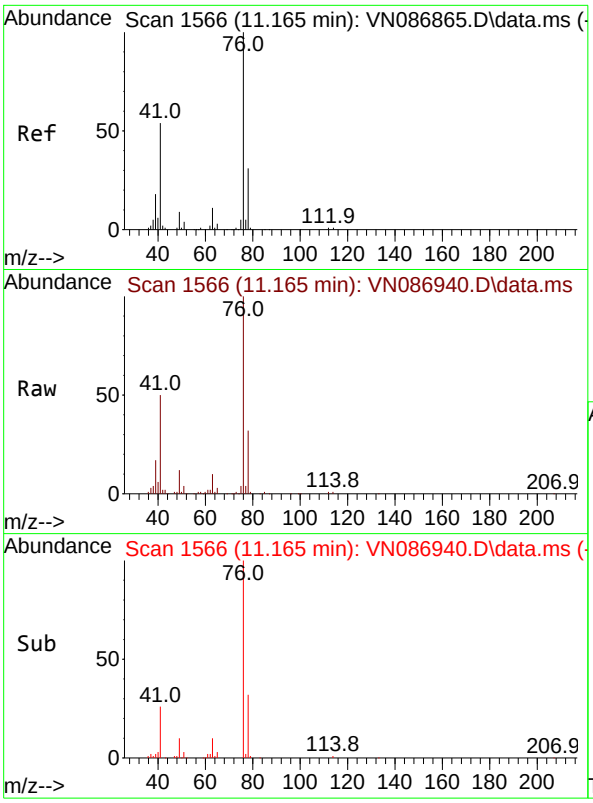


#56
Ethyl methacrylate
Concen: 59.778 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 69 Resp: 231226

Ion	Ratio	Lower	Upper
69	100		
41	55.6	47.2	70.8
39	26.0	23.0	34.6



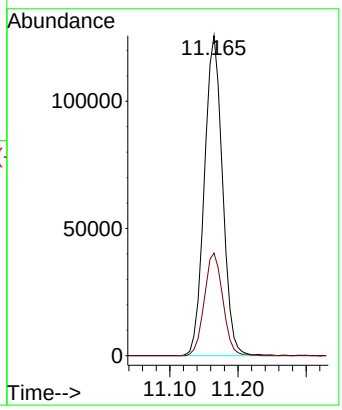


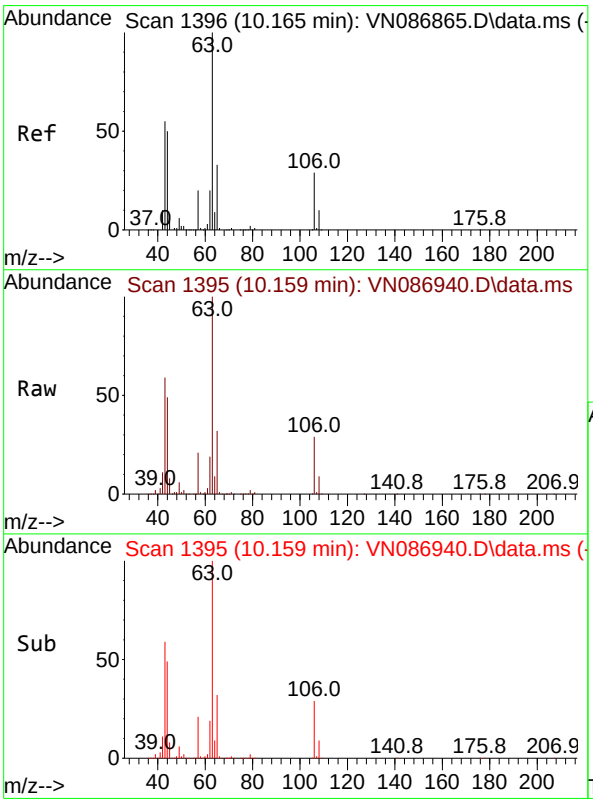
#57
1,3-Dichloropropane
Concen: 55.247 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 232746

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.3	37.9

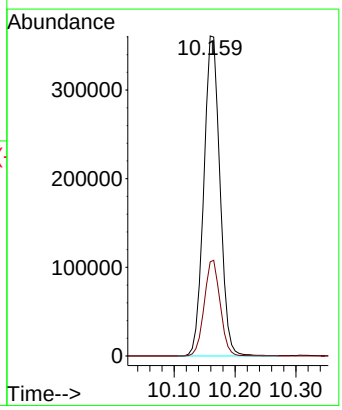


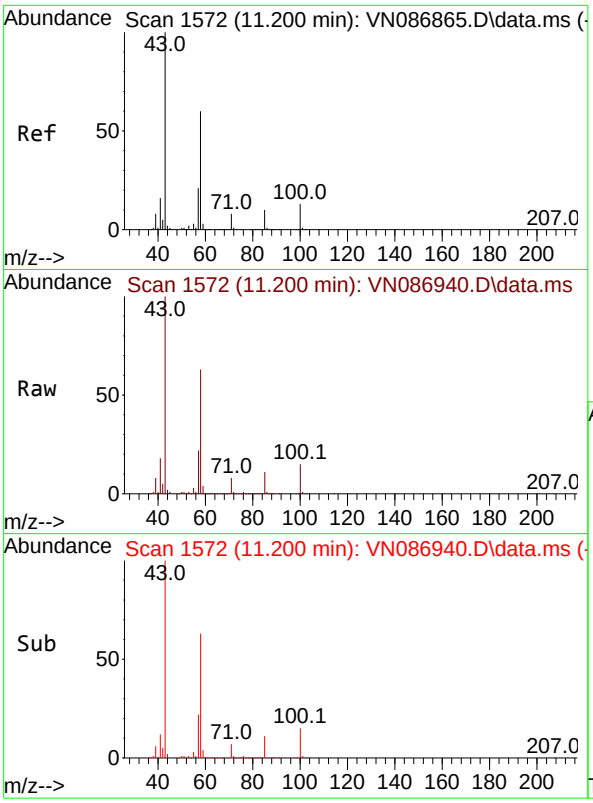


#58
2-Chloroethyl Vinyl ether
Concen: 288.579 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 63 Resp: 665780

Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.0	34.6



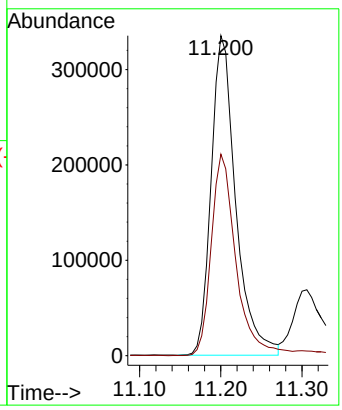


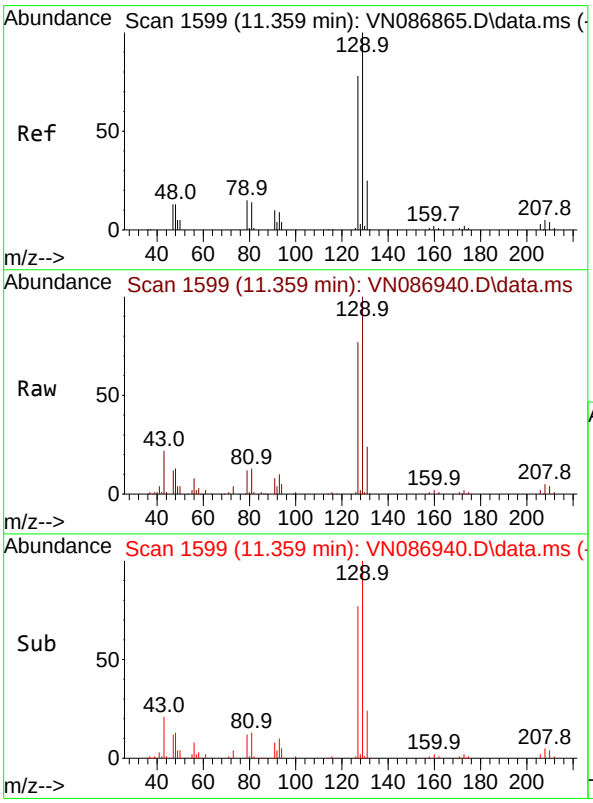
#59
2-Hexanone
Concen: 282.011 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 705660

Ion	Ratio	Lower	Upper
43	100		
58	63.5	30.4	91.3

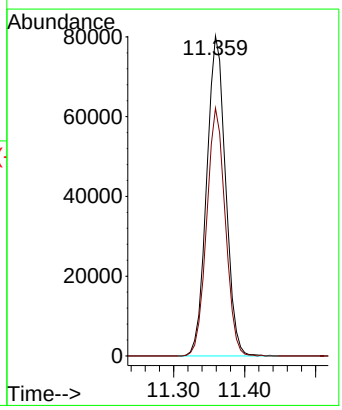


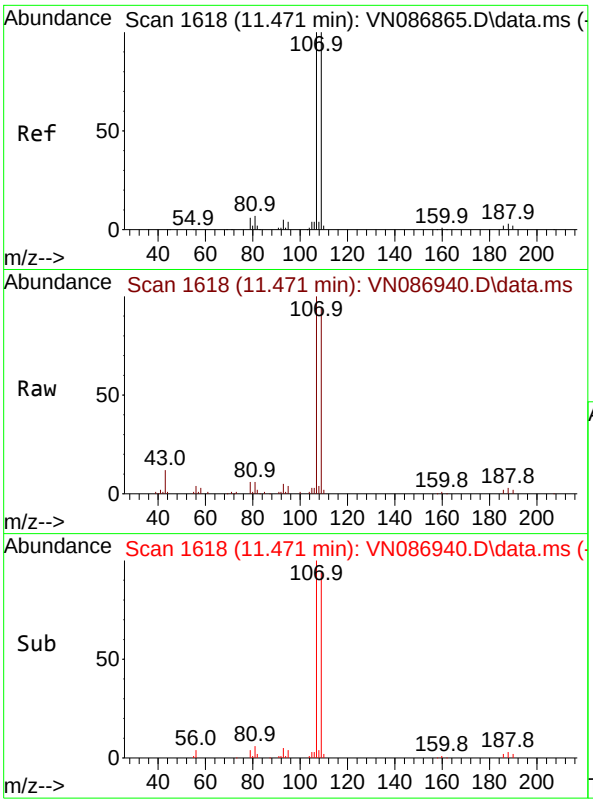


#60
Dibromochloromethane
Concen: 58.520 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:129 Resp: 148069

Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.6	115.8



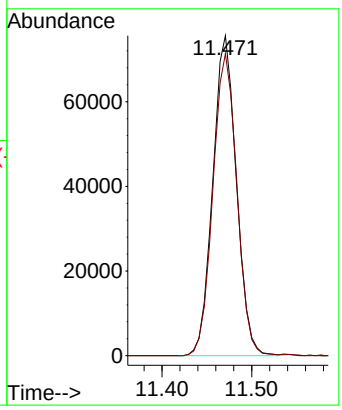


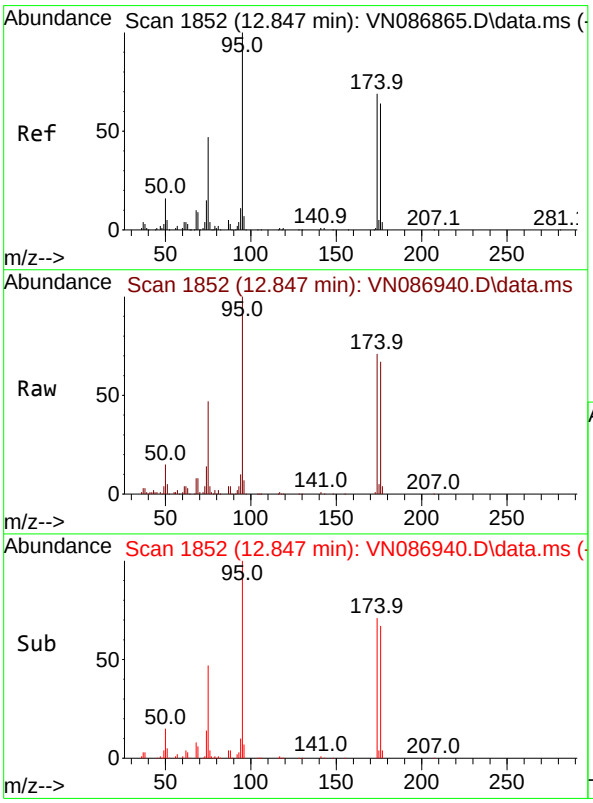
#61
1,2-Dibromoethane
Concen: 55.351 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 137779

Ion	Ratio	Lower	Upper
107	100		
109	96.1	76.3	114.5

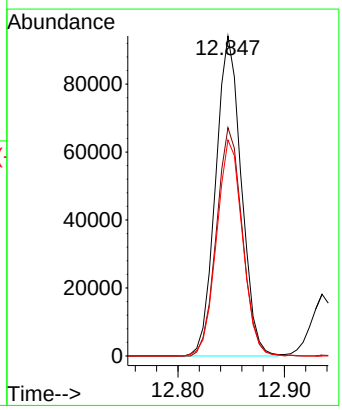


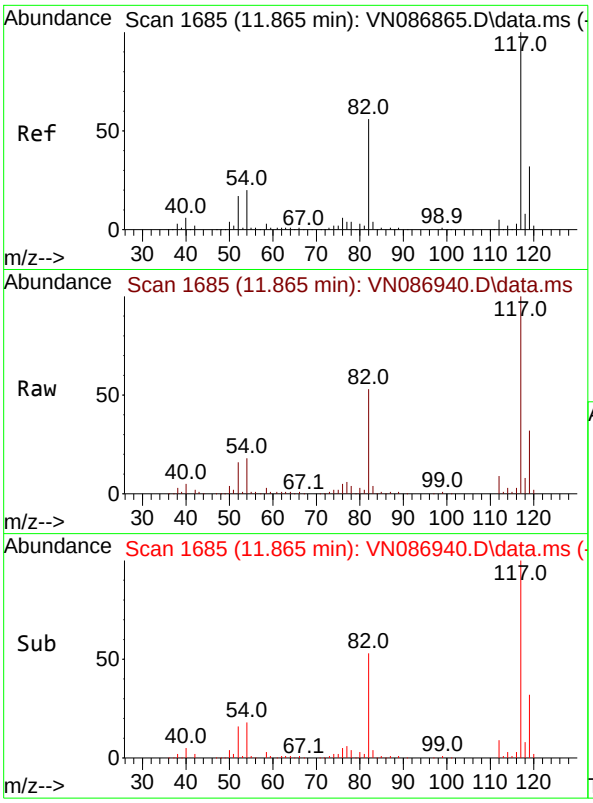


#62
4-Bromofluorobenzene
Concen: 50.489 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 95 Resp: 157388

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	141.8
176	68.2	0.0	132.6



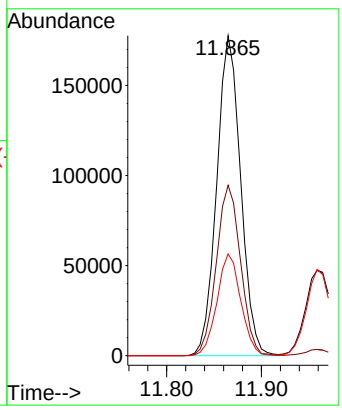


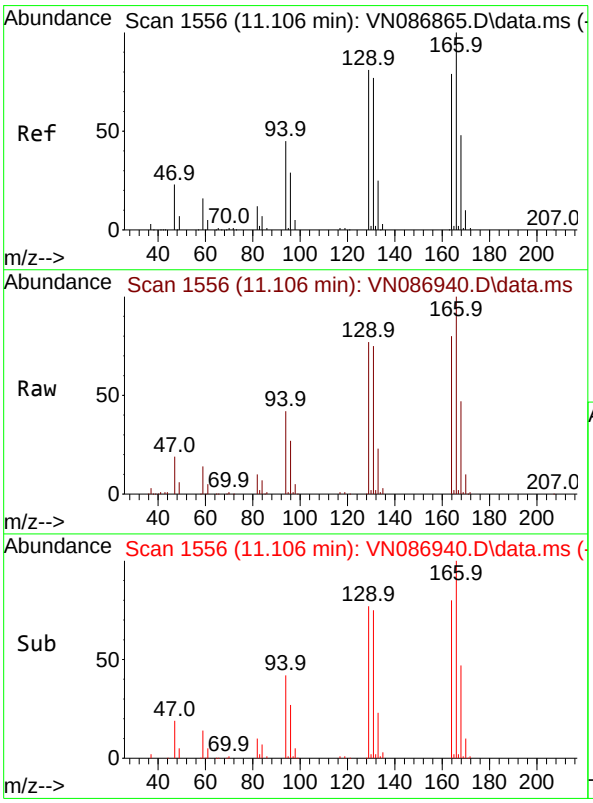
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 312173

Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.6	67.0
119	31.8	25.5	38.3

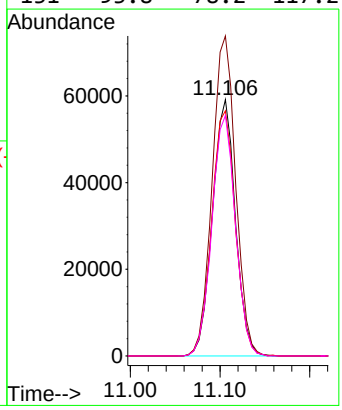


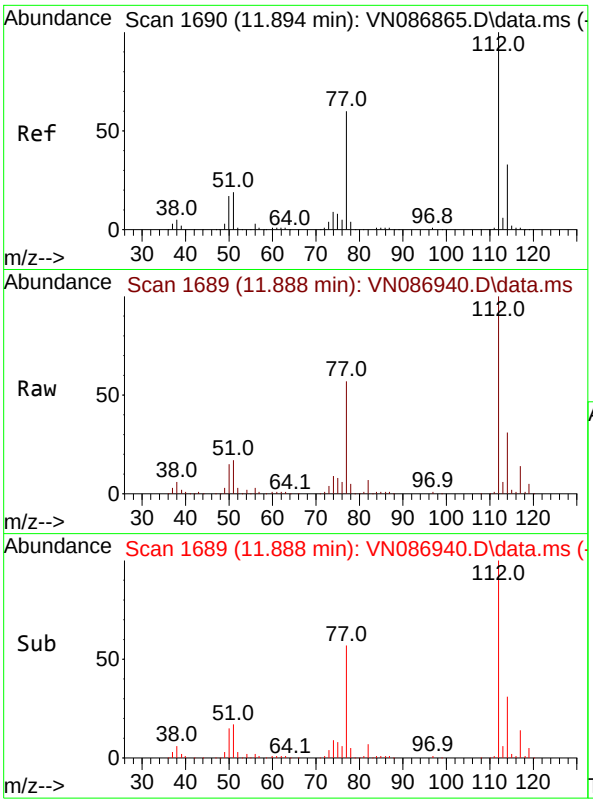


#64
Tetrachloroethene
Concen: 53.190 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:164 Resp: 105084

Ion	Ratio	Lower	Upper
164	100		
166	124.8	101.8	152.8
129	95.6	83.0	124.4
131	93.8	78.2	117.2



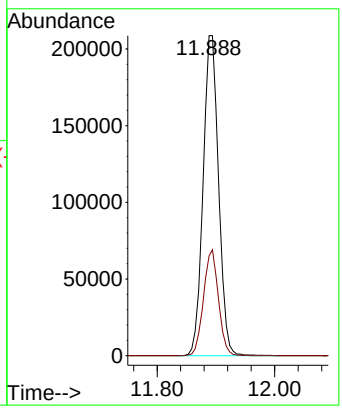


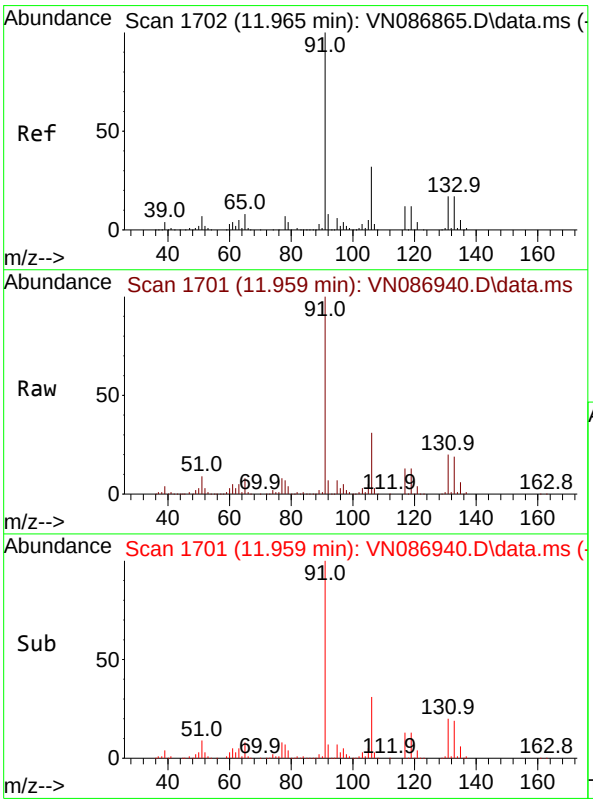
#65
Chlorobenzene
Concen: 55.424 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 381598

Ion	Ratio	Lower	Upper
112	100		
114	31.1	26.2	39.2

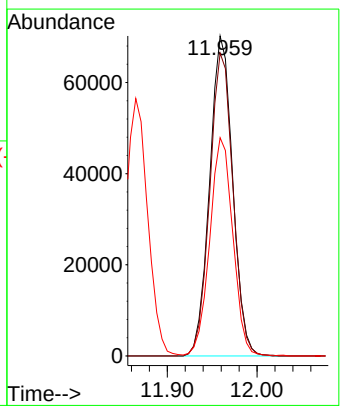


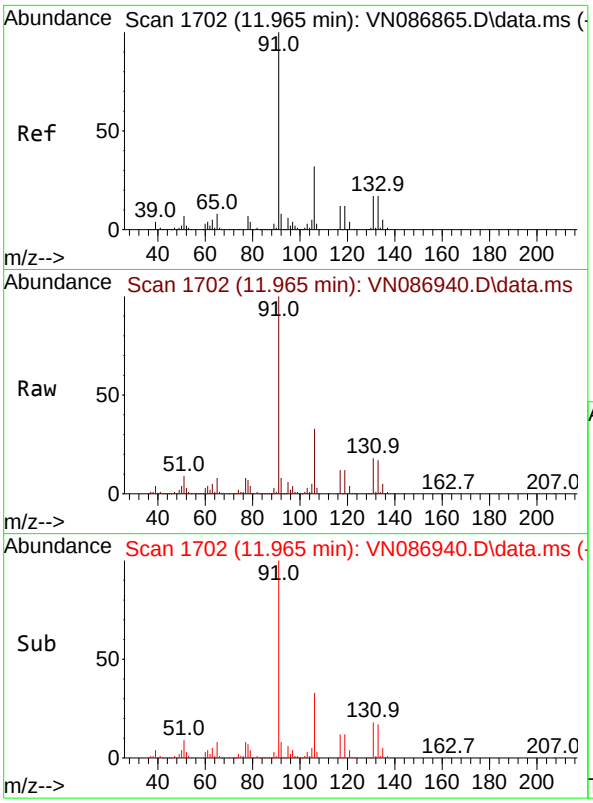


#66
1,1,1,2-Tetrachloroethane
Concen: 56.463 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:131 Resp: 124964

Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.3	144.8
119	68.5	34.0	101.8



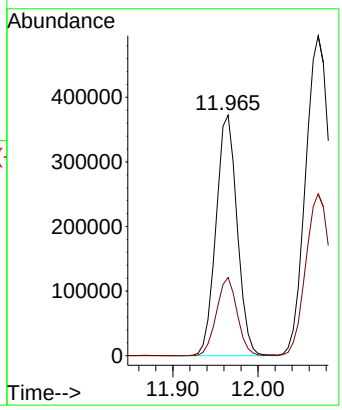


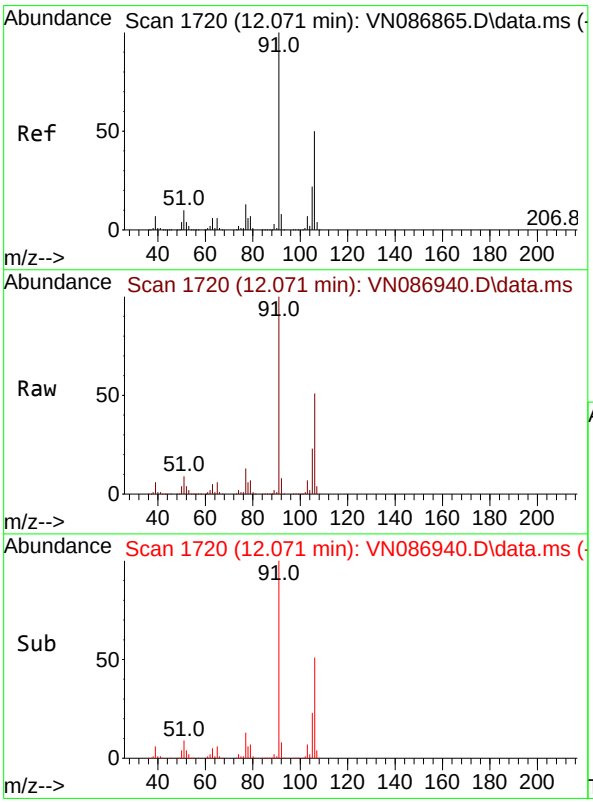
#67
Ethyl Benzene
Concen: 54.206 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 642857

Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.4	38.2

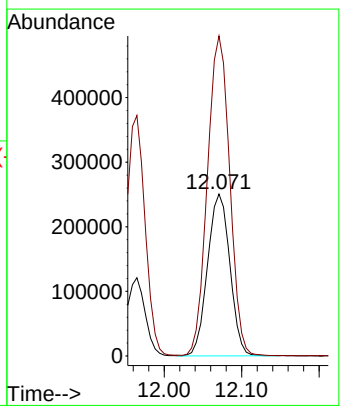


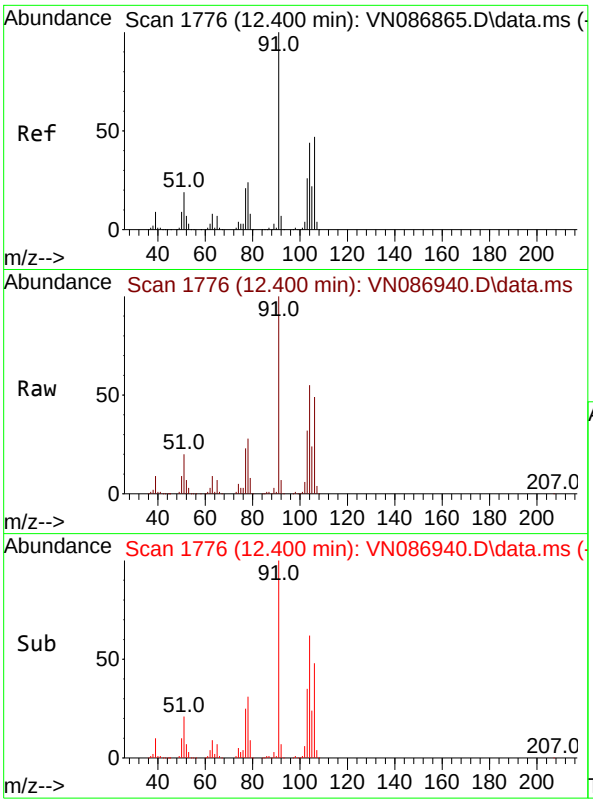


#68
m/p-Xylenes
Concen: 110.334 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:106 Resp: 500895

Ion	Ratio	Lower	Upper
106	100		
91	198.0	159.4	239.0



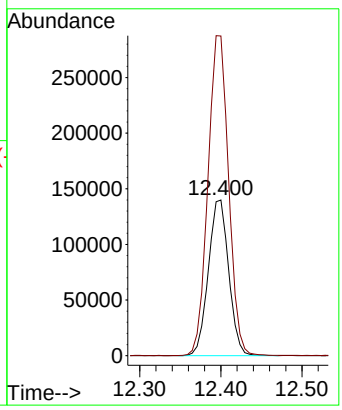


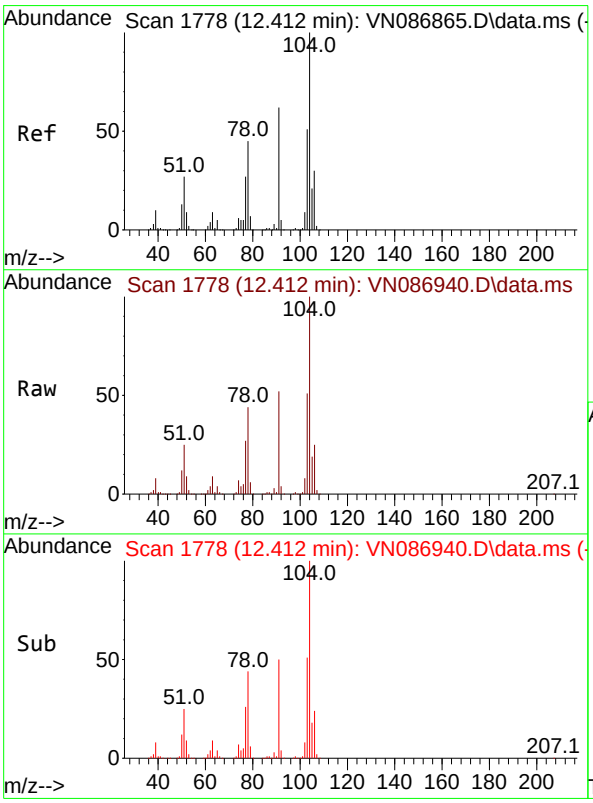
#69
o-Xylene
Concen: 56.127 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 244038

Ion	Ratio	Lower	Upper
106	100		
91	208.5	106.1	318.1

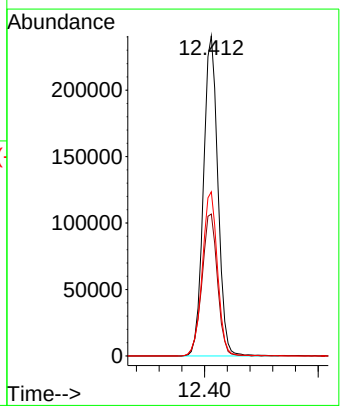


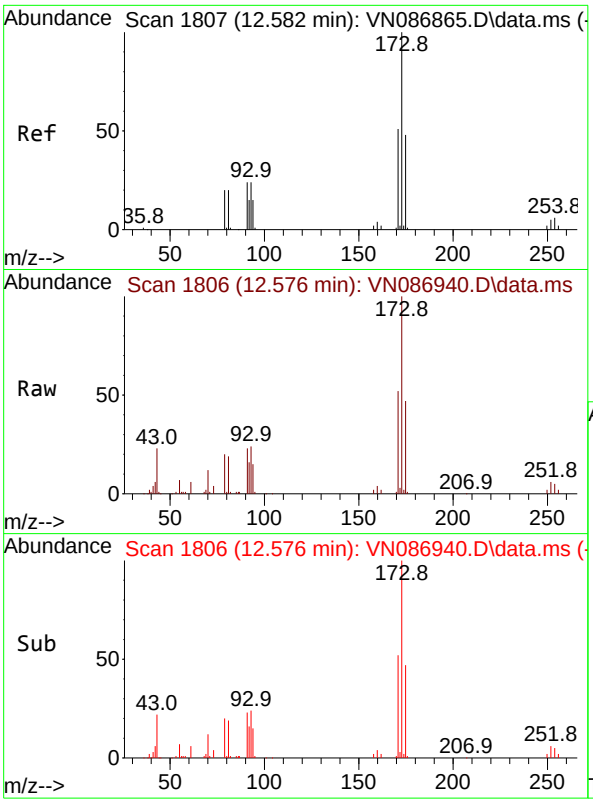


#70
Styrene
Concen: 56.996 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:104 Resp: 424060

Ion	Ratio	Lower	Upper
104	100		
78	47.4	38.5	57.7
103	53.9	43.1	64.7



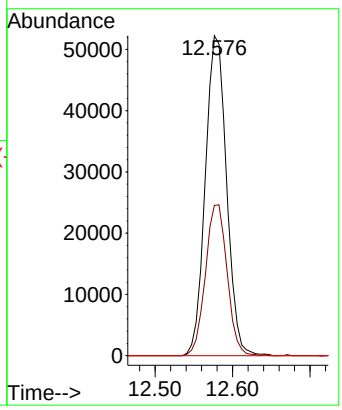


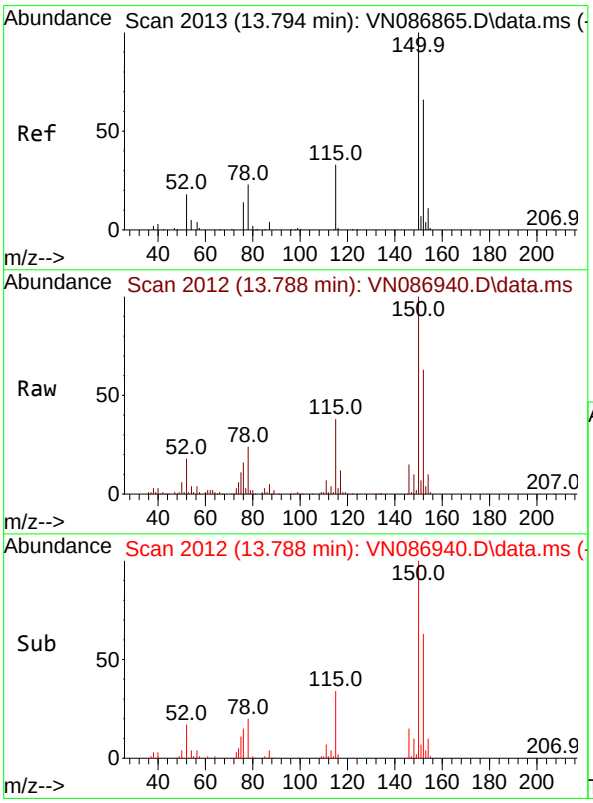
#71
Bromoform
Concen: 60.747 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 99616

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.4
254	0.0	0.0	0.0

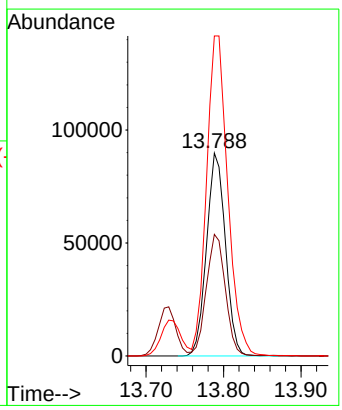


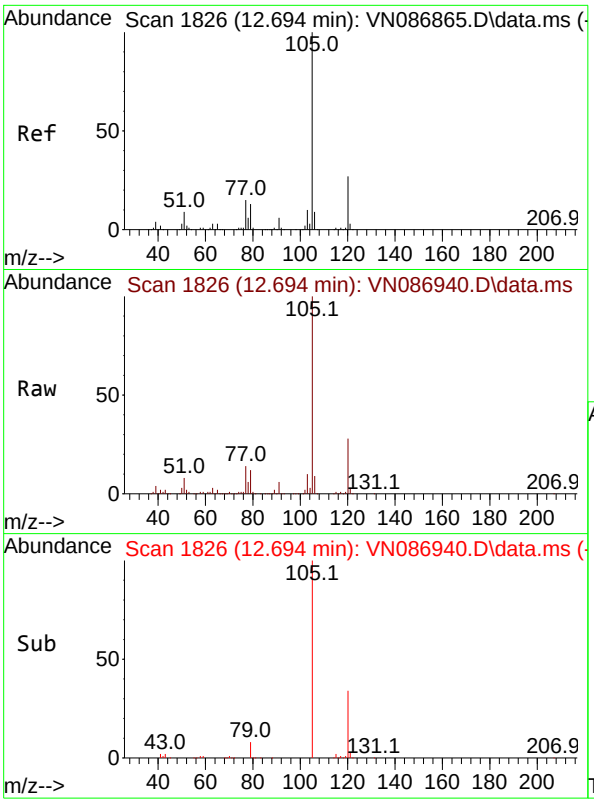


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:152 Resp: 152136

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.5
150	176.5	0.0	345.0



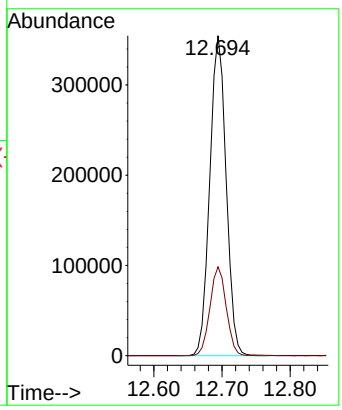


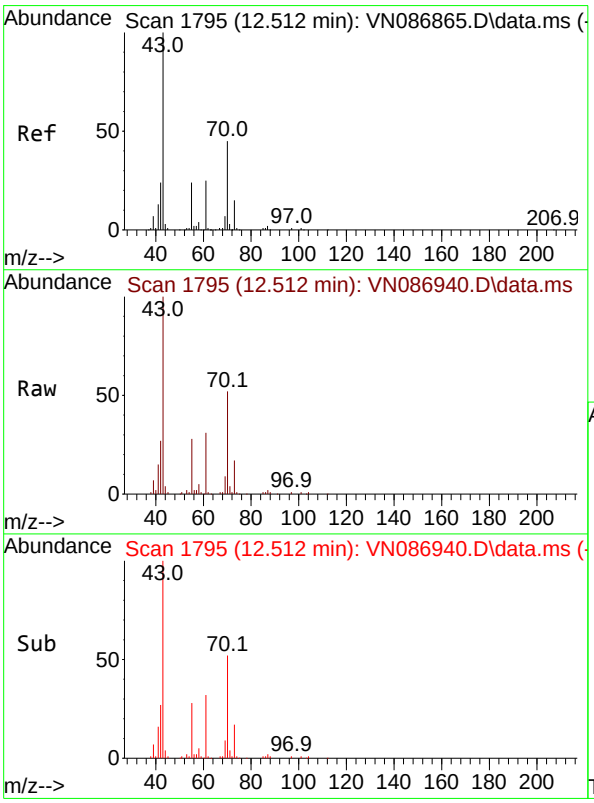
#73
Isopropylbenzene
Concen: 53.511 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 593080

Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.5	40.4

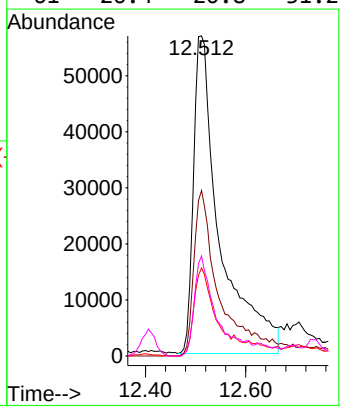


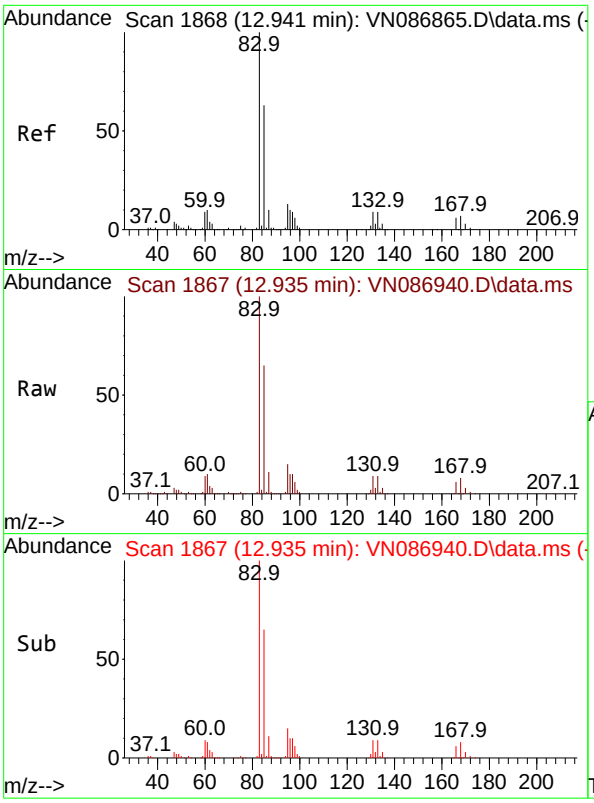


#74
N-amyl acetate
Concen: 53.765 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 43 Resp: 208229

Ion	Ratio	Lower	Upper
43	100		
70	52.6	37.6	56.4
55	26.6	19.0	28.6
61	26.4	20.8	31.2



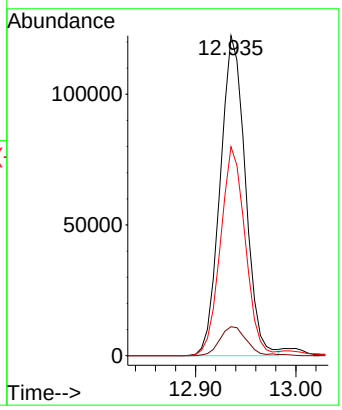


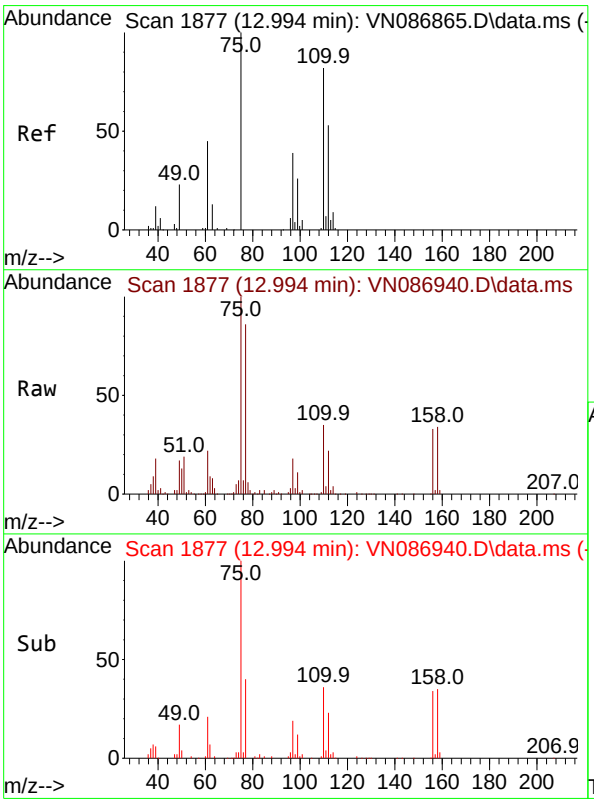
#75
1,1,2,2-Tetrachloroethane
Concen: 56.816 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 213329

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.5	32.0	96.0

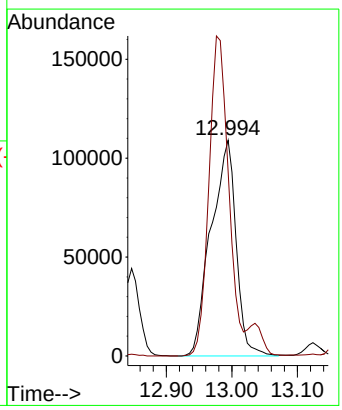


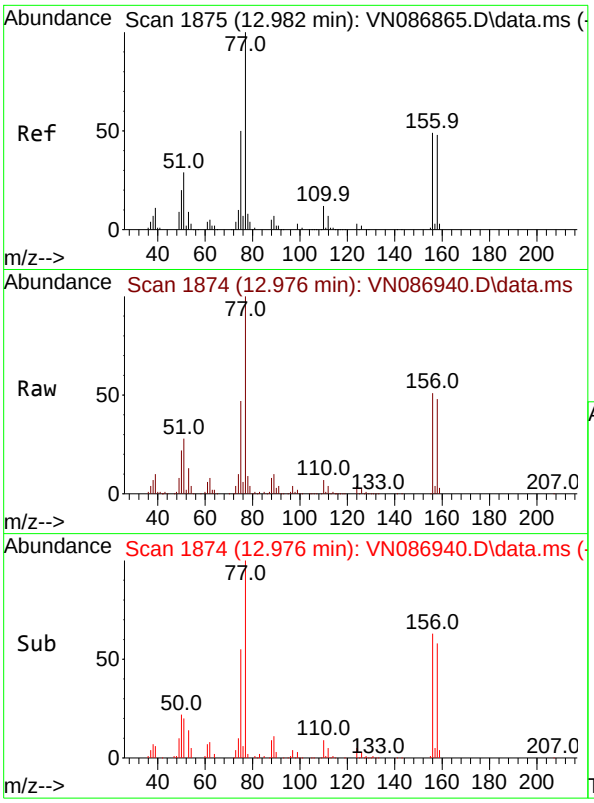


#76
1,2,3-Trichloropropane
Concen: 79.852 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 288770

Ion	Ratio	Lower	Upper
75	100		
77	116.7	79.3	237.9



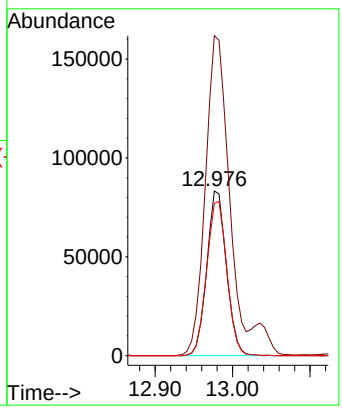


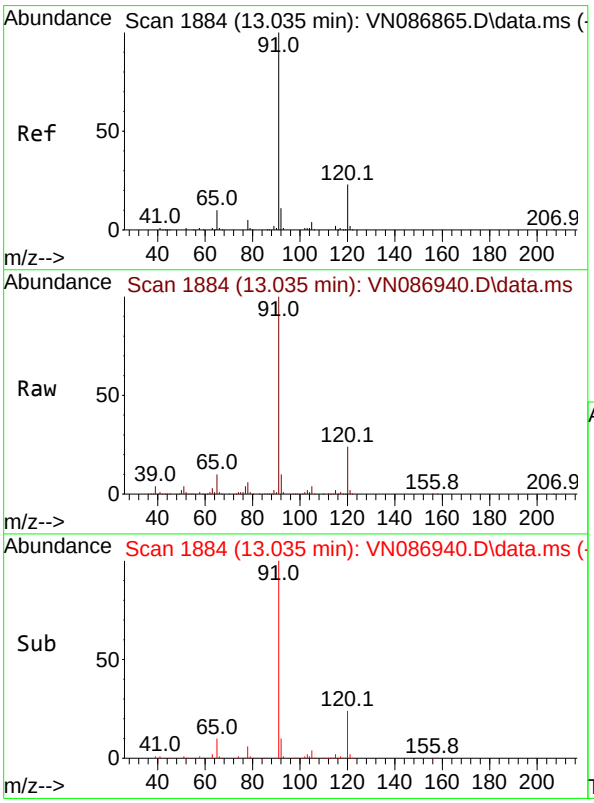
#77
Bromobenzene
Concen: 57.512 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 146181

Ion	Ratio	Lower	Upper
156	100		
77	230.6	117.7	353.1
158	97.1	48.1	144.4

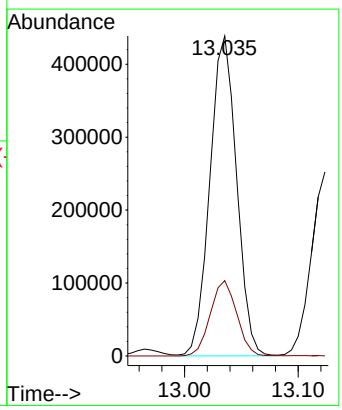


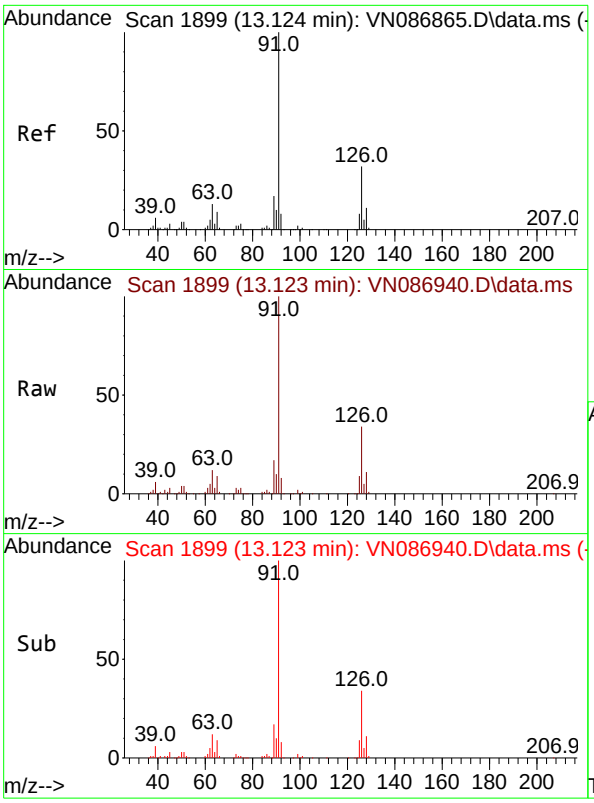


#78
n-propylbenzene
Concen: 53.234 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 91 Resp: 717012

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.4	34.2



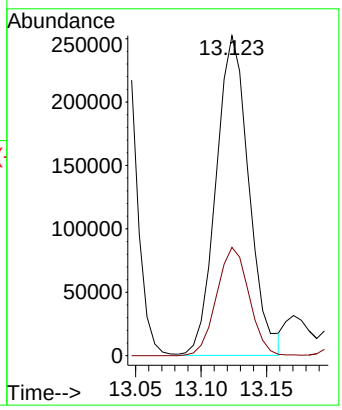


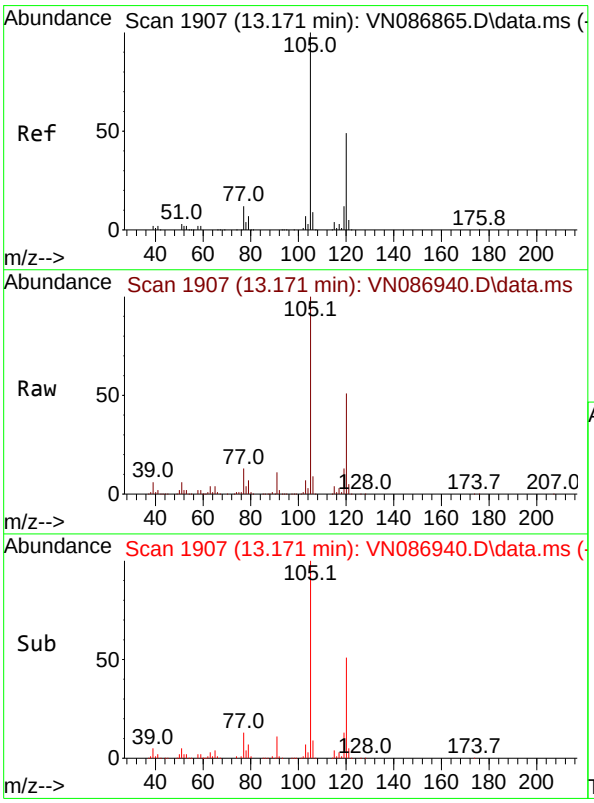
#79
2-Chlorotoluene
Concen: 54.413 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 439522

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.2	48.5

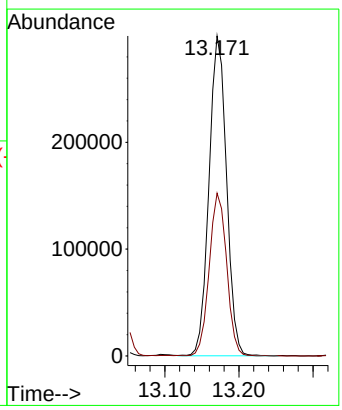


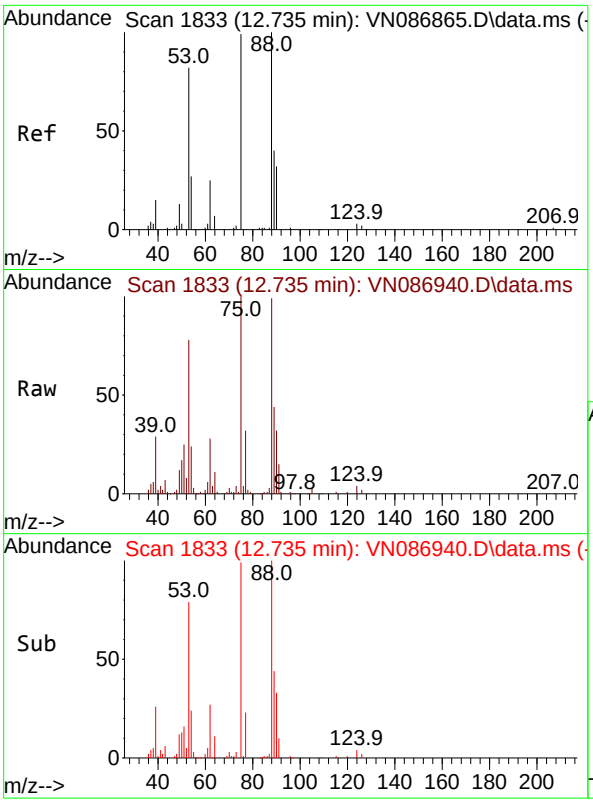


#80
1,3,5-Trimethylbenzene
Concen: 53.628 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:105 Resp: 490727

Ion	Ratio	Lower	Upper
105	100		
120	50.8	24.9	74.6



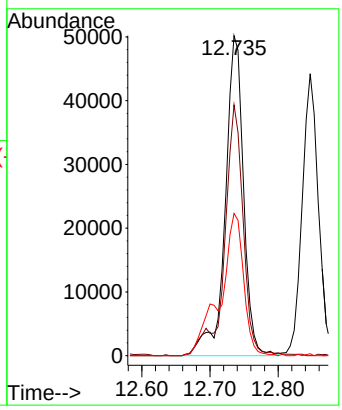


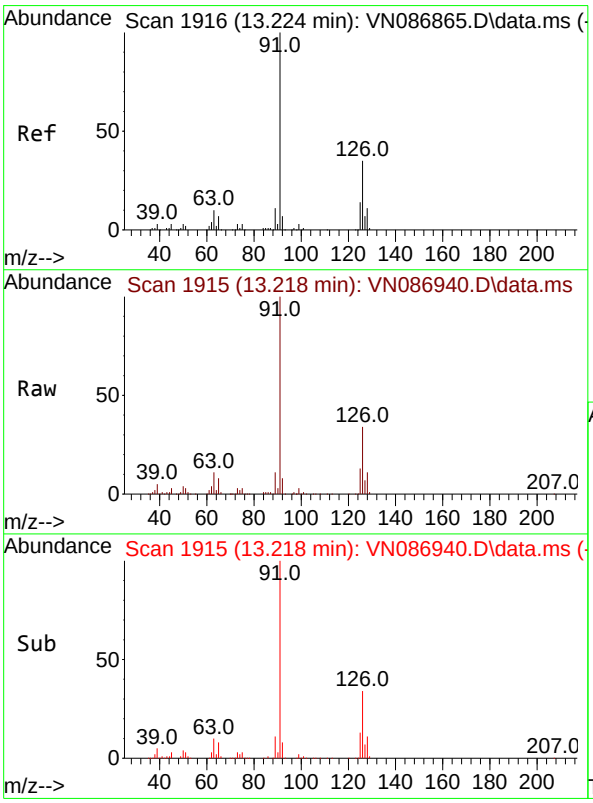
#81
trans-1,4-Dichloro-2-butene
Concen: 59.701 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 93790

Ion	Ratio	Lower	Upper
75	100		
53	74.1	66.6	99.8
89	57.1	36.7	55.1#

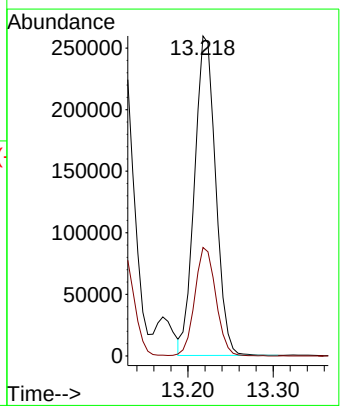


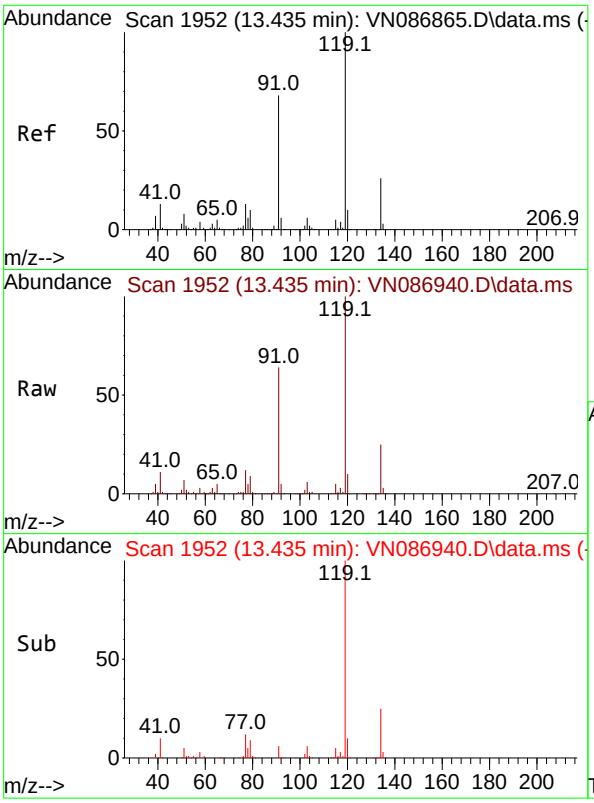


#82
4-Chlorotoluene
Concen: 54.598 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 91 Resp: 446237

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.7	50.1



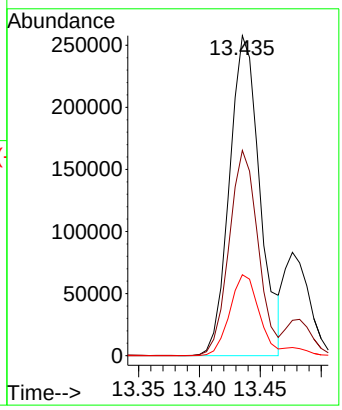


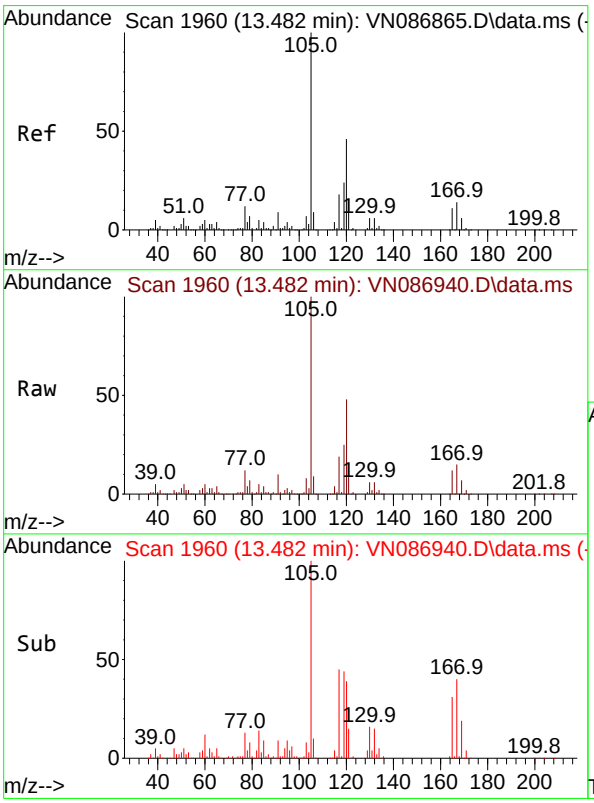
#83
tert-Butylbenzene
Concen: 53.498 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 448106

Ion	Ratio	Lower	Upper
119	100		
91	61.2	32.1	96.5
134	26.3	13.4	40.1

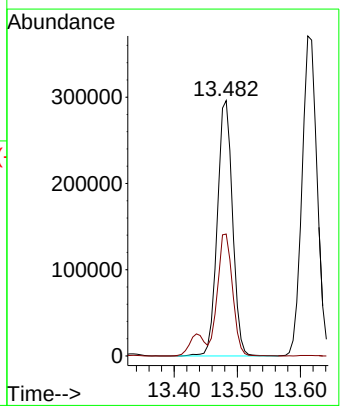


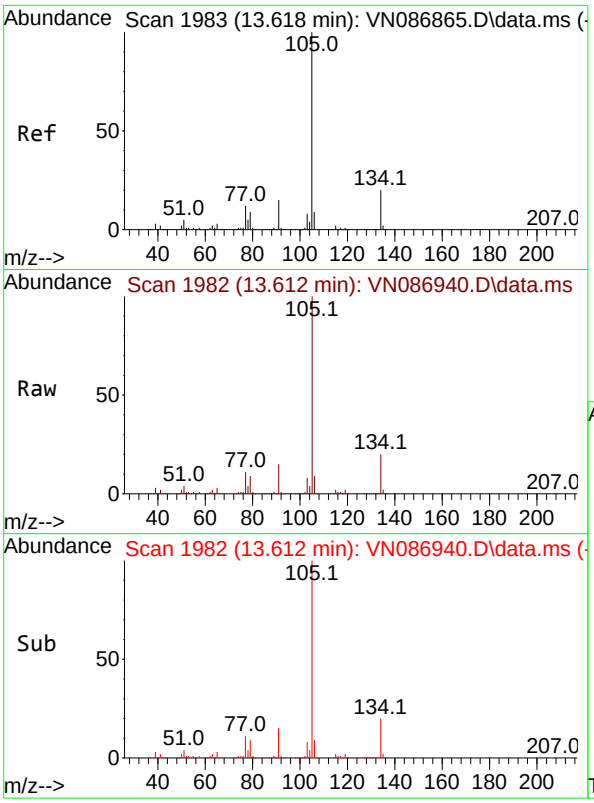


#84
1,2,4-Trimethylbenzene
Concen: 54.048 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:105 Resp: 495936

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.2	69.6



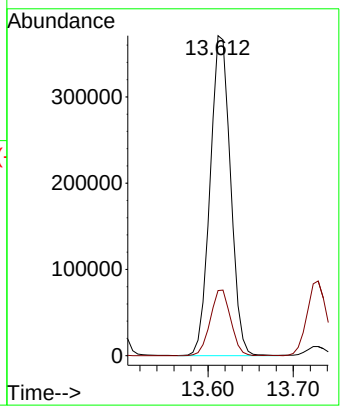


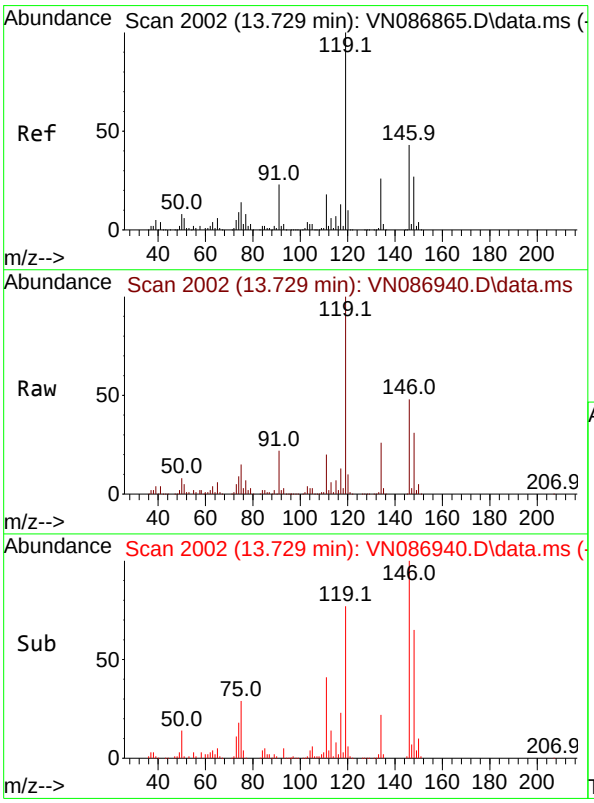
#85
sec-Butylbenzene
Concen: 50.788 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 617792

Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.0	30.0

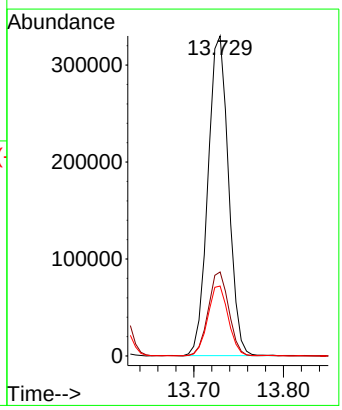


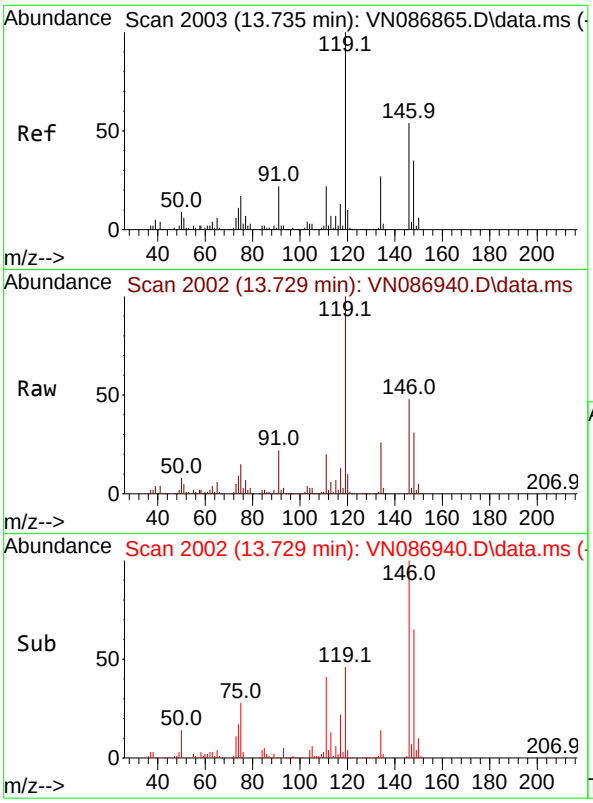


#86
p-Isopropyltoluene
Concen: 52.156 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:119 Resp: 524440

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.4
91	21.8	11.5	34.4



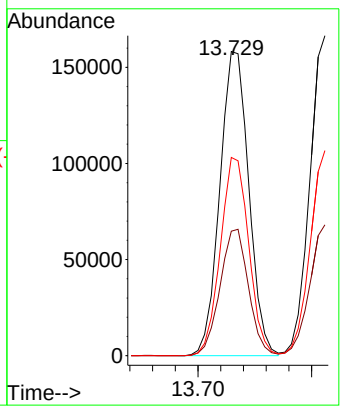


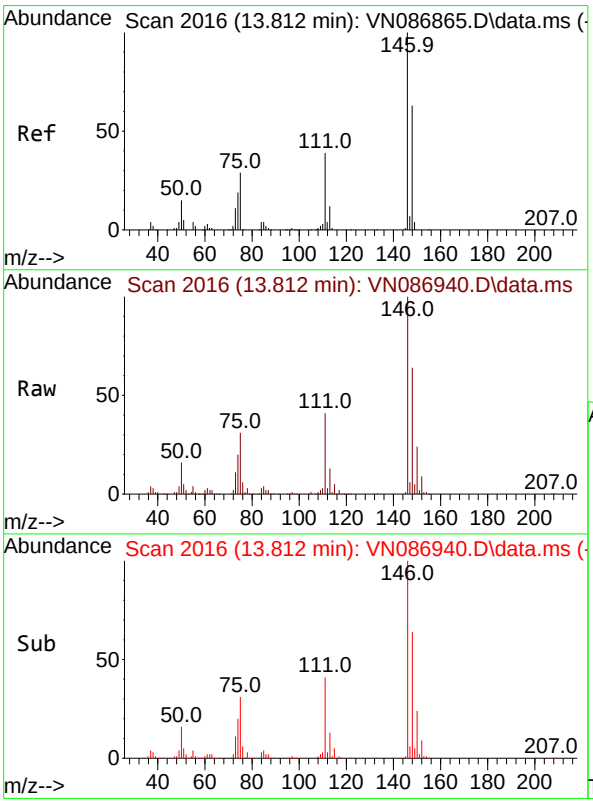
#87
1,3-Dichlorobenzene
Concen: 56.062 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 280357

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.8
148	63.8	32.0	96.2

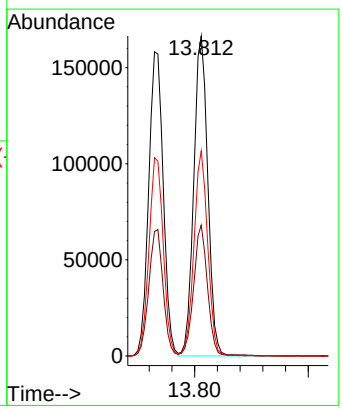


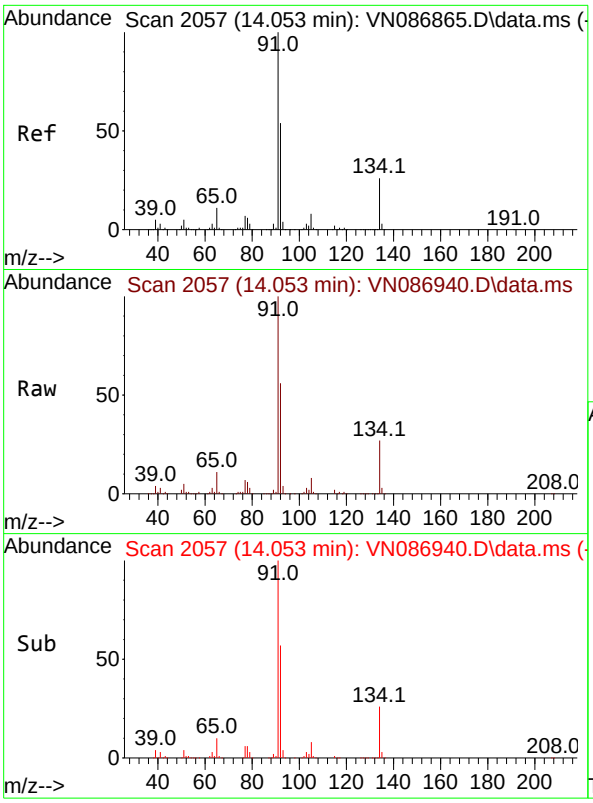


#88
1,4-Dichlorobenzene
Concen: 56.315 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:146 Resp: 287122

Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	62.7	31.8	95.4



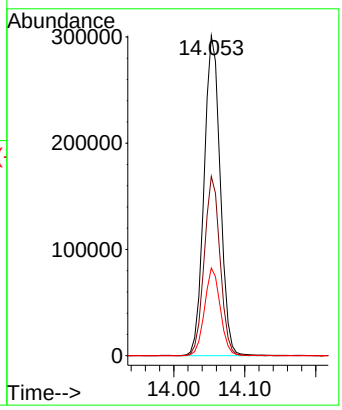


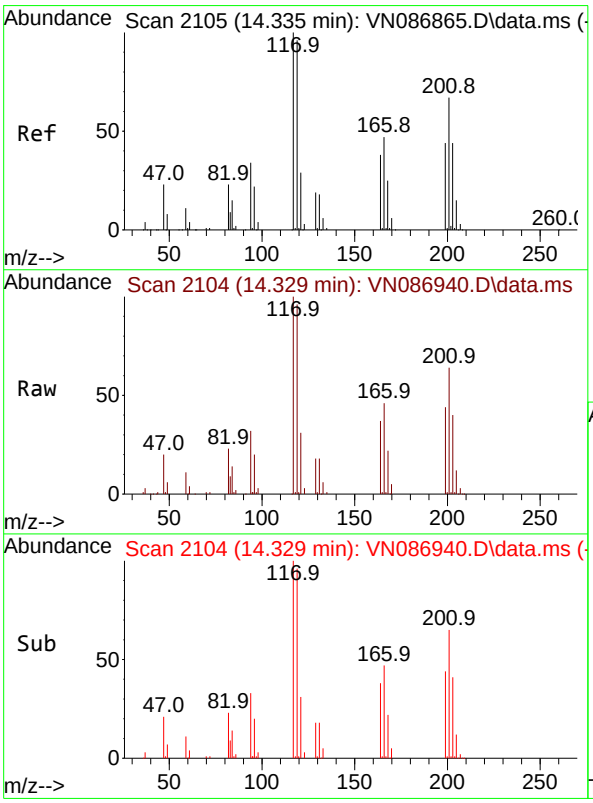
#89
n-Butylbenzene
Concen: 49.007 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 477306

Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	26.6	13.0	39.0

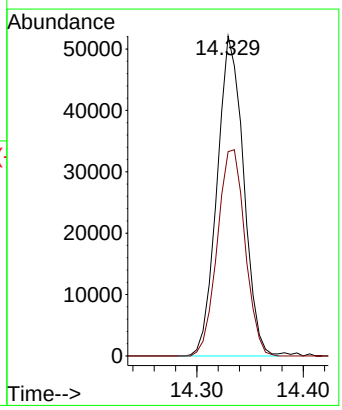


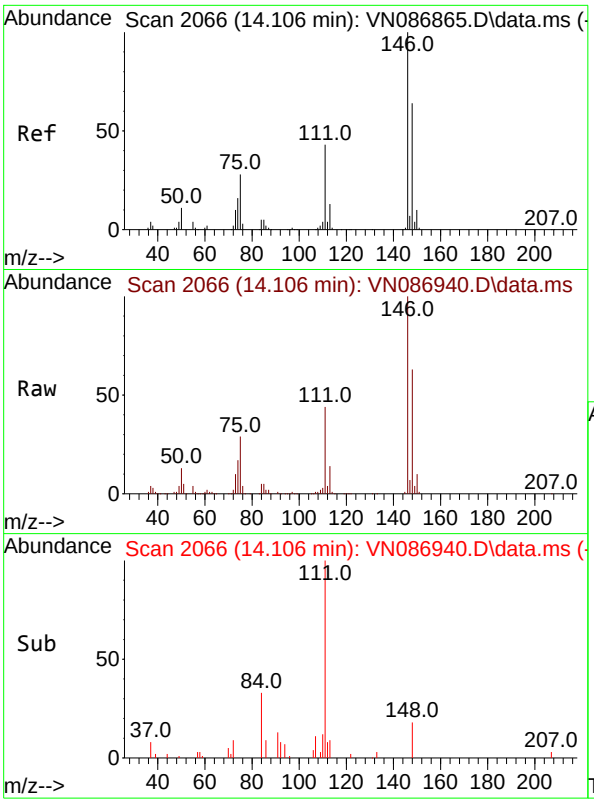


#90
Hexachloroethane
Concen: 52.738 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:117 Resp: 89886

Ion	Ratio	Lower	Upper
117	100		
201	67.6	33.2	99.6



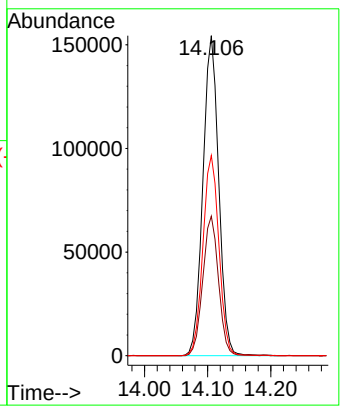


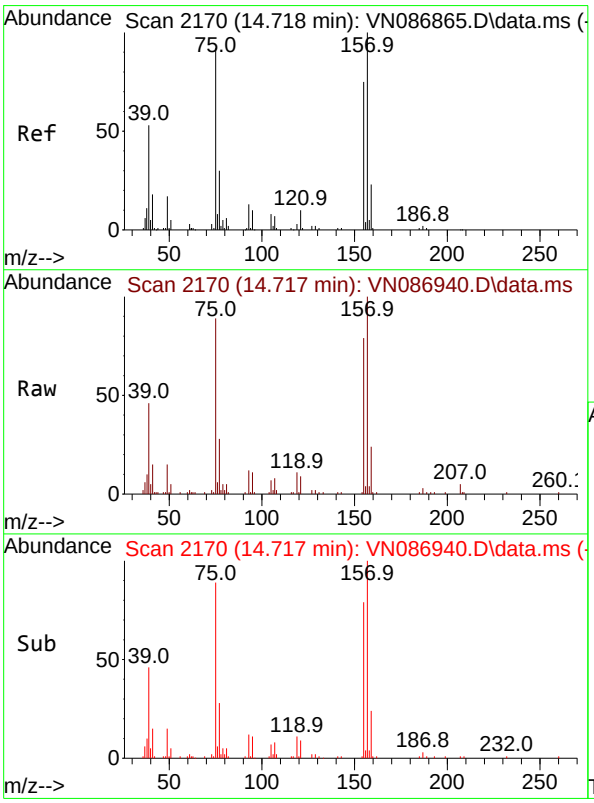
#91
1,2-Dichlorobenzene
Concen: 55.766 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 267932

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.6
148	63.3	31.7	95.1

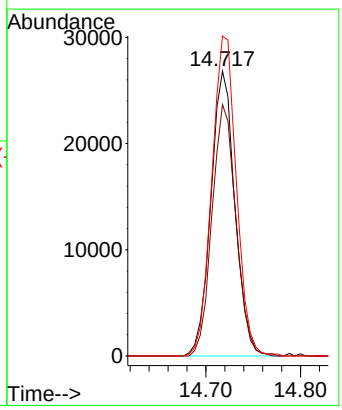


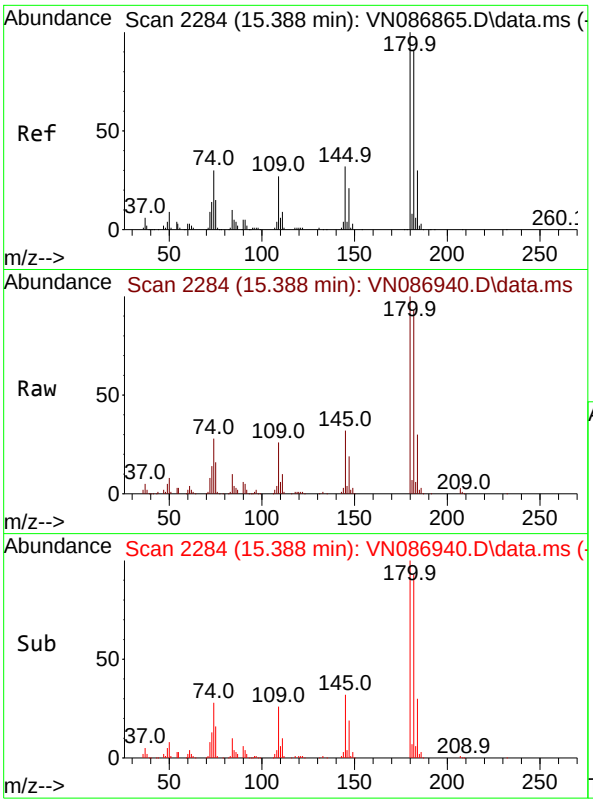


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.704 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion: 75 Resp: 47326

Ion	Ratio	Lower	Upper
75	100		
155	87.3	41.1	123.4
157	114.9	52.7	158.1



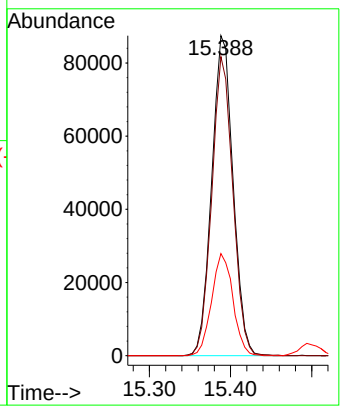


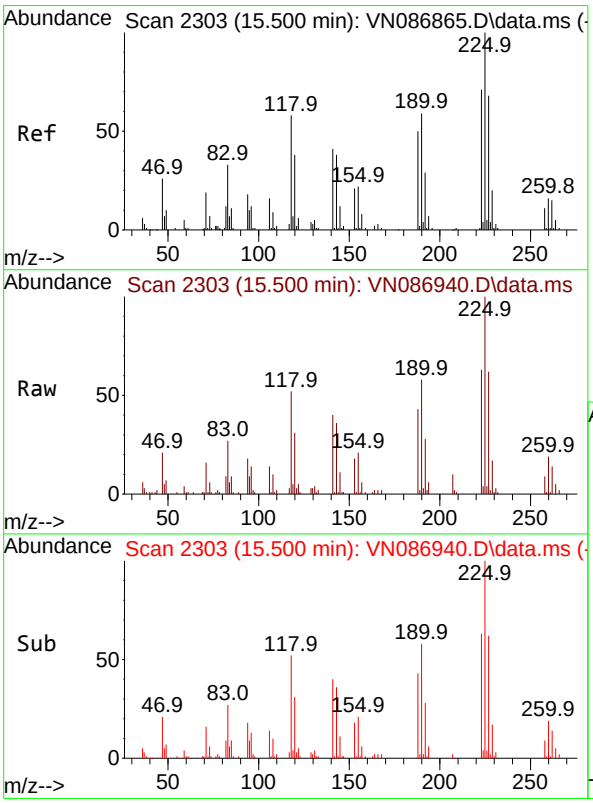
#93
1,2,4-Trichlorobenzene
Concen: 52.161 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 160030

Ion	Ratio	Lower	Upper
180	100		
182	92.1	46.9	140.7
145	31.7	16.0	47.9

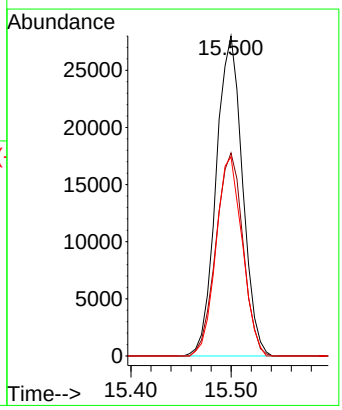


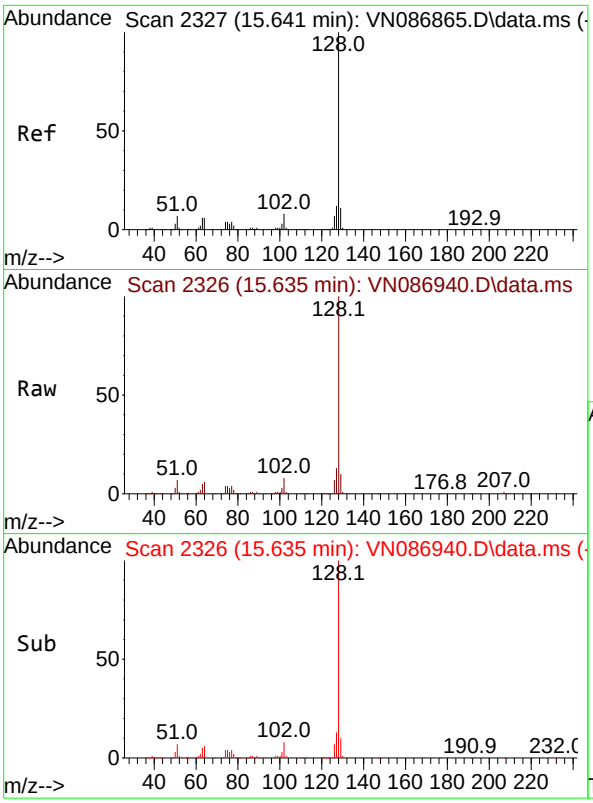


#94
Hexachlorobutadiene
Concen: 44.682 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:225 Resp: 51073

Ion	Ratio	Lower	Upper
225	100		
223	65.0	33.5	100.4
227	62.2	31.1	93.5



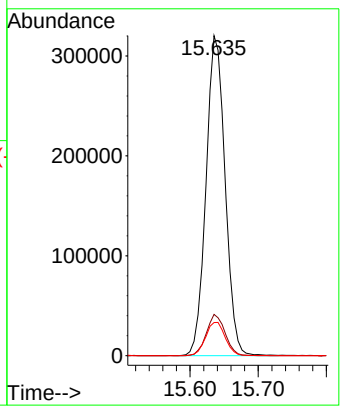


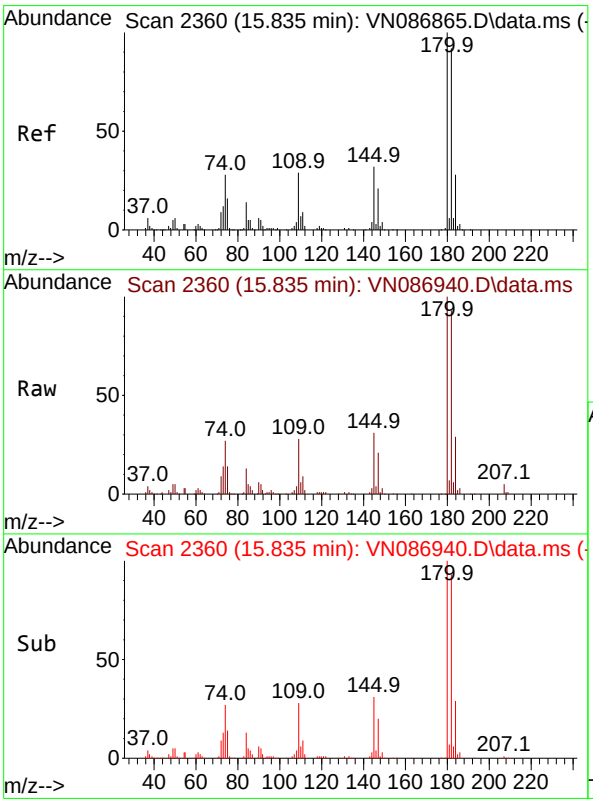
#95
Naphthalene
Concen: 54.679 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 624421

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2

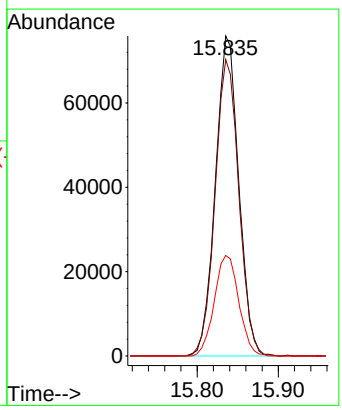




#96
1,2,3-Trichlorobenzene
Concen: 49.672 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086940.D
Acq: 11 Jun 2025 11:32

Tgt Ion:180 Resp: 151411

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.0	141.0
145	33.0	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	206799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	370524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	130342	47.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.160%			
35) Dibromofluoromethane	8.177	113	112198	51.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	10.571	98	423380	48.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.420%			
62) 4-Bromofluorobenzene	12.847	95	161321	49.951	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	40672	19.725	ug/l	100
3) Chloromethane	2.401	50	42812	16.079	ug/l	97
4) Vinyl Chloride	2.553	62	51780	18.852	ug/l	95
5) Bromomethane	3.000	94	25577	16.641	ug/l	90
6) Chloroethane	3.153	64	34500	19.446	ug/l	99
7) Trichlorofluoromethane	3.530	101	68752	19.159	ug/l	99
8) Diethyl Ether	3.983	74	30914	19.772	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.400	101	44117	19.568	ug/l	99
10) Methyl Iodide	4.612	142	36924	12.634	ug/l	100
11) Tert butyl alcohol	5.541	59	69743	92.831	ug/l	99
12) 1,1-Dichloroethene	4.365	96	44269	19.233	ug/l	97
13) Acrolein	4.206	56	22290	93.730	ug/l	98
14) Allyl chloride	5.047	41	68027	17.821	ug/l	97
15) Acrylonitrile	5.741	53	166971	95.084	ug/l	100
16) Acetone	4.447	43	145322	98.972	ug/l	98
17) Carbon Disulfide	4.742	76	113132	17.769	ug/l	100
18) Methyl Acetate	5.047	43	81357	19.013	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	163338	19.599	ug/l	98
20) Methylene Chloride	5.294	84	52196	18.988	ug/l	96
21) trans-1,2-Dichloroethene	5.812	96	47284	18.464	ug/l	95
22) Diisopropyl ether	6.688	45	155508	19.326	ug/l	97
23) Vinyl Acetate	6.618	43	653278	96.092	ug/l	98
24) 1,1-Dichloroethane	6.588	63	89930	19.421	ug/l	100
25) 2-Butanone	7.494	43	215760	90.401	ug/l	96
26) 2,2-Dichloropropane	7.500	77	78031	21.663	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	59578	19.453	ug/l	99
28) Bromochloromethane	7.824	49	45329	19.909	ug/l	95
29) Tetrahydrofuran	7.853	42	143866	92.532	ug/l	97
30) Chloroform	7.977	83	90272	19.521	ug/l	98
31) Cyclohexane	8.265	56	79050	17.603	ug/l	97
32) 1,1,1-Trichloroethane	8.182	97	74861	19.033	ug/l	97
36) 1,1-Dichloropropene	8.377	75	63577	19.431	ug/l	99
37) Ethyl Acetate	7.571	43	80415	19.306	ug/l	99
38) Carbon Tetrachloride	8.371	117	61747	19.222	ug/l	97
39) Methylcyclohexane	9.606	83	75971	16.947	ug/l	98
40) Benzene	8.612	78	206255	19.277	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.788	41	42617	18.218 ug/l	93
42) 1,2-Dichloroethane	8.677	62	63379	19.530 ug/l	98
43) Isopropyl Acetate	8.694	43	126914	18.984 ug/l	98
44) Trichloroethene	9.359	130	50593	19.942 ug/l	99
45) 1,2-Dichloropropane	9.624	63	51091	19.628 ug/l	95
46) Dibromomethane	9.712	93	34741	20.093 ug/l	99
47) Bromodichloromethane	9.894	83	69845	19.634 ug/l	98
48) Methyl methacrylate	9.682	41	57757	18.771 ug/l	99
49) 1,4-Dioxane	9.706	88	22914	409.347 ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	394396	97.997 ug/l	99
52) Toluene	10.629	92	127563	19.509 ug/l	99
53) t-1,3-Dichloropropene	10.835	75	79224	19.917 ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	85586	20.109 ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	51421	20.438 ug/l	94
56) Ethyl methacrylate	10.882	69	80942	20.198 ug/l	94
57) 1,3-Dichloropropane	11.165	76	85602	19.613 ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	243584	101.910 ug/l	99
59) 2-Hexanone	11.206	43	231264	89.210 ug/l	95
60) Dibromochloromethane	11.359	129	53655	20.468 ug/l	99
61) 1,2-Dibromoethane	11.471	107	50832	19.711 ug/l	99
64) Tetrachloroethene	11.106	164	38926	19.150 ug/l	98
65) Chlorobenzene	11.894	112	141721	20.006 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	46404	20.378 ug/l	99
67) Ethyl Benzene	11.965	91	239733	19.647 ug/l	100
68) m/p-Xylenes	12.070	106	185026	39.613 ug/l	99
69) o-Xylene	12.400	106	90240	20.172 ug/l	99
70) Styrene	12.412	104	154149	20.137 ug/l	99
71) Bromoform	12.582	173	35350	20.952 ug/l #	96
73) Isopropylbenzene	12.694	105	221545	19.320 ug/l	99
74) N-amyl acetate	12.529	43	63289	15.794 ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	81476	20.973 ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	108842	29.090 ug/l	68
77) Bromobenzene	12.982	156	55176	20.981 ug/l	98
78) n-propylbenzene	13.035	91	267384	19.187 ug/l	100
79) 2-Chlorotoluene	13.123	91	164813	19.721 ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	181773	19.200 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	30121	18.532 ug/l #	82
82) 4-Chlorotoluene	13.217	91	167991	19.866 ug/l	100
83) tert-Butylbenzene	13.435	119	161593	18.646 ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	182431	19.216 ug/l	98
85) sec-Butylbenzene	13.617	105	228907	18.189 ug/l	100
86) p-Isopropyltoluene	13.729	119	192991	18.551 ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	104883	20.271 ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	107750	20.426 ug/l	99
89) n-Butylbenzene	14.053	91	177482	17.613 ug/l	100
90) Hexachloroethane	14.329	117	33456	18.972 ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	99394	19.995 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17796	19.155 ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	58509	18.433 ug/l	98
94) Hexachlorobutadiene	15.500	225	19592	16.567 ug/l	97
95) Naphthalene	15.635	128	232760	19.700 ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	56144	17.802 ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

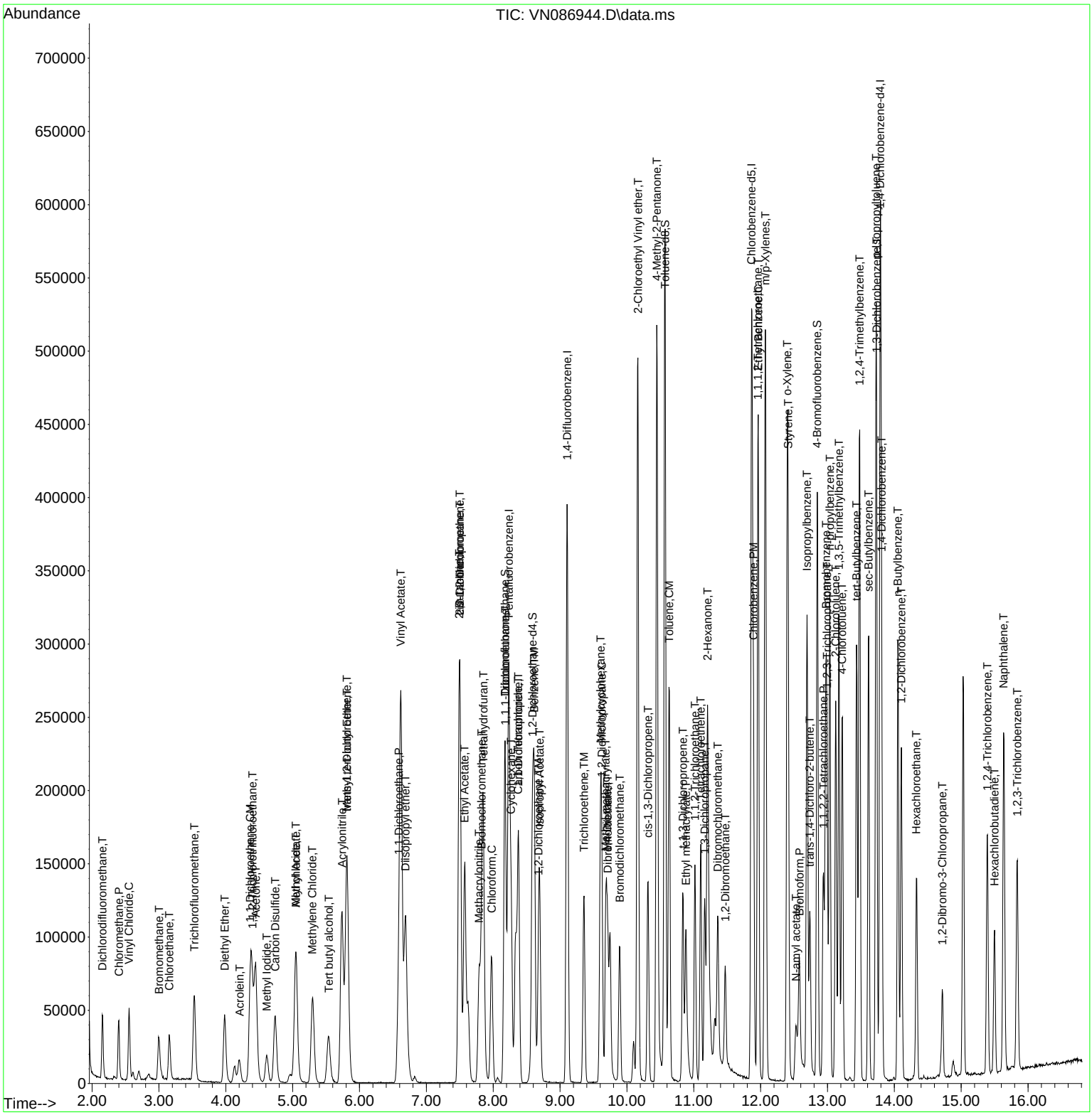
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

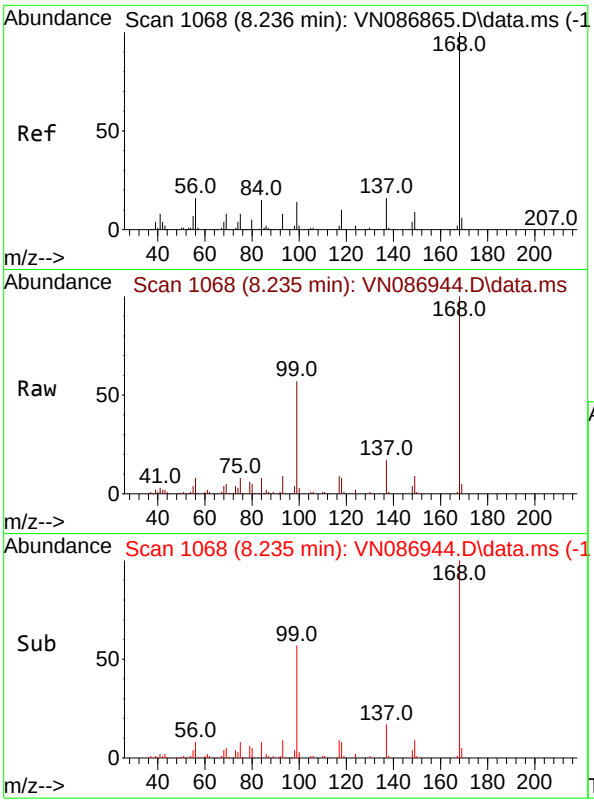
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



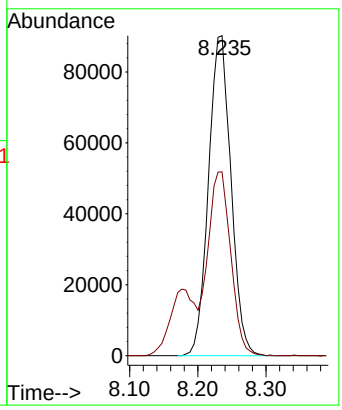


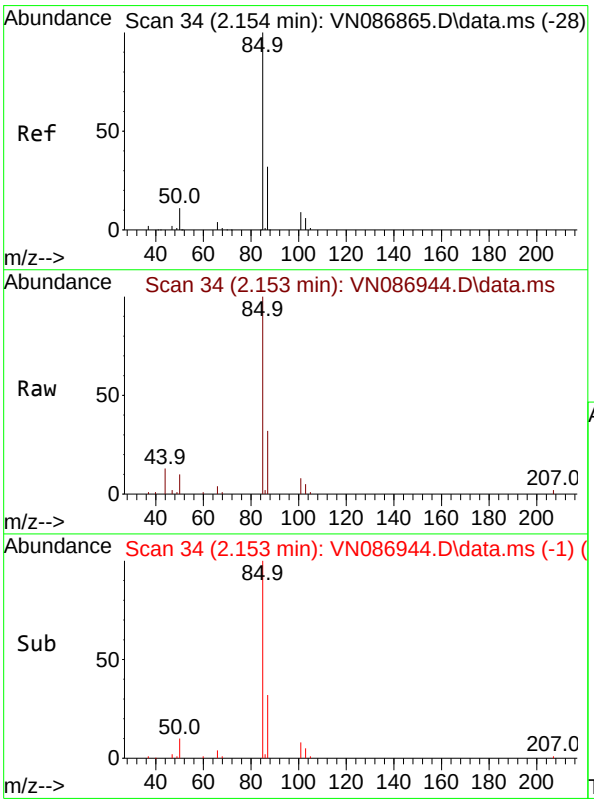
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:168 Resp: 206799

Ion	Ratio	Lower	Upper
168	100		
99	57.5	49.1	73.7

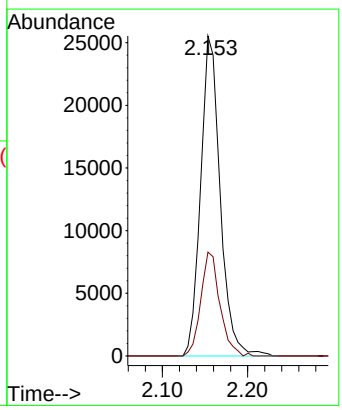


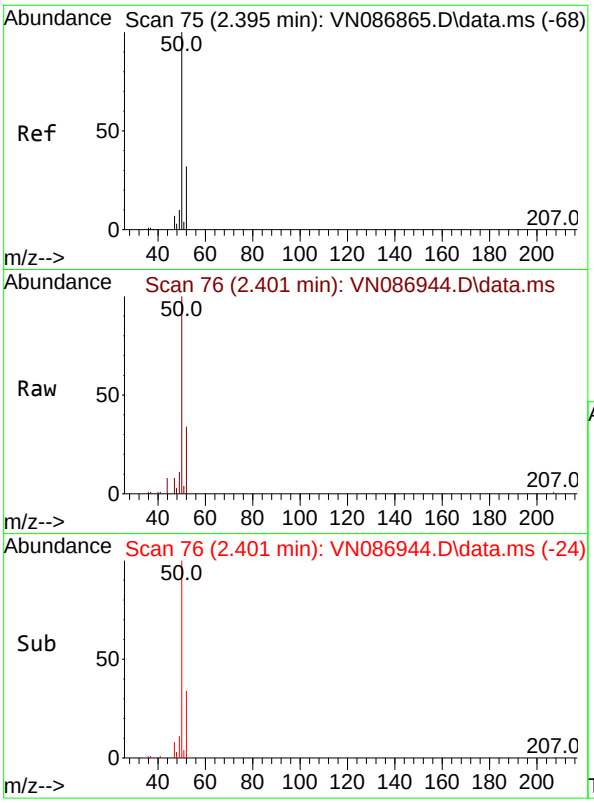


#2
Dichlorodifluoromethane
Concen: 19.725 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 85 Resp: 40672

Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.2	48.6



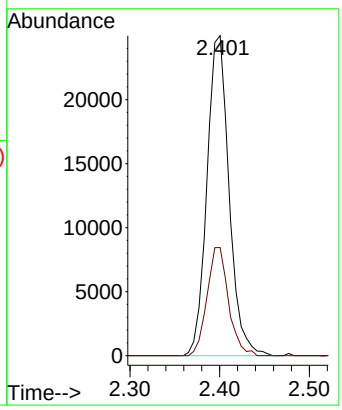


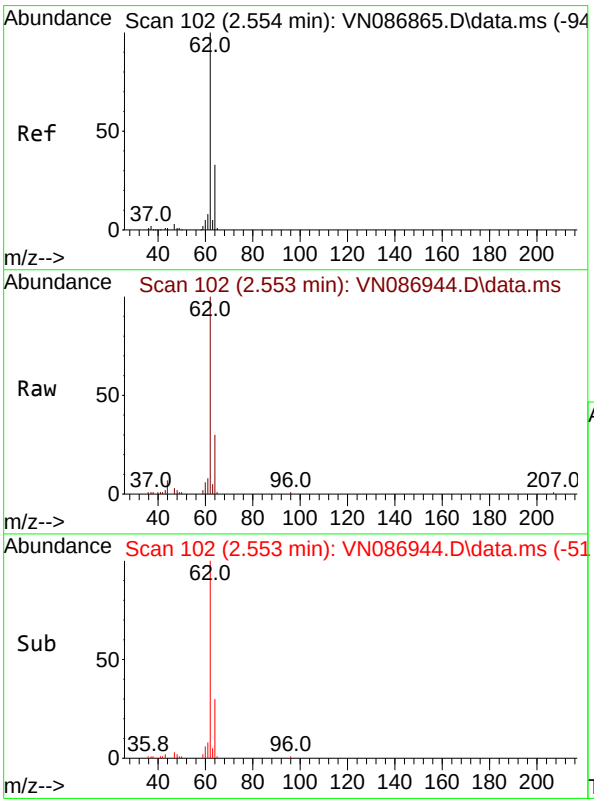
#3
Chloromethane
Concen: 16.079 ug/l
RT: 2.401 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 50 Resp: 42812

Ion	Ratio	Lower	Upper
50	100		
52	33.8	25.7	38.5

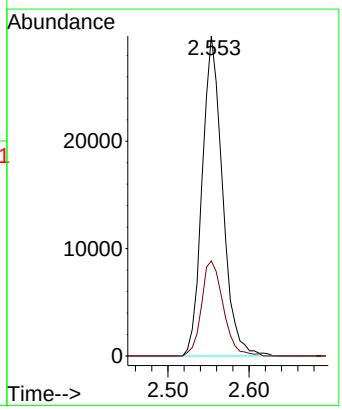


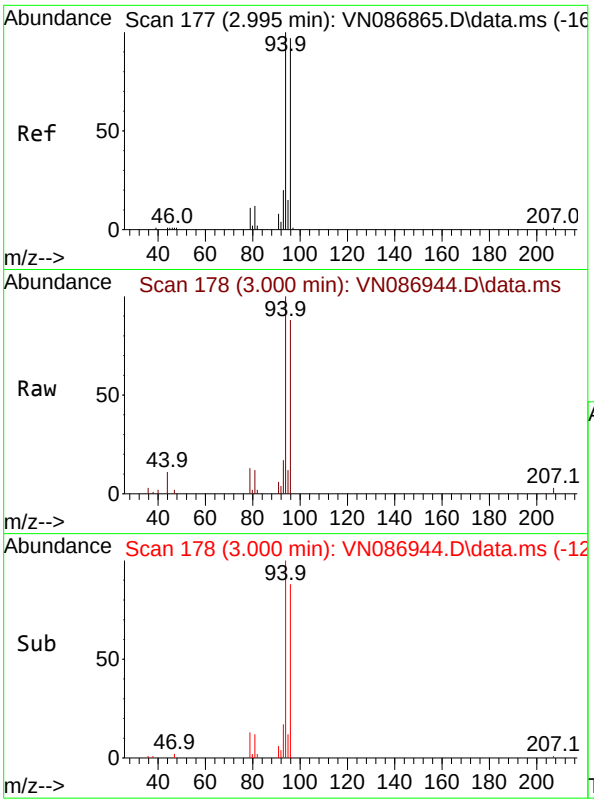


#4
Vinyl Chloride
Concen: 18.852 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 62 Resp: 51780

Ion	Ratio	Lower	Upper
62	100		
64	29.7	26.0	39.0



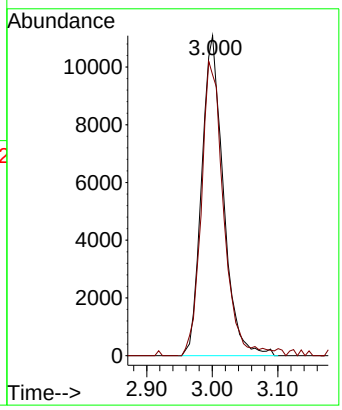


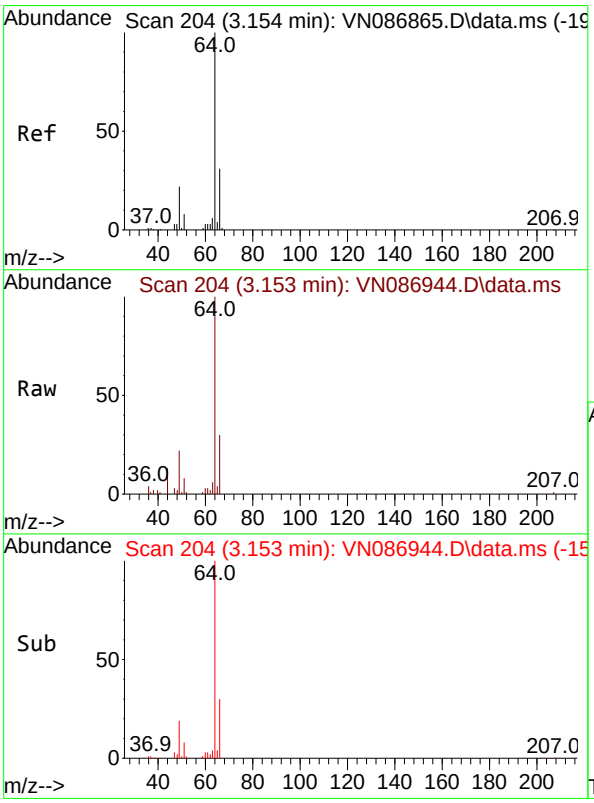
#5
Bromomethane
Concen: 16.641 ug/l
RT: 3.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 94 Resp: 25577

Ion	Ratio	Lower	Upper
94	100		
96	87.8	77.9	116.9

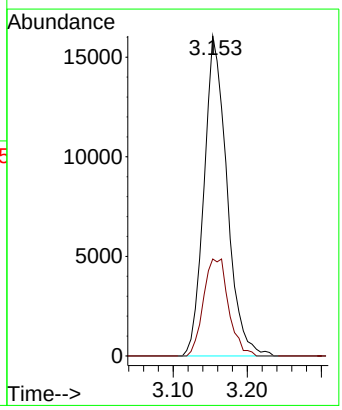


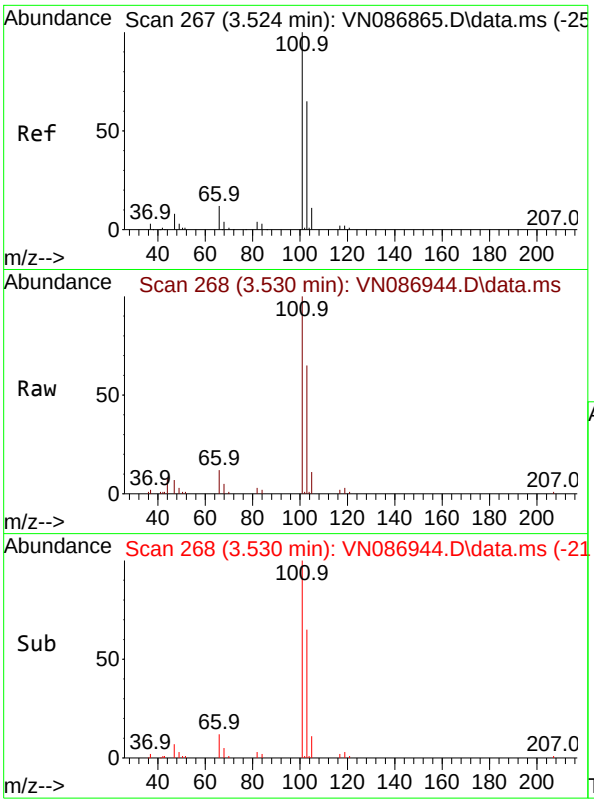


#6
Chloroethane
Concen: 19.446 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 64 Resp: 34500

Ion	Ratio	Lower	Upper
64	100		
66	30.3	24.6	36.8



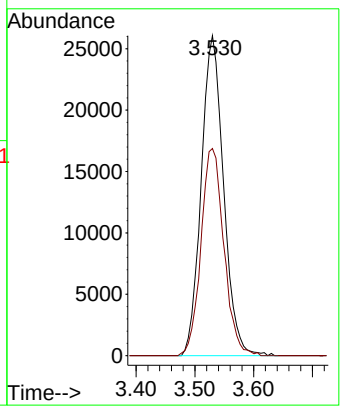


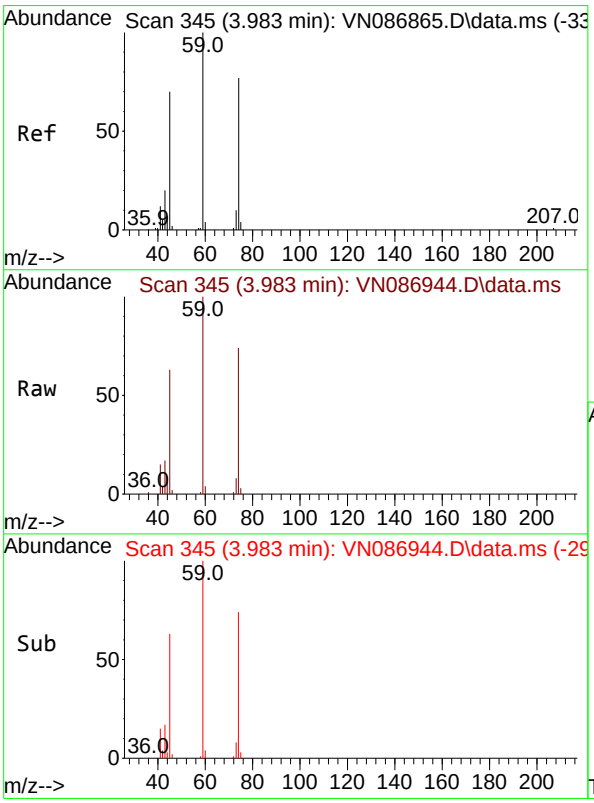
#7
Trichlorofluoromethane
Concen: 19.159 ug/l
RT: 3.530 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:101 Resp: 68752

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.2

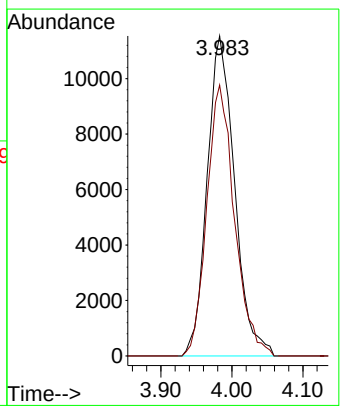


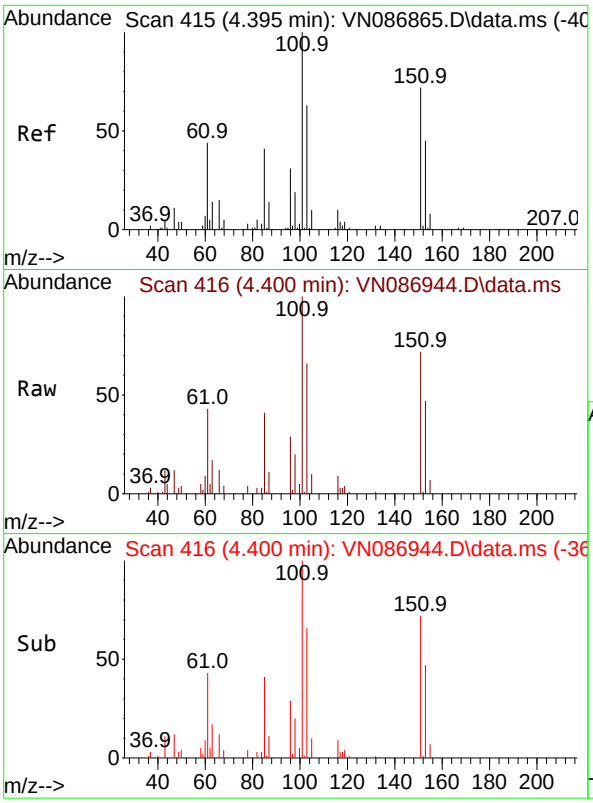


#8
Diethyl Ether
Concen: 19.772 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 74 Resp: 30914

Ion	Ratio	Lower	Upper
74	100		
45	85.5	45.5	136.5



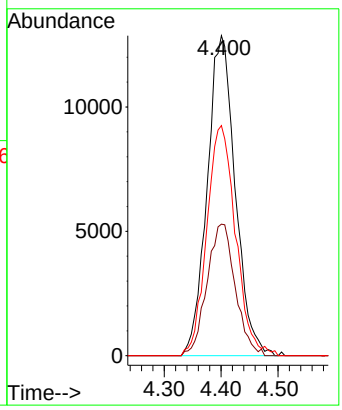


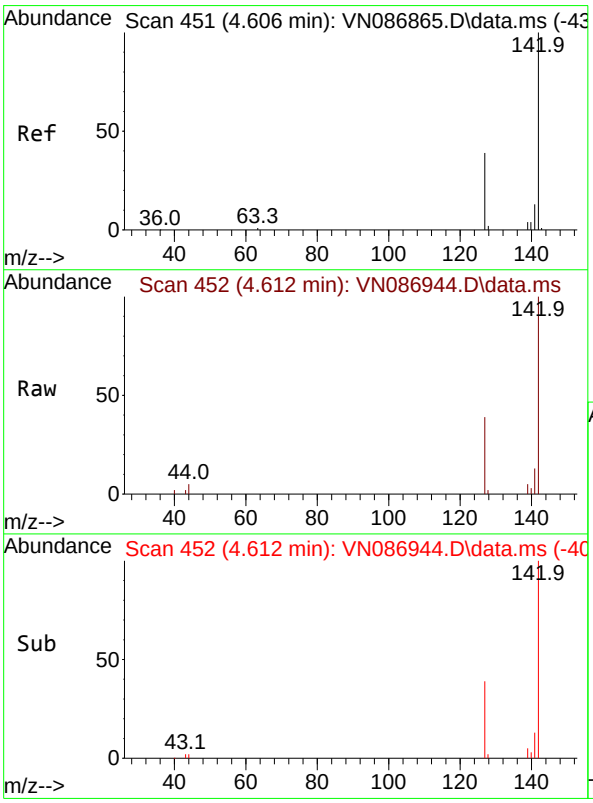
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.568 ug/l
RT: 4.400 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:101 Resp: 44117

Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.8	50.8
151	74.0	58.7	88.1

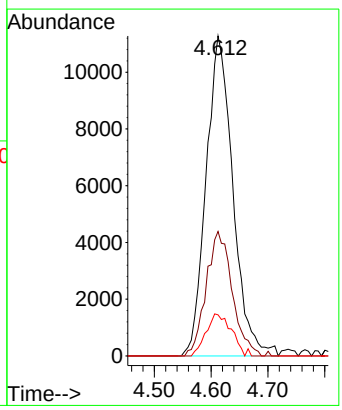


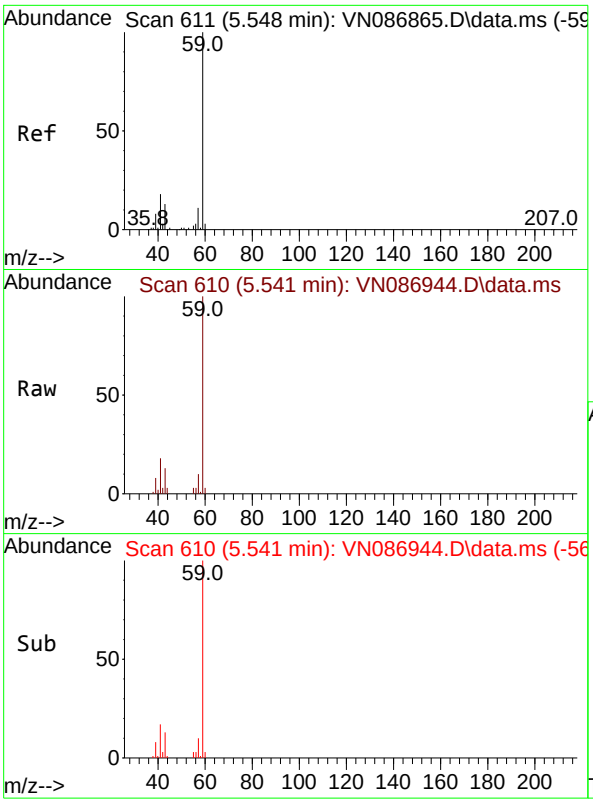


#10
Methyl Iodide
Concen: 12.634 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:142 Resp: 36924

Ion	Ratio	Lower	Upper
142	100		
127	38.9	30.9	46.3
141	12.9	10.4	15.6



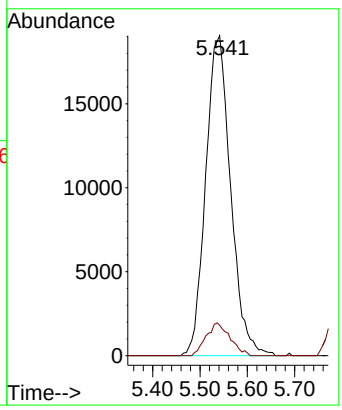


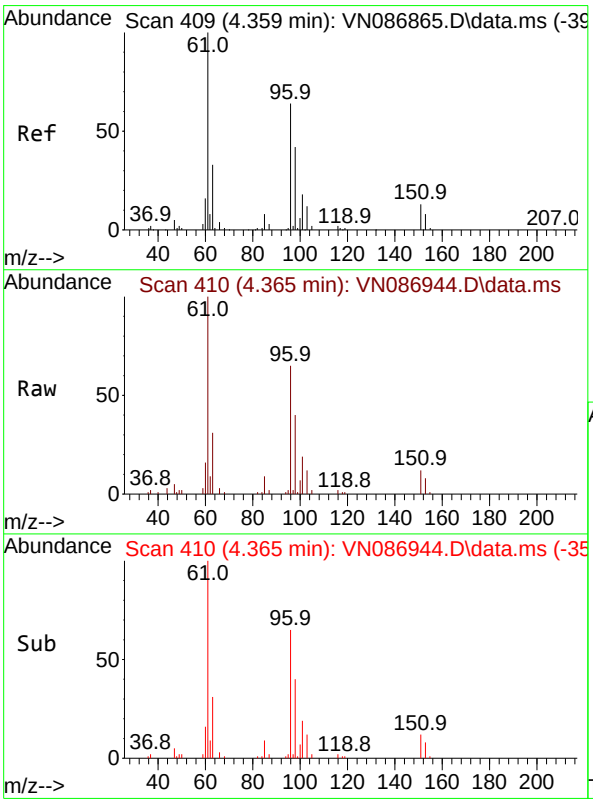
#11
Tert butyl alcohol
Concen: 92.831 ug/l
RT: 5.541 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 59 Resp: 69743

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1

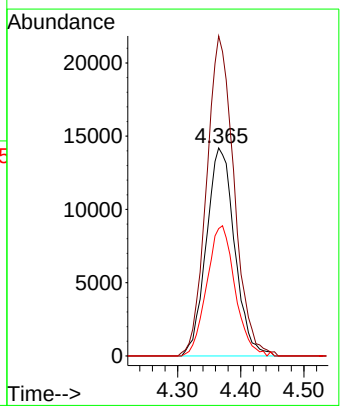


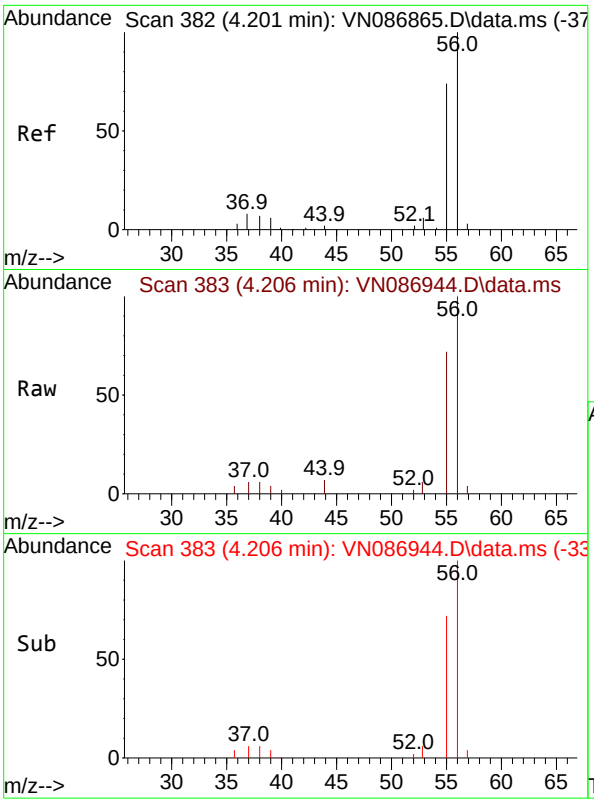


#12
1,1-Dichloroethene
Concen: 19.233 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 96 Resp: 44269

Ion	Ratio	Lower	Upper
96	100		
61	153.8	125.8	188.6
98	61.2	52.5	78.7



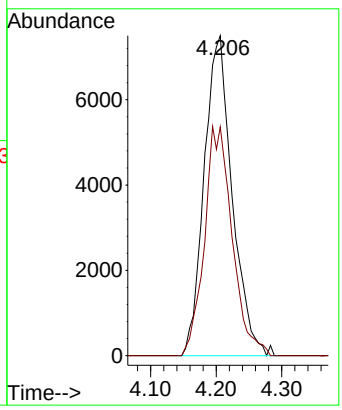


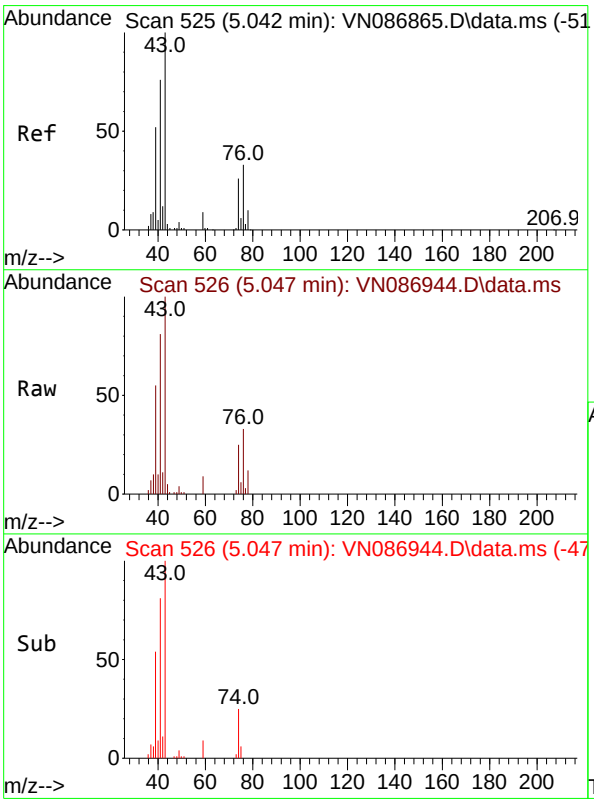
#13
Acrolein
Concen: 93.730 ug/l
RT: 4.206 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 56 Resp: 22290

Ion	Ratio	Lower	Upper
56	100		
55	70.9	55.6	83.4

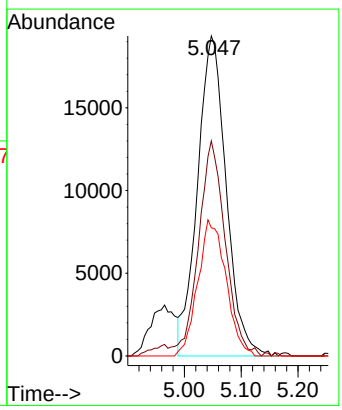


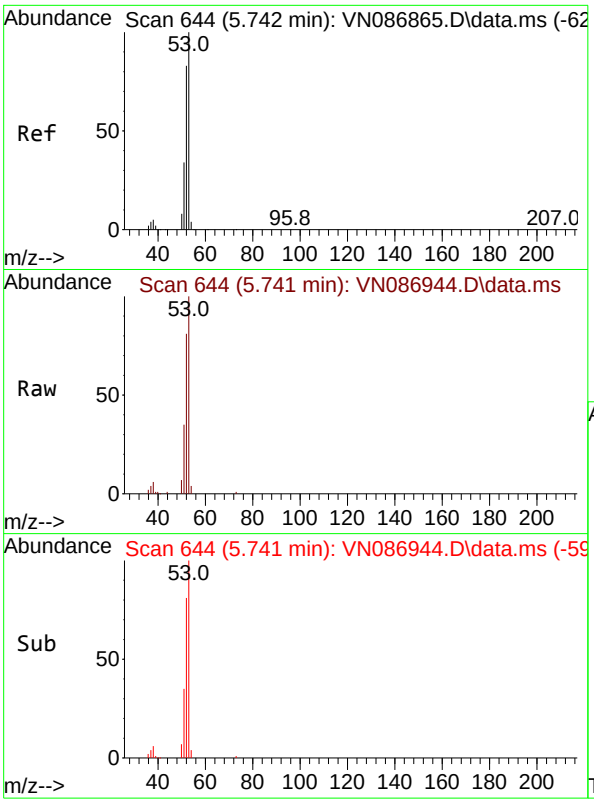


#14
Allyl chloride
Concen: 17.821 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 41 Resp: 68027

Ion	Ratio	Lower	Upper
41	100		
39	62.5	51.3	76.9
76	41.4	31.4	47.0



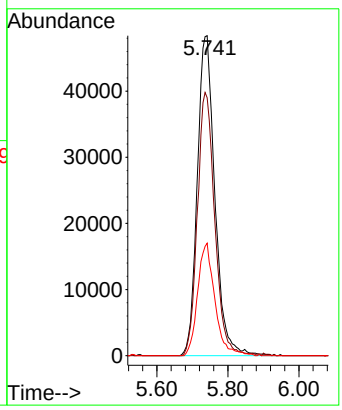


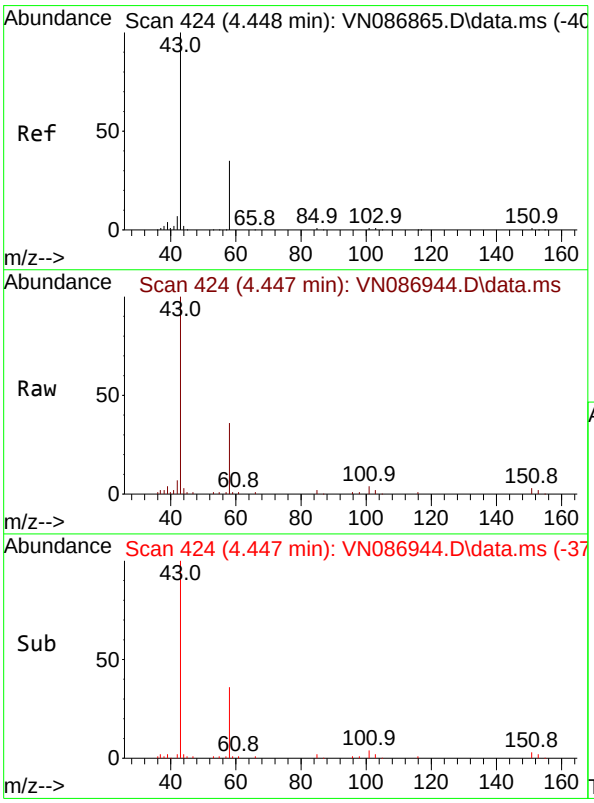
#15
Acrylonitrile
Concen: 95.084 ug/l
RT: 5.741 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 53 Resp: 166971

Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.0	97.6
51	34.5	27.2	40.8

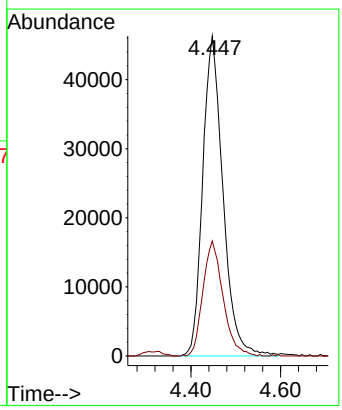


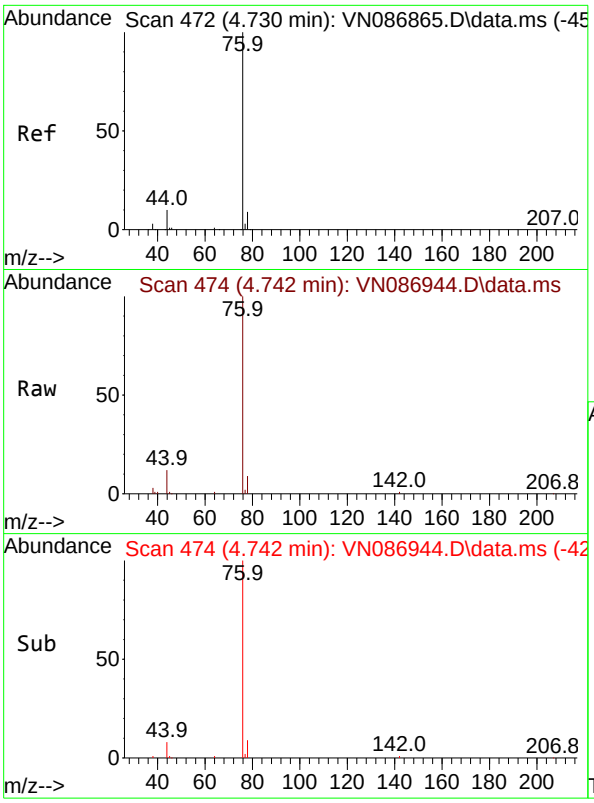


#16
Acetone
Concen: 98.972 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 145322

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.0	42.0



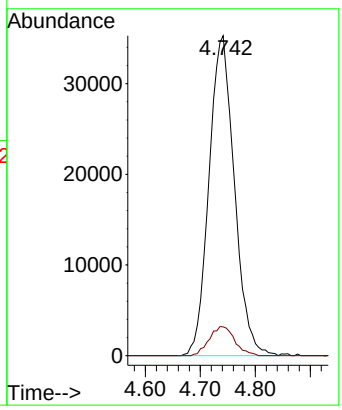


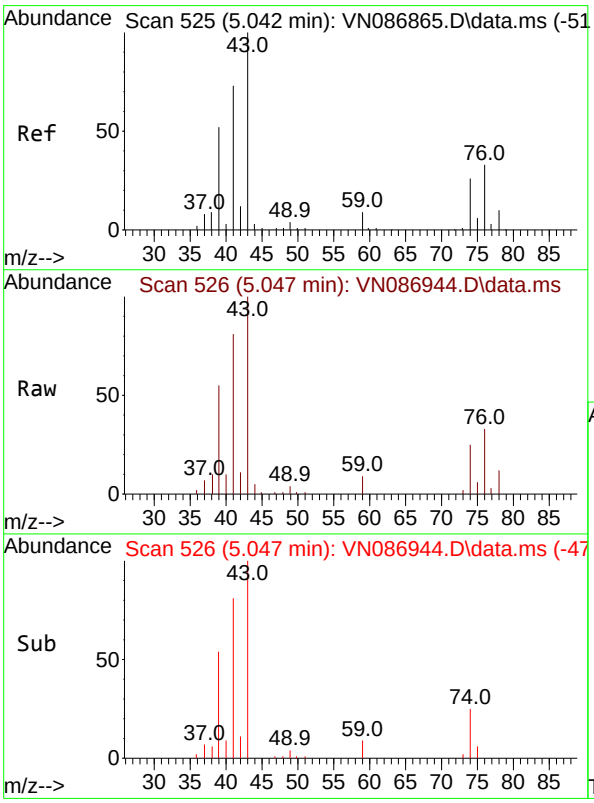
#17
Carbon Disulfide
Concen: 17.769 ug/l
RT: 4.742 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 76 Resp: 113132

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

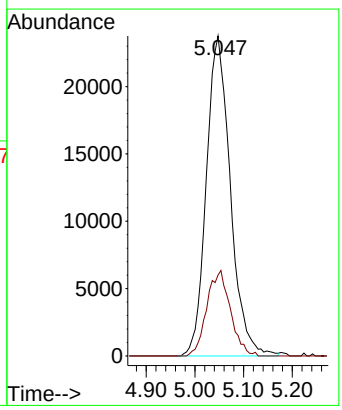


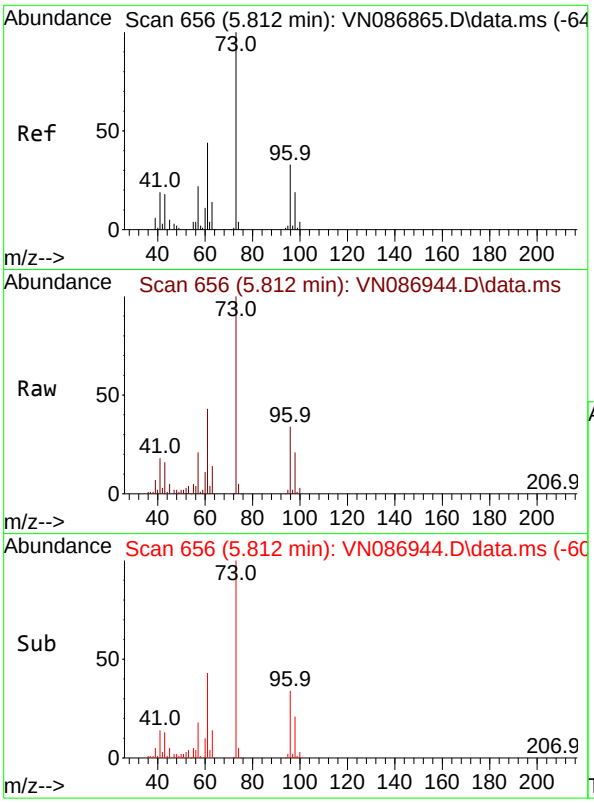


#18
Methyl Acetate
Concen: 19.013 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 81357

Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.7	31.1



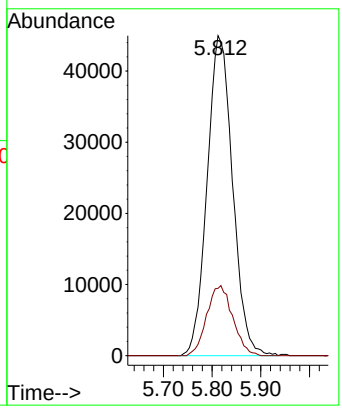


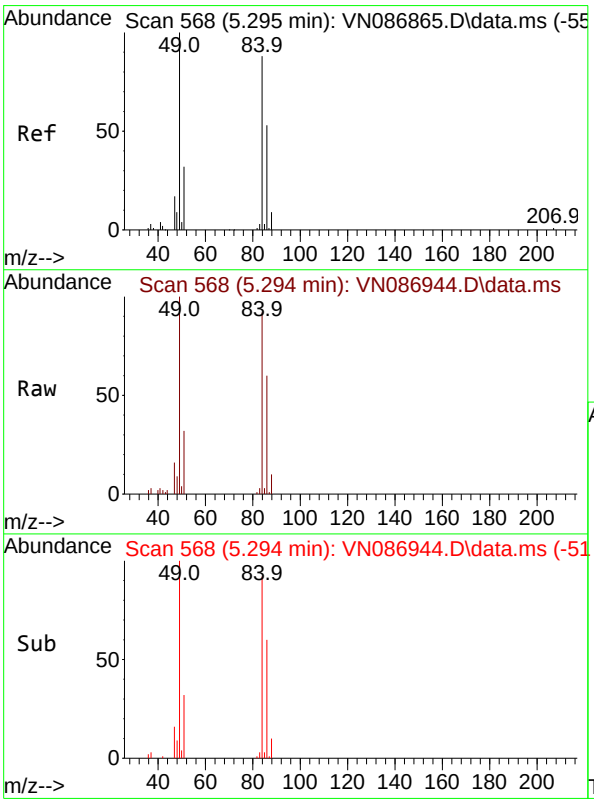
#19
Methyl tert-butyl Ether
Concen: 19.599 ug/l
RT: 5.812 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 73 Resp: 163338

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2

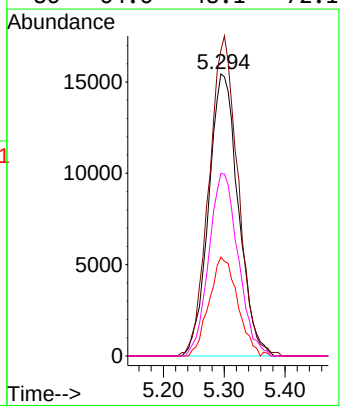


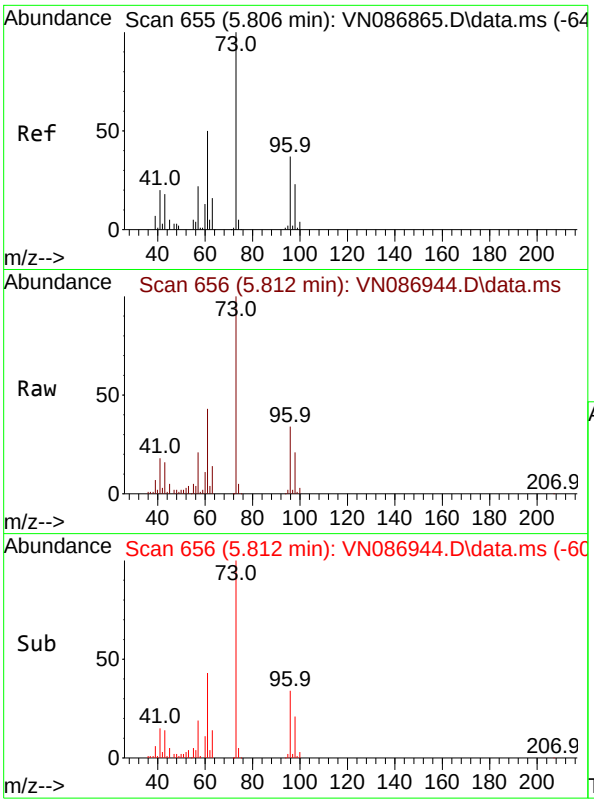


#20
Methylene Chloride
Concen: 18.988 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 84 Resp: 52196

Ion	Ratio	Lower	Upper
84	100		
49	108.4	90.5	135.7
51	35.0	28.5	42.7
86	64.6	48.1	72.1



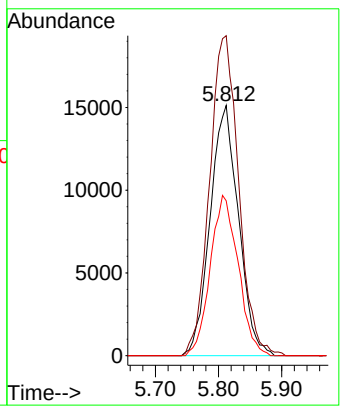


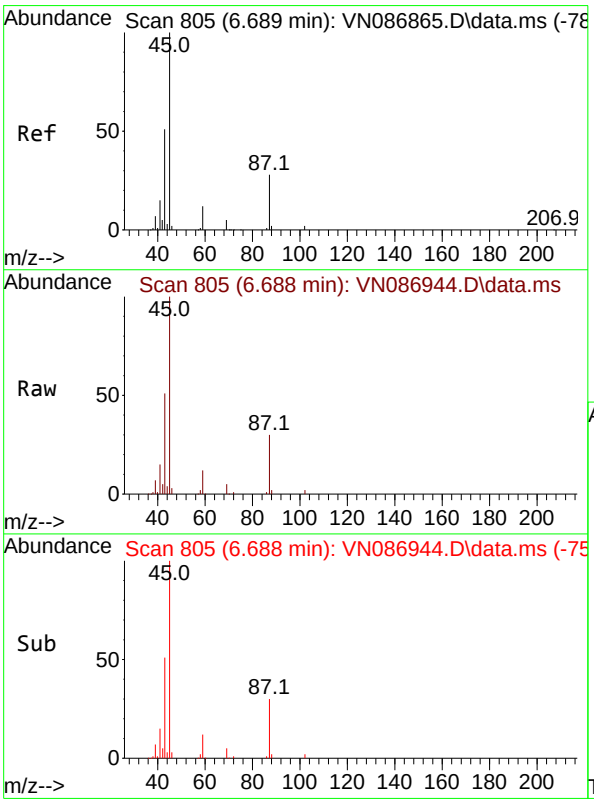
#21
trans-1,2-Dichloroethene
Concen: 18.464 ug/l
RT: 5.812 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 96 Resp: 47284

Ion	Ratio	Lower	Upper
96	100		
61	127.9	109.2	163.8
98	61.9	49.8	74.8

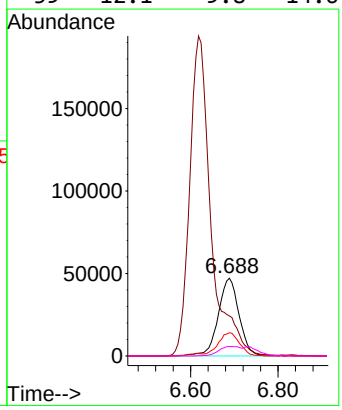


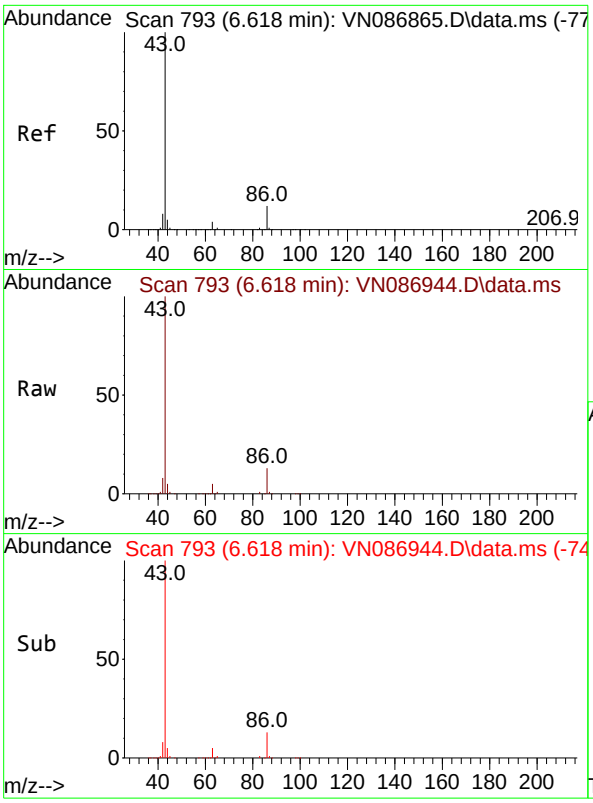


#22
Diisopropyl ether
Concen: 19.326 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 45 Resp: 155508

Ion	Ratio	Lower	Upper
45	100		
43	50.5	41.9	62.9
87	29.8	22.4	33.6
59	12.1	9.8	14.6



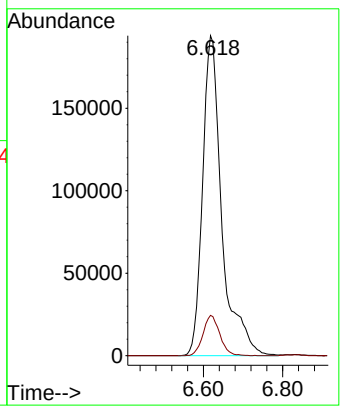


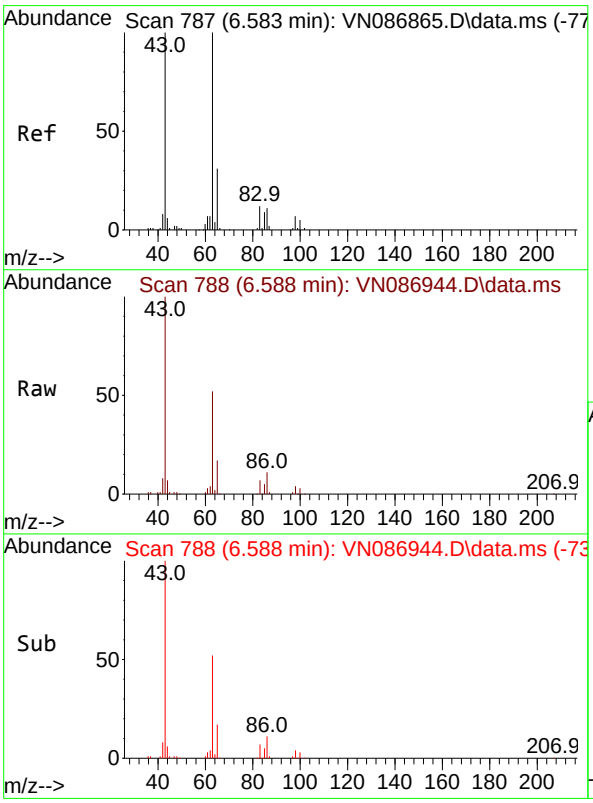
#23
Vinyl Acetate
Concen: 96.092 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 43 Resp: 653278

Ion	Ratio	Lower	Upper
43	100		
86	12.6	9.5	14.3

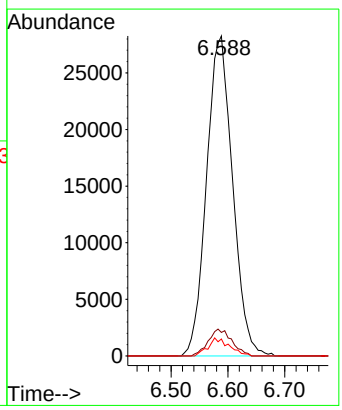


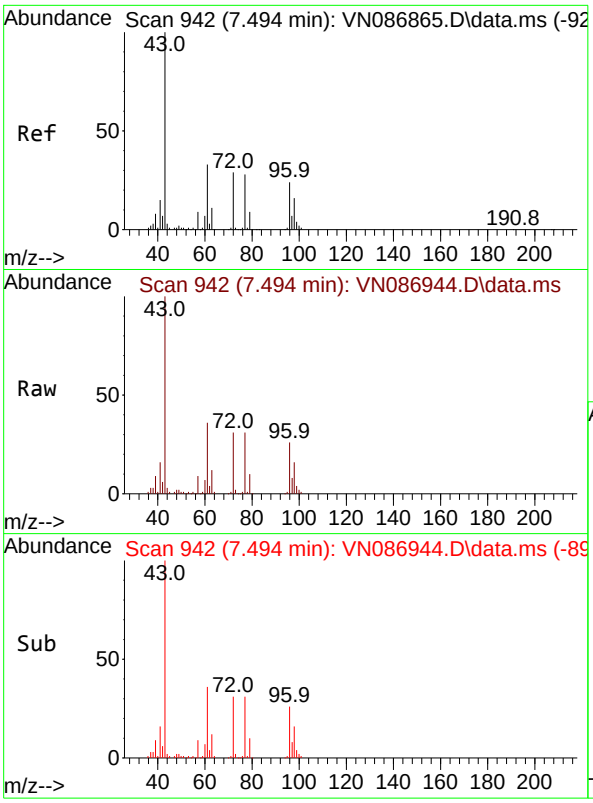


#24
1,1-Dichloroethane
Concen: 19.421 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 63 Resp: 89930

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	5.3	2.6	7.8



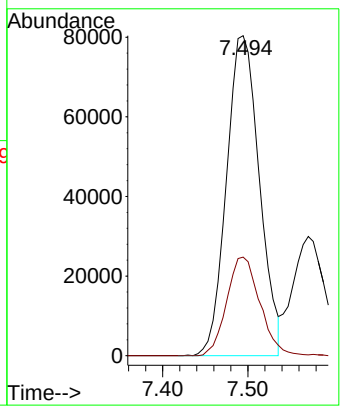


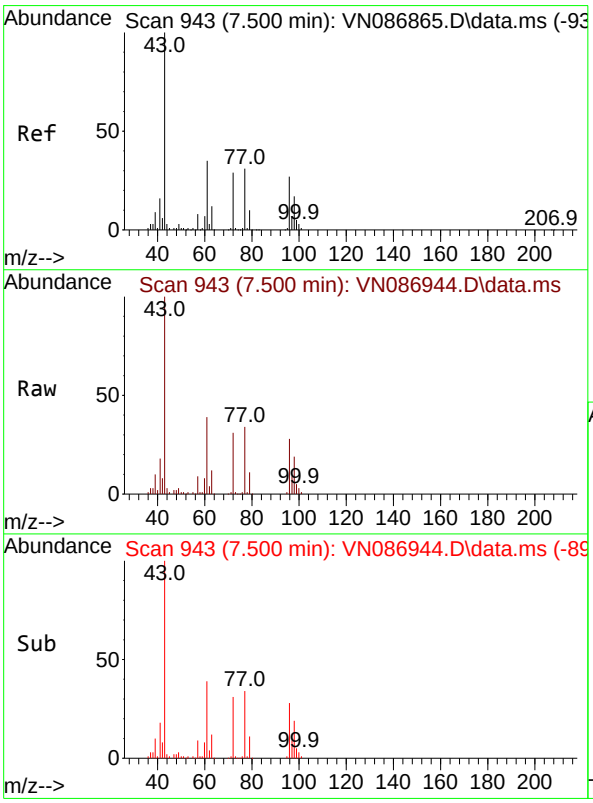
#25
2-Butanone
Concen: 90.401 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 43 Resp: 215760

Ion	Ratio	Lower	Upper
43	100		
72	30.8	23.0	34.6

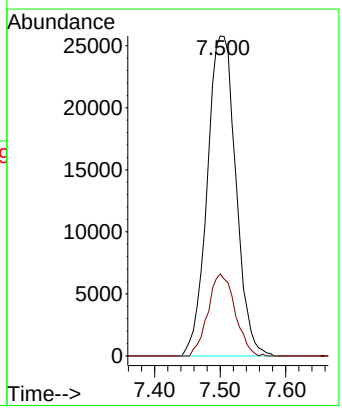


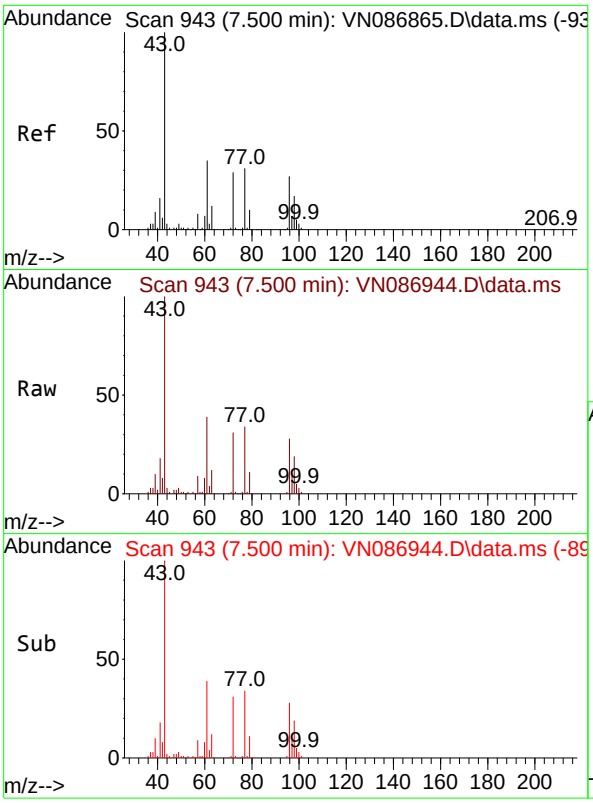


#26
2,2-Dichloropropane
Concen: 21.663 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 77 Resp: 78031

Ion	Ratio	Lower	Upper
77	100		
97	24.3	11.6	34.7



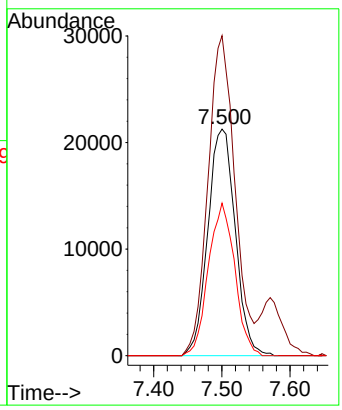


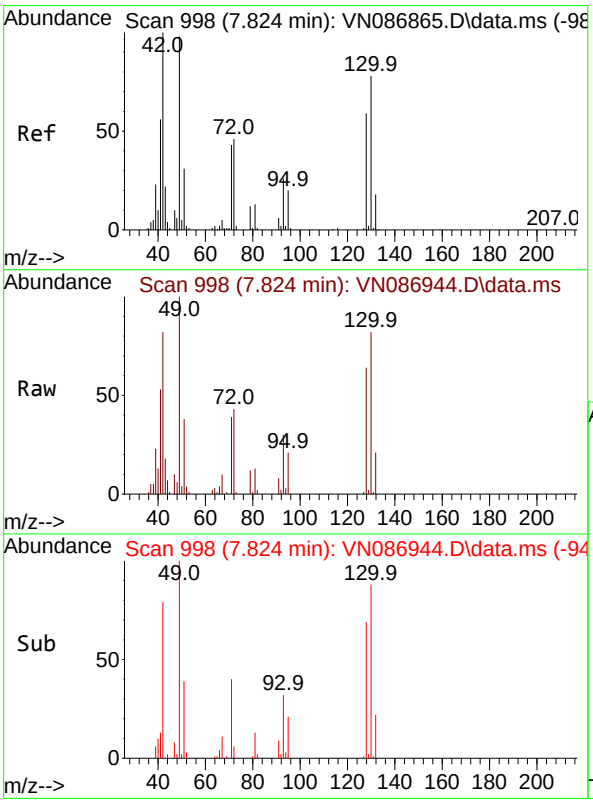
#27
cis-1,2-Dichloroethene
Concen: 19.453 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 96 Resp: 59578

Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	278.0
98	64.6	0.0	128.2

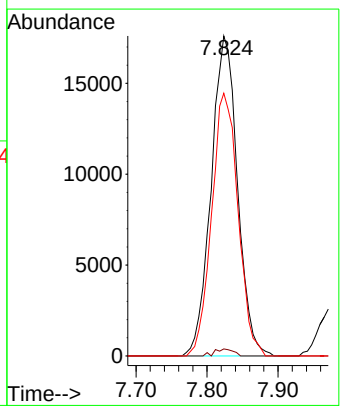


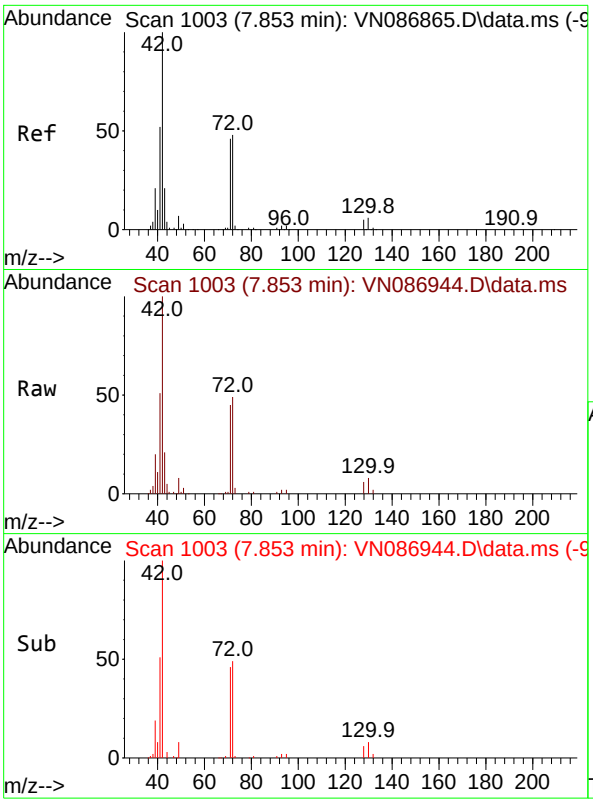


#28
Bromochloromethane
Concen: 19.909 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 49 Resp: 45329

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	82.2	62.2	93.2



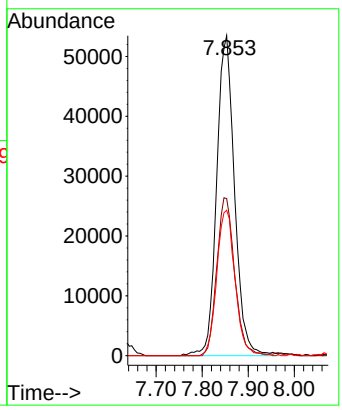


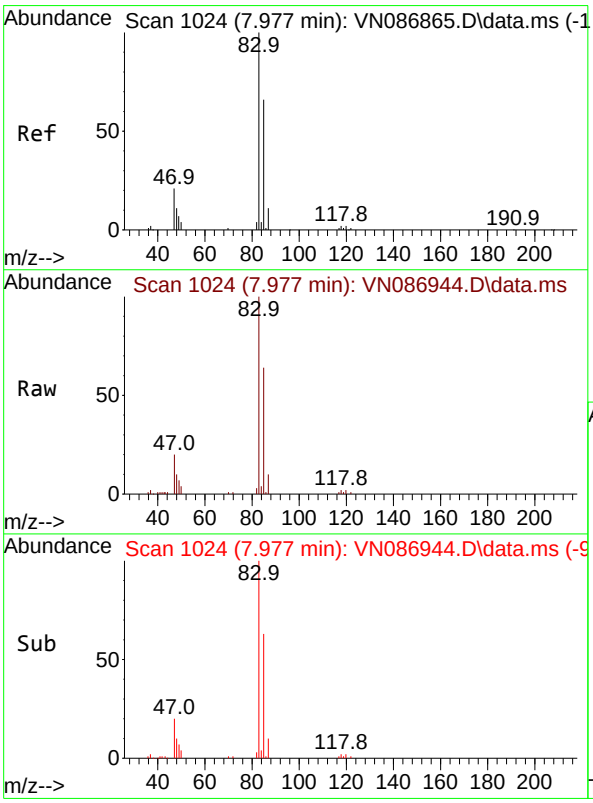
#29
Tetrahydrofuran
Concen: 92.532 ug/l
RT: 7.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 42 Resp: 143866

Ion	Ratio	Lower	Upper
42	100		
72	49.4	37.8	56.6
71	46.2	35.6	53.4

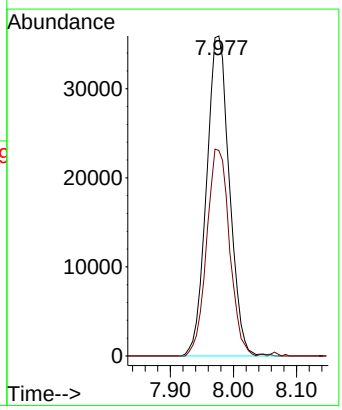


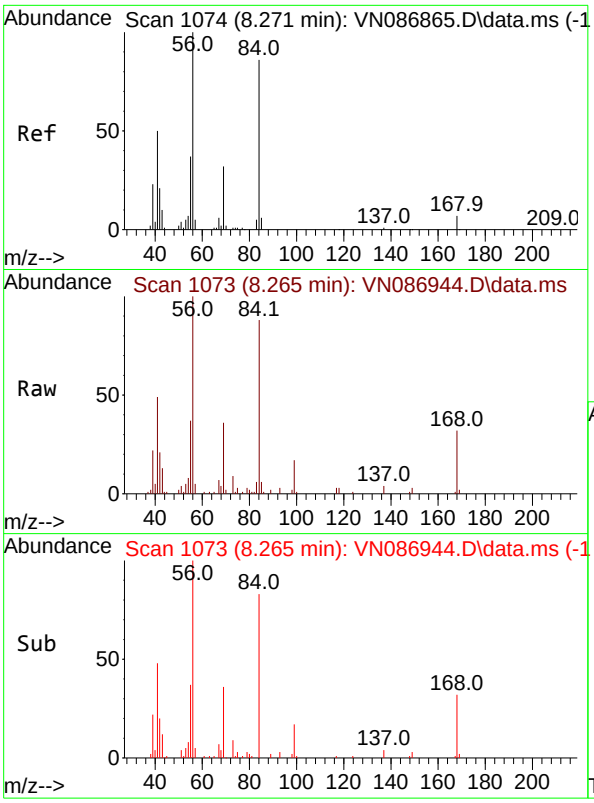


#30
Chloroform
Concen: 19.521 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 83 Resp: 90272

Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.9	79.3



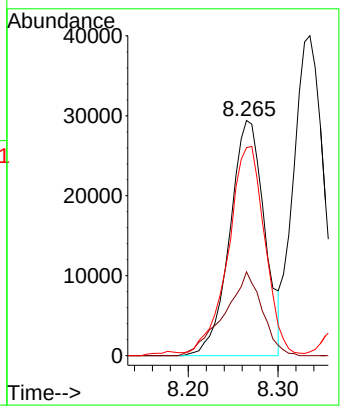


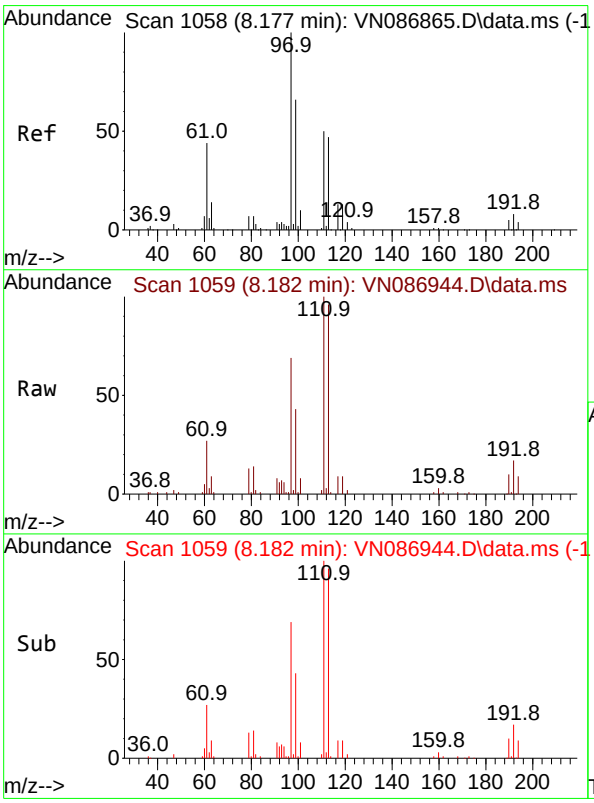
#31
Cyclohexane
Concen: 17.603 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 56 Resp: 79050

Ion	Ratio	Lower	Upper
56	100		
69	35.7	25.4	38.0
84	87.1	68.8	103.2

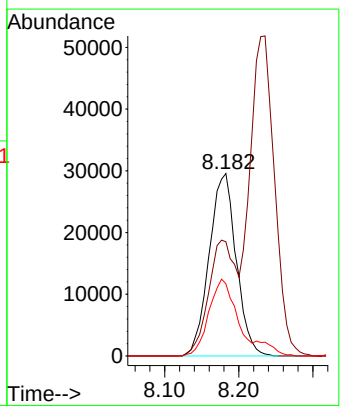


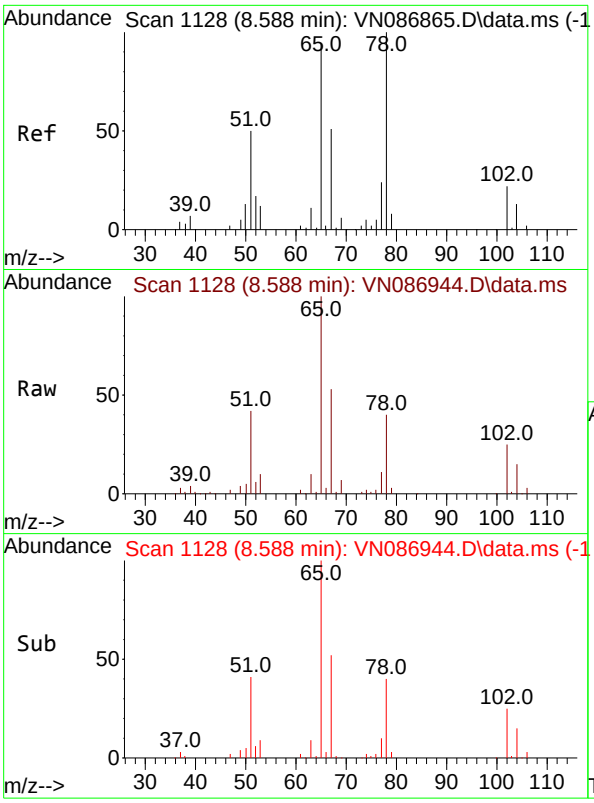


#32
1,1,1-Trichloroethane
Concen: 19.033 ug/l
RT: 8.182 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 97 Resp: 74861

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	47.9	35.9	53.9



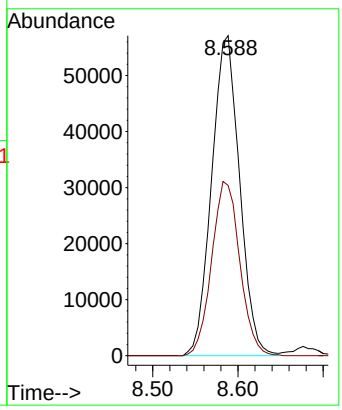


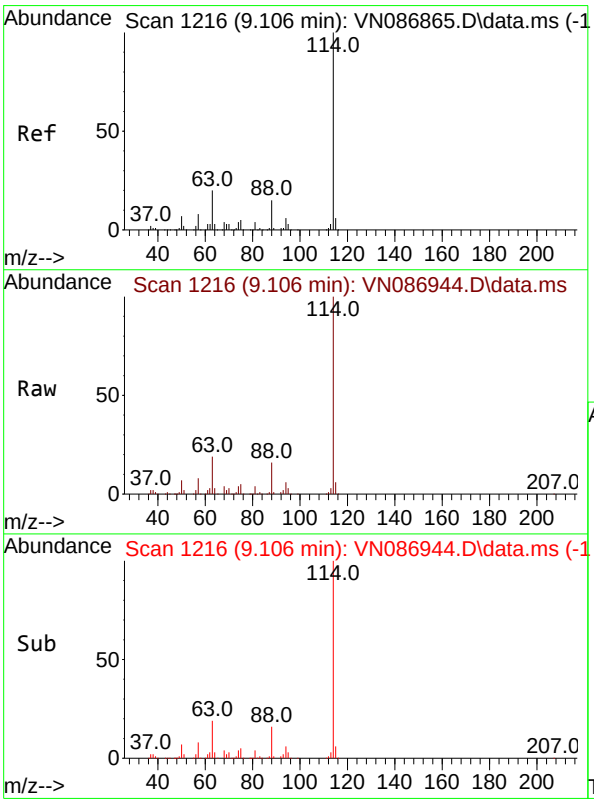
#33
1,2-Dichloroethane-d4
Concen: 47.075 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 65 Resp: 130342

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	105.6

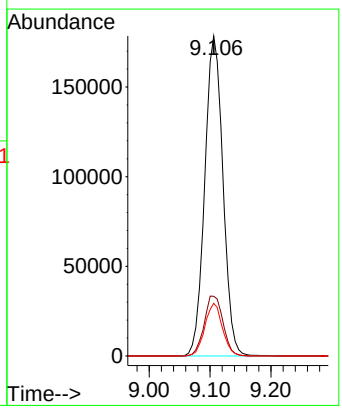


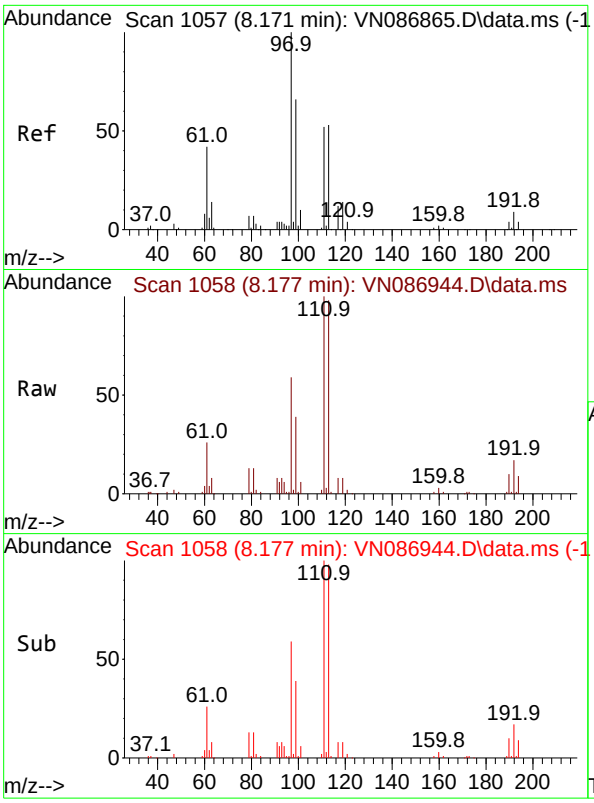


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:114 Resp: 370524

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.6
88	16.4	0.0	30.2



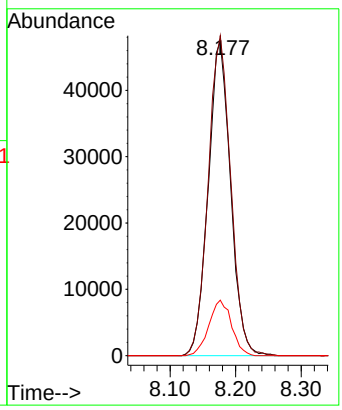


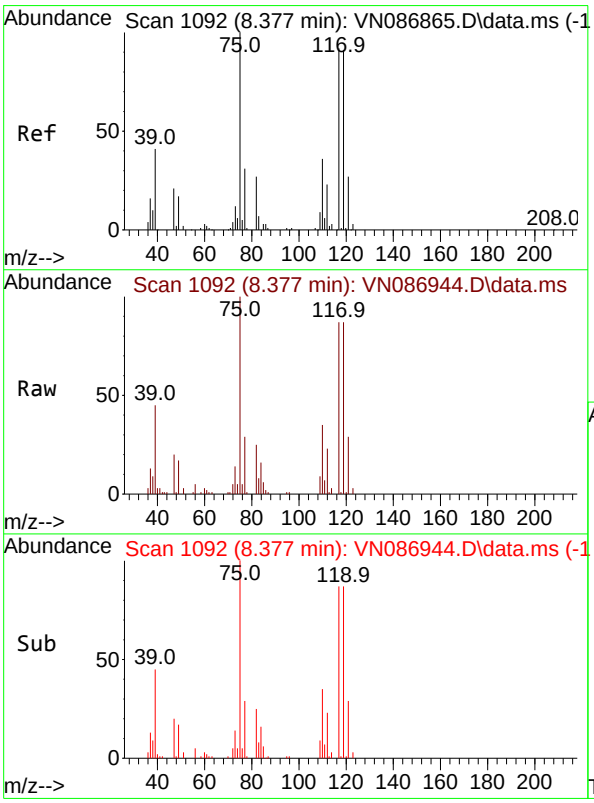
#35
Dibromofluoromethane
Concen: 51.096 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:113 Resp: 112198

Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.2	126.2
192	17.9	14.2	21.4

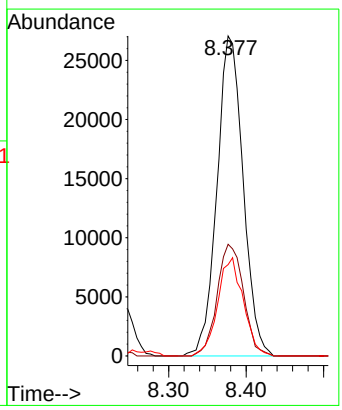


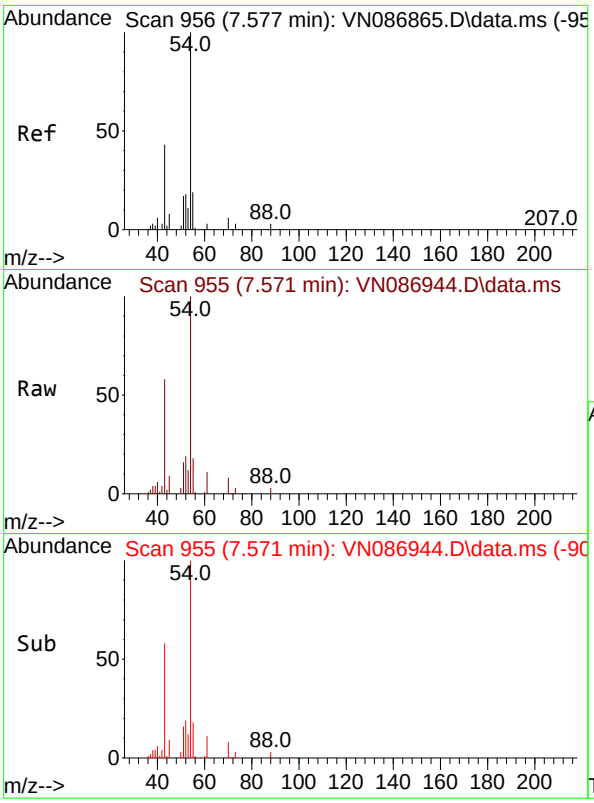


#36
1,1-Dichloropropene
Concen: 19.431 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 63577

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.6	52.9
77	30.1	25.3	37.9



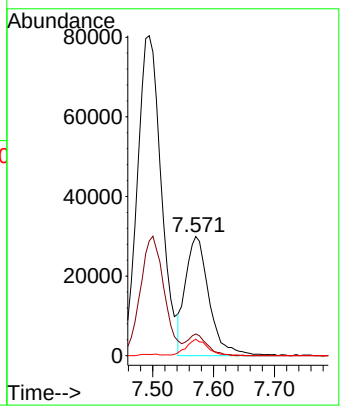


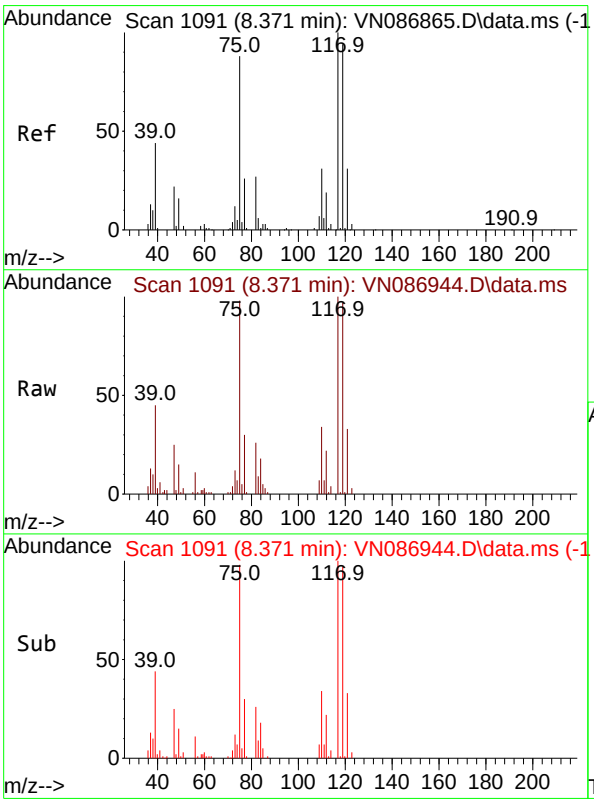
#37
Ethyl Acetate
Concen: 19.306 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 43 Resp: 80415

Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.1	18.1
70	12.3	9.8	14.6

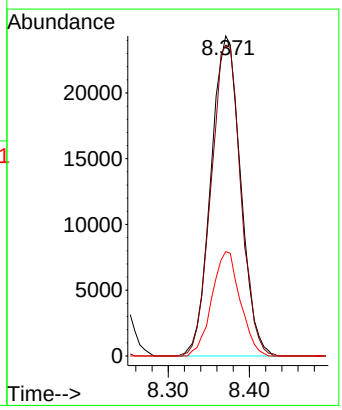


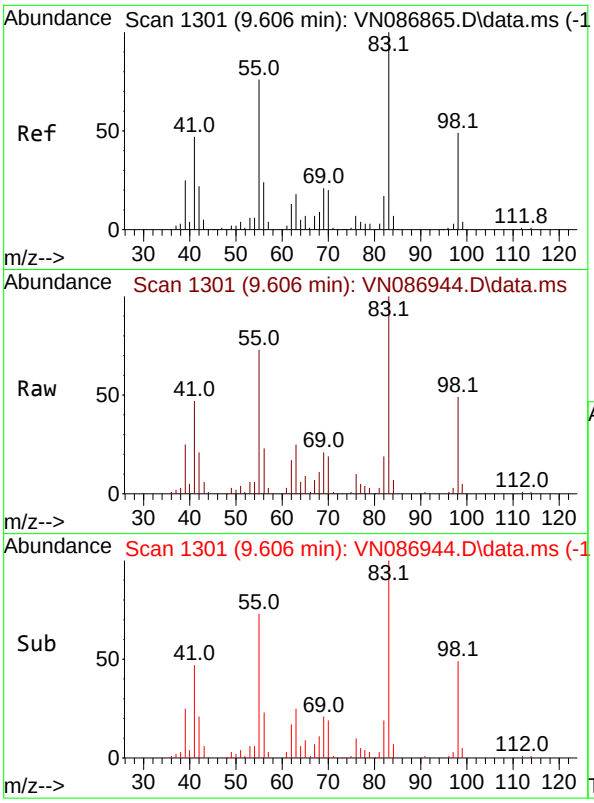


#38
Carbon Tetrachloride
Concen: 19.222 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:117 Resp: 61747

Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.0	112.6
121	32.6	24.9	37.3



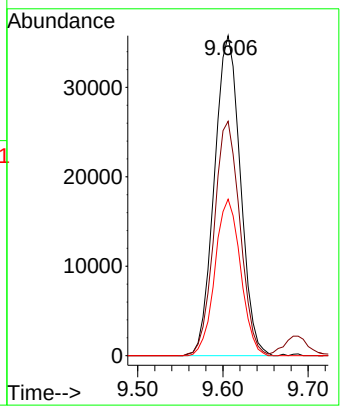


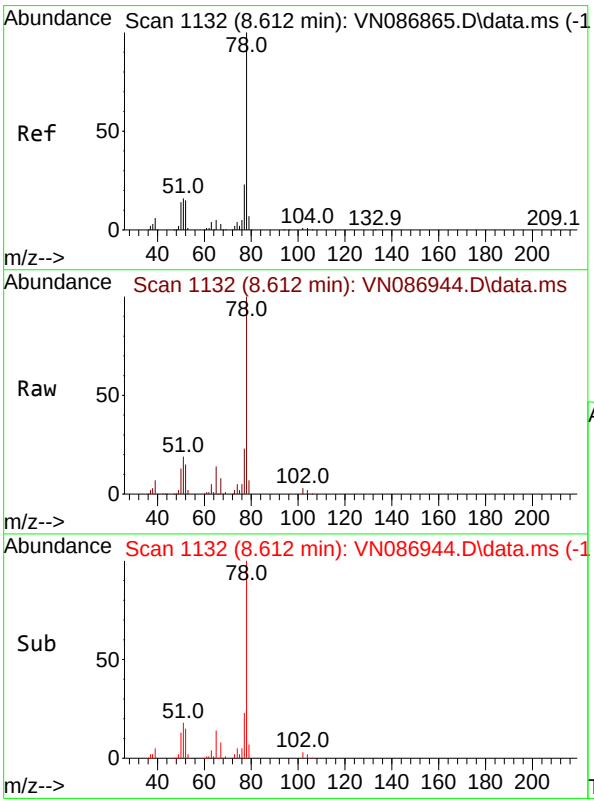
#39
Methylcyclohexane
Concen: 16.947 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 83 Resp: 75971

Ion	Ratio	Lower	Upper
83	100		
55	73.2	61.0	91.6
98	48.9	38.9	58.3

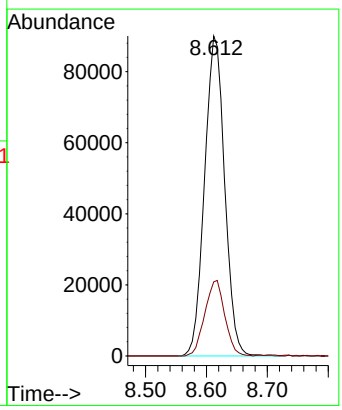


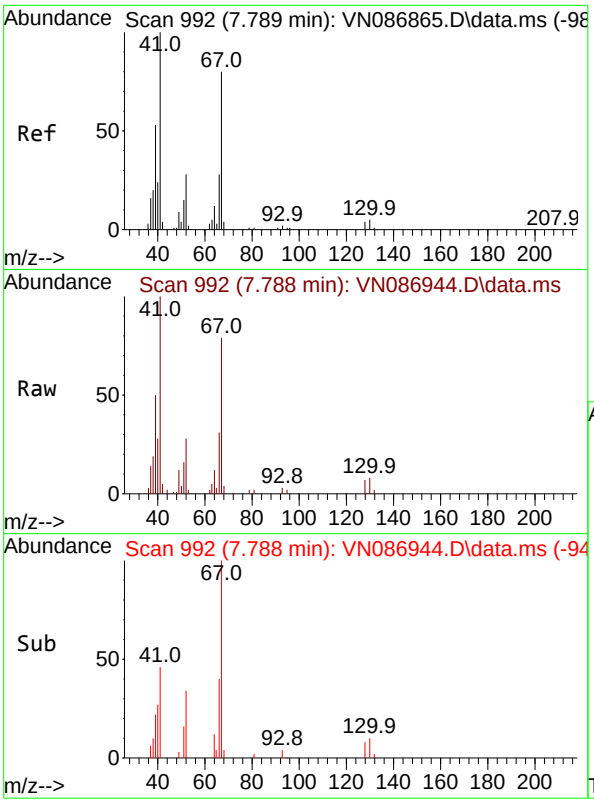


#40
Benzene
Concen: 19.277 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 78 Resp: 206255

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1



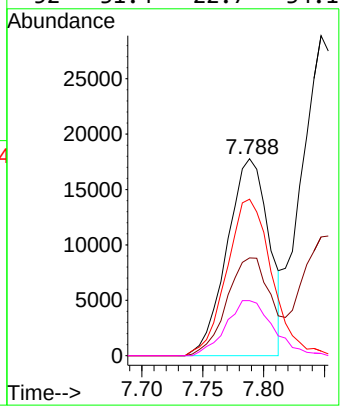


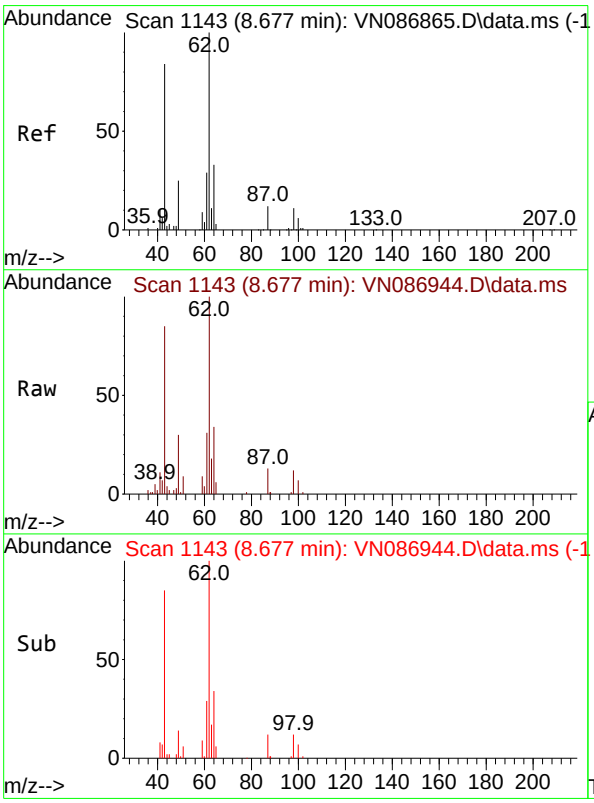
#41
Methacrylonitrile
Concen: 18.218 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 41 Resp: 42617

Ion	Ratio	Lower	Upper
41	100		
39	53.5	41.2	61.8
67	85.5	61.4	92.2
52	31.4	22.7	34.1

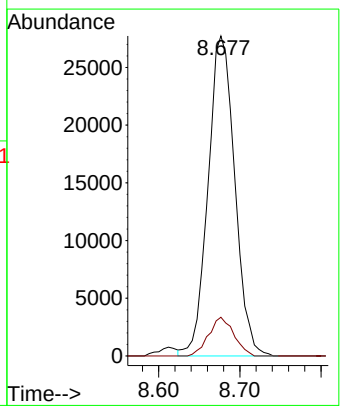


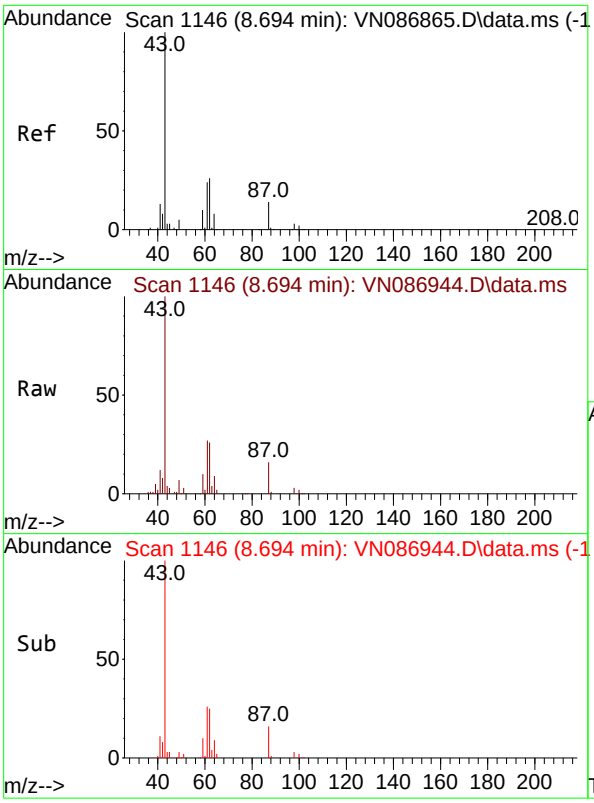


#42
1,2-Dichloroethane
Concen: 19.530 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 62 Resp: 63379

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.2



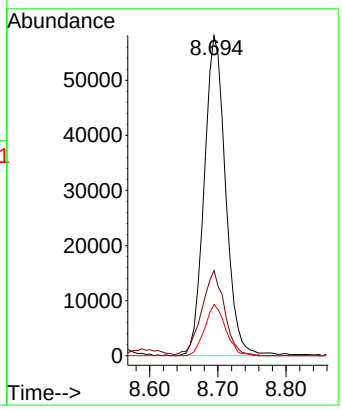


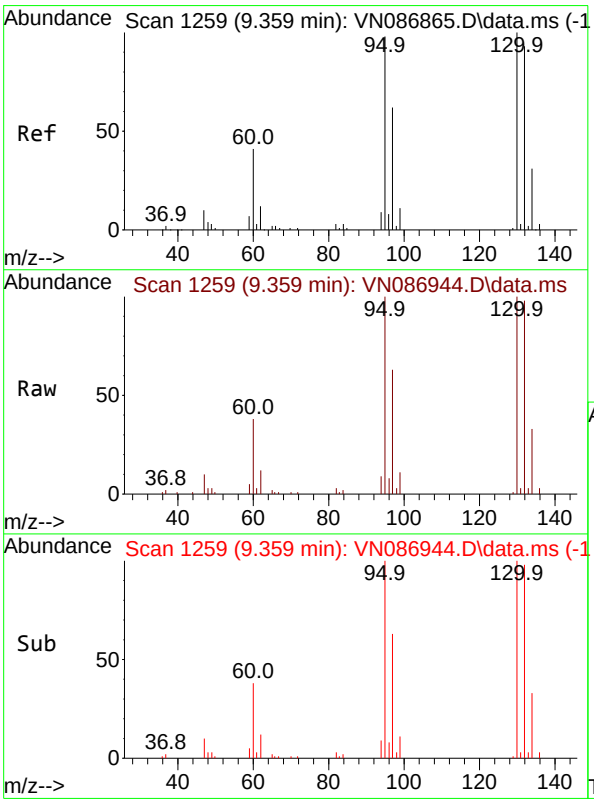
#43
Isopropyl Acetate
Concen: 18.984 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 43 Resp: 126914

Ion	Ratio	Lower	Upper
43	100		
61	28.5	22.1	33.1
87	15.6	11.8	17.6

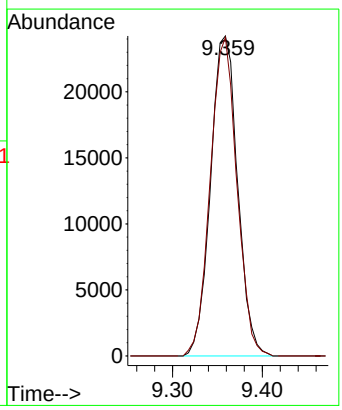


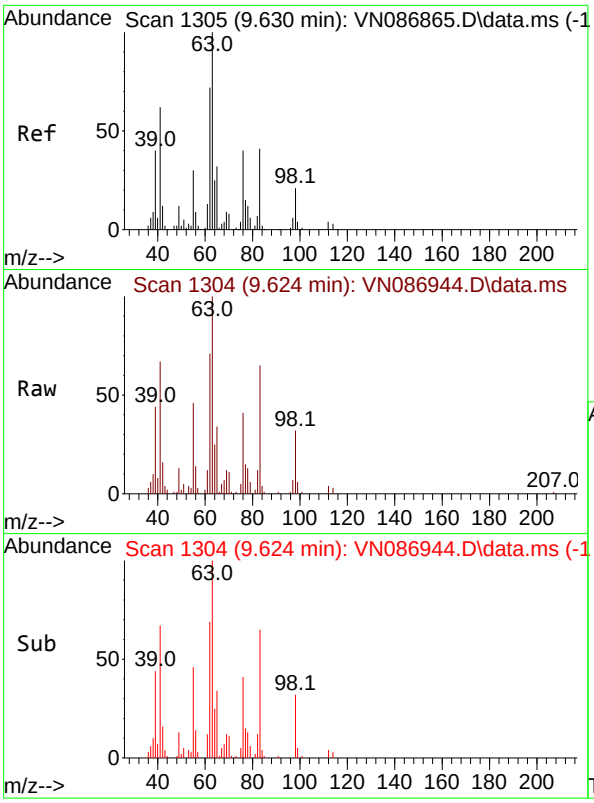


#44
Trichloroethene
Concen: 19.942 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:130 Resp: 50593

Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	196.2



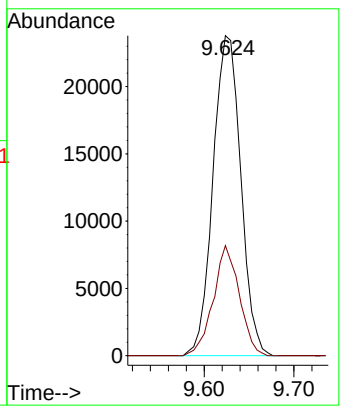


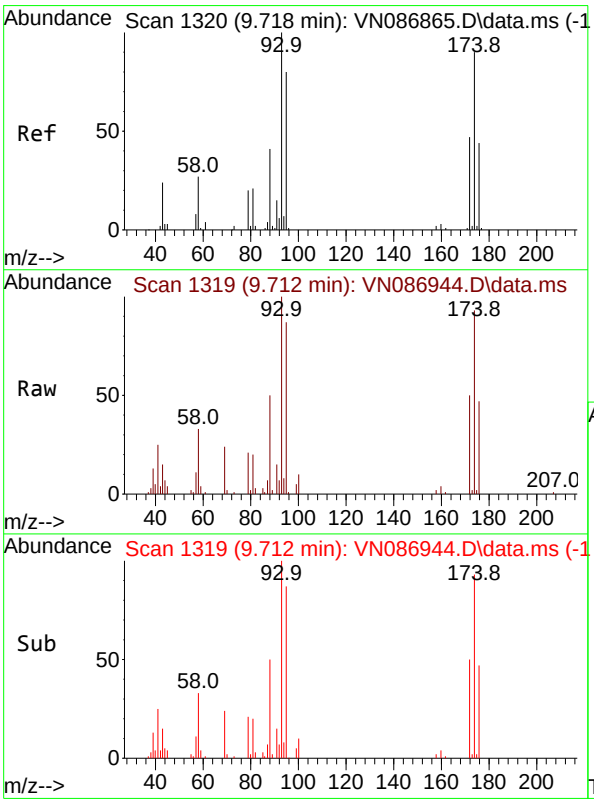
#45
1,2-Dichloropropane
Concen: 19.628 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 63 Resp: 51091

Ion	Ratio	Lower	Upper
63	100		
65	34.4	25.5	38.3

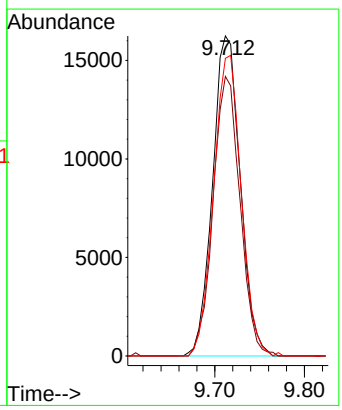


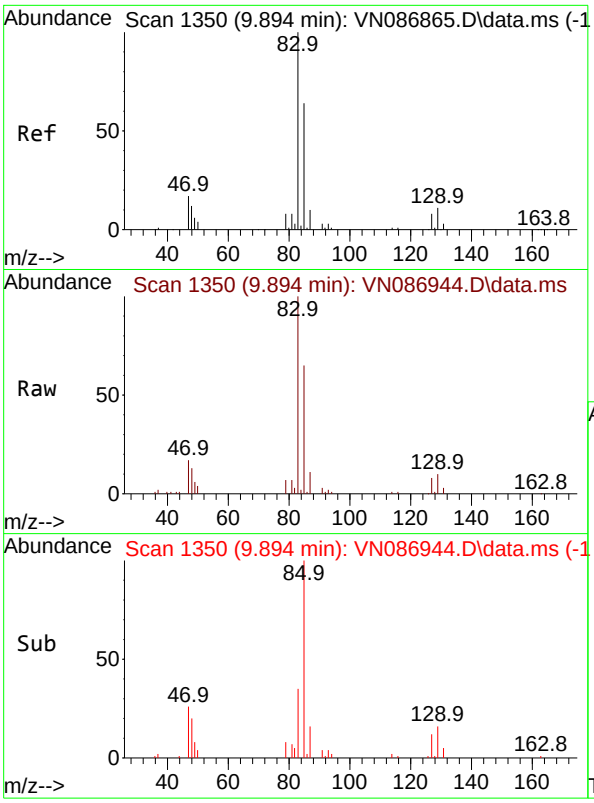


#46
Dibromomethane
Concen: 20.093 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 93 Resp: 34741

Ion	Ratio	Lower	Upper
93	100		
95	85.1	67.1	100.7
174	94.0	74.2	111.4



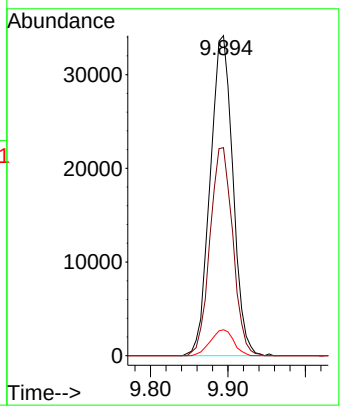


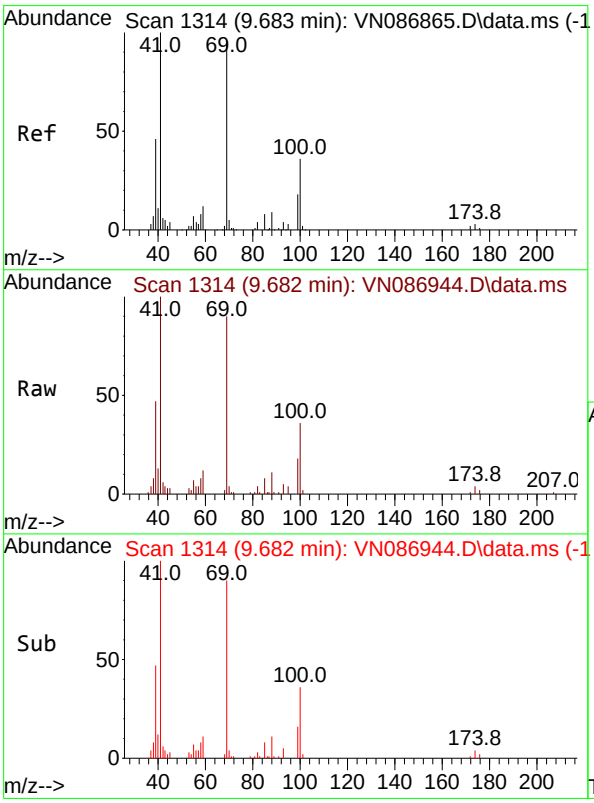
#47
Bromodichloromethane
Concen: 19.634 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 83 Resp: 69845

Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.9	76.3
127	8.1	6.6	10.0

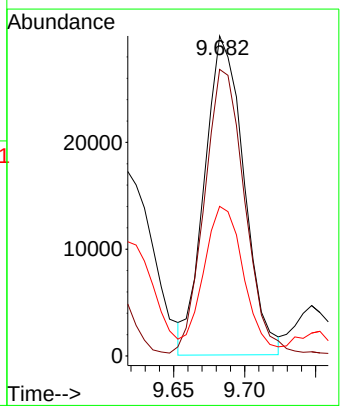


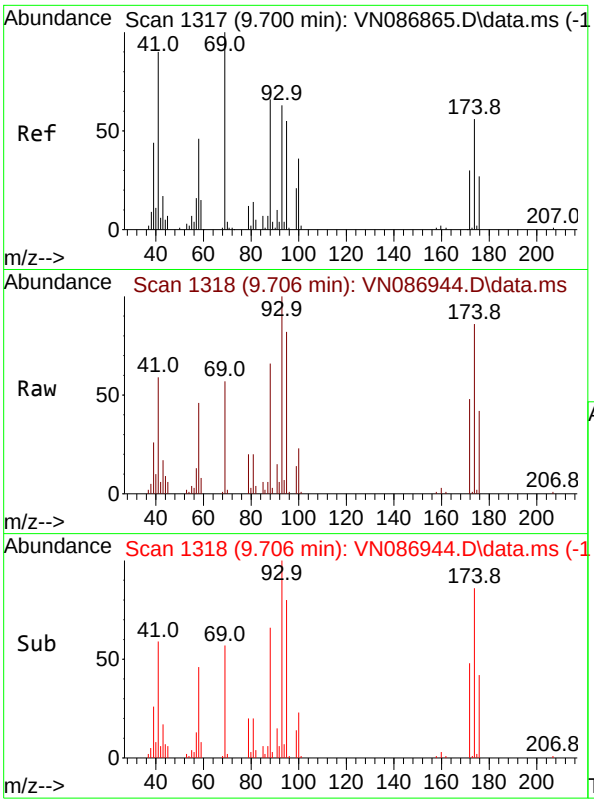


#48
Methyl methacrylate
Concen: 18.771 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 41 Resp: 57757

Ion	Ratio	Lower	Upper
41	100		
69	93.3	74.6	112.0
39	48.5	40.2	60.4



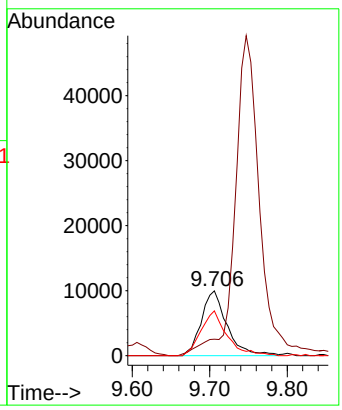


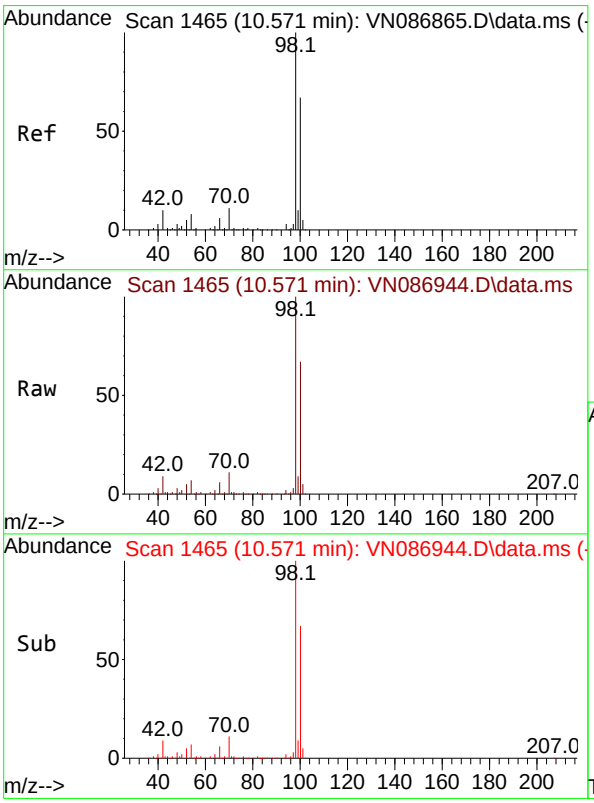
#49
1,4-Dioxane
Concen: 409.347 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 88 Resp: 22914

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	69.9	57.7	86.5

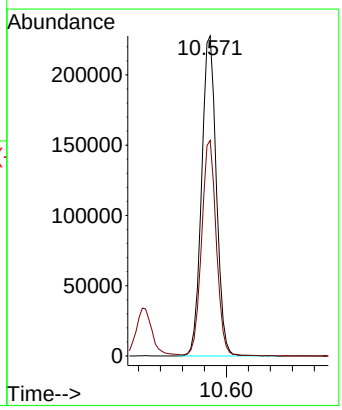


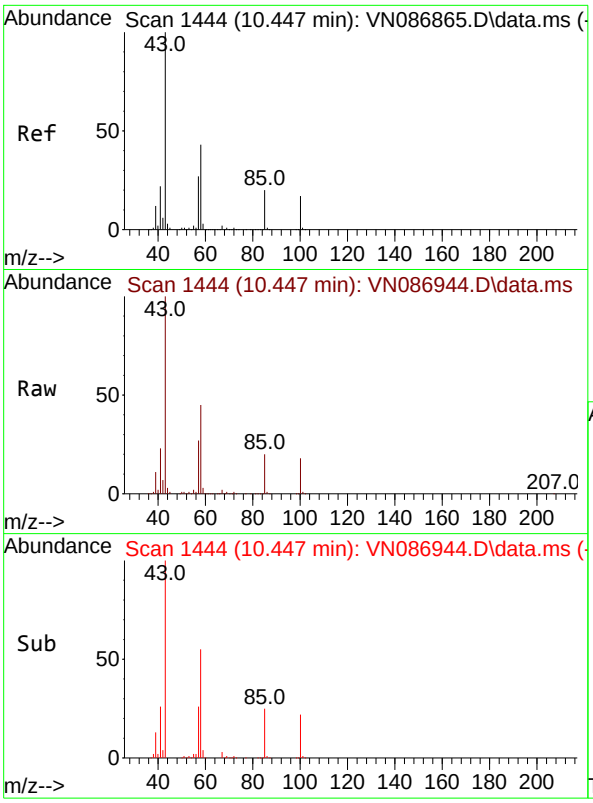


#50
Toluene-d8
Concen: 48.706 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 98 Resp: 423380

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.0



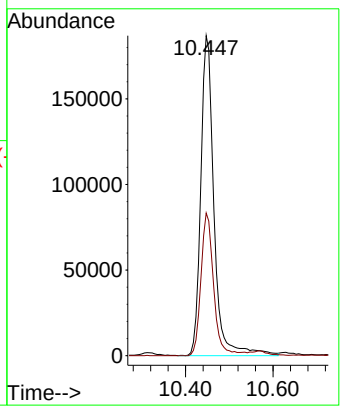


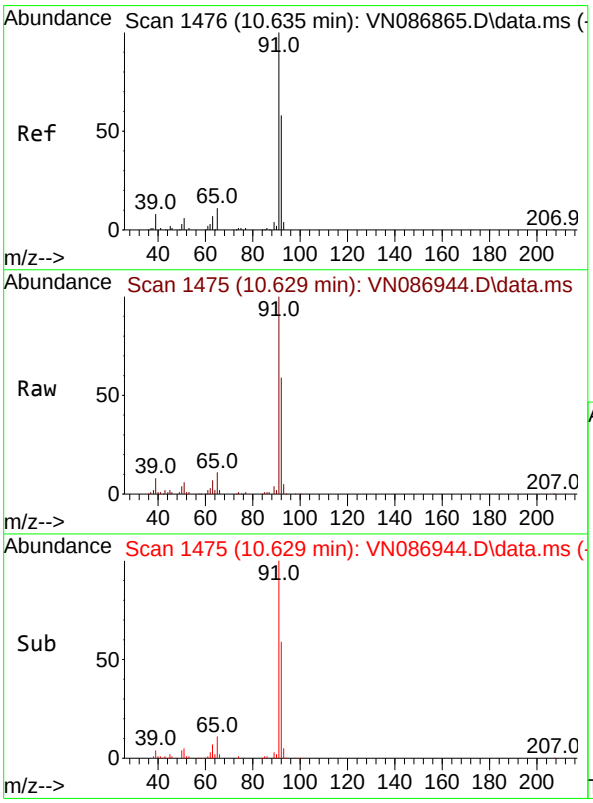
#51
4-Methyl-2-Pentanone
Concen: 97.997 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 43 Resp: 394396

Ion	Ratio	Lower	Upper
43	100		
58	42.4	34.2	51.4

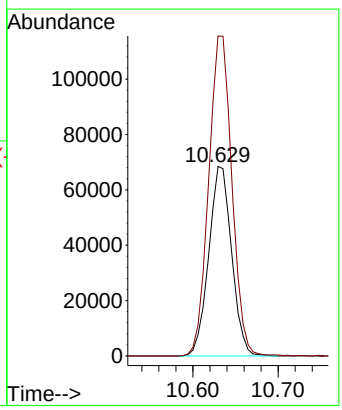


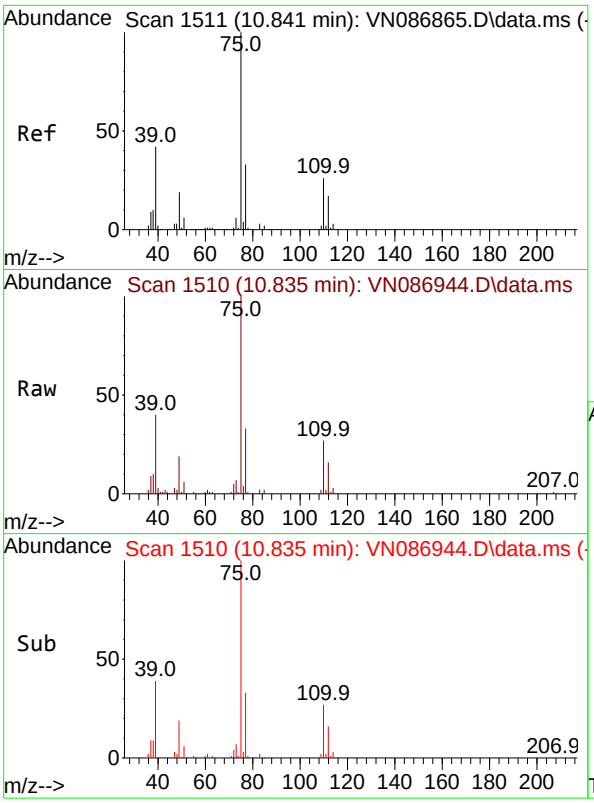


#52
Toluene
Concen: 19.509 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 92 Resp: 127563

Ion	Ratio	Lower	Upper
92	100		
91	171.7	136.5	204.7



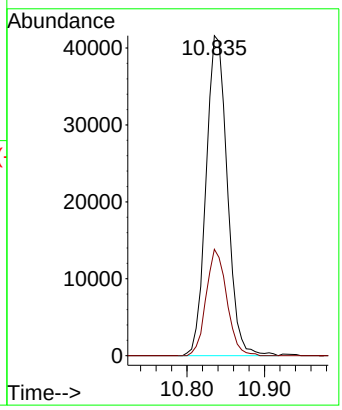


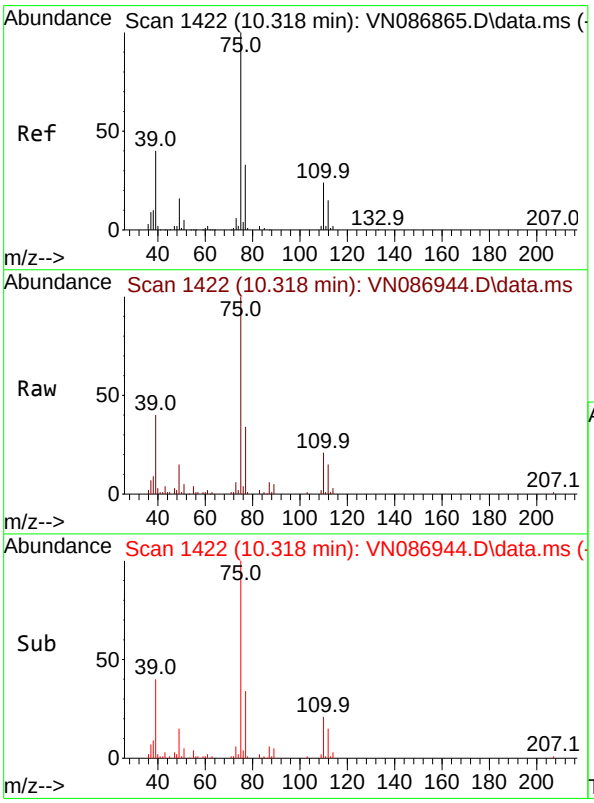
#53
t-1,3-Dichloropropene
Concen: 19.917 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 75 Resp: 79224

Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.4	39.6

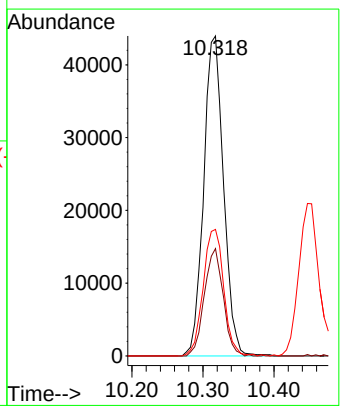


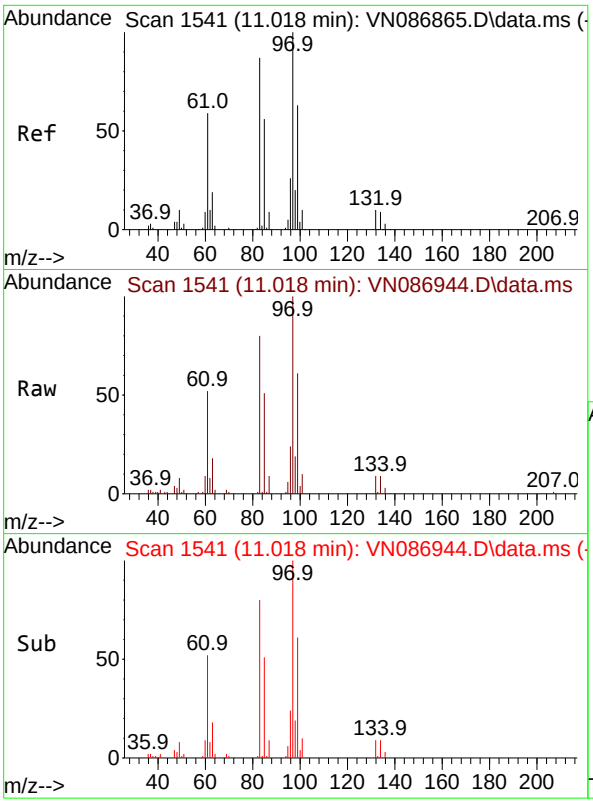


#54
cis-1,3-Dichloropropene
Concen: 20.109 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 85586

Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.2	39.4
39	39.5	32.3	48.5



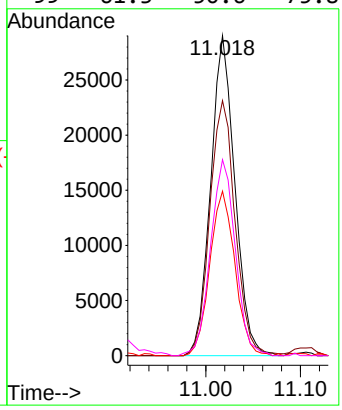


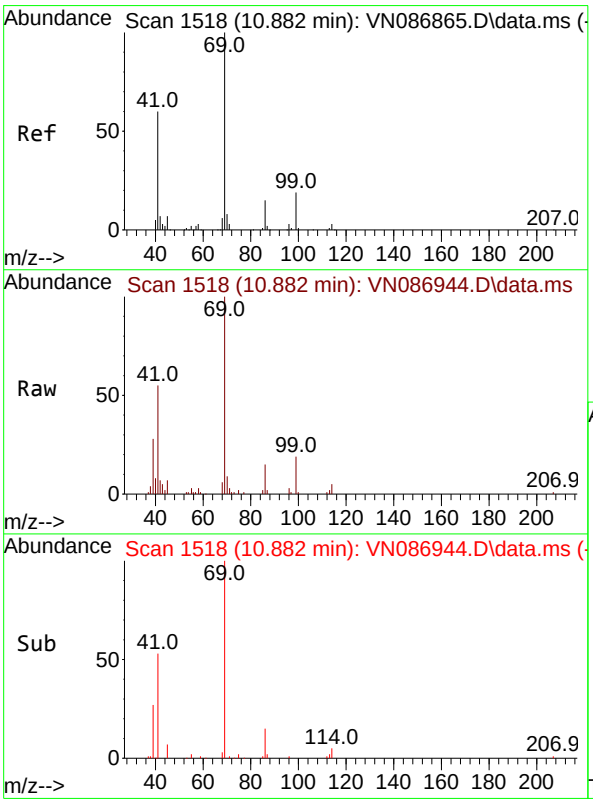
#55
1,1,2-Trichloroethane
Concen: 20.438 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 97 Resp: 51421

Ion	Ratio	Lower	Upper
97	100		
83	79.7	69.7	104.5
85	51.4	45.1	67.7
99	61.3	50.6	75.8

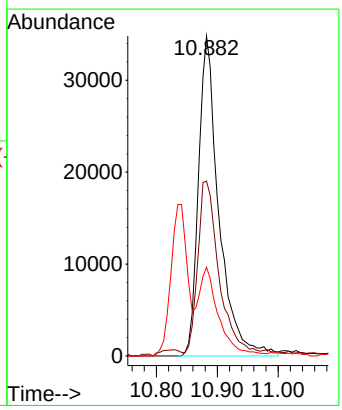


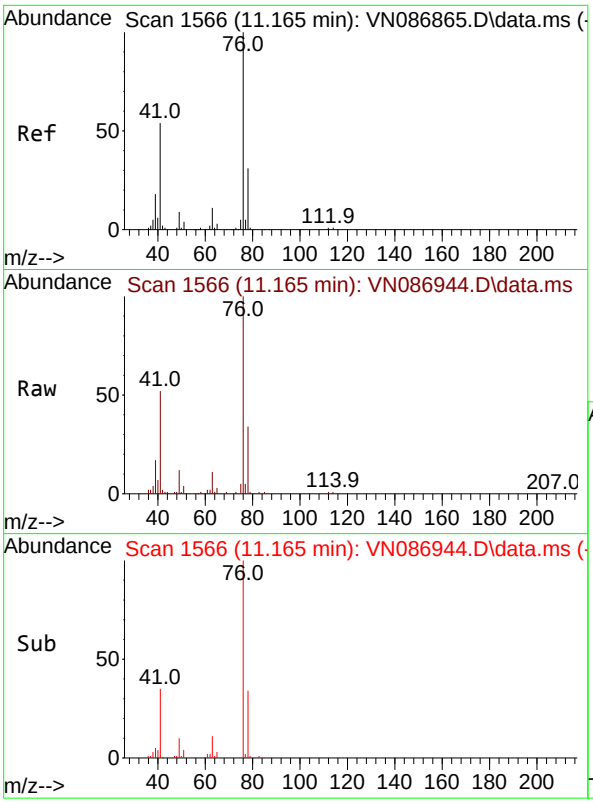


#56
Ethyl methacrylate
Concen: 20.198 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 69 Resp: 80942

Ion	Ratio	Lower	Upper
69	100		
41	55.5	47.2	70.8
39	24.3	23.0	34.6



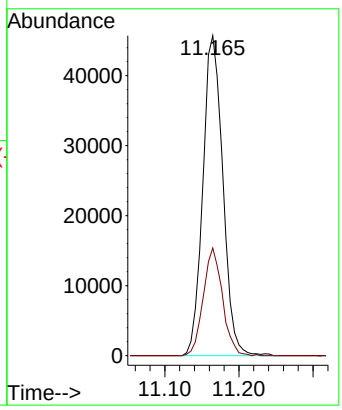


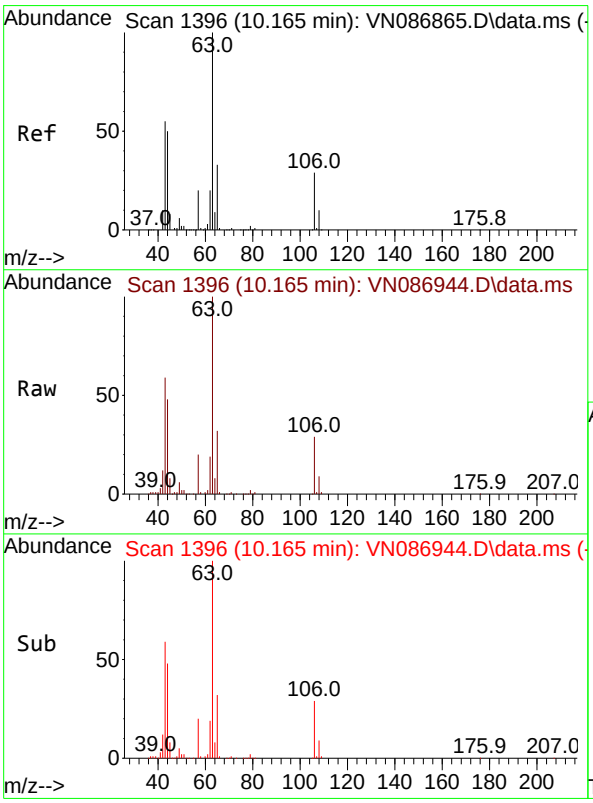
#57
1,3-Dichloropropane
Concen: 19.613 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 76 Resp: 85602

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.3	37.9

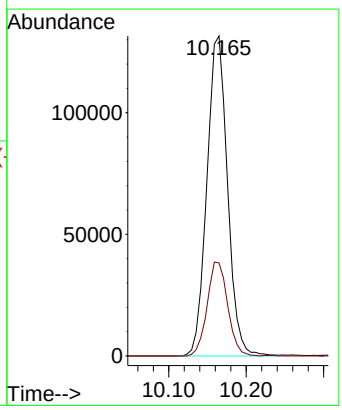


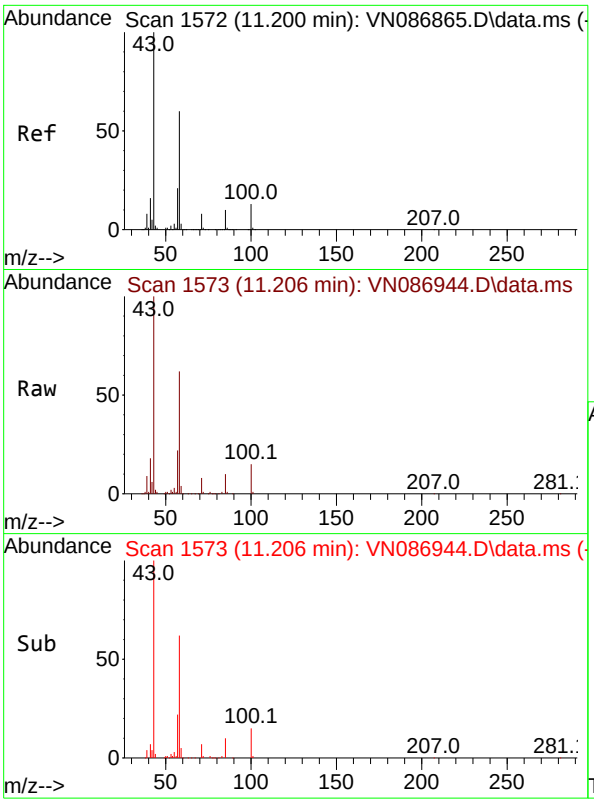


#58
2-Chloroethyl Vinyl ether
Concen: 101.910 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 63 Resp: 243584

Ion	Ratio	Lower	Upper
63	100		
106	29.2	23.0	34.6



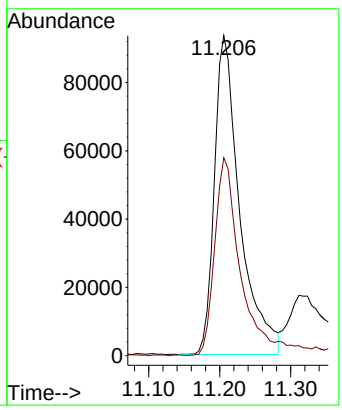


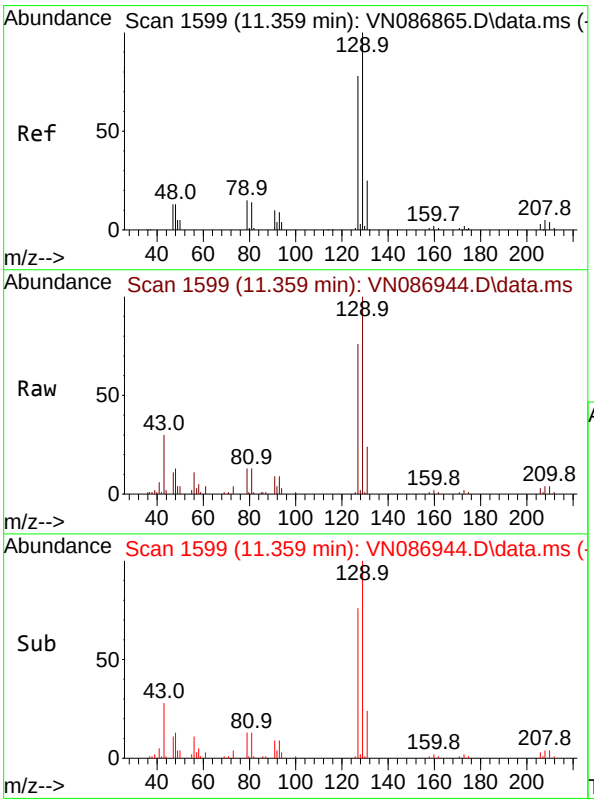
#59
2-Hexanone
Concen: 89.210 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 43 Resp: 231264

Ion	Ratio	Lower	Upper
43	100		
58	65.0	30.4	91.3

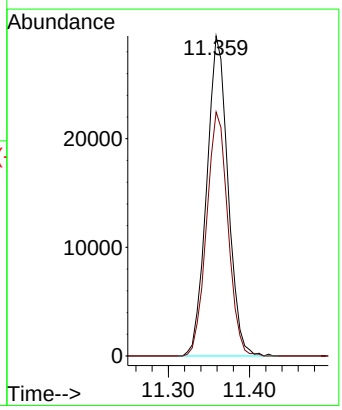


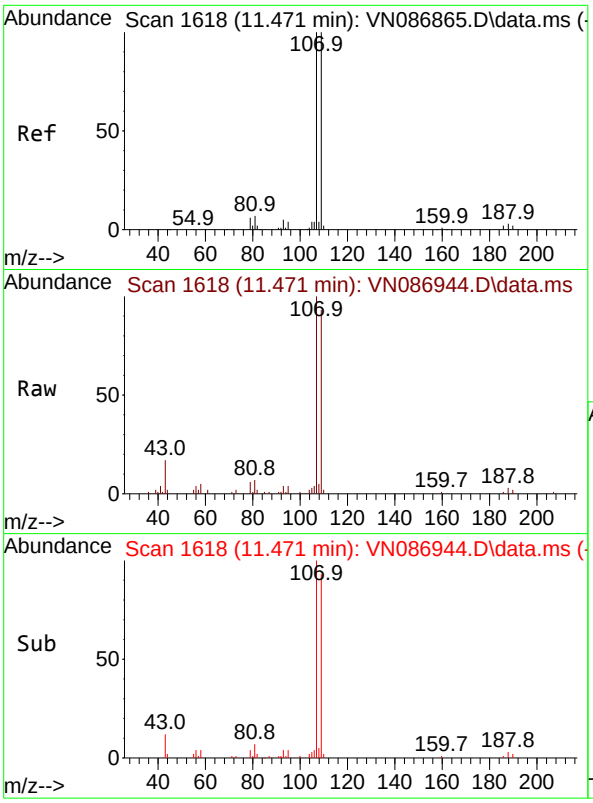


#60
Dibromochloromethane
Concen: 20.468 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:129 Resp: 53655

Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.6	115.8



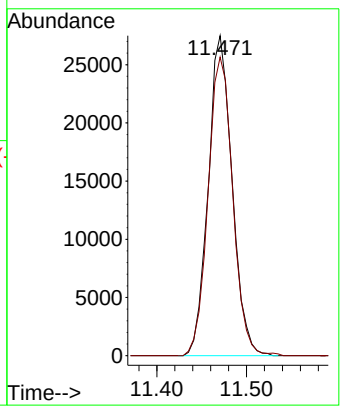


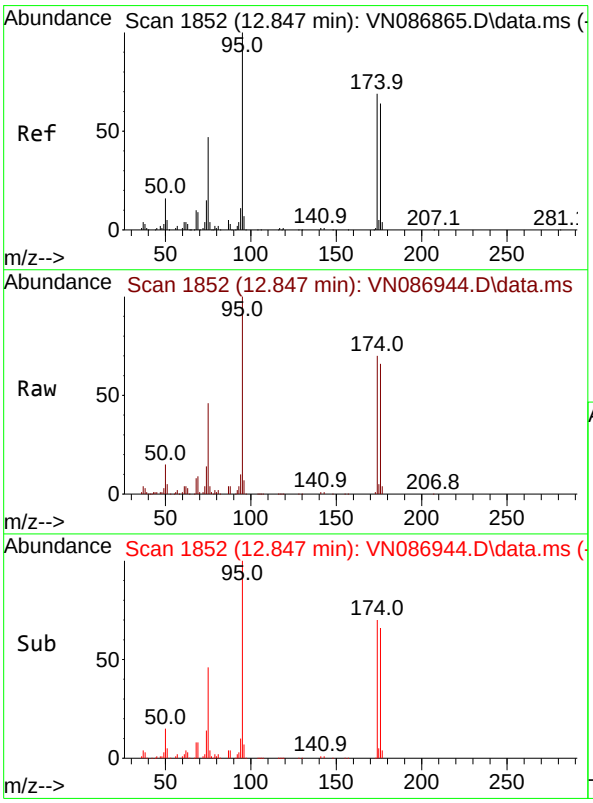
#61
1,2-Dibromoethane
Concen: 19.711 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:107 Resp: 50832

Ion	Ratio	Lower	Upper
107	100		
109	96.3	76.3	114.5

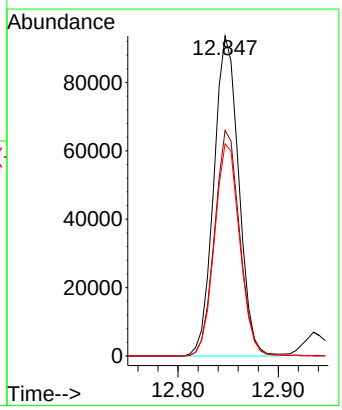


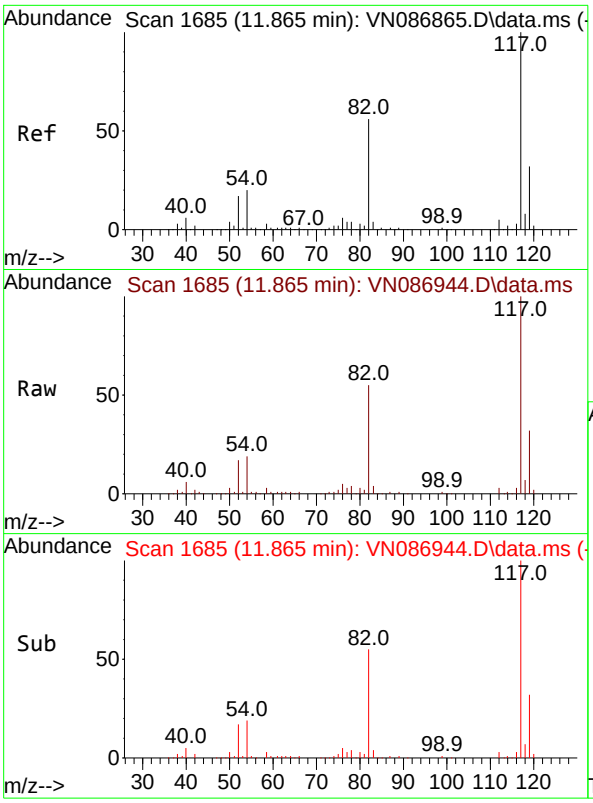


#62
4-Bromofluorobenzene
Concen: 49.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 95 Resp: 161321

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	141.8
176	67.2	0.0	132.6



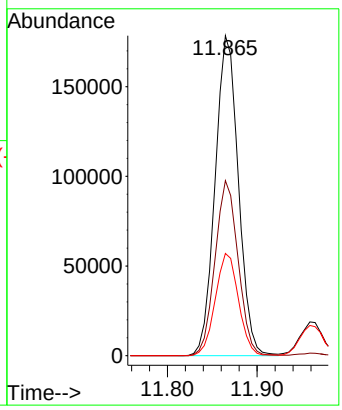


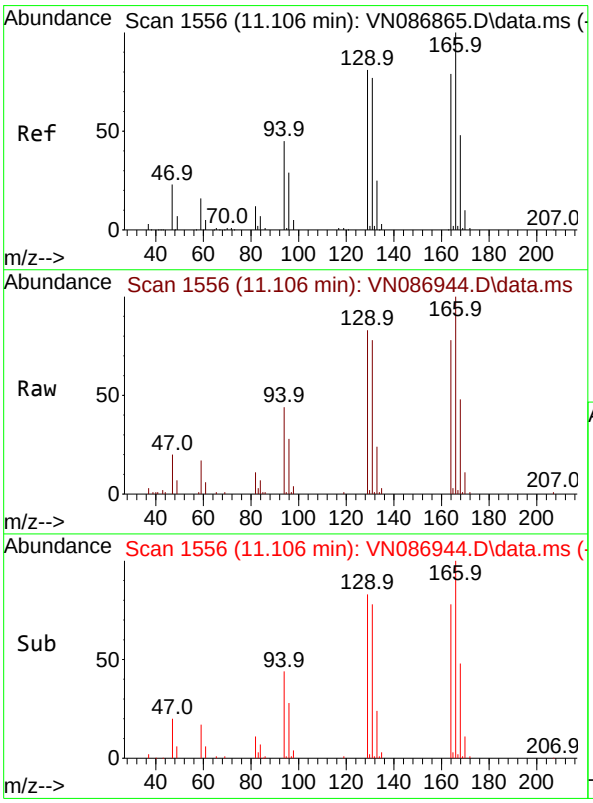
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:117 Resp: 321188

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.6	67.0
119	31.9	25.5	38.3

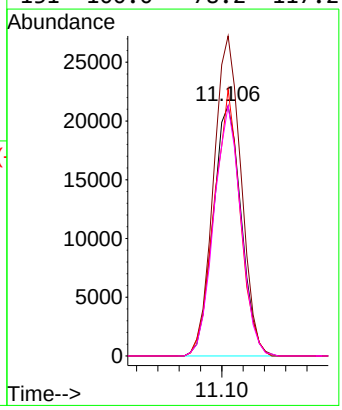


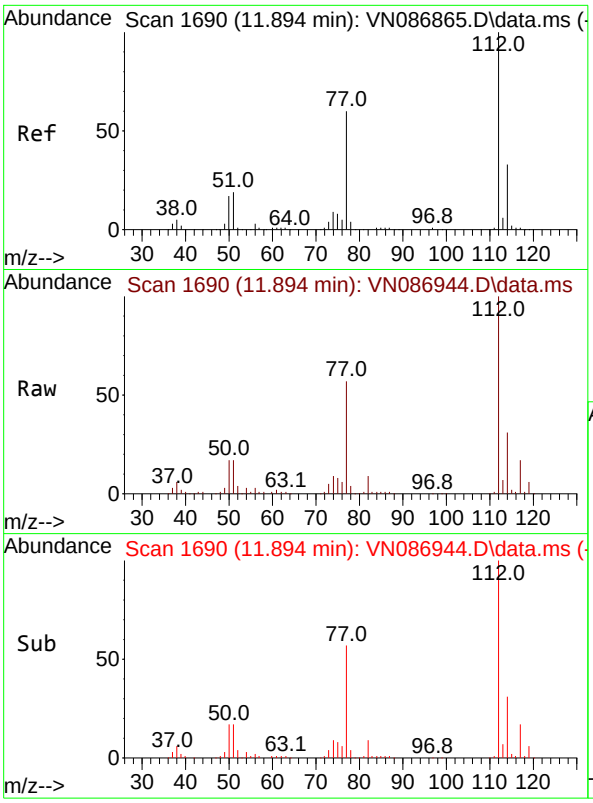


#64
Tetrachloroethene
Concen: 19.150 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:164 Resp: 38926

Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.8	152.8
129	106.5	83.0	124.4
131	100.0	78.2	117.2



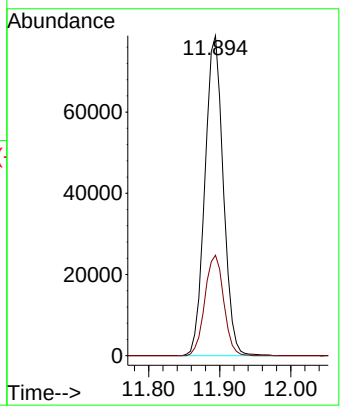


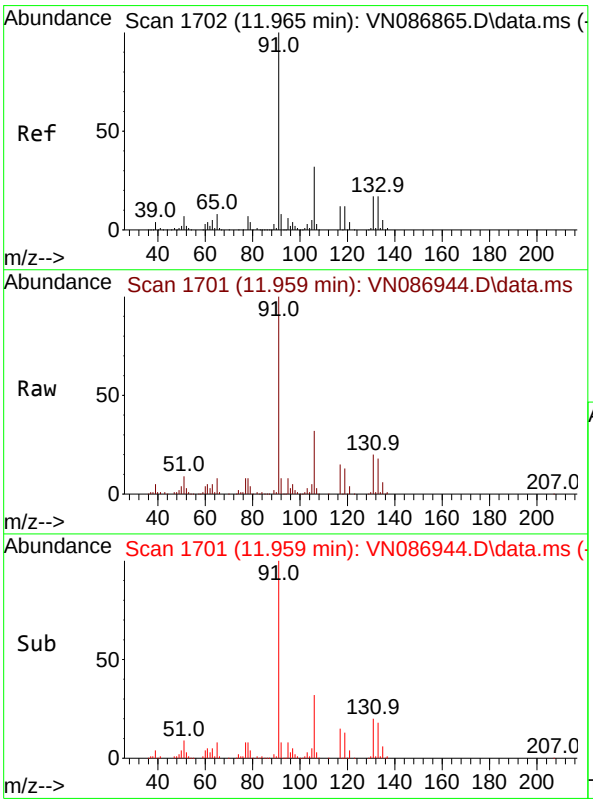
#65
Chlorobenzene
Concen: 20.006 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:112 Resp: 141721

Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.2	39.2

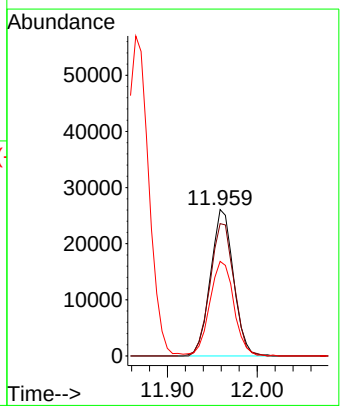


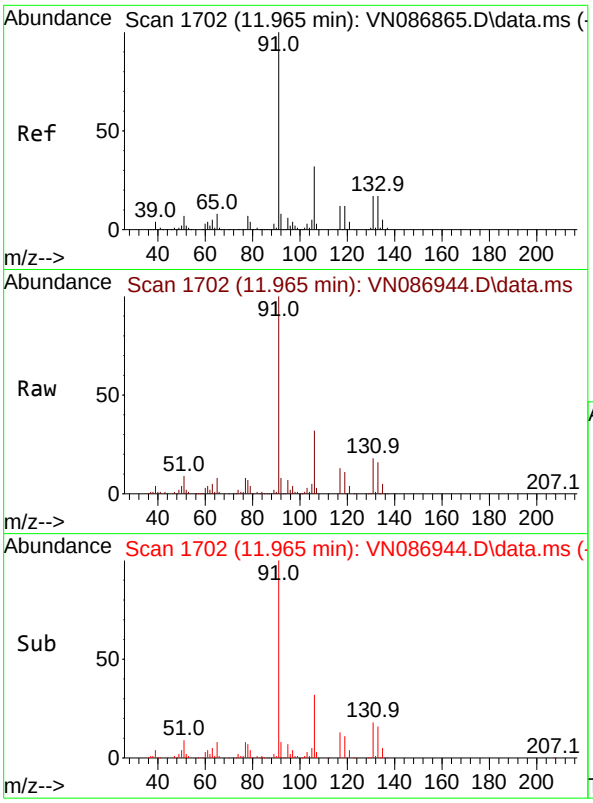


#66
1,1,1,2-Tetrachloroethane
Concen: 20.378 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:131 Resp: 46404

Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.3	144.8
119	68.0	34.0	101.8



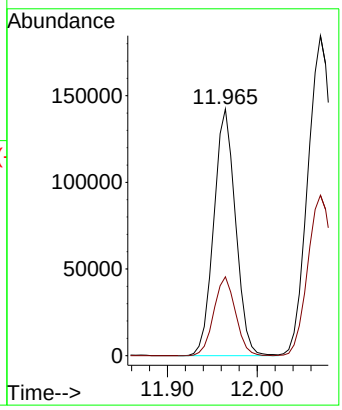


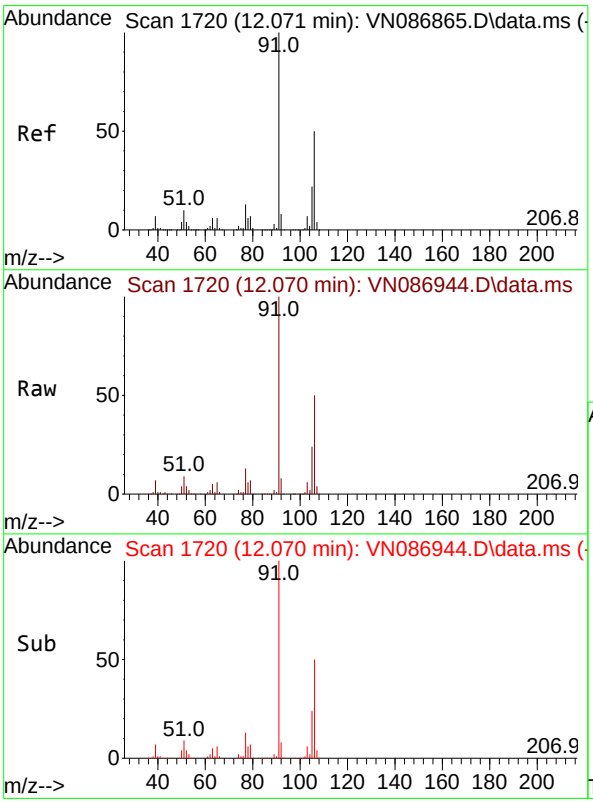
#67
Ethyl Benzene
Concen: 19.647 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 91 Resp: 239733

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.4	38.2

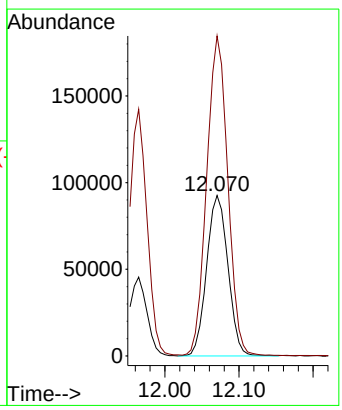


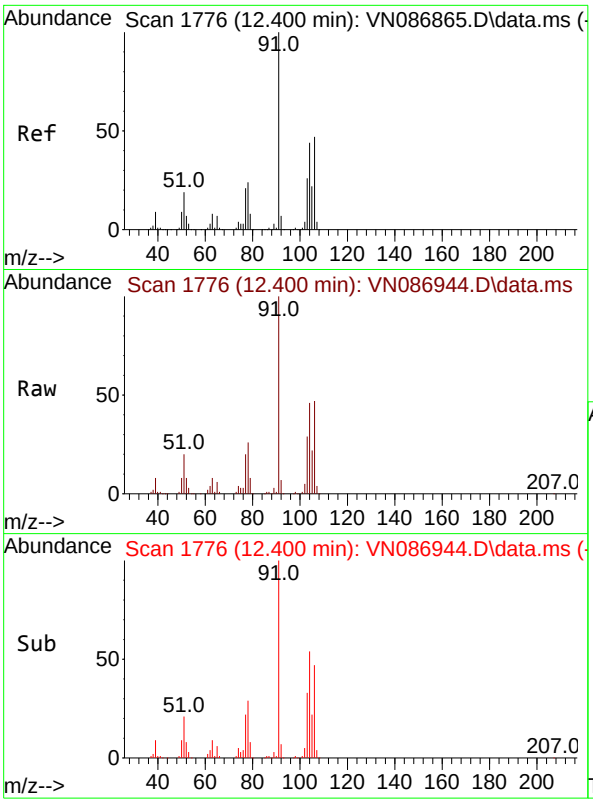


#68
m/p-Xylenes
Concen: 39.613 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:106 Resp: 185026

Ion	Ratio	Lower	Upper
106	100		
91	197.2	159.4	239.0



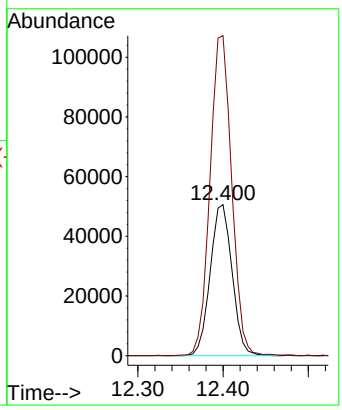


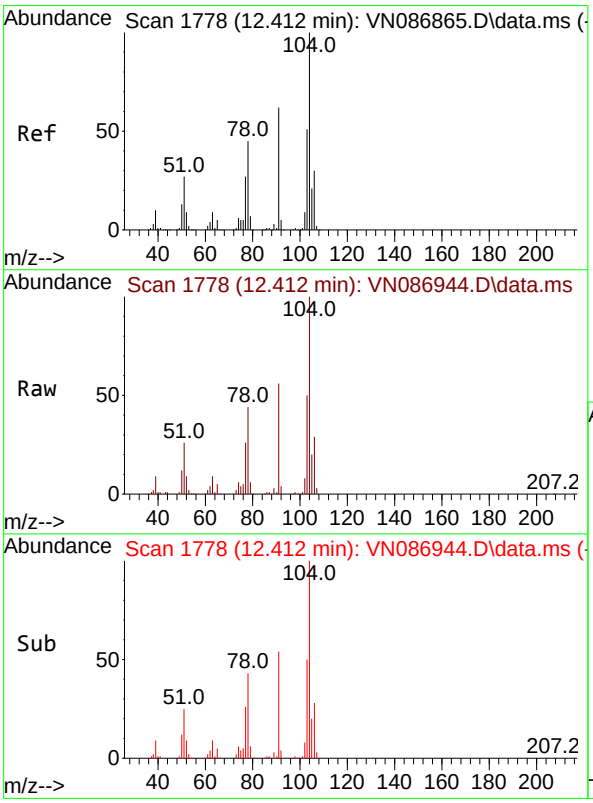
#69
o-Xylene
Concen: 20.172 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:106 Resp: 90240

Ion	Ratio	Lower	Upper
106	100		
91	210.1	106.1	318.1

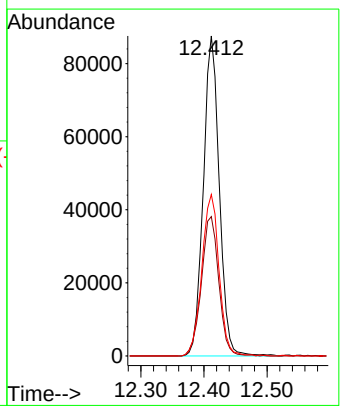


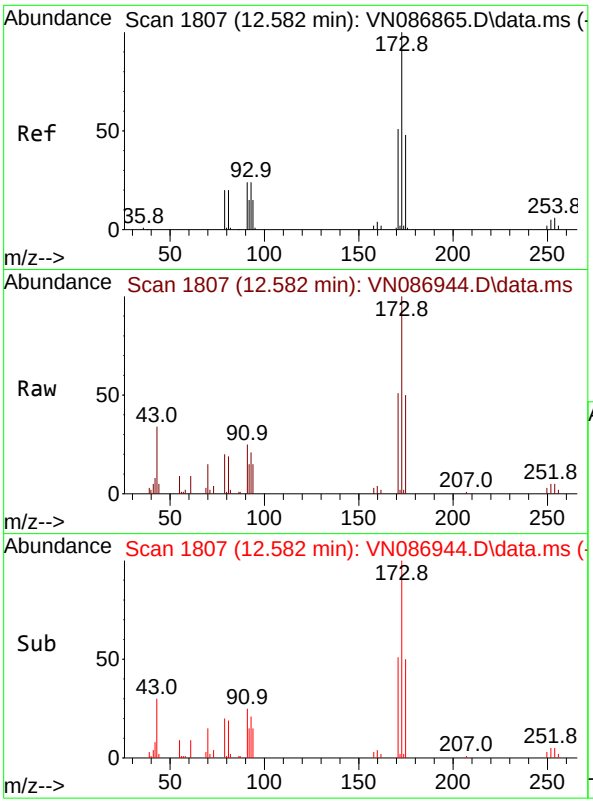


#70
Styrene
Concen: 20.137 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:104 Resp: 154149

Ion	Ratio	Lower	Upper
104	100		
78	47.5	38.5	57.7
103	54.3	43.1	64.7



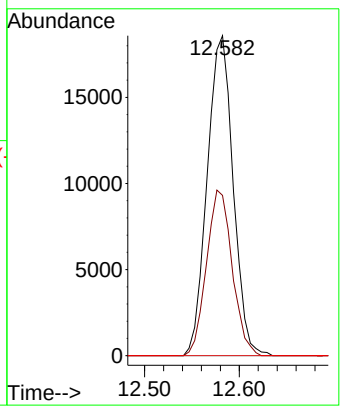


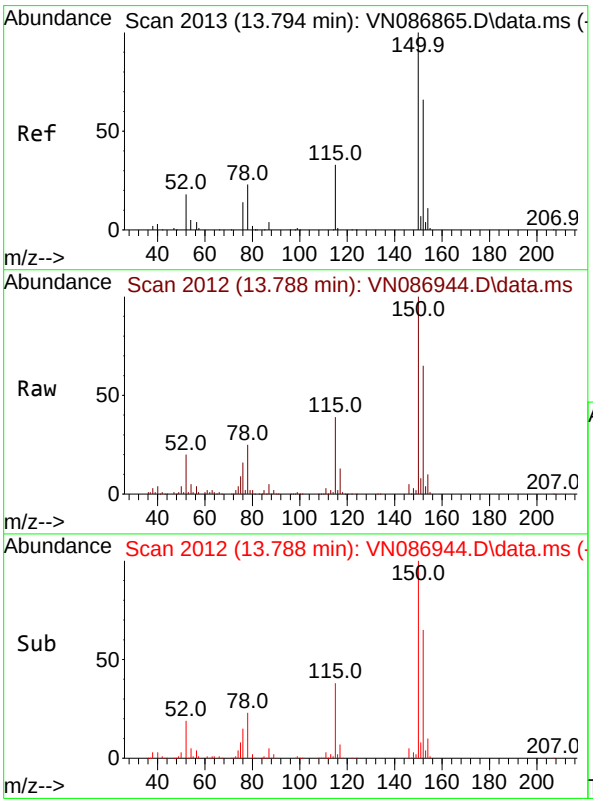
#71
Bromoform
Concen: 20.952 ug/l
RT: 12.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:173 Resp: 35350

Ion	Ratio	Lower	Upper
173	100		
175	51.2	24.1	72.4
254	0.0	0.0	0.0

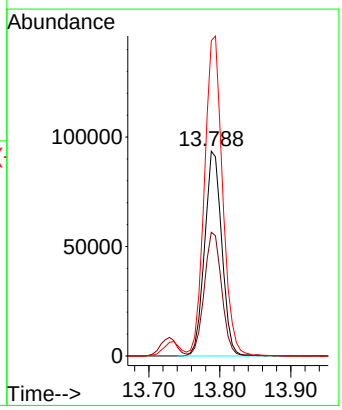


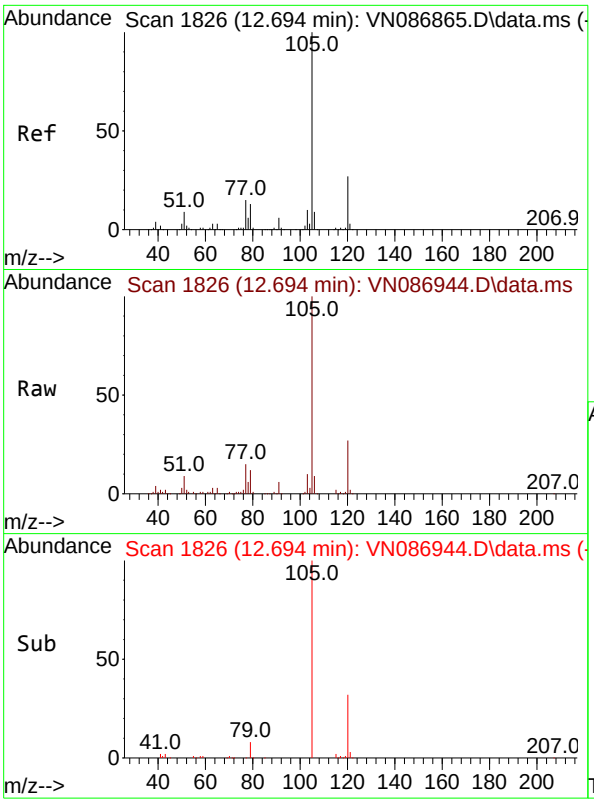


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:152 Resp: 157403

Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.1	90.5
150	164.6	0.0	345.0



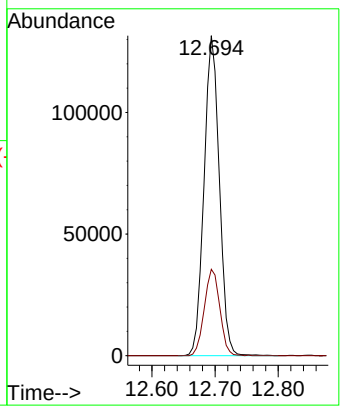


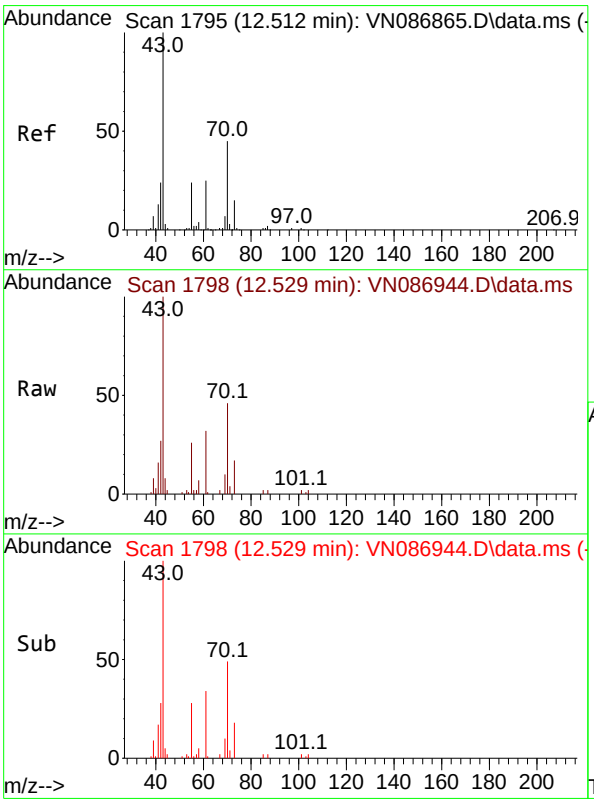
#73
Isopropylbenzene
Concen: 19.320 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:105 Resp: 221545

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.4

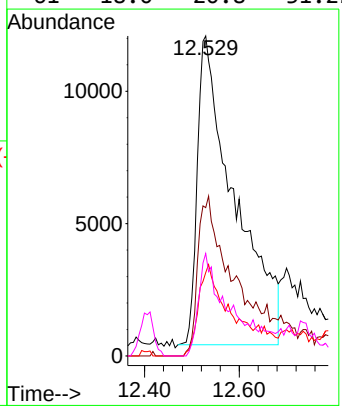


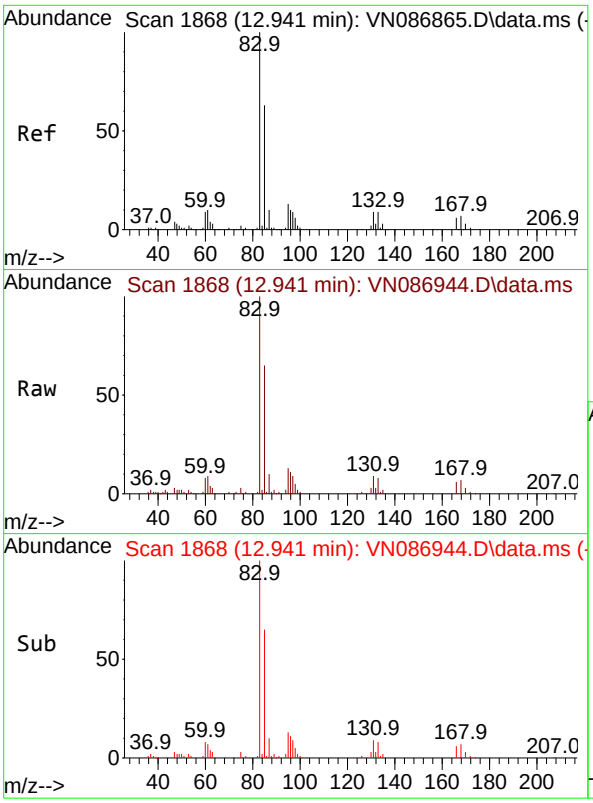


#74
N-amyl acetate
Concen: 15.794 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.017 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 43 Resp: 63289

Ion	Ratio	Lower	Upper
43	100		
70	34.9	37.6	56.4#
55	19.9	19.0	28.6
61	18.0	20.8	31.2#



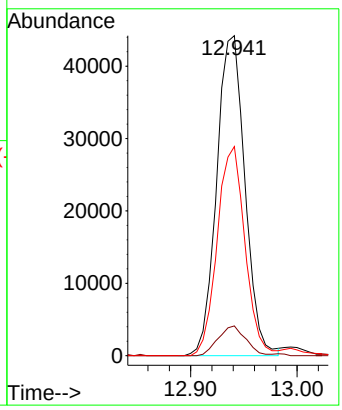


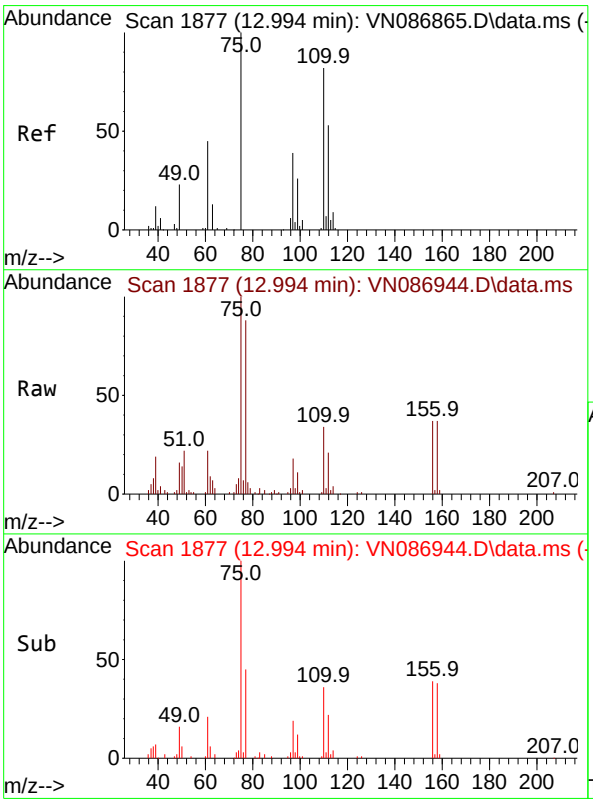
#75
1,1,2,2-Tetrachloroethane
Concen: 20.973 ug/l
RT: 12.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 83 Resp: 81476

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.9	14.7
85	64.3	32.0	96.0

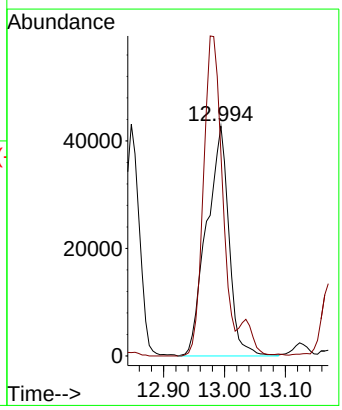


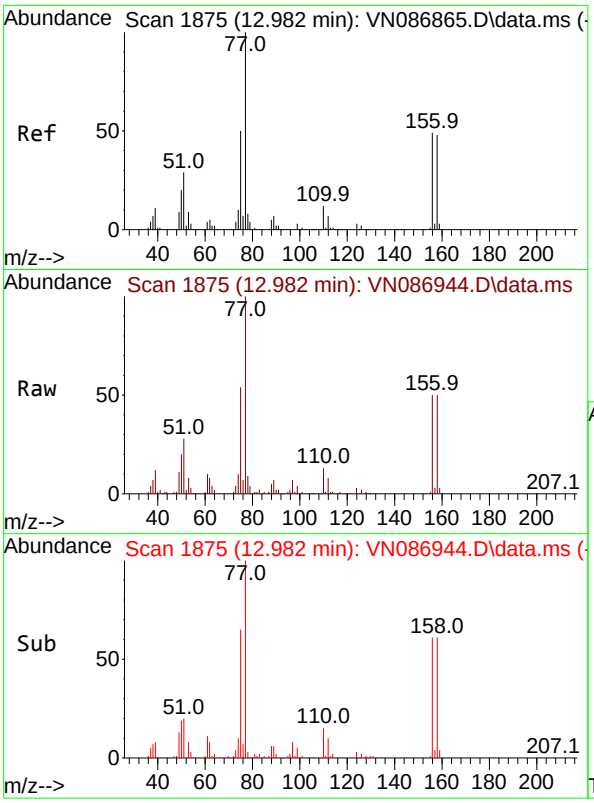


#76
1,2,3-Trichloropropane
Concen: 29.090 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 108842

Ion	Ratio	Lower	Upper
75	100		
77	116.8	79.3	237.9



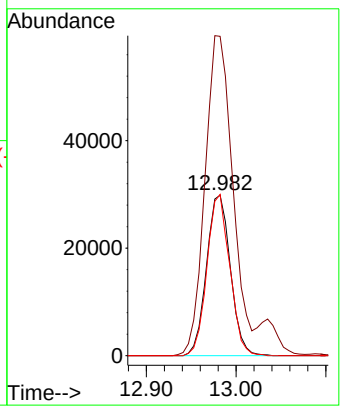


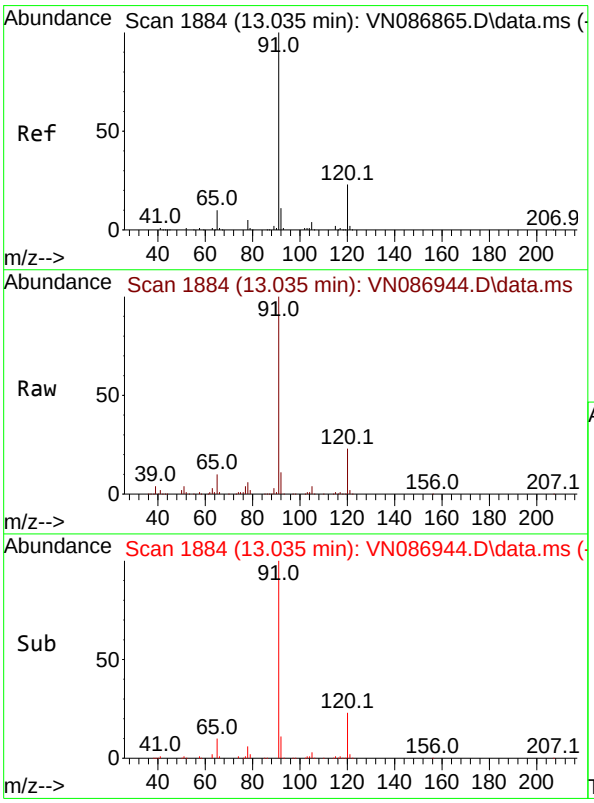
#77
Bromobenzene
Concen: 20.981 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:156 Resp: 55176

Ion	Ratio	Lower	Upper
156	100		
77	230.4	117.7	353.1
158	95.7	48.1	144.4

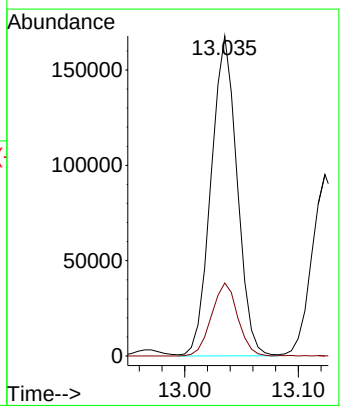


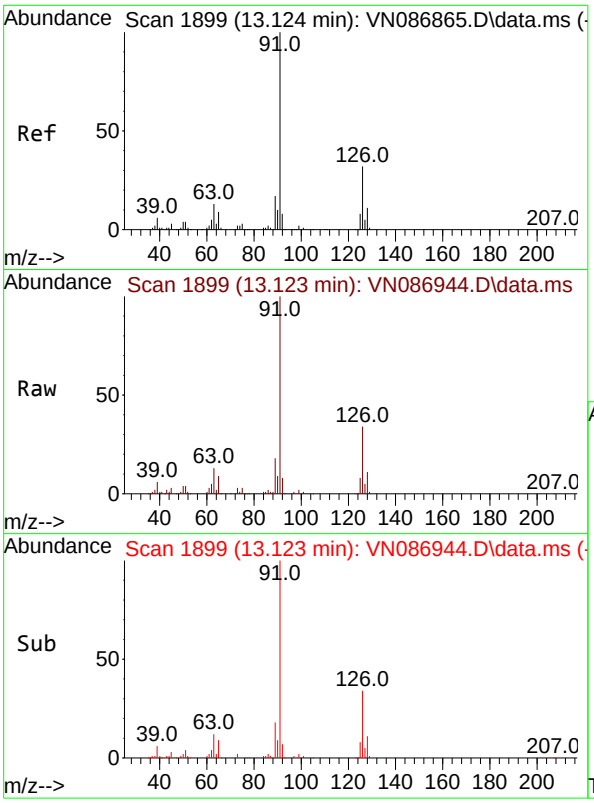


#78
n-propylbenzene
Concen: 19.187 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 91 Resp: 267384

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2



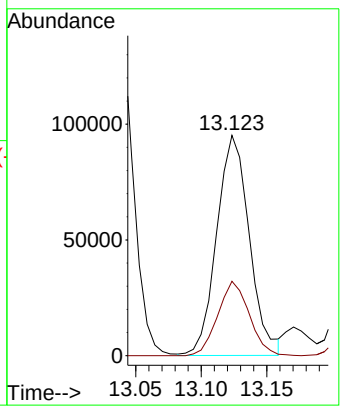


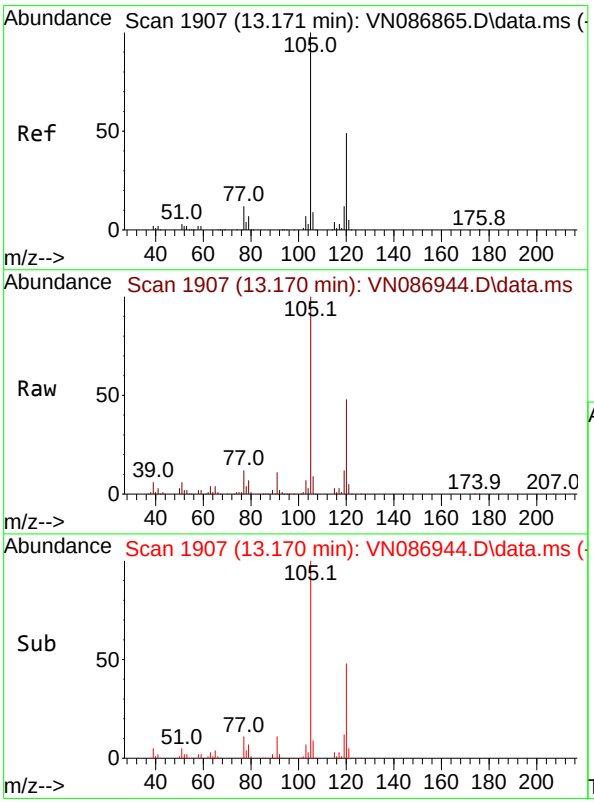
#79
2-Chlorotoluene
Concen: 19.721 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 91 Resp: 164813

Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.2	48.5

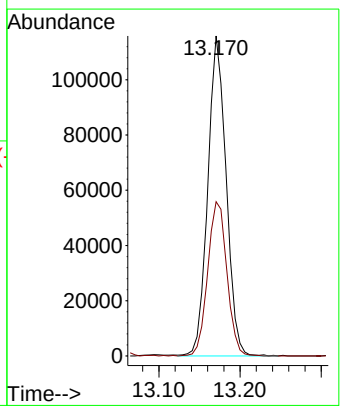


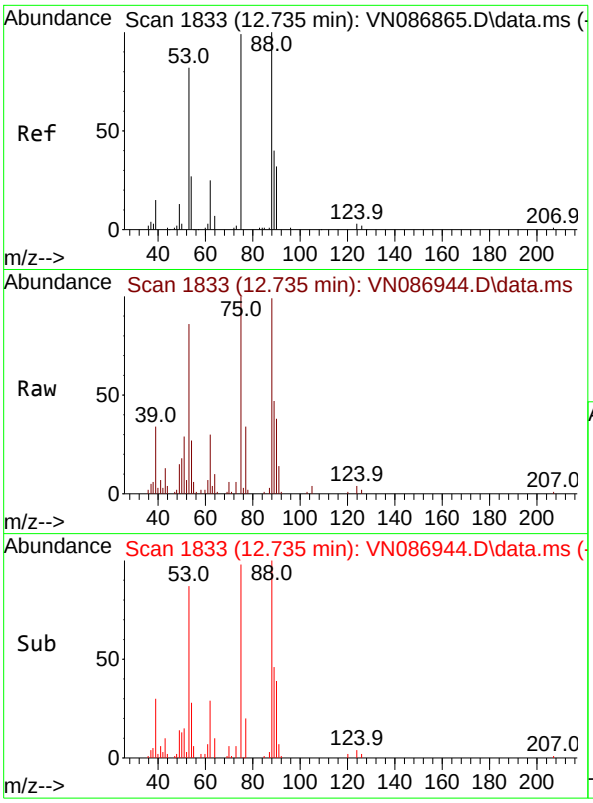


#80
1,3,5-Trimethylbenzene
Concen: 19.200 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:105 Resp: 181773

Ion	Ratio	Lower	Upper
105	100		
120	50.4	24.9	74.6



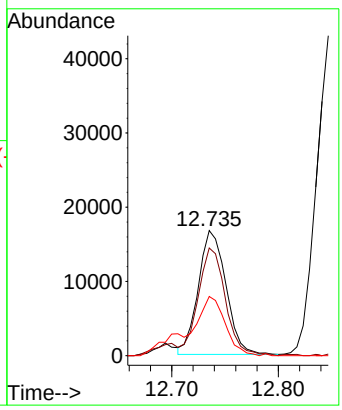


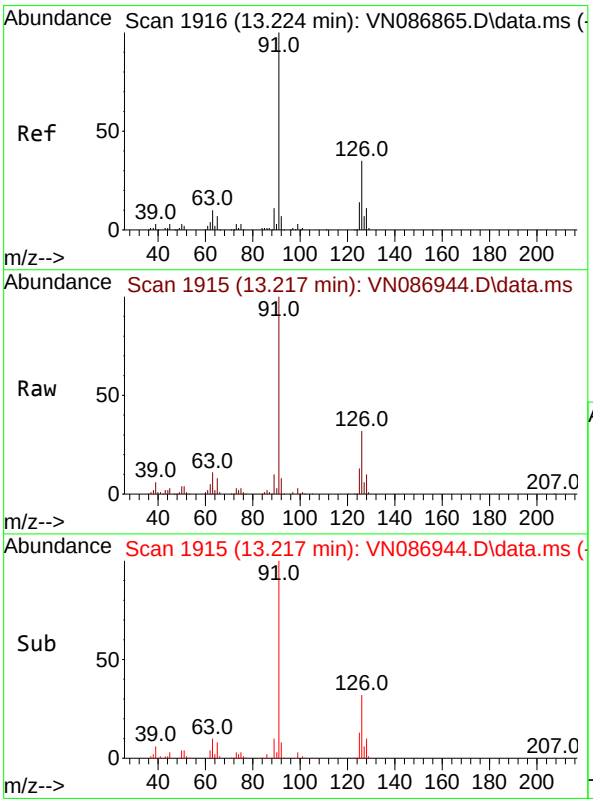
#81
trans-1,4-Dichloro-2-butene
Concen: 18.532 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 75 Resp: 30121

Ion	Ratio	Lower	Upper
75	100		
53	94.2	66.6	99.8
89	63.9	36.7	55.1#

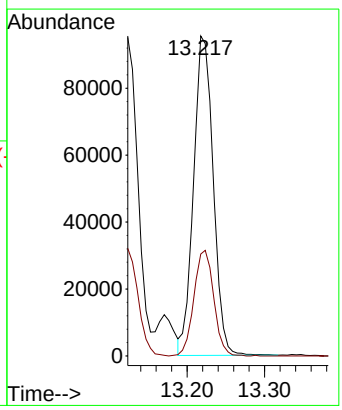


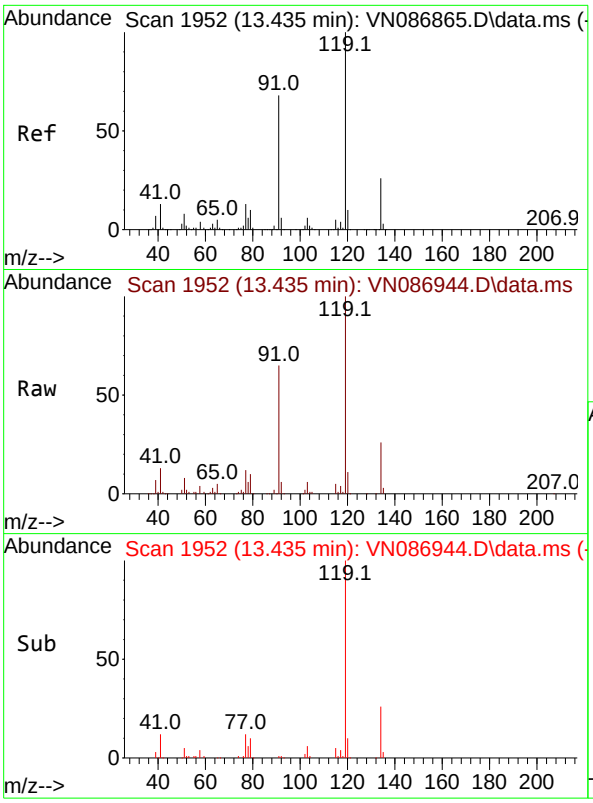


#82
4-Chlorotoluene
Concen: 19.866 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 91 Resp: 167991

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.7	50.1



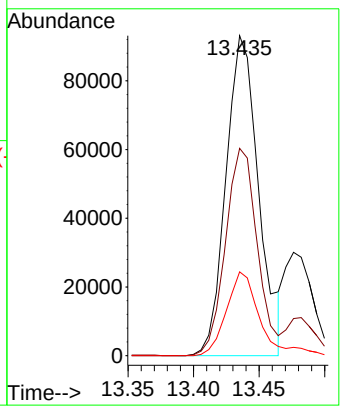


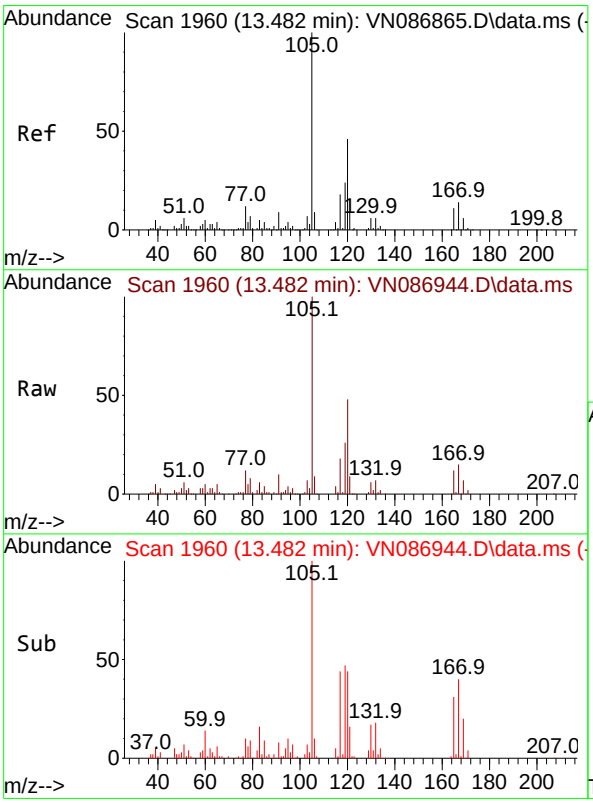
#83
tert-Butylbenzene
Concen: 18.646 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:119 Resp: 161593

Ion	Ratio	Lower	Upper
119	100		
91	63.1	32.1	96.5
134	26.9	13.4	40.1

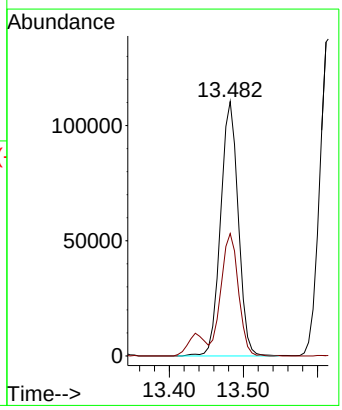


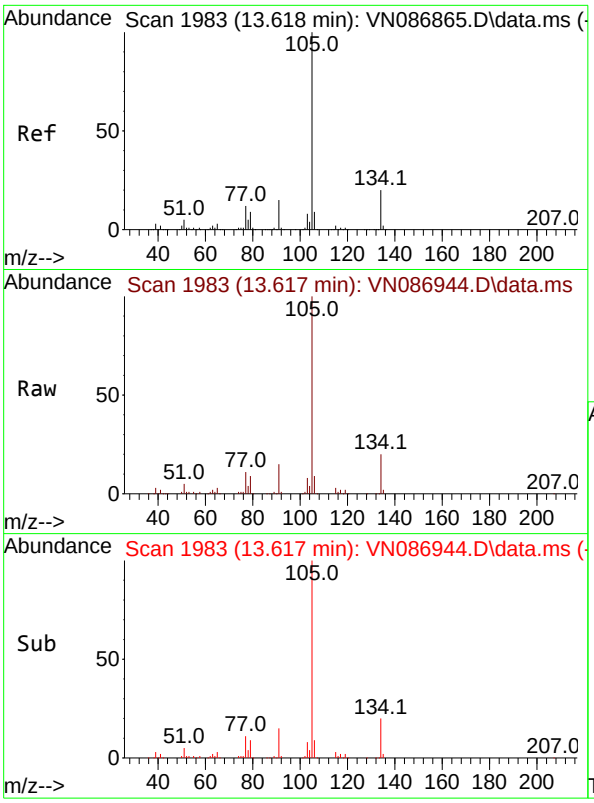


#84
1,2,4-Trimethylbenzene
Concen: 19.216 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:105 Resp: 182431

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.2	69.6



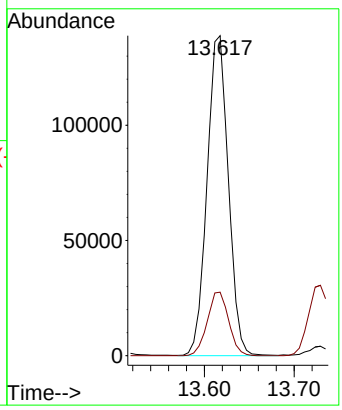


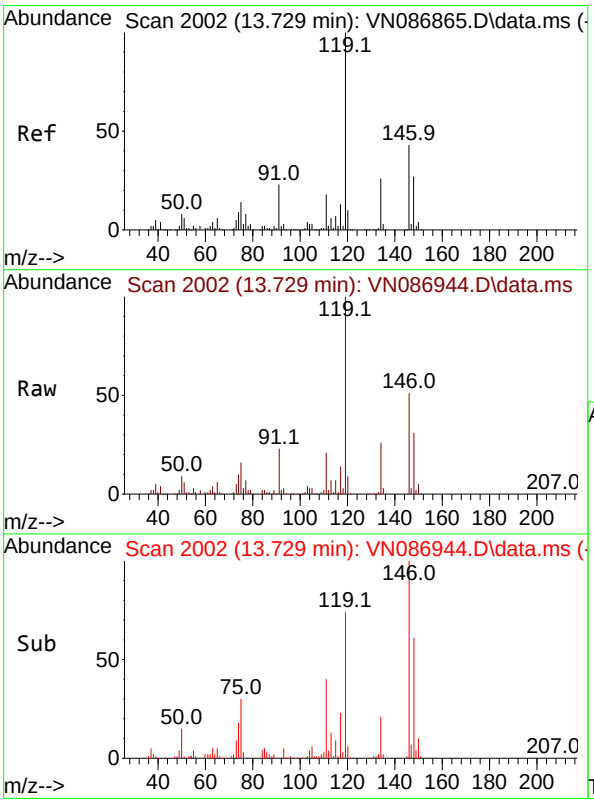
#85
sec-Butylbenzene
Concen: 18.189 ug/l
RT: 13.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:105 Resp: 228907

Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.0	30.0

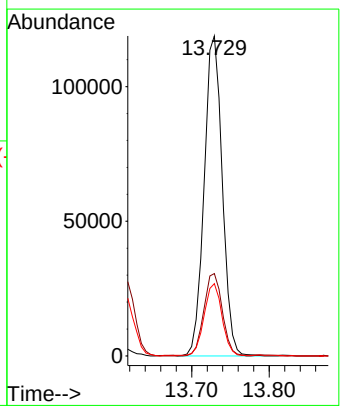


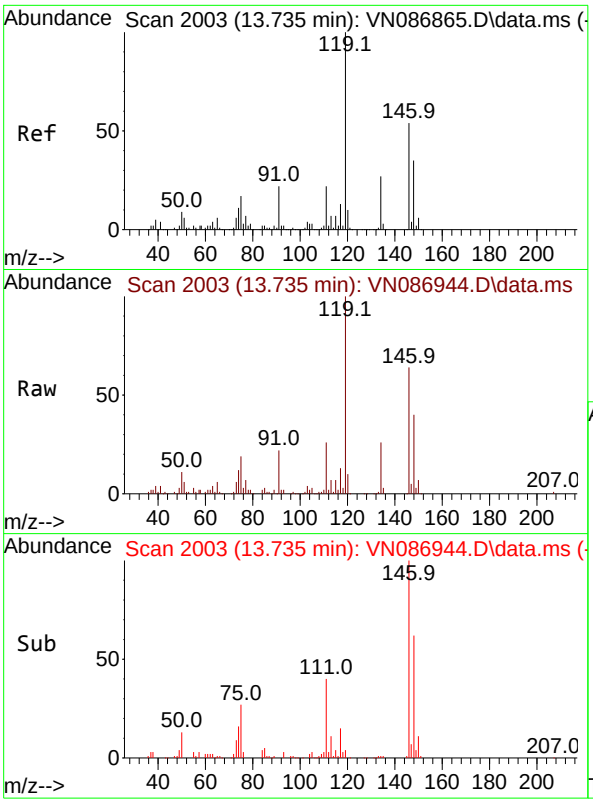


#86
p-Isopropyltoluene
Concen: 18.551 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:119 Resp: 192991

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.4
91	22.1	11.5	34.4



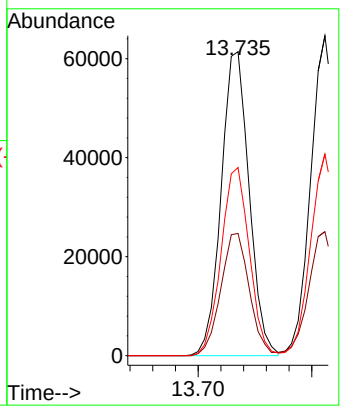


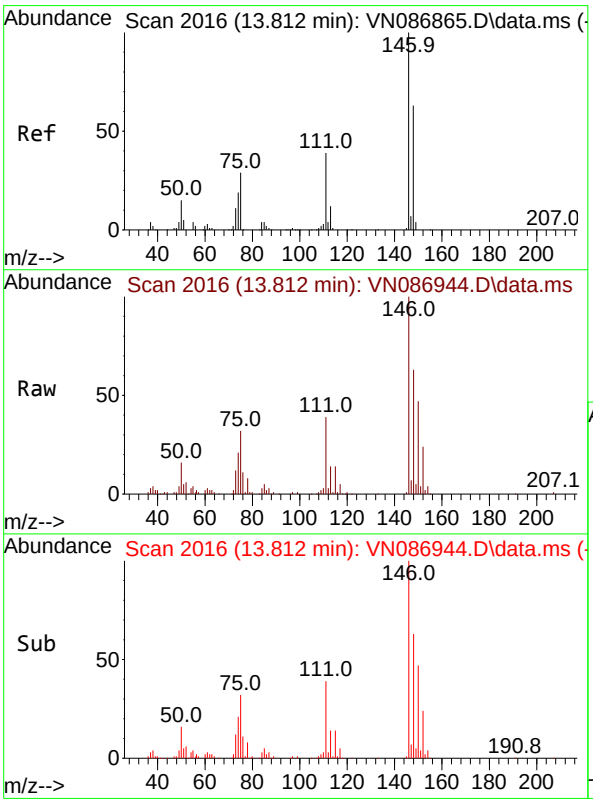
#87
1,3-Dichlorobenzene
Concen: 20.271 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:146 Resp: 104883

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.9	62.8
148	62.6	32.0	96.2

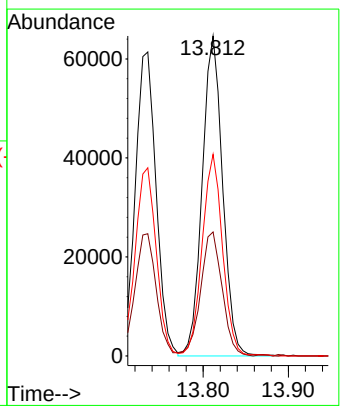


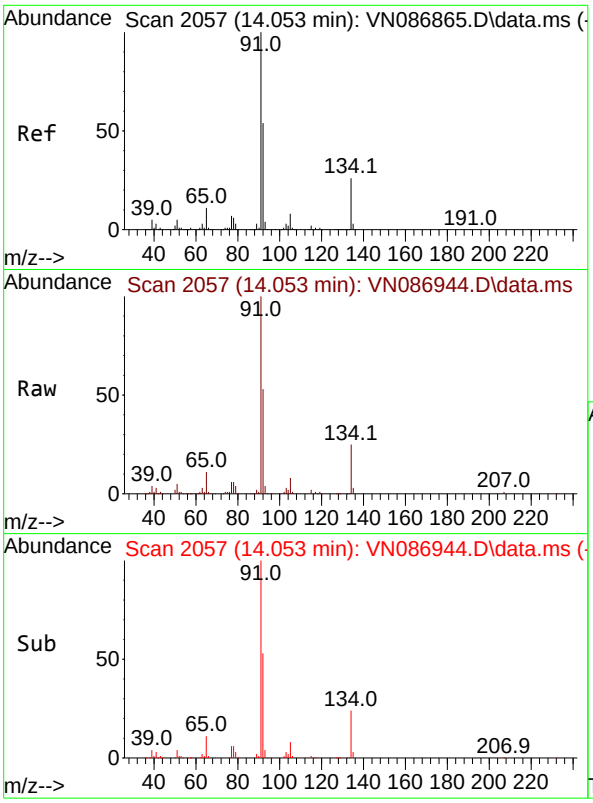


#88
1,4-Dichlorobenzene
Concen: 20.426 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:146 Resp: 107750

Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	63.1	31.8	95.4



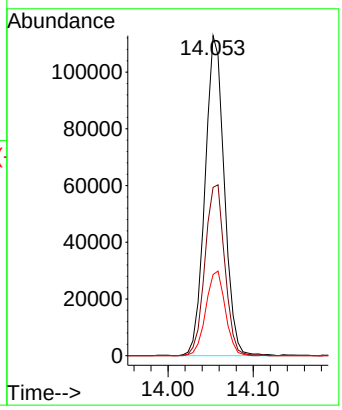


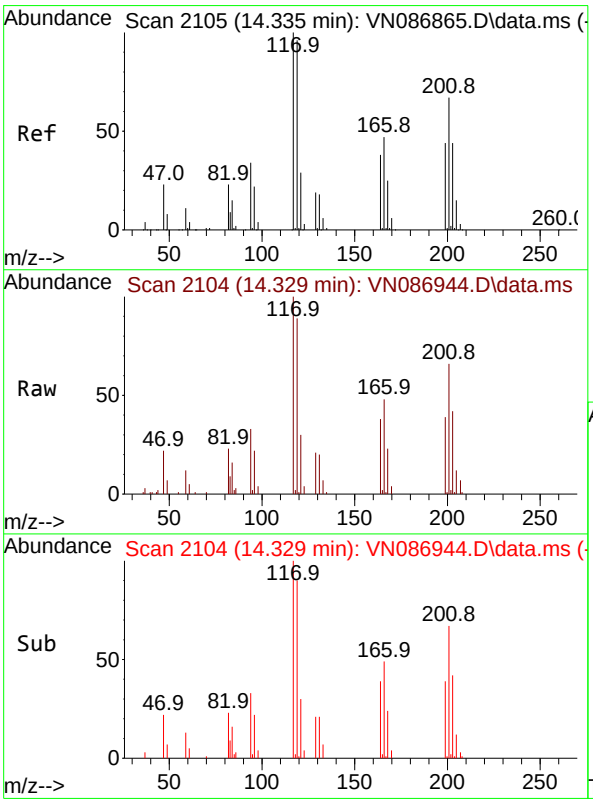
#89
n-Butylbenzene
Concen: 17.613 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 91 Resp: 177482

Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	26.7	13.0	39.0

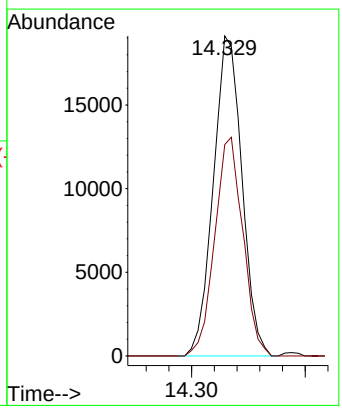


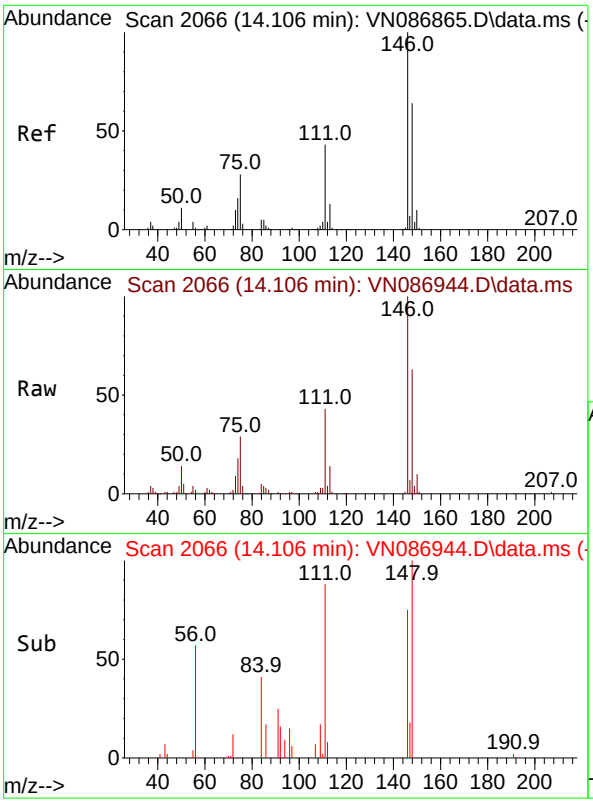


#90
Hexachloroethane
Concen: 18.972 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:117 Resp: 33456

Ion	Ratio	Lower	Upper
117	100		
201	67.1	33.2	99.6



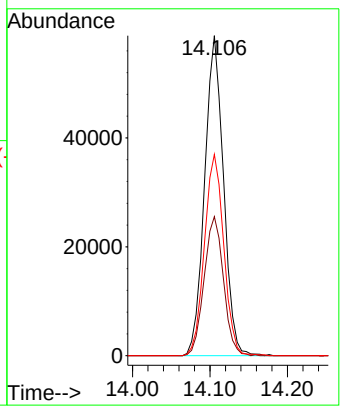


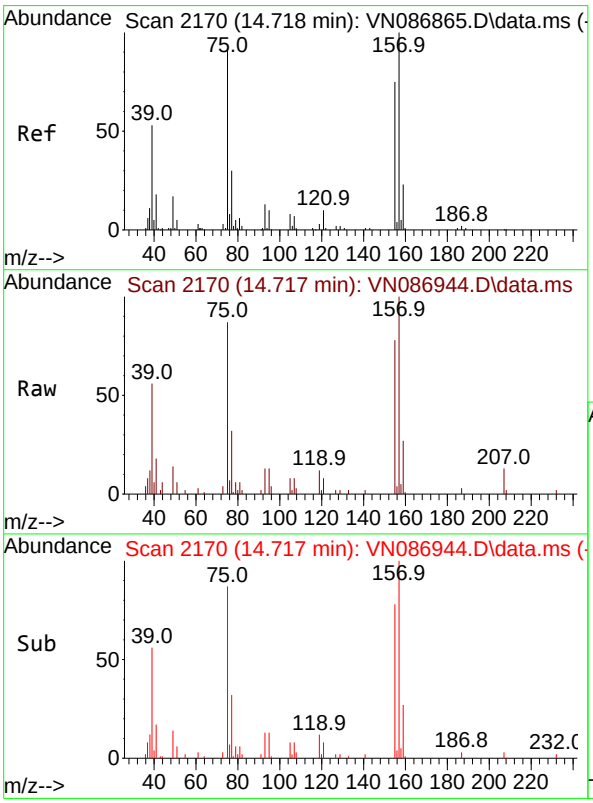
#91
1,2-Dichlorobenzene
Concen: 19.995 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:146 Resp: 99394

Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.6	64.6
148	64.5	31.7	95.1

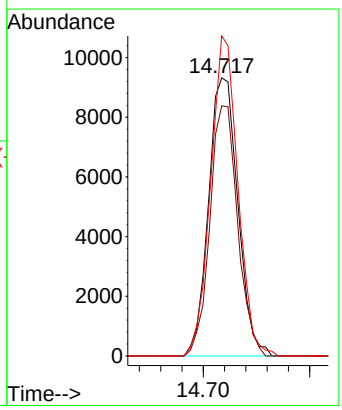


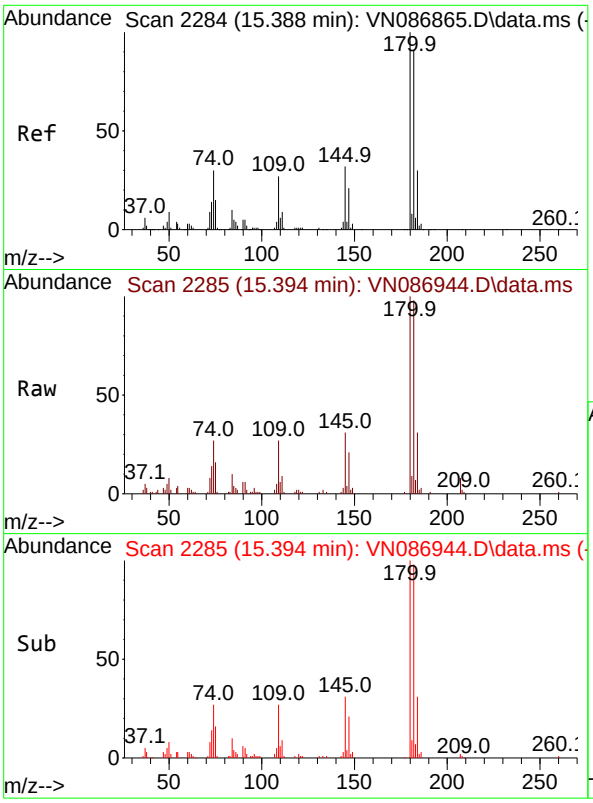


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.155 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion: 75 Resp: 17796

Ion	Ratio	Lower	Upper
75	100		
155	85.2	41.1	123.4
157	106.8	52.7	158.1



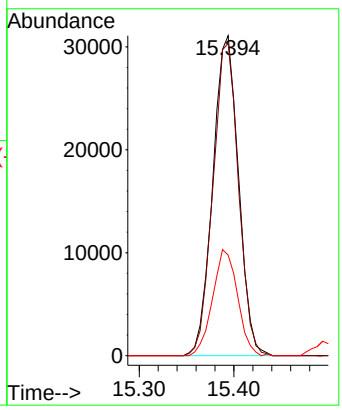


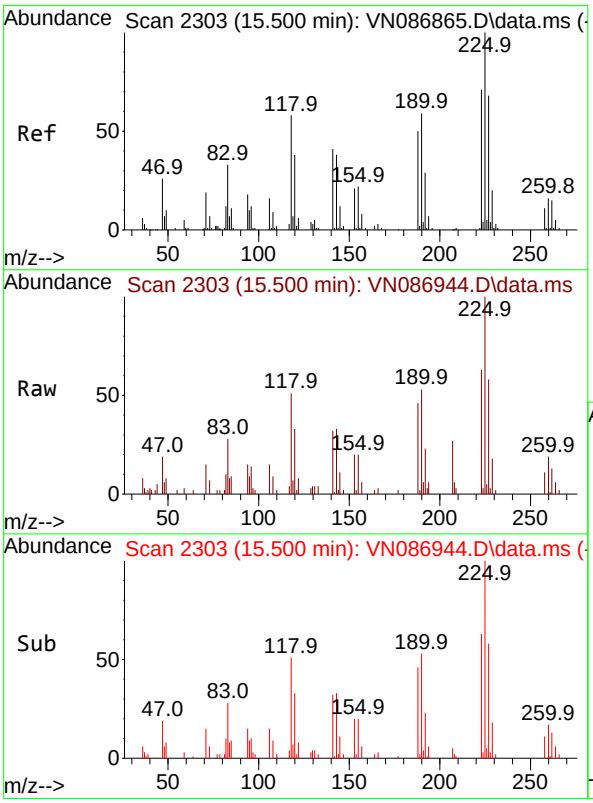
#93
1,2,4-Trichlorobenzene
Concen: 18.433 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:180 Resp: 58509

Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.9	140.7
145	32.3	16.0	47.9

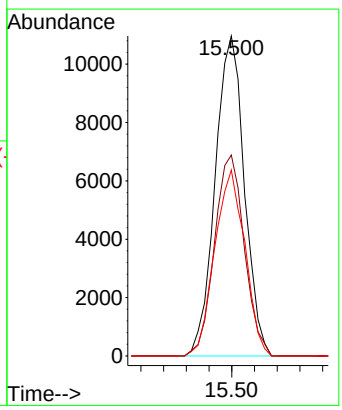


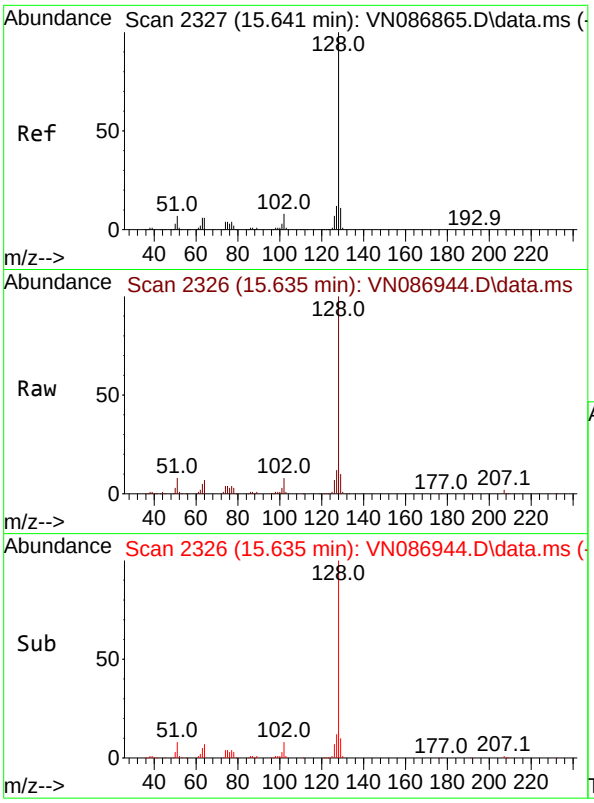


#94
Hexachlorobutadiene
Concen: 16.567 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:225 Resp: 19592

Ion	Ratio	Lower	Upper
225	100		
223	64.0	33.5	100.4
227	60.0	31.1	93.5



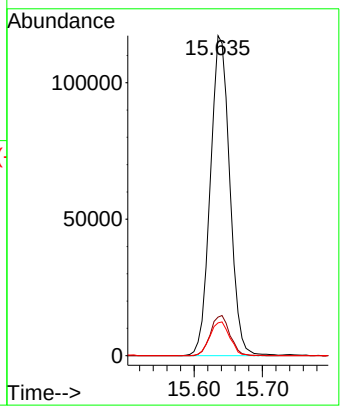


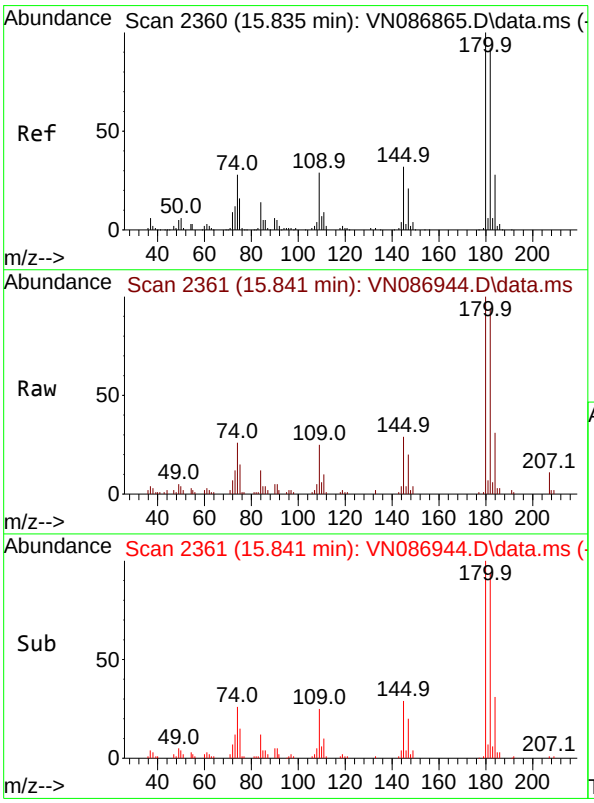
#95
Naphthalene
Concen: 19.700 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:128 Resp: 232760

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.8	13.2

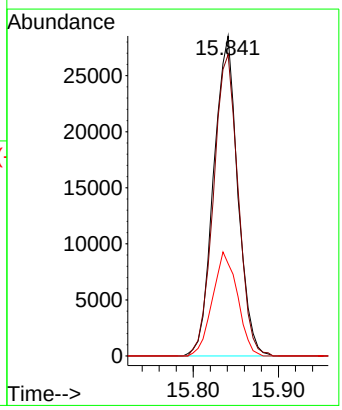




#96
1,2,3-Trichlorobenzene
Concen: 17.802 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086944.D
Acq: 11 Jun 2025 13:27

Tgt Ion:180 Resp: 56144

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.0	141.0
145	33.6	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	177574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	326287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	123795	52.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.140%			
35) Dibromofluoromethane	8.177	113	102484	53.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.000%			
50) Toluene-d8	10.571	98	382080	49.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.820%			
62) 4-Bromofluorobenzene	12.847	95	146464	51.499	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	97946	55.320	ug/l	98
3) Chloromethane	2.395	50	103222	45.148	ug/l	99
4) Vinyl Chloride	2.553	62	126441	53.612	ug/l	100
5) Bromomethane	2.983	94	43618	33.049	ug/l	94
6) Chloroethane	3.147	64	84712	55.606	ug/l	97
7) Trichlorofluoromethane	3.524	101	172024	55.827	ug/l	99
8) Diethyl Ether	3.983	74	75627	56.330	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.400	101	104252	53.851	ug/l	99
10) Methyl Iodide	4.606	142	46802	18.649	ug/l	98
11) Tert butyl alcohol	5.547	59	180885	280.391	ug/l	99
12) 1,1-Dichloroethene	4.365	96	106380	53.824	ug/l	96
13) Acrolein	4.200	56	152464	746.633	ug/l	100
14) Allyl chloride	5.047	41	166911	50.921	ug/l	97
15) Acrylonitrile	5.741	53	422921	280.476	ug/l	100
16) Acetone	4.447	43	331168	262.661	ug/l	100
17) Carbon Disulfide	4.736	76	268580	49.127	ug/l	99
18) Methyl Acetate	5.047	43	214312	58.328	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	406405	56.790	ug/l	99
20) Methylene Chloride	5.300	84	125496	53.166	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	115879	52.697	ug/l	95
22) Diisopropyl ether	6.688	45	382028	55.291	ug/l	99
23) Vinyl Acetate	6.618	43	1623707	278.142	ug/l	99
24) 1,1-Dichloroethane	6.588	63	222894	56.057	ug/l	99
25) 2-Butanone	7.494	43	557966	272.256	ug/l	97
26) 2,2-Dichloropropane	7.500	77	149440	48.315	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	146360	55.654	ug/l	97
28) Bromochloromethane	7.824	49	111849	57.211	ug/l	98
29) Tetrahydrofuran	7.853	42	361046	270.436	ug/l	97
30) Chloroform	7.977	83	219091	55.175	ug/l	97
31) Cyclohexane	8.265	56	181510	47.071	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	181857	53.846	ug/l	99
36) 1,1-Dichloropropene	8.377	75	153059	53.121	ug/l	99
37) Ethyl Acetate	7.571	43	196171	53.483	ug/l	99
38) Carbon Tetrachloride	8.371	117	150782	53.303	ug/l	96
39) Methylcyclohexane	9.606	83	176079	44.605	ug/l	97
40) Benzene	8.612	78	505922	53.695	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	112567	54.646	ug/l		97
42) 1,2-Dichloroethane	8.677	62	153959	53.873	ug/l		100
43) Isopropyl Acetate	8.694	43	317059	53.857	ug/l		99
44) Trichloroethene	9.359	130	119433	53.458	ug/l		98
45) 1,2-Dichloropropane	9.624	63	124231	54.196	ug/l		100
46) Dibromomethane	9.712	93	85919	56.431	ug/l		99
47) Bromodichloromethane	9.894	83	175093	55.894	ug/l		99
48) Methyl methacrylate	9.682	41	143734	53.046	ug/l		98
49) 1,4-Dioxane	9.706	88	58859	1194.044	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.447	43	995984	281.028	ug/l		99
52) Toluene	10.629	92	310797	53.976	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	191765	54.745	ug/l		96
54) cis-1,3-Dichloropropene	10.318	75	203300	54.242	ug/l		97
55) 1,1,2-Trichloroethane	11.018	97	123723	55.842	ug/l		98
56) Ethyl methacrylate	10.882	69	209075	59.246	ug/l		96
57) 1,3-Dichloropropane	11.165	76	212617	55.319	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	621634	295.338	ug/l		100
59) 2-Hexanone	11.200	43	661460	289.751	ug/l		94
60) Dibromochloromethane	11.359	129	132918	57.580	ug/l		100
61) 1,2-Dibromoethane	11.470	107	127444	56.119	ug/l		98
64) Tetrachloroethene	11.106	164	91667	50.534	ug/l		95
65) Chlorobenzene	11.894	112	336350	53.206	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	113463	55.835	ug/l		100
67) Ethyl Benzene	11.965	91	576593	52.952	ug/l		100
68) m/p-Xylenes	12.070	106	444183	106.561	ug/l		100
69) o-Xylene	12.400	106	219424	54.963	ug/l		98
70) Styrene	12.412	104	377725	55.293	ug/l		99
71) Bromoform	12.576	173	89676	59.559	ug/l	#	100
73) Isopropylbenzene	12.694	105	534031	51.622	ug/l		100
74) N-amyl acetate	12.512	43	188759	52.216	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.935	83	200820	57.301	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	262042	77.632	ug/l		68
77) Bromobenzene	12.982	156	131869	55.583	ug/l		99
78) n-propylbenzene	13.035	91	643398	51.178	ug/l		99
79) 2-Chlorotoluene	13.123	91	394854	52.371	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	443398	51.914	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	72331	49.328	ug/l		97
82) 4-Chlorotoluene	13.223	91	406685	53.310	ug/l		100
83) tert-Butylbenzene	13.435	119	396615	50.730	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	447506	52.251	ug/l		99
85) sec-Butylbenzene	13.611	105	549887	48.432	ug/l		100
86) p-Isopropyltoluene	13.729	119	459716	48.982	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	253292	54.264	ug/l		99
88) 1,4-Dichlorobenzene	13.811	146	252880	53.138	ug/l		99
89) n-Butylbenzene	14.053	91	422802	46.509	ug/l		99
90) Hexachloroethane	14.329	117	83746	52.642	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	244439	54.507	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45867	54.724	ug/l		97
93) 1,2,4-Trichlorobenzene	15.388	180	141753	49.501	ug/l		100
94) Hexachlorobutadiene	15.500	225	44722	41.918	ug/l		100
95) Naphthalene	15.641	128	576105	54.049	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	138678	48.742	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

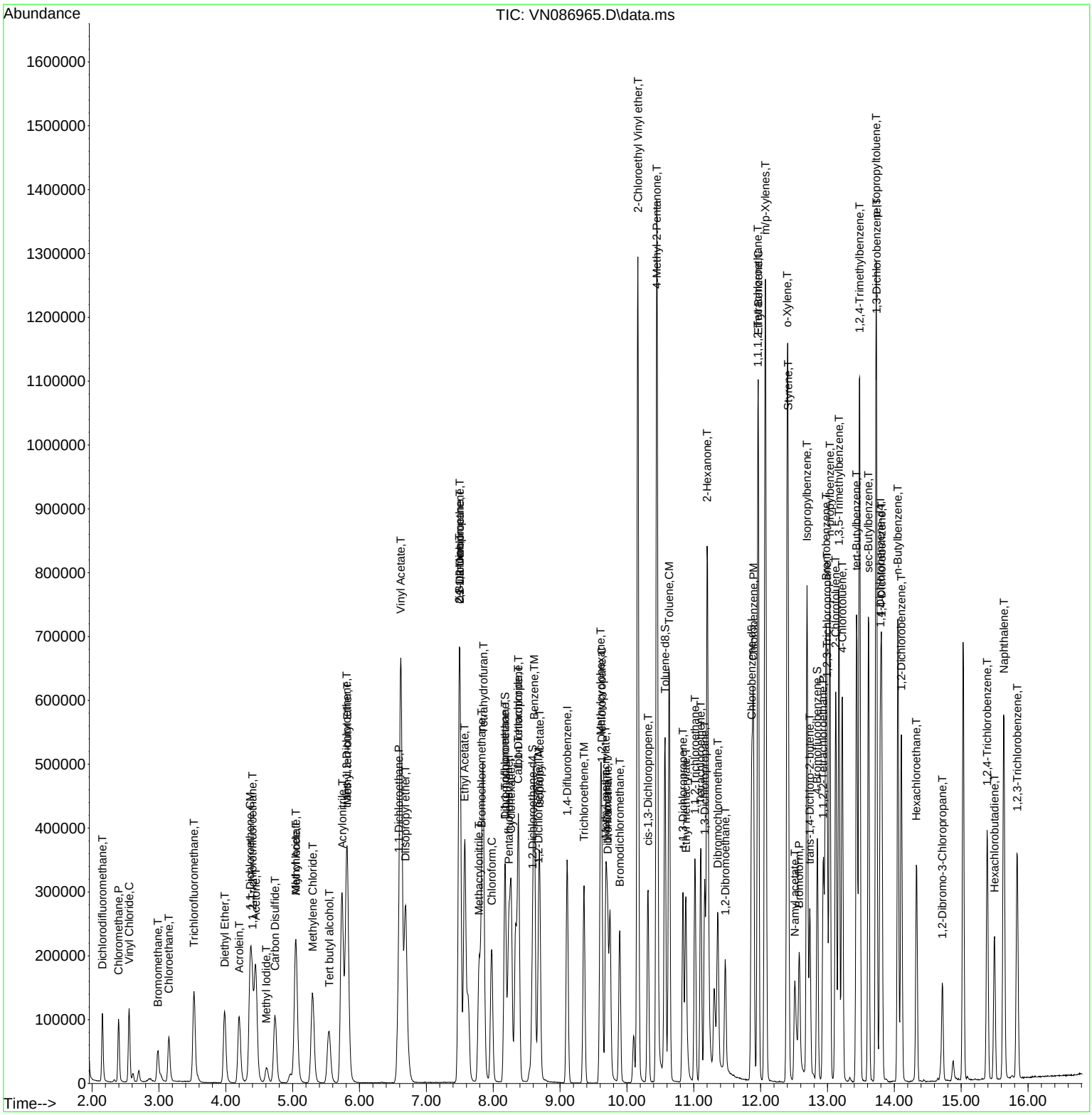
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

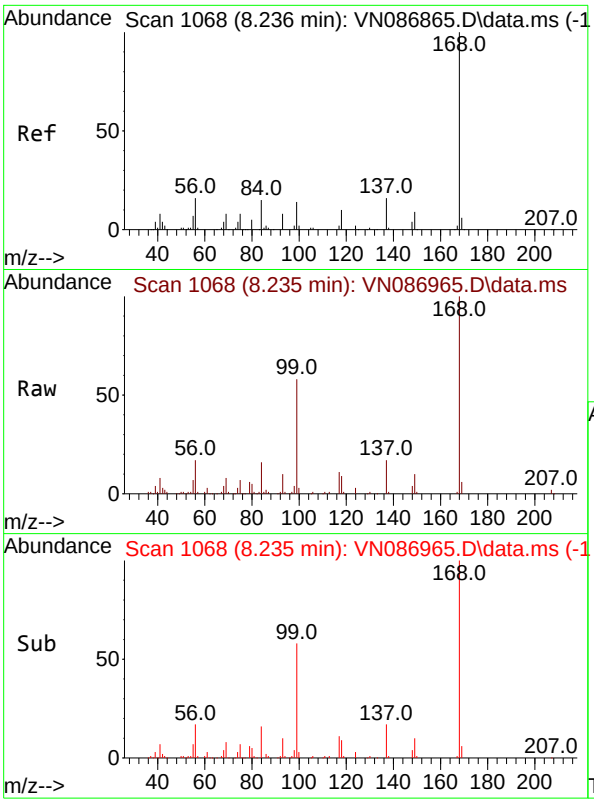
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086965.D
Acq On : 11 Jun 2025 21:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 12 01:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



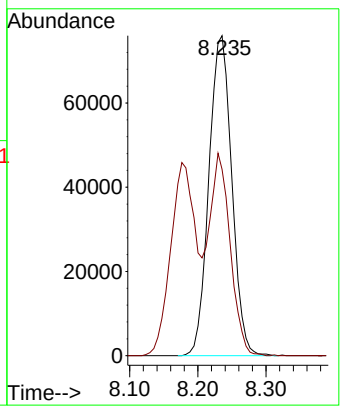


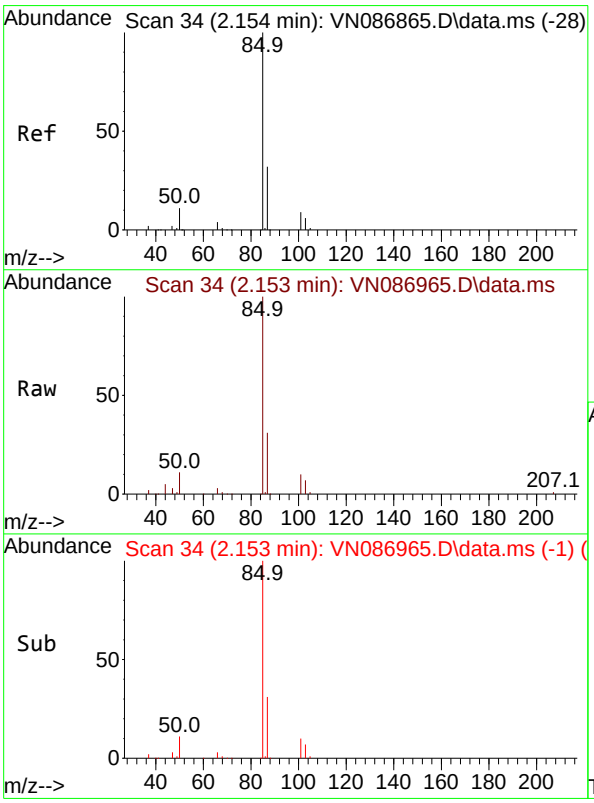
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 177574

Ion	Ratio	Lower	Upper
168	100		
99	58.2	49.1	73.7

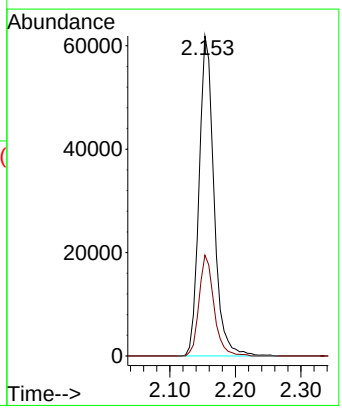


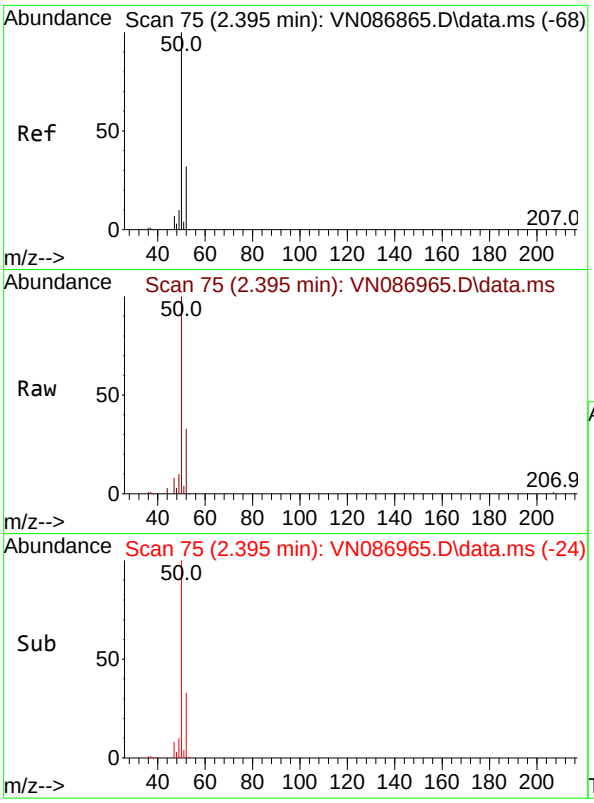


#2
Dichlorodifluoromethane
Concen: 55.320 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 85 Resp: 97946

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.2	48.6



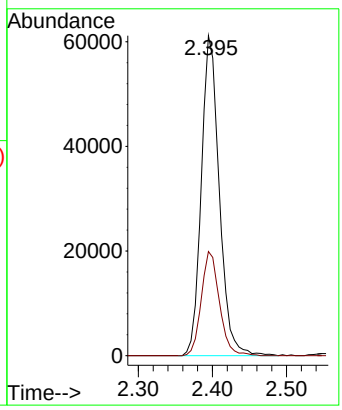


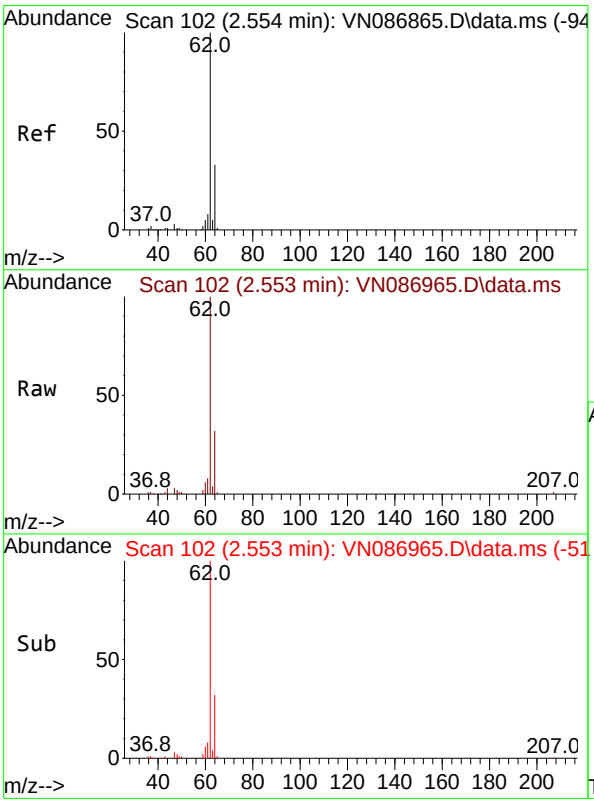
#3
Chloromethane
Concen: 45.148 ug/l
RT: 2.395 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 103222

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.7	38.5

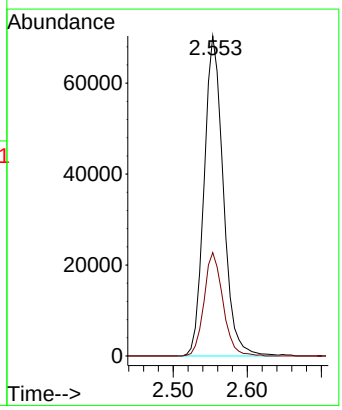


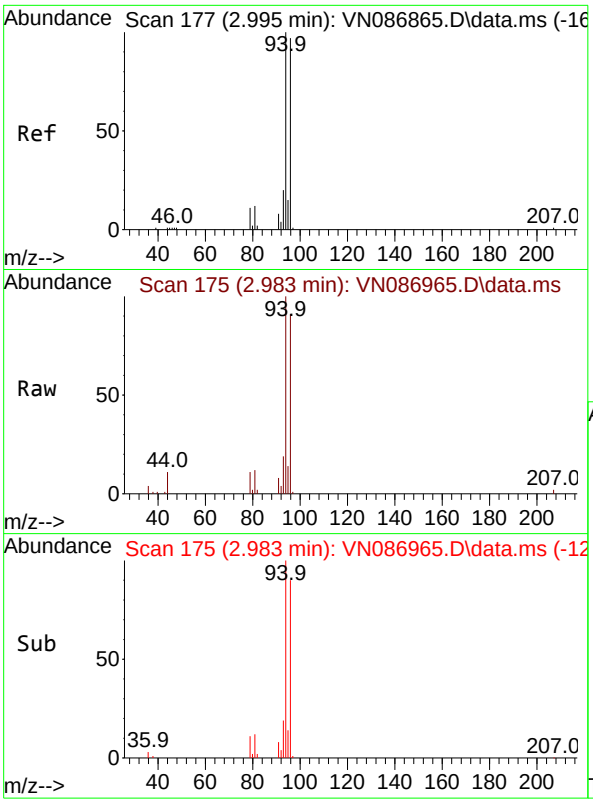


#4
Vinyl Chloride
Concen: 53.612 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 62 Resp: 126441

Ion	Ratio	Lower	Upper
62	100		
64	32.3	26.0	39.0



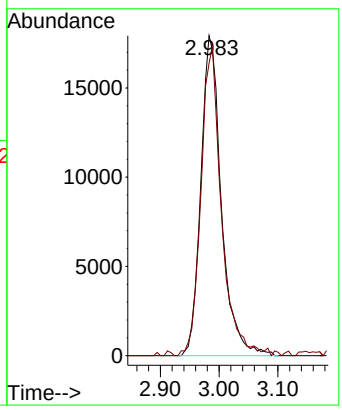


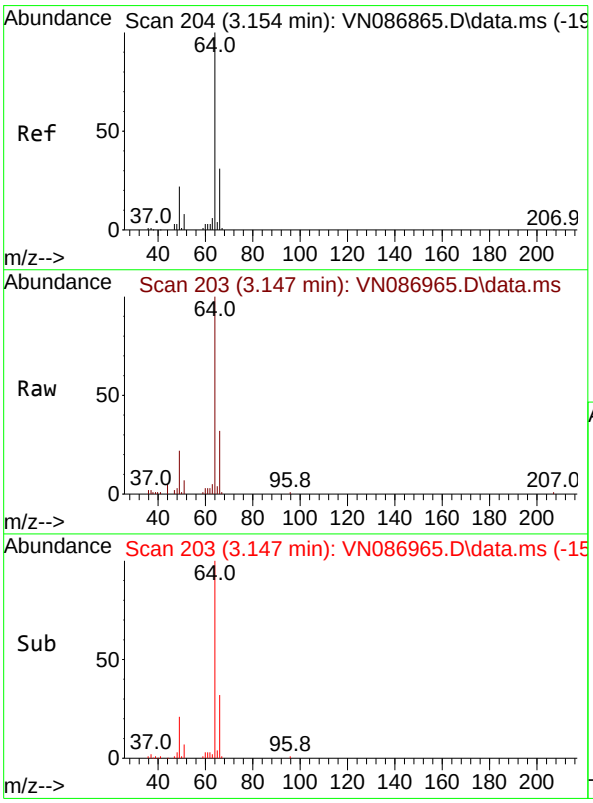
#5
Bromomethane
Concen: 33.049 ug/l
RT: 2.983 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 43618

Ion	Ratio	Lower	Upper
94	100		
96	91.4	77.9	116.9

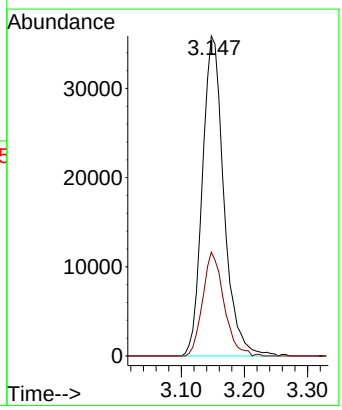


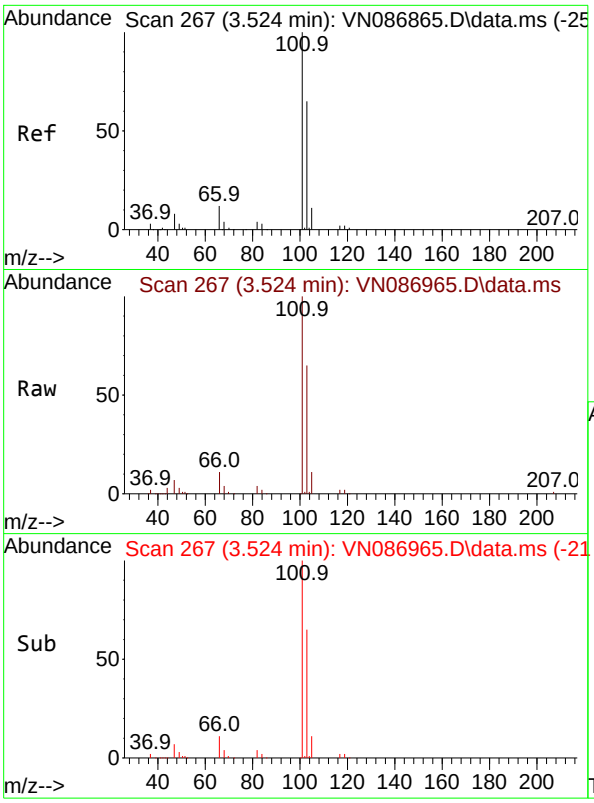


#6
Chloroethane
Concen: 55.606 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 64 Resp: 84712

Ion	Ratio	Lower	Upper
64	100		
66	32.4	24.6	36.8



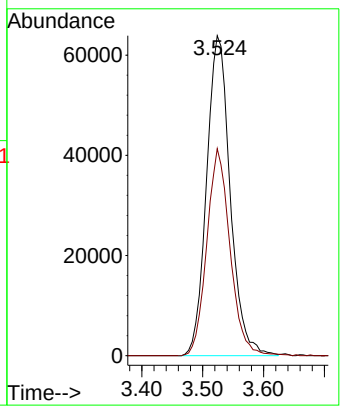


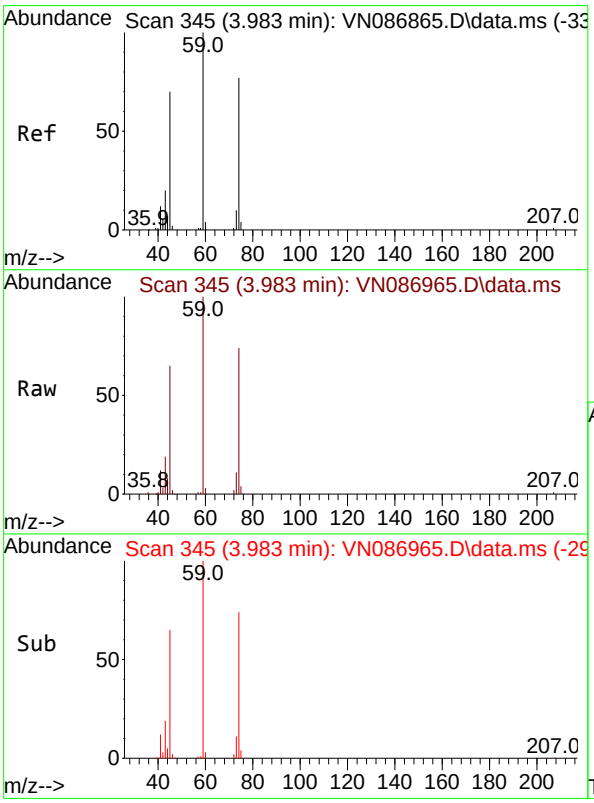
#7
Trichlorofluoromethane
Concen: 55.827 ug/l
RT: 3.524 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 172024

Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.2

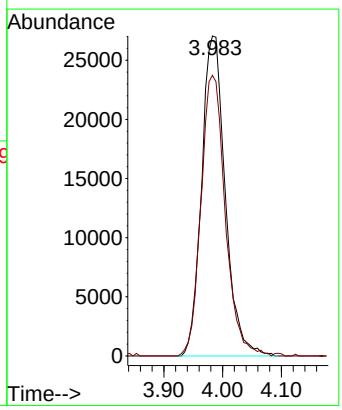


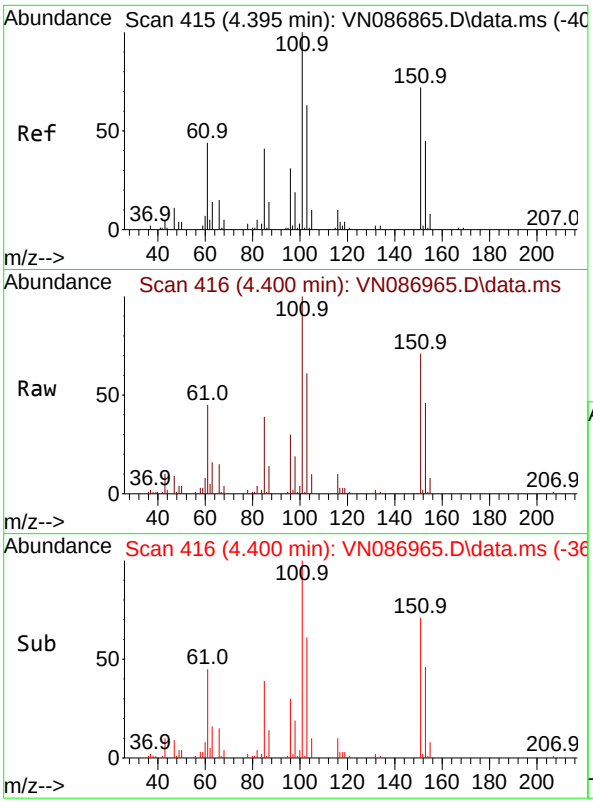


#8
Diethyl Ether
Concen: 56.330 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 74 Resp: 75627

Ion	Ratio	Lower	Upper
74	100		
45	89.7	45.5	136.5



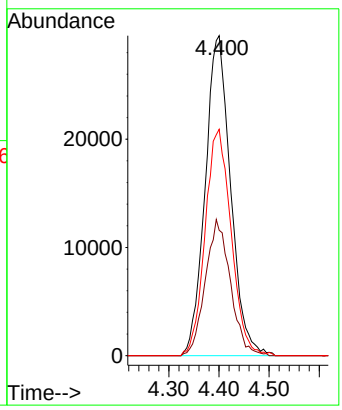


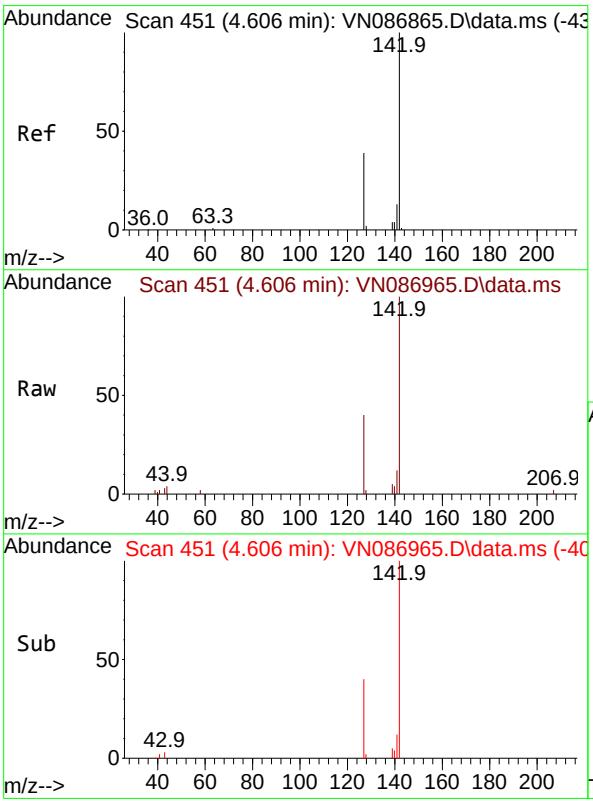
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.851 ug/l
RT: 4.400 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 104252

Ion	Ratio	Lower	Upper
101	100		
85	41.8	33.8	50.8
151	72.4	58.7	88.1

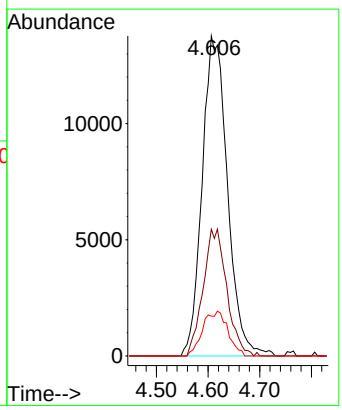


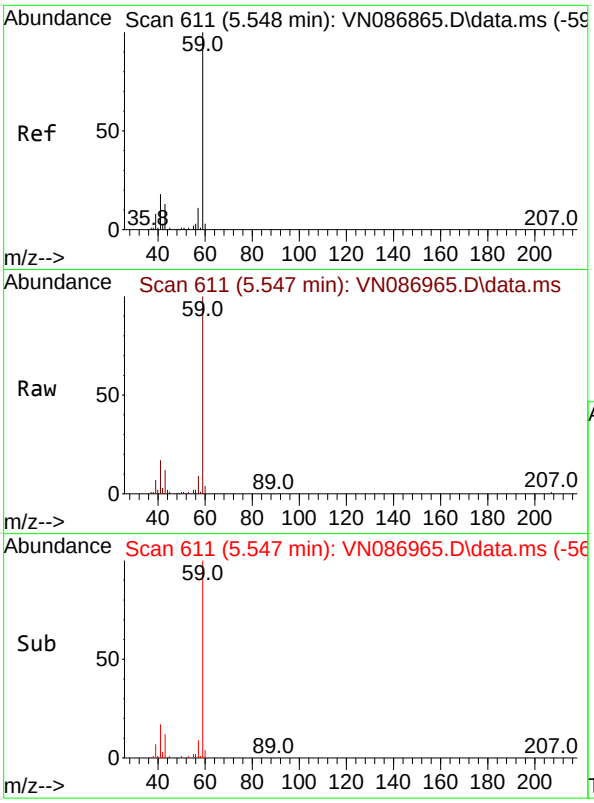


#10
Methyl Iodide
Concen: 18.649 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:142 Resp: 46802

Ion	Ratio	Lower	Upper
142	100		
127	39.6	30.9	46.3
141	12.5	10.4	15.6



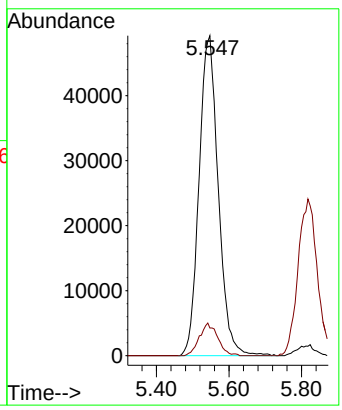


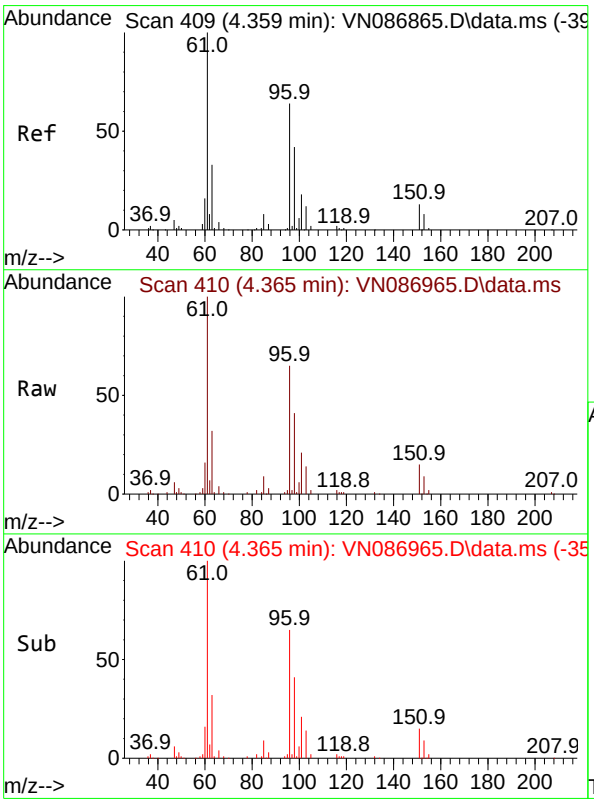
#11
Tert butyl alcohol
Concen: 280.391 ug/l
RT: 5.547 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 180885

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.1	12.1

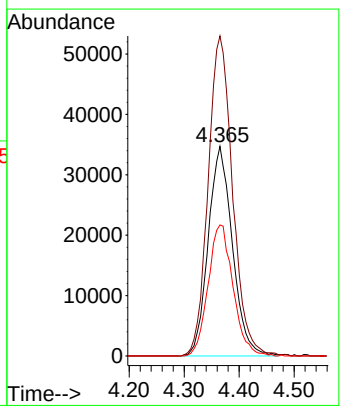


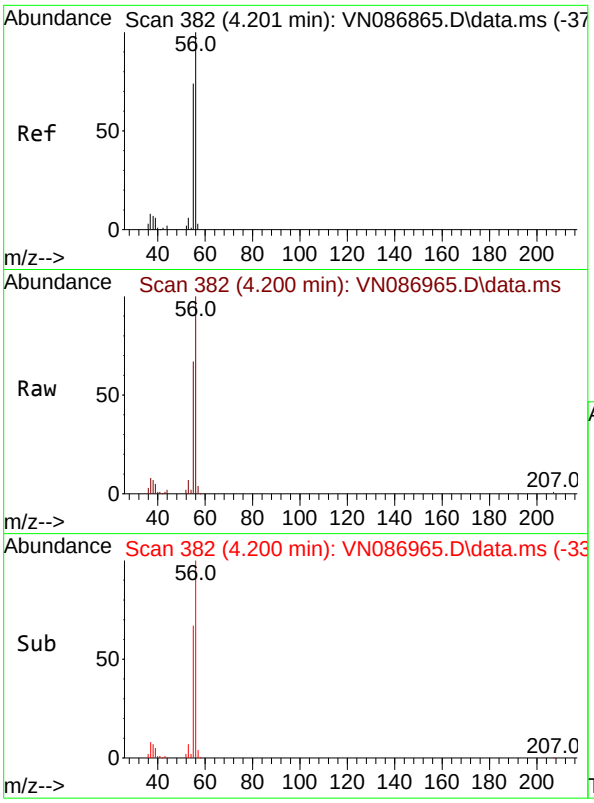


#12
1,1-Dichloroethene
Concen: 53.824 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 96 Resp: 106380

Ion	Ratio	Lower	Upper
96	100		
61	152.7	125.8	188.6
98	62.5	52.5	78.7



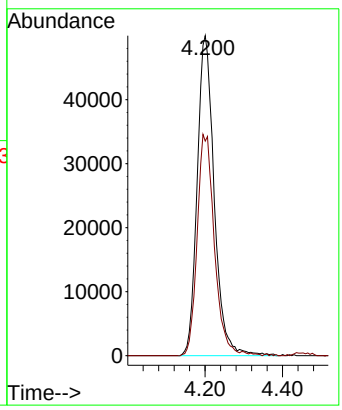


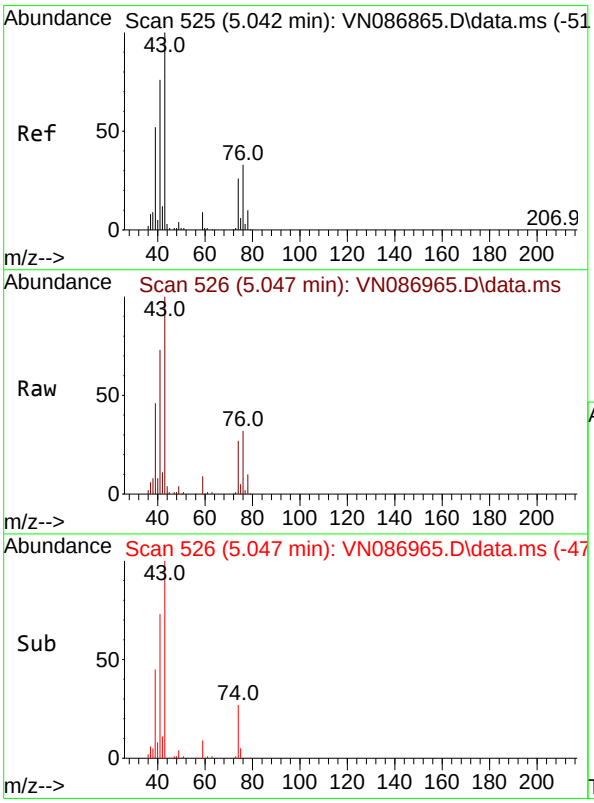
#13
Acrolein
Concen: 746.633 ug/l
RT: 4.200 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 152464

Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.6	83.4

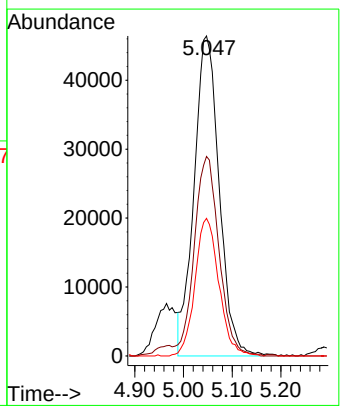


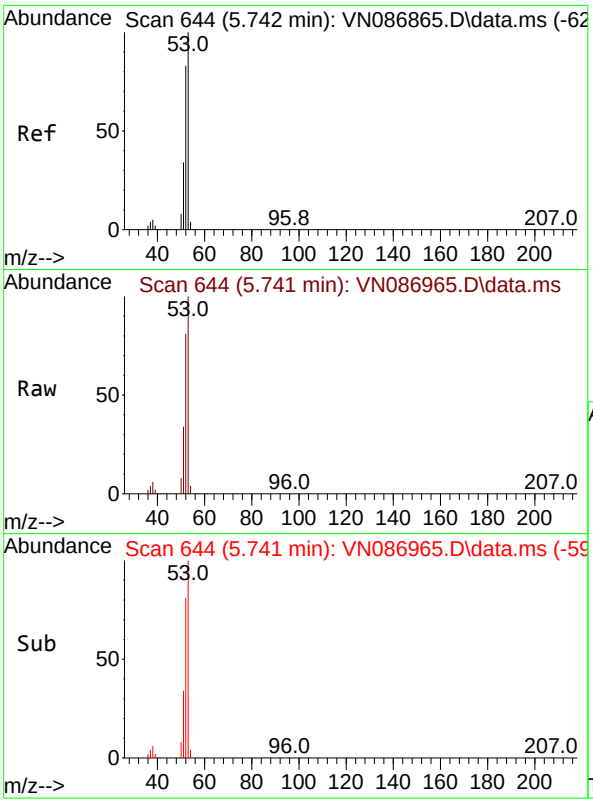


#14
Allyl chloride
Concen: 50.921 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 41 Resp: 166911

Ion	Ratio	Lower	Upper
41	100		
39	61.7	51.3	76.9
76	40.8	31.4	47.0



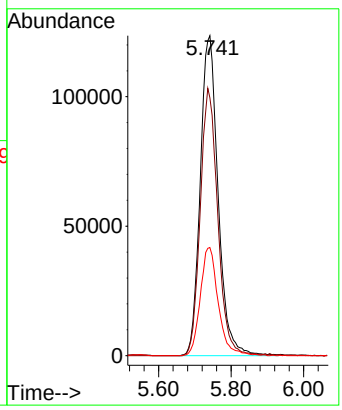


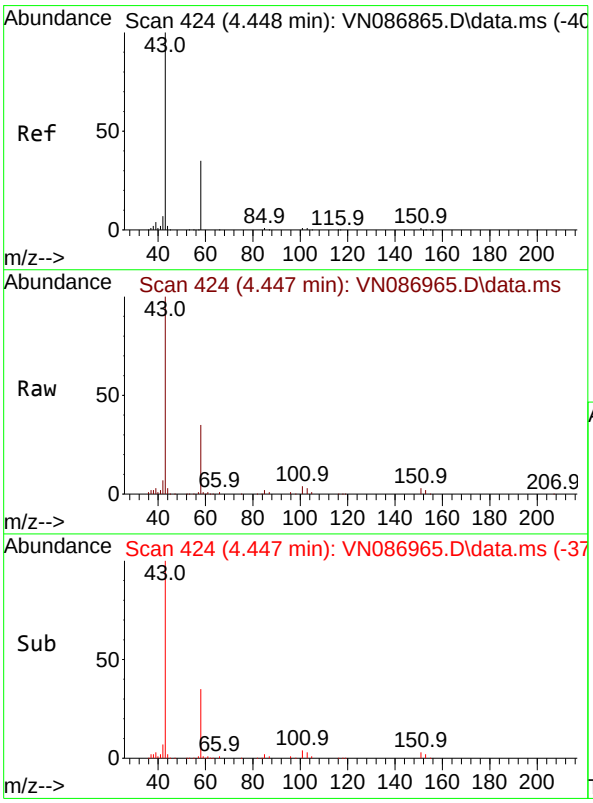
#15
Acrylonitrile
Concen: 280.476 ug/l
RT: 5.741 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 422921

Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.0	97.6
51	34.0	27.2	40.8

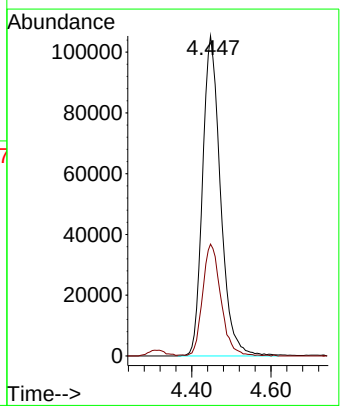


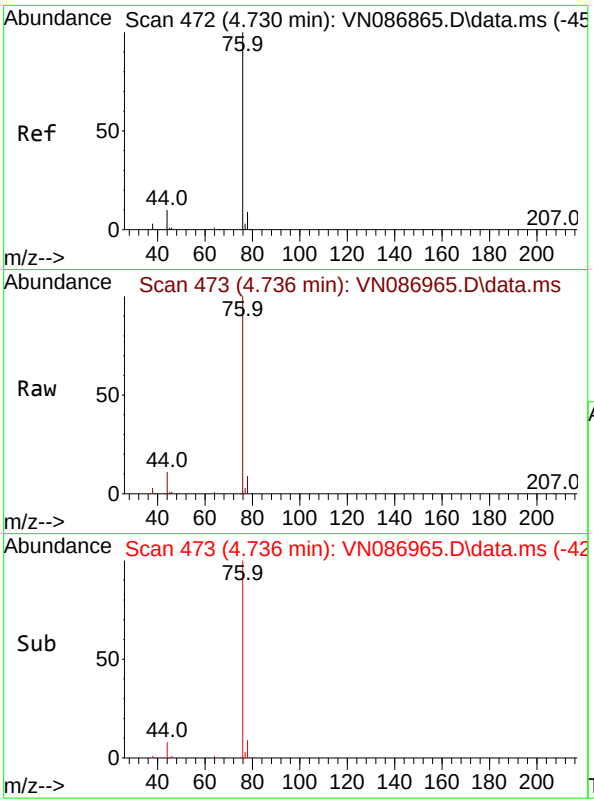


#16
Acetone
Concen: 262.661 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 331168

Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.0	42.0



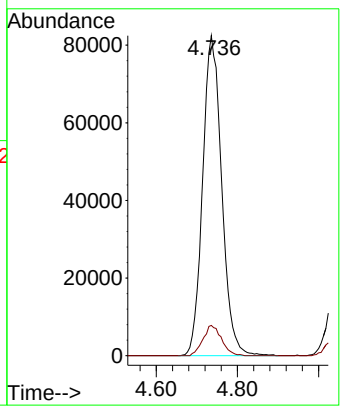


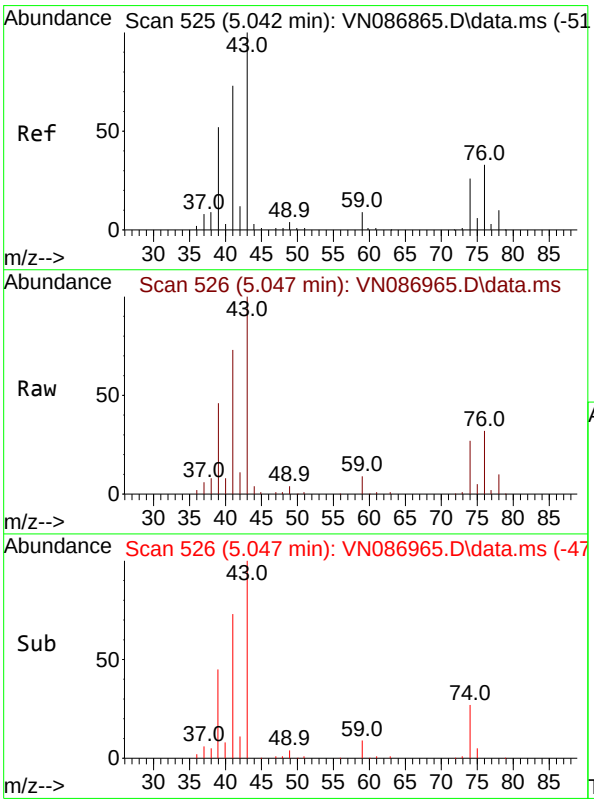
#17
Carbon Disulfide
Concen: 49.127 ug/l
RT: 4.736 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 268580

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

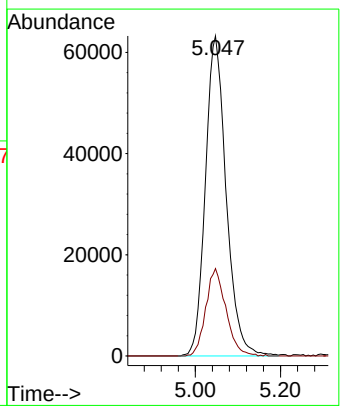


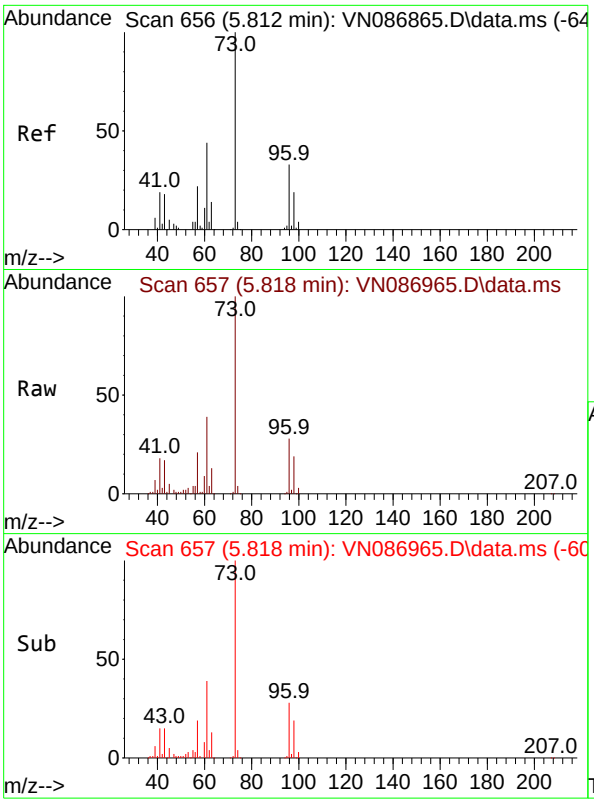


#18
Methyl Acetate
Concen: 58.328 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 214312

Ion	Ratio	Lower	Upper
43	100		
74	26.6	20.7	31.1



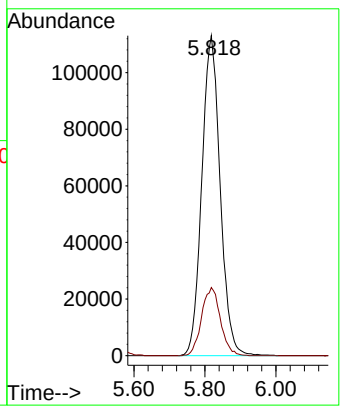


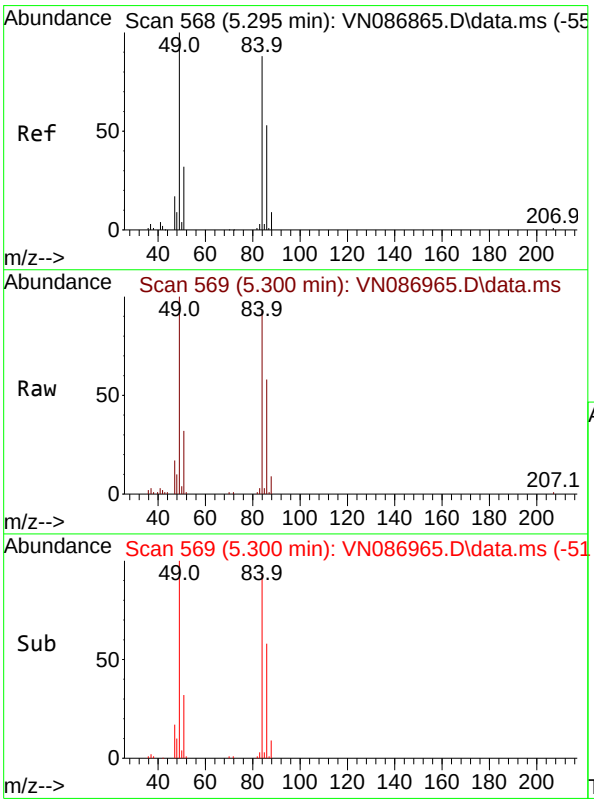
#19
Methyl tert-butyl Ether
Concen: 56.790 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 406405

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.4	26.2

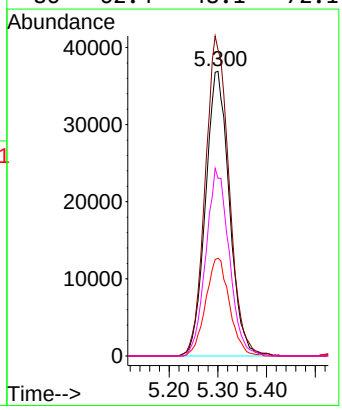


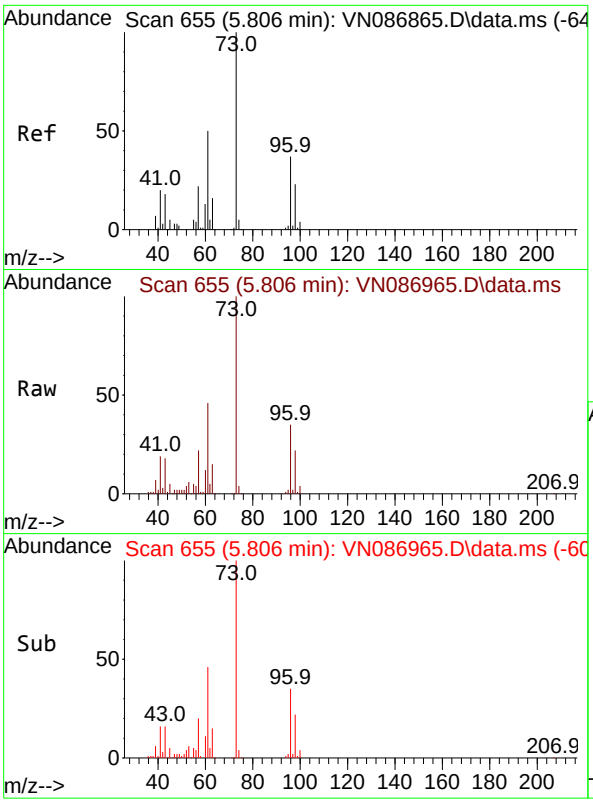


#20
Methylene Chloride
Concen: 53.166 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 84 Resp: 125496

Ion	Ratio	Lower	Upper
84	100		
49	107.5	90.5	135.7
51	34.3	28.5	42.7
86	62.4	48.1	72.1



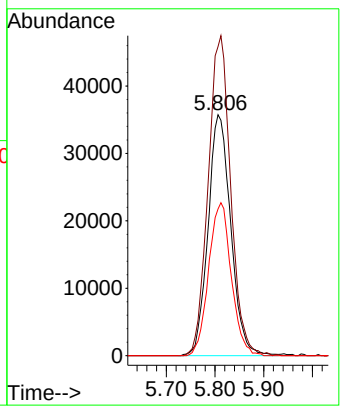


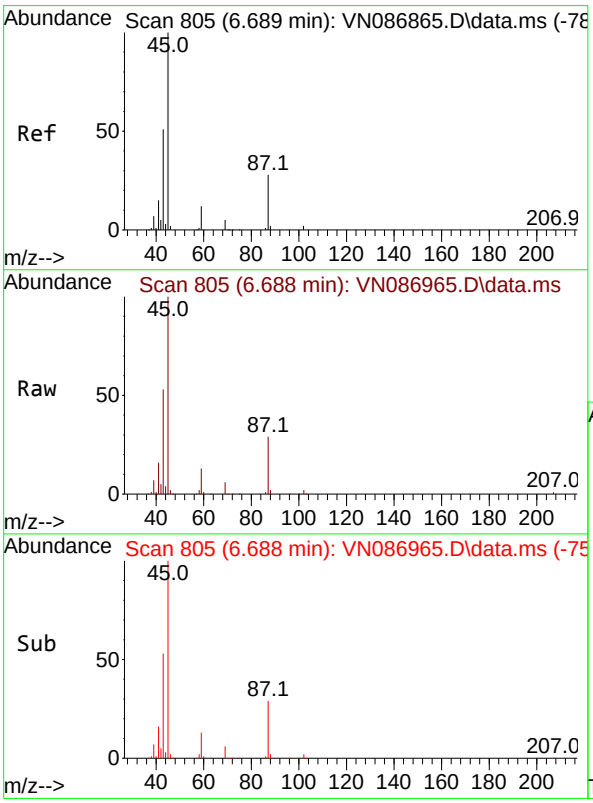
#21
trans-1,2-Dichloroethene
Concen: 52.697 ug/l
RT: 5.806 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 115879

Ion	Ratio	Lower	Upper
96	100		
61	128.3	109.2	163.8
98	60.9	49.8	74.8

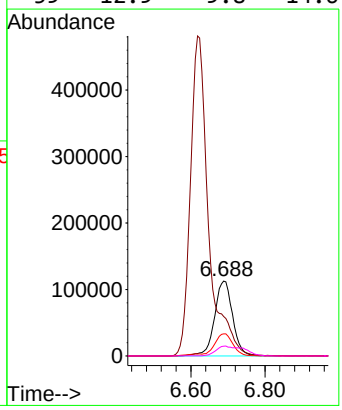


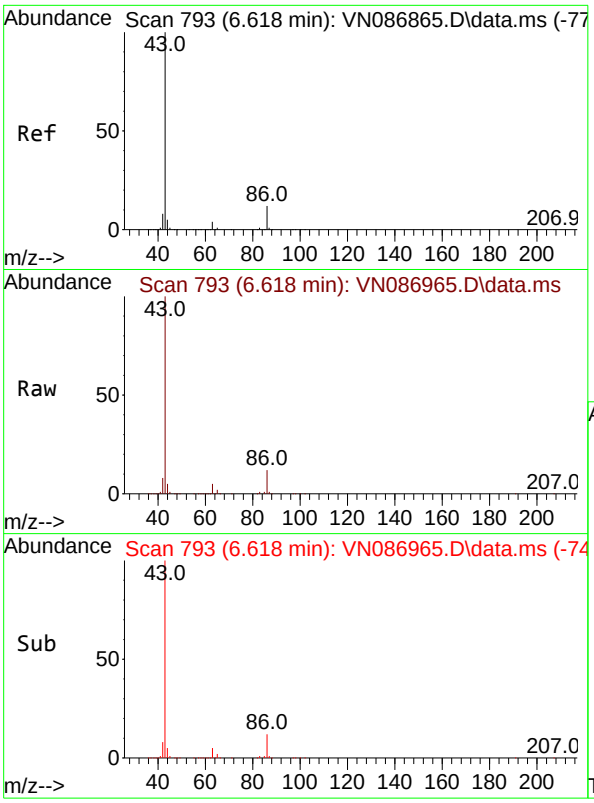


#22
Diisopropyl ether
Concen: 55.291 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 45 Resp: 382028

Ion	Ratio	Lower	Upper
45	100		
43	52.3	41.9	62.9
87	29.5	22.4	33.6
59	12.9	9.8	14.6



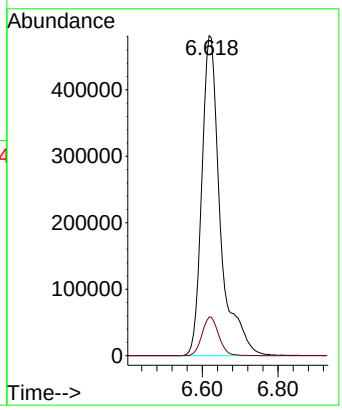


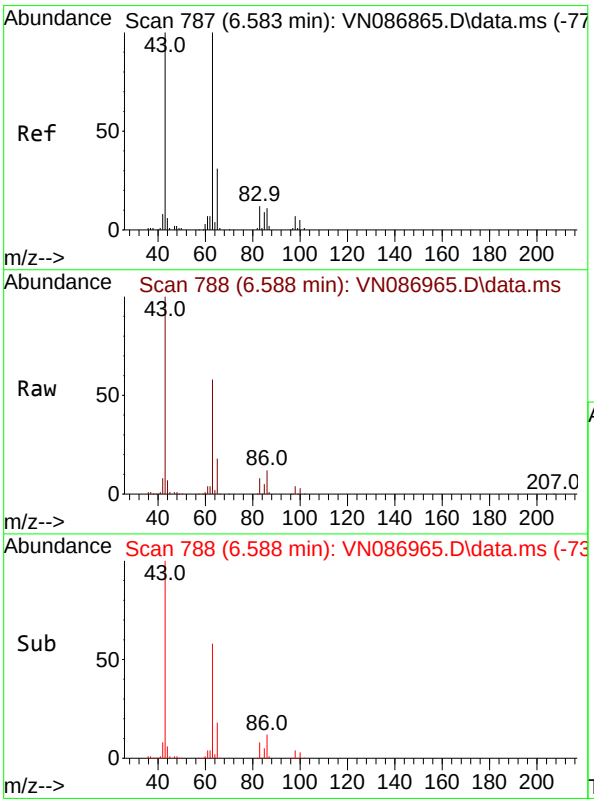
#23
Vinyl Acetate
Concen: 278.142 ug/l
RT: 6.618 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1623707

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.5	14.3

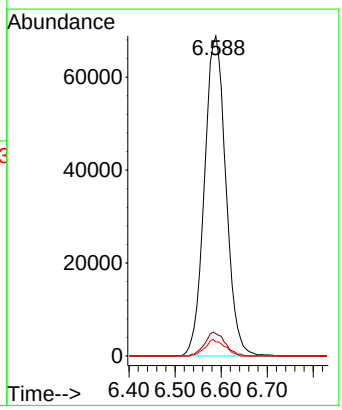


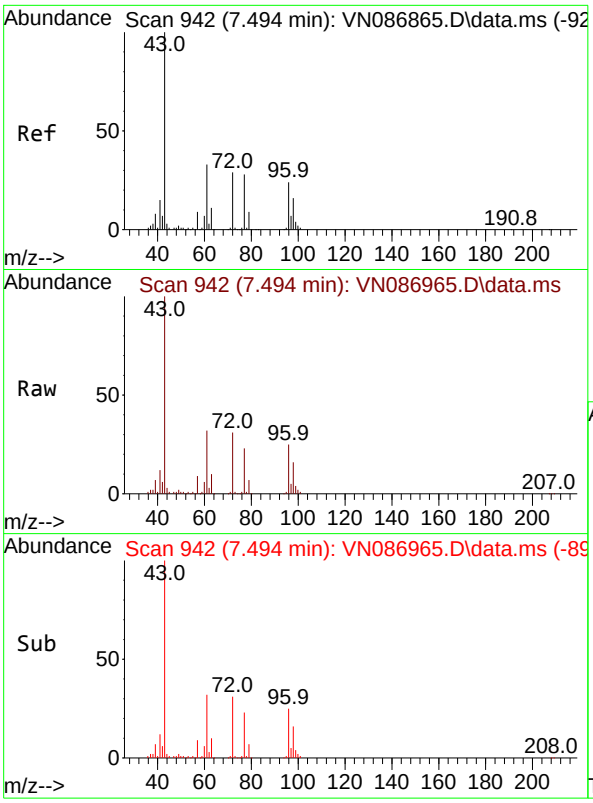


#24
1,1-Dichloroethane
Concen: 56.057 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 63 Resp: 222894

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	4.3	2.6	7.8



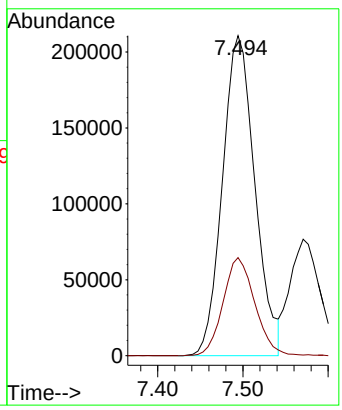


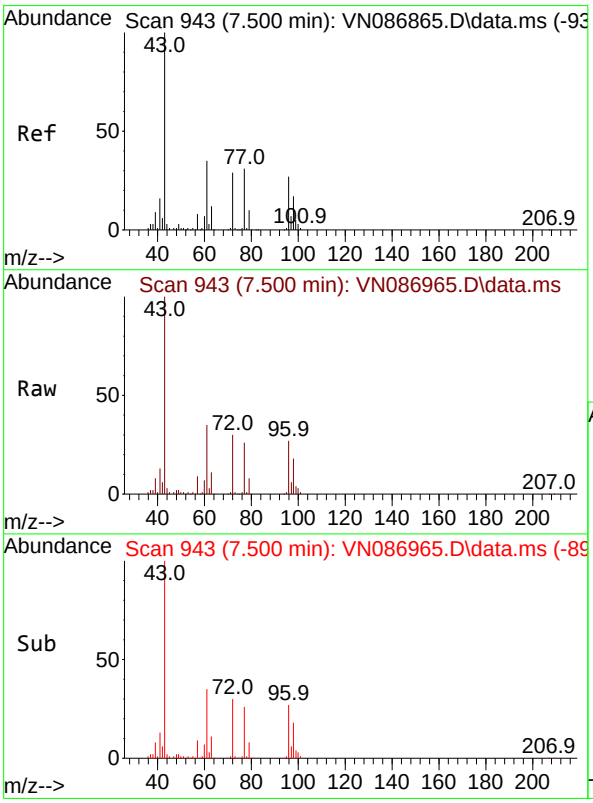
#25
2-Butanone
Concen: 272.256 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 557966

Ion	Ratio	Lower	Upper
43	100		
72	30.6	23.0	34.6

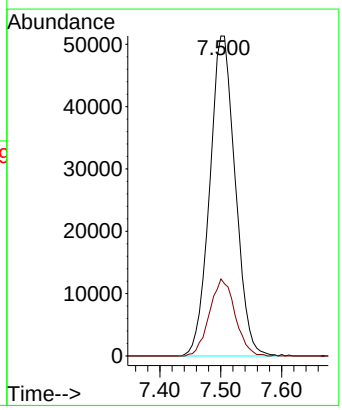


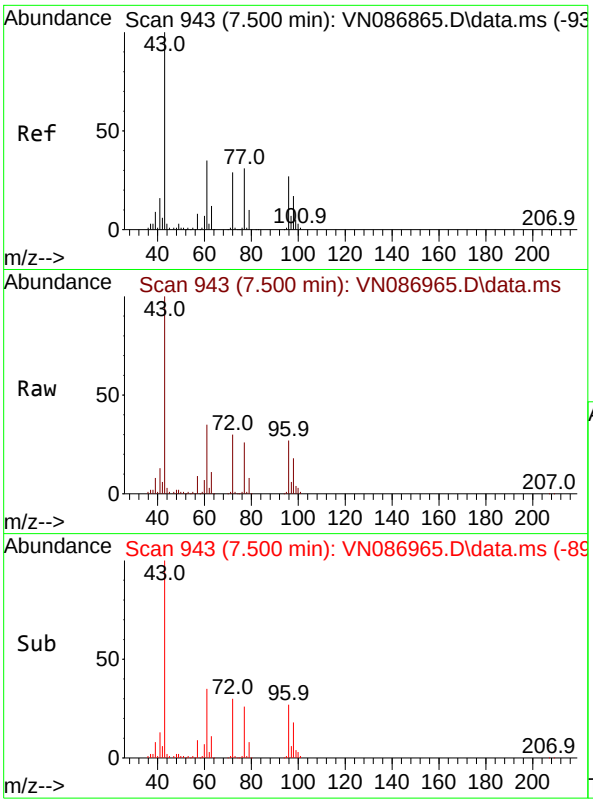


#26
2,2-Dichloropropane
Concen: 48.315 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 77 Resp: 149440

Ion	Ratio	Lower	Upper
77	100		
97	24.1	11.6	34.7



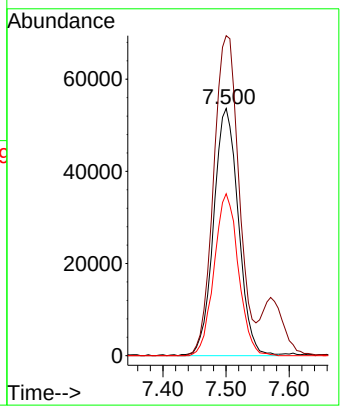


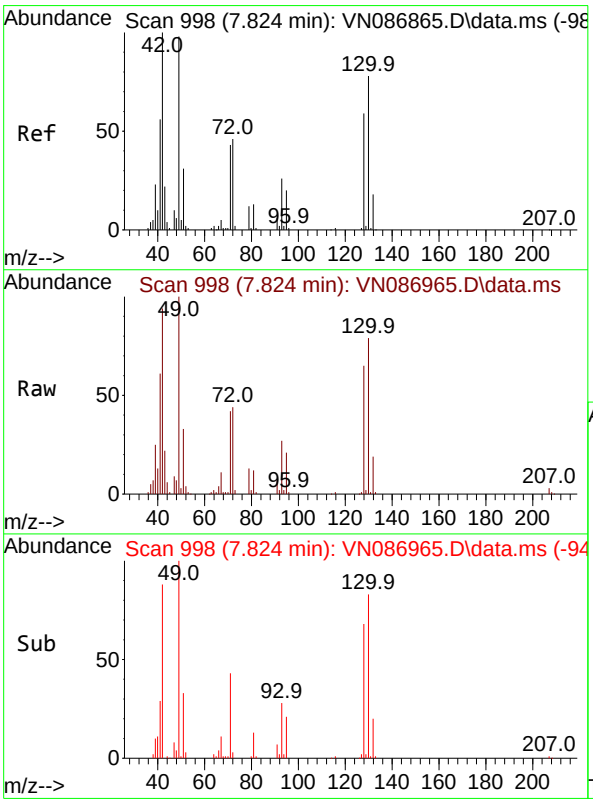
#27
cis-1,2-Dichloroethene
Concen: 55.654 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 146360

Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	278.0
98	64.2	0.0	128.2

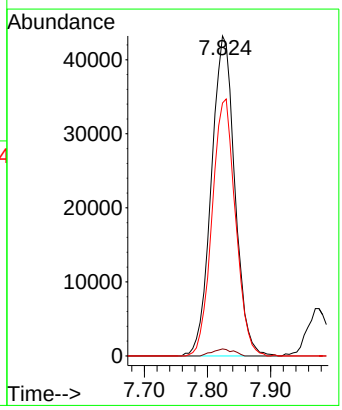


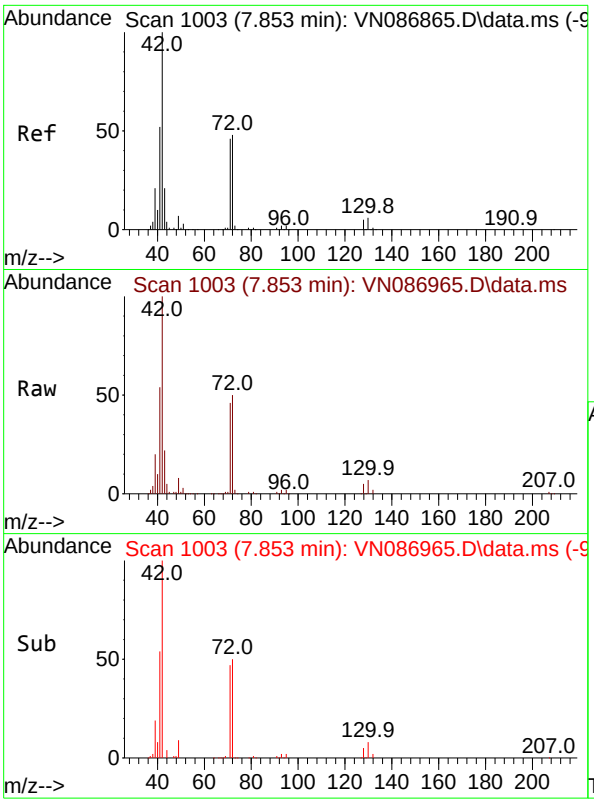


#28
Bromochloromethane
Concen: 57.211 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 49 Resp: 111849

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	79.9	62.2	93.2



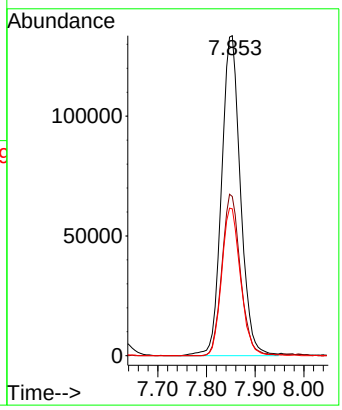


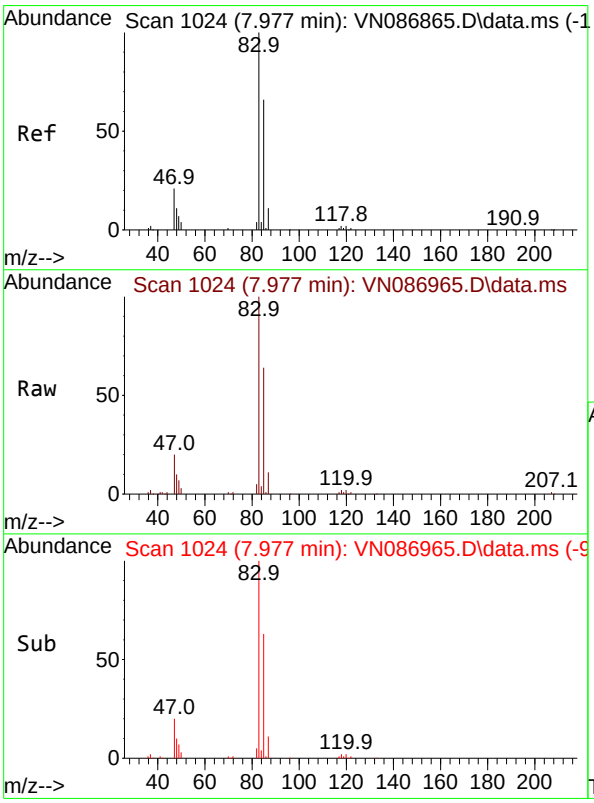
#29
Tetrahydrofuran
Concen: 270.436 ug/l
RT: 7.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 361046

Ion	Ratio	Lower	Upper
42	100		
72	49.5	37.8	56.6
71	46.0	35.6	53.4

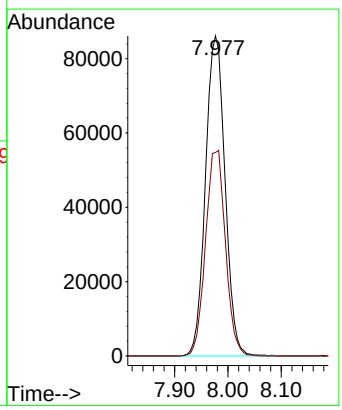


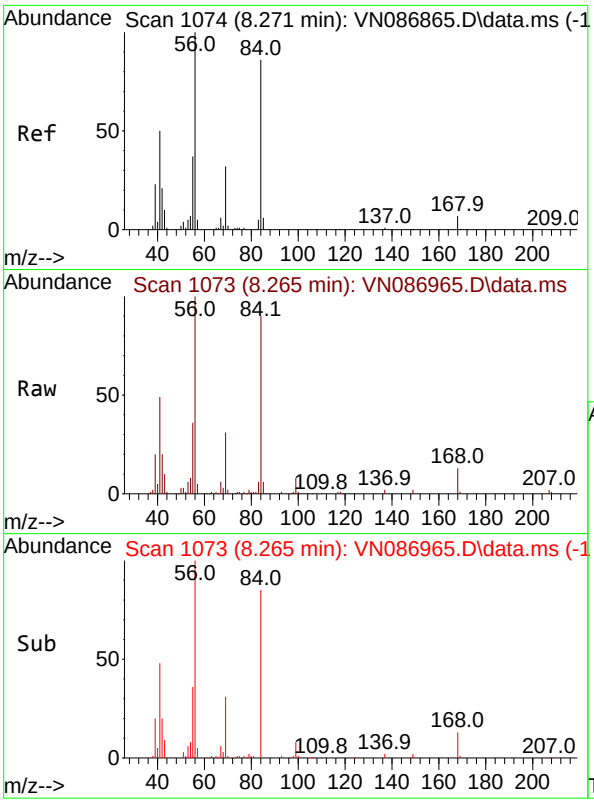


#30
Chloroform
Concen: 55.175 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 83 Resp: 219091

Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.9	79.3



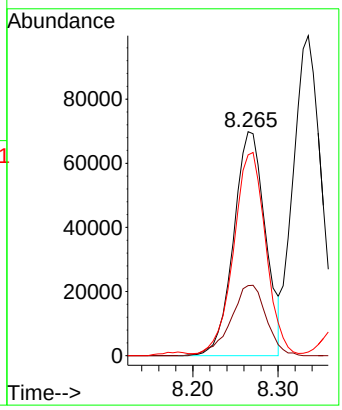


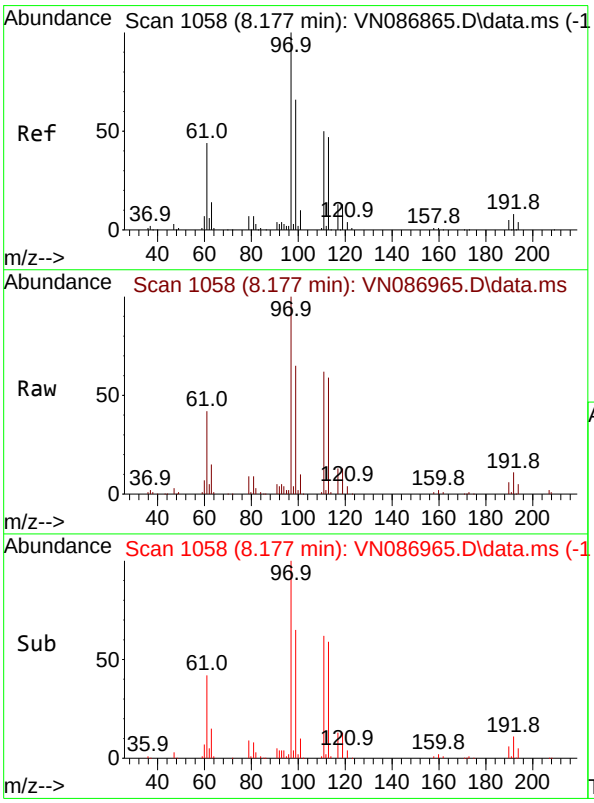
#31
Cyclohexane
Concen: 47.071 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 181510

Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.4	38.0
84	88.0	68.8	103.2

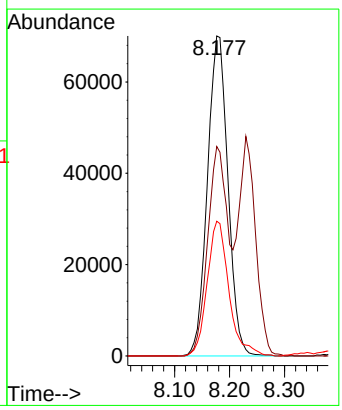


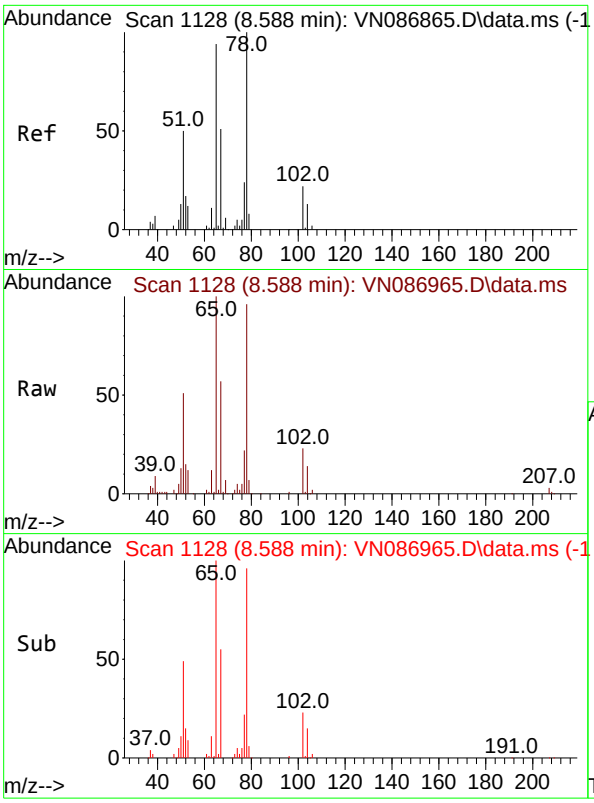


#32
1,1,1-Trichloroethane
Concen: 53.846 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 97 Resp: 181857

Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.0	78.0
61	44.6	35.9	53.9



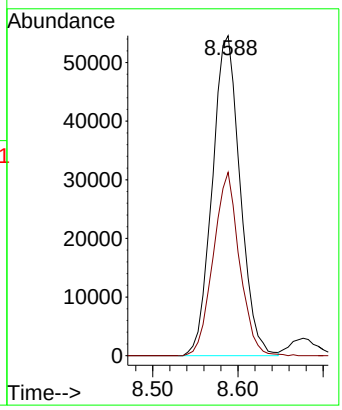


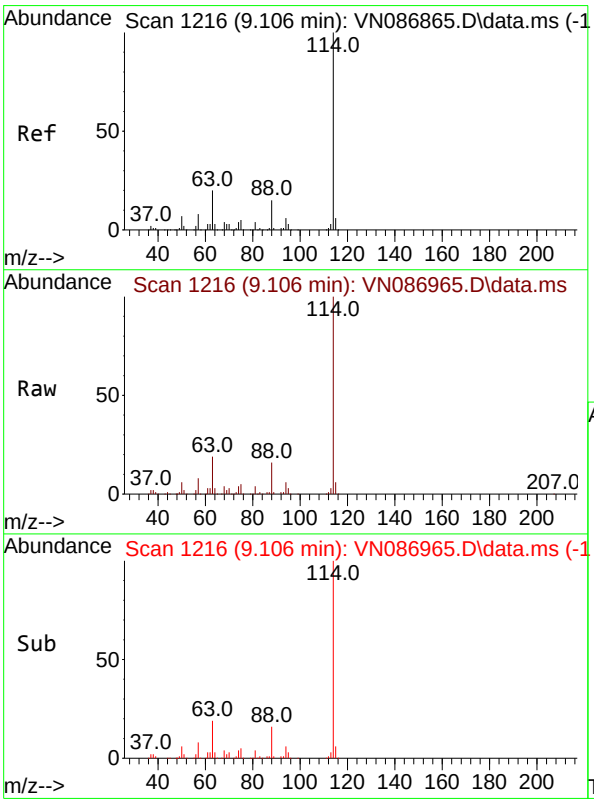
#33
1,2-Dichloroethane-d4
Concen: 52.069 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 123795

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.6

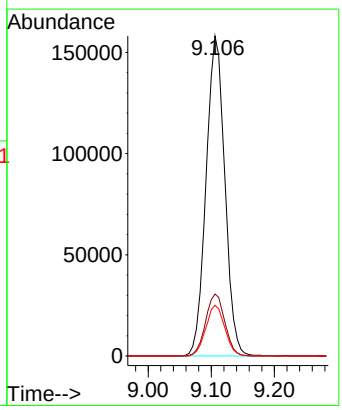


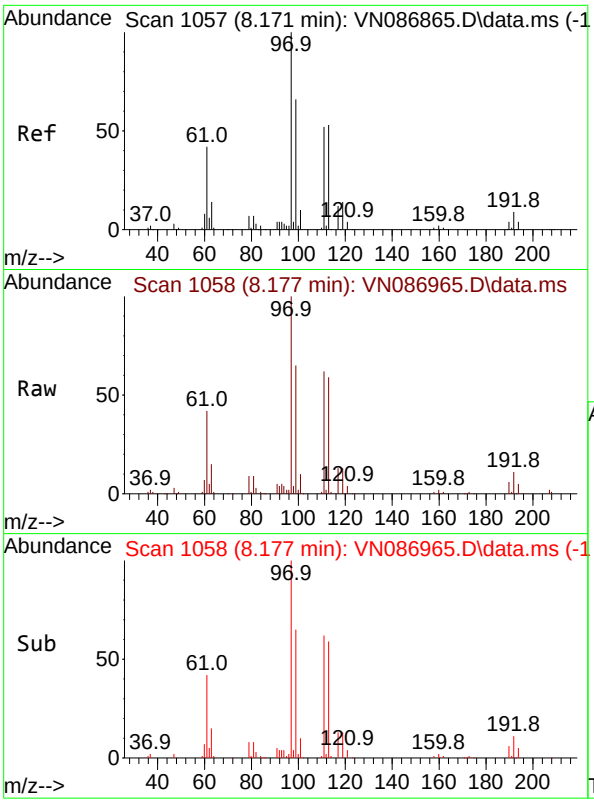


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:114 Resp: 326287

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.6
88	15.8	0.0	30.2



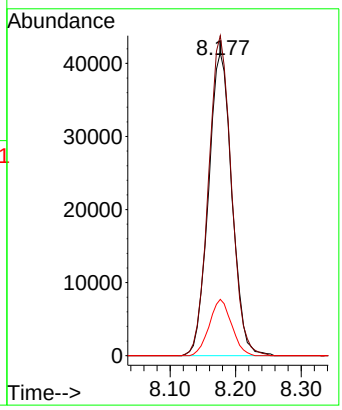


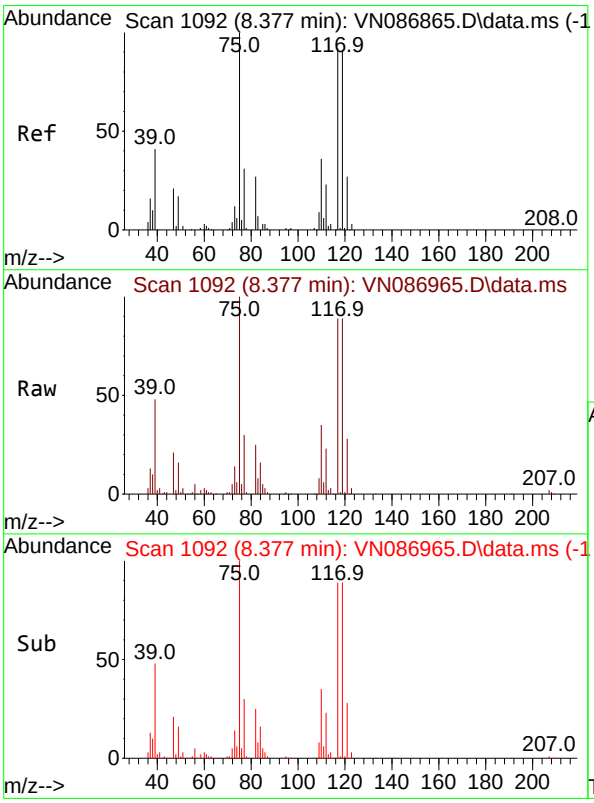
#35
Dibromofluoromethane
Concen: 53.000 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 102484

Ion	Ratio	Lower	Upper
113	100		
111	103.4	84.2	126.2
192	17.7	14.2	21.4

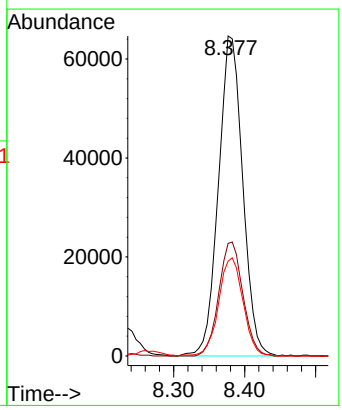


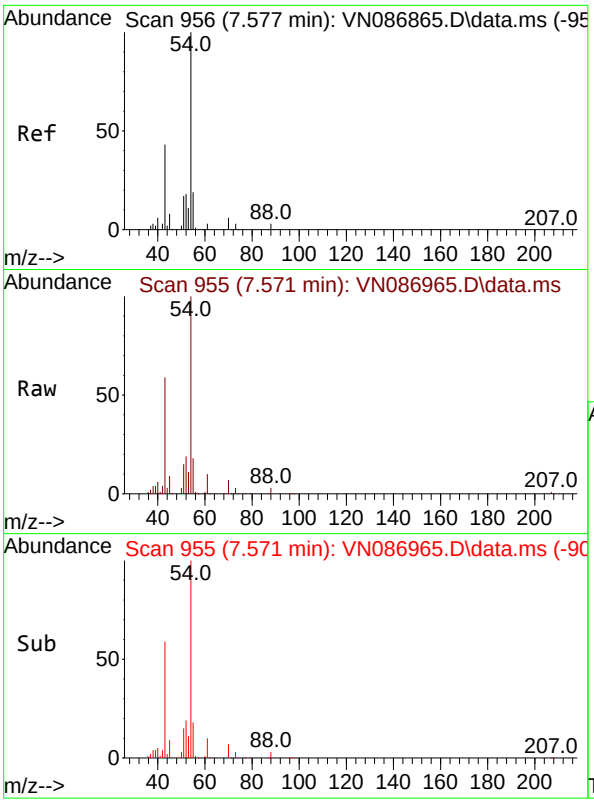


#36
1,1-Dichloropropene
Concen: 53.121 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 153059

Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.6	52.9
77	31.0	25.3	37.9



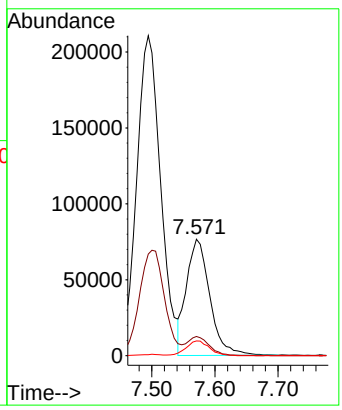


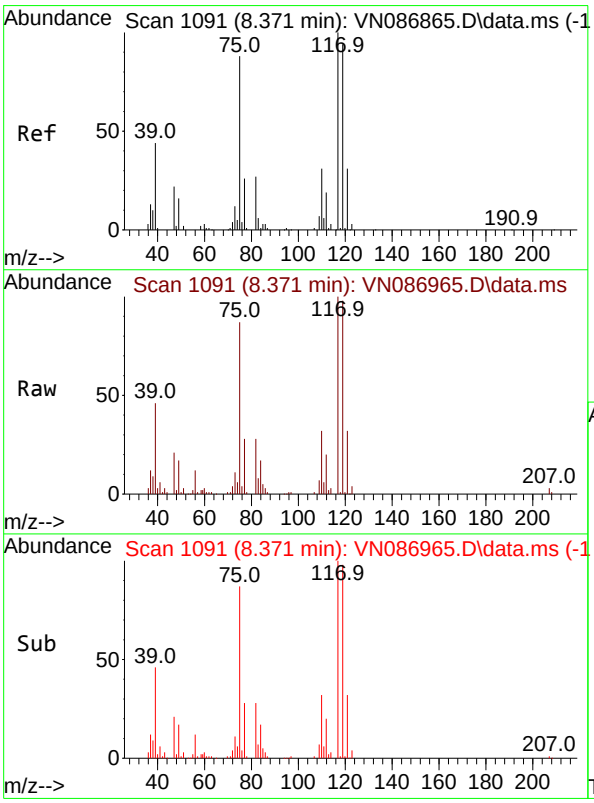
#37
Ethyl Acetate
Concen: 53.483 ug/l
RT: 7.571 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 196171

Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.1	18.1
70	12.7	9.8	14.6

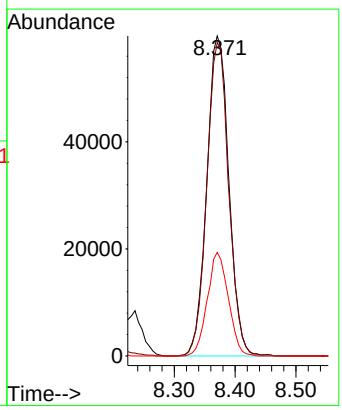


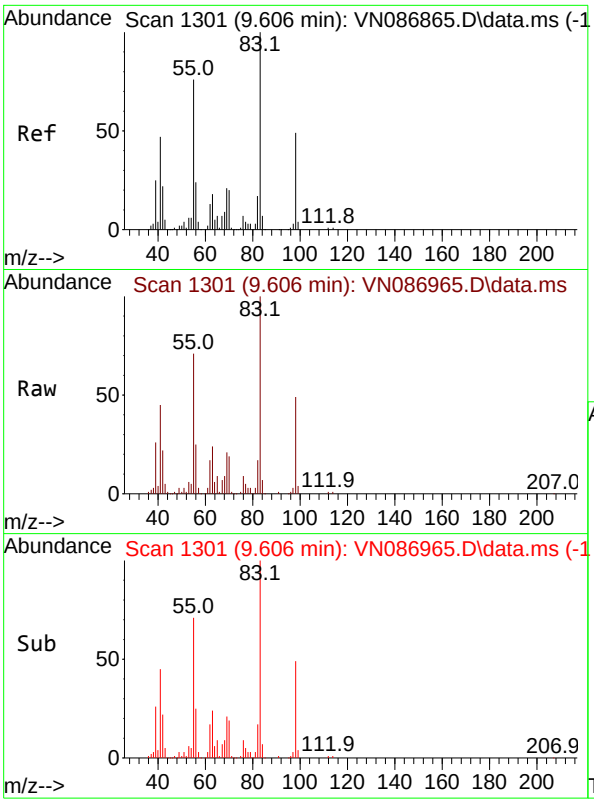


#38
Carbon Tetrachloride
Concen: 53.303 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:117 Resp: 150782

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.0	112.6
121	32.3	24.9	37.3



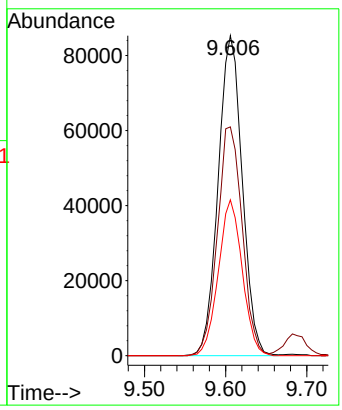


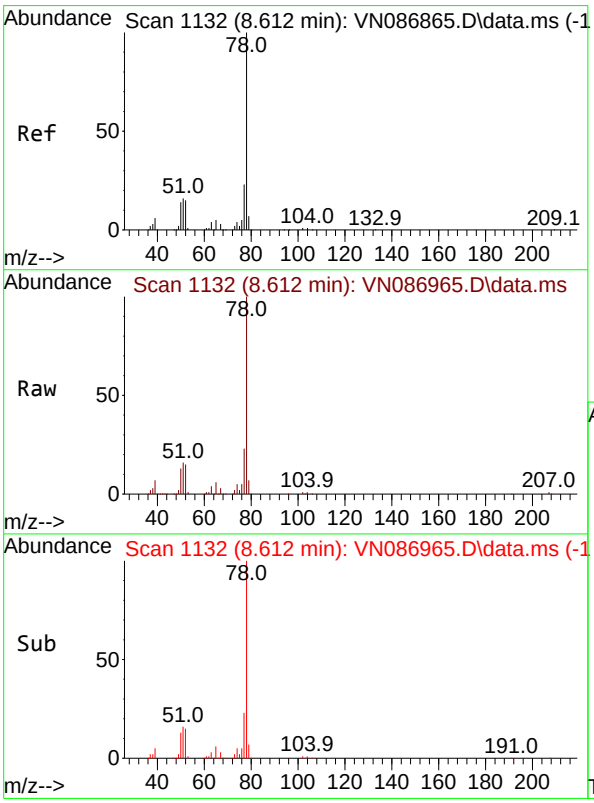
#39
Methylcyclohexane
Concen: 44.605 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 176079

Ion	Ratio	Lower	Upper
83	100		
55	71.5	61.0	91.6
98	48.7	38.9	58.3

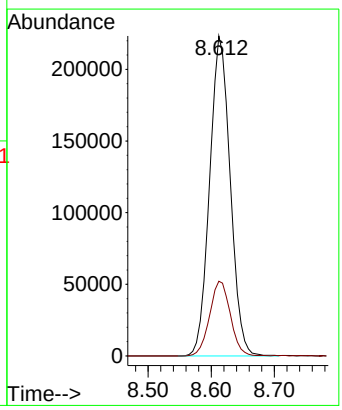


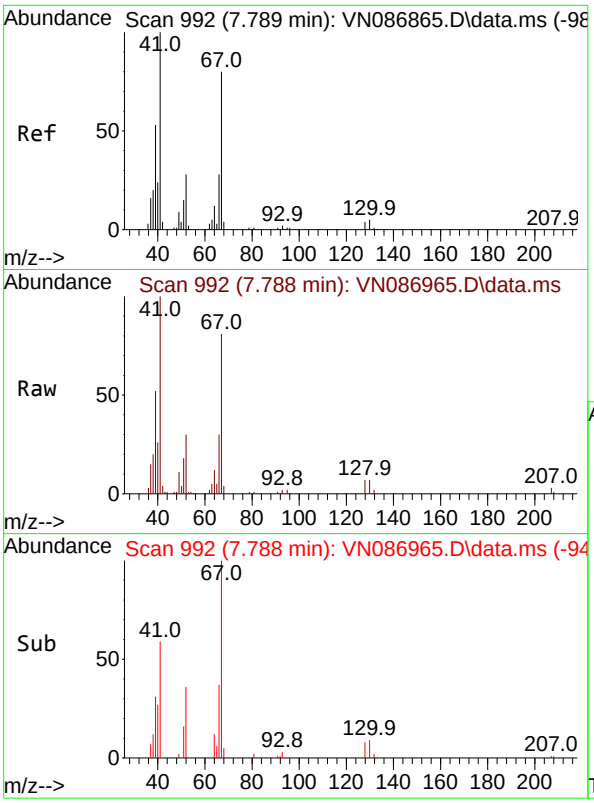


#40
Benzene
Concen: 53.695 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 78 Resp: 505922

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1



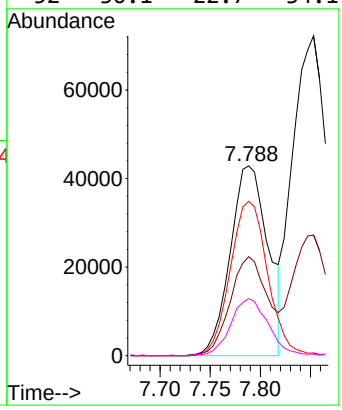


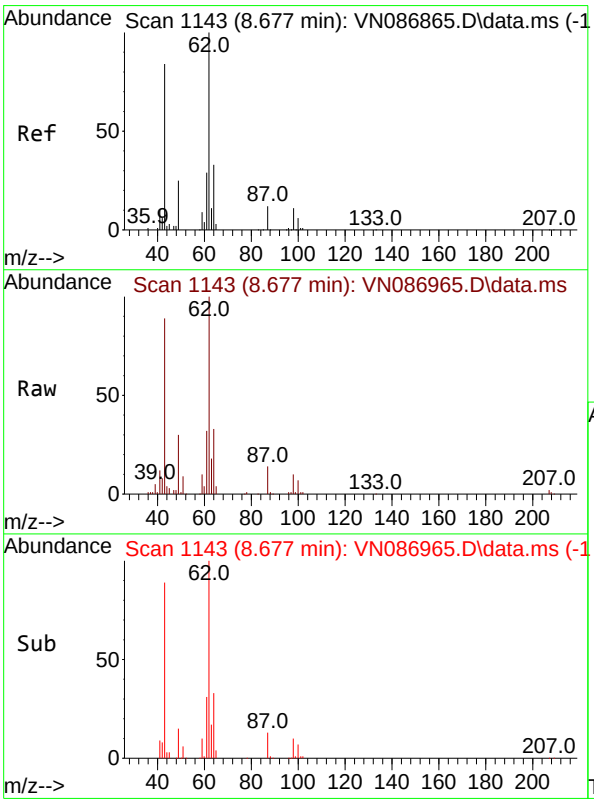
#41
Methacrylonitrile
Concen: 54.646 ug/l
RT: 7.788 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 112567

Ion	Ratio	Lower	Upper
41	100		
39	51.6	41.2	61.8
67	80.7	61.4	92.2
52	30.1	22.7	34.1

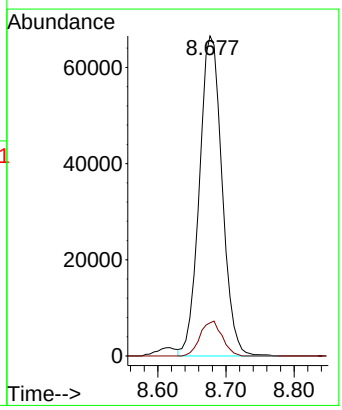


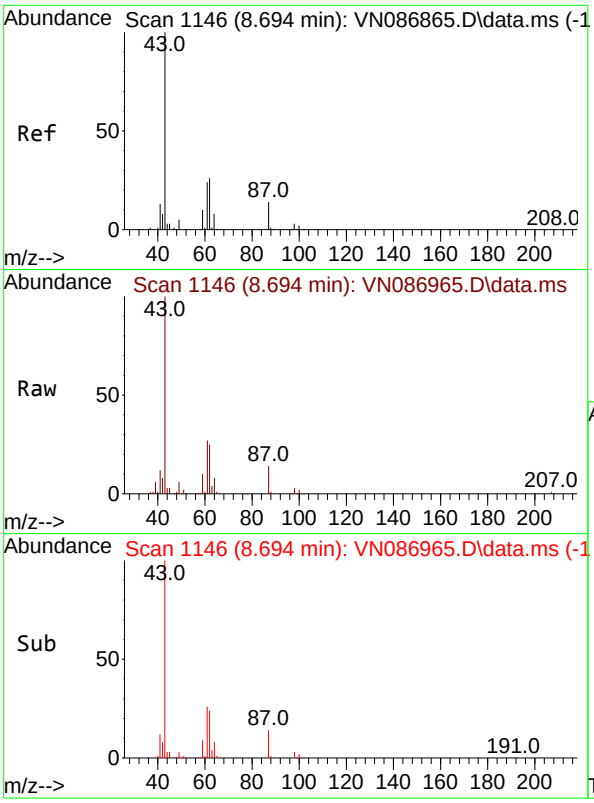


#42
1,2-Dichloroethane
Concen: 53.873 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 62 Resp: 153959

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.2



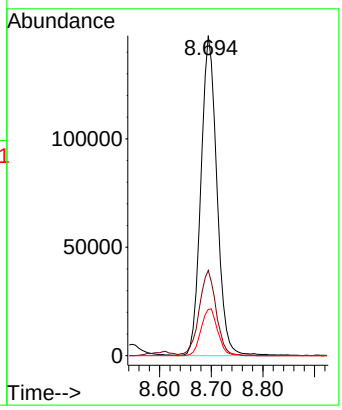


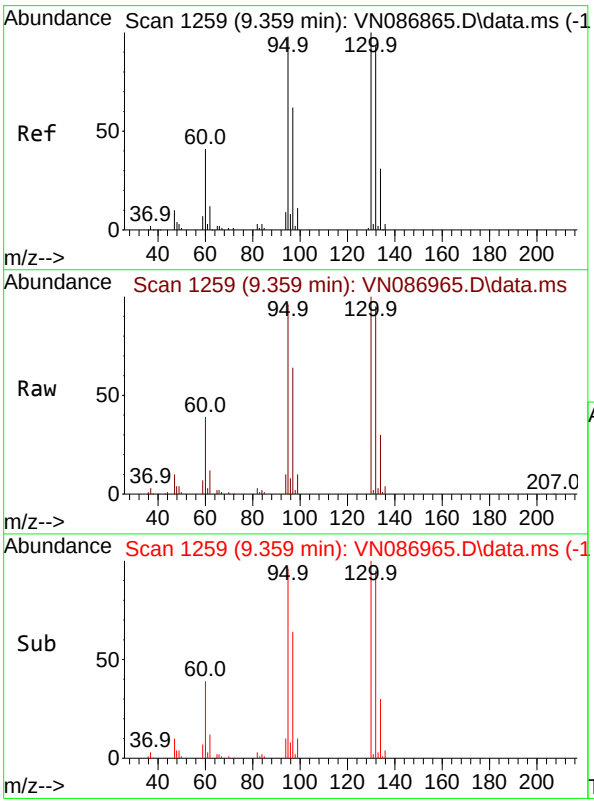
#43
Isopropyl Acetate
Concen: 53.857 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 317059

Ion	Ratio	Lower	Upper
43	100		
61	28.1	22.1	33.1
87	15.2	11.8	17.6

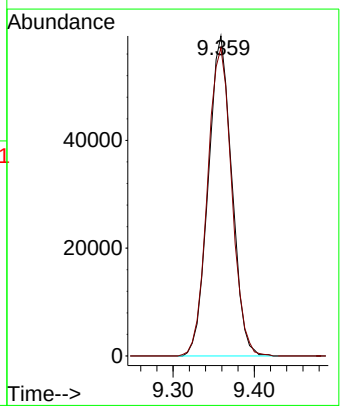


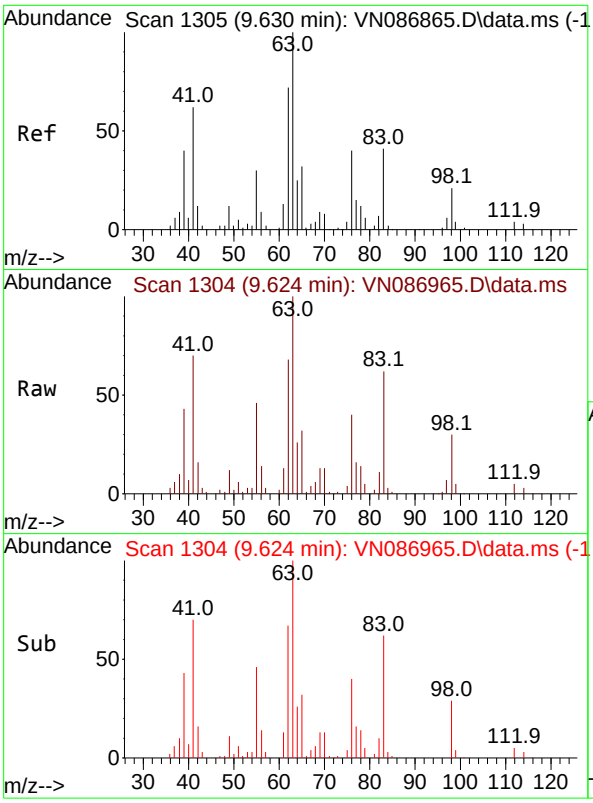


#44
Trichloroethene
Concen: 53.458 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:130 Resp: 119433

Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	196.2



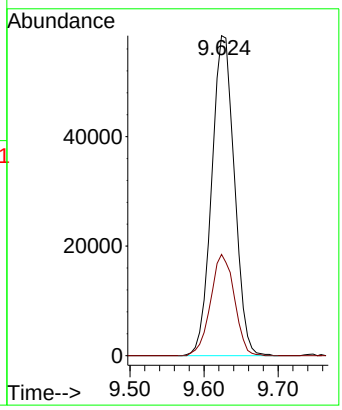


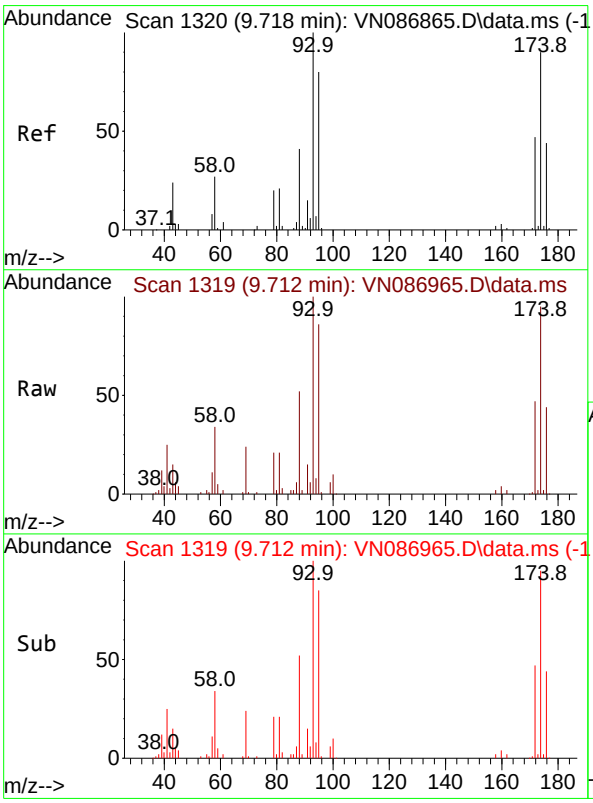
#45
1,2-Dichloropropane
Concen: 54.196 ug/l
RT: 9.624 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 124231

Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.5	38.3

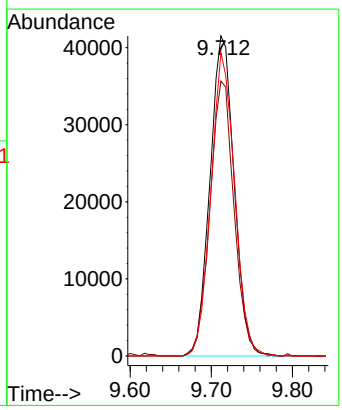


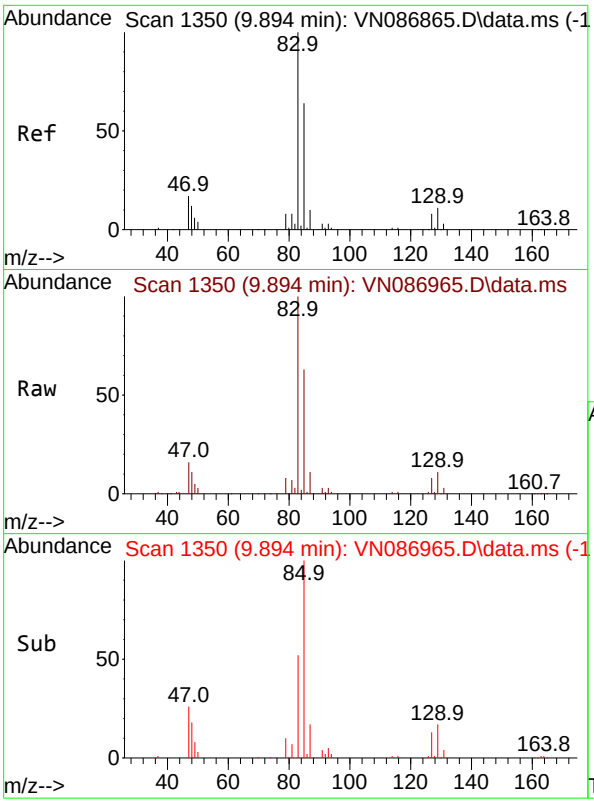


#46
Dibromomethane
Concen: 56.431 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 93 Resp: 85919

Ion	Ratio	Lower	Upper
93	100		
95	85.6	67.1	100.7
174	93.3	74.2	111.4



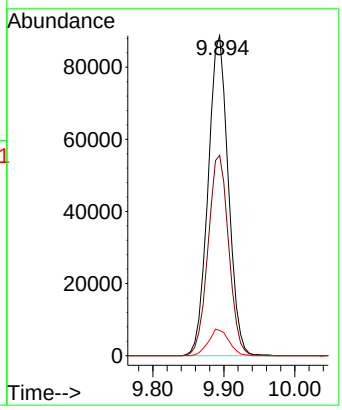


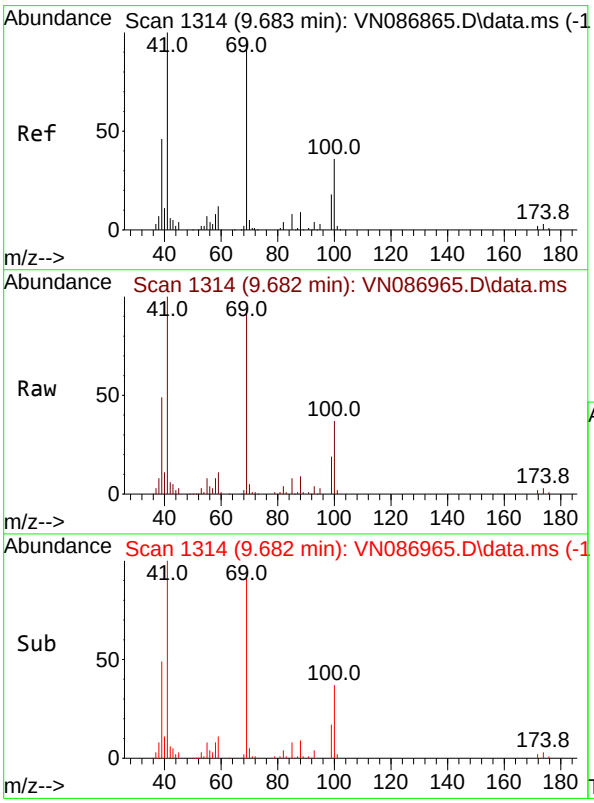
#47
Bromodichloromethane
Concen: 55.894 ug/l
RT: 9.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 175093

Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.9	76.3
127	7.9	6.6	10.0

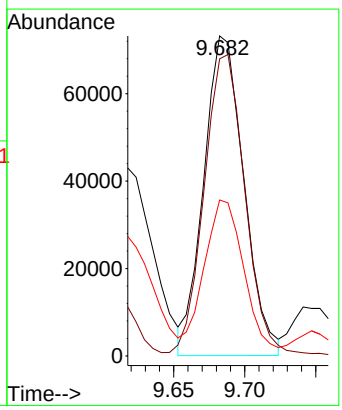


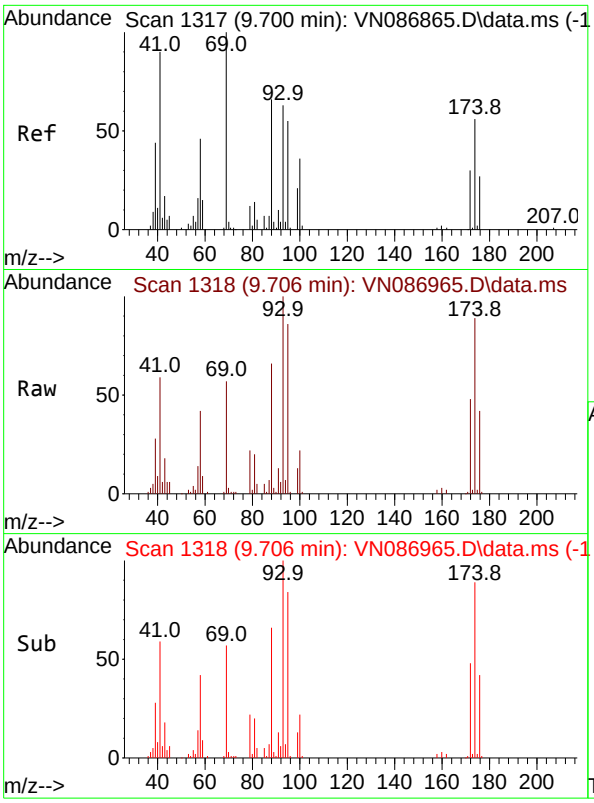


#48
Methyl methacrylate
Concen: 53.046 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 41 Resp: 143734

Ion	Ratio	Lower	Upper
41	100		
69	96.2	74.6	112.0
39	49.3	40.2	60.4



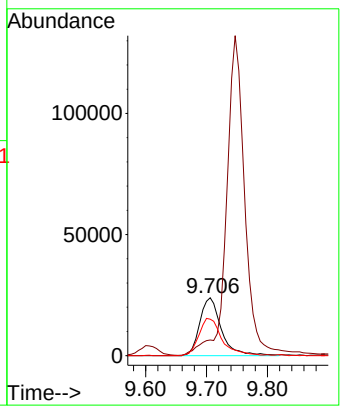


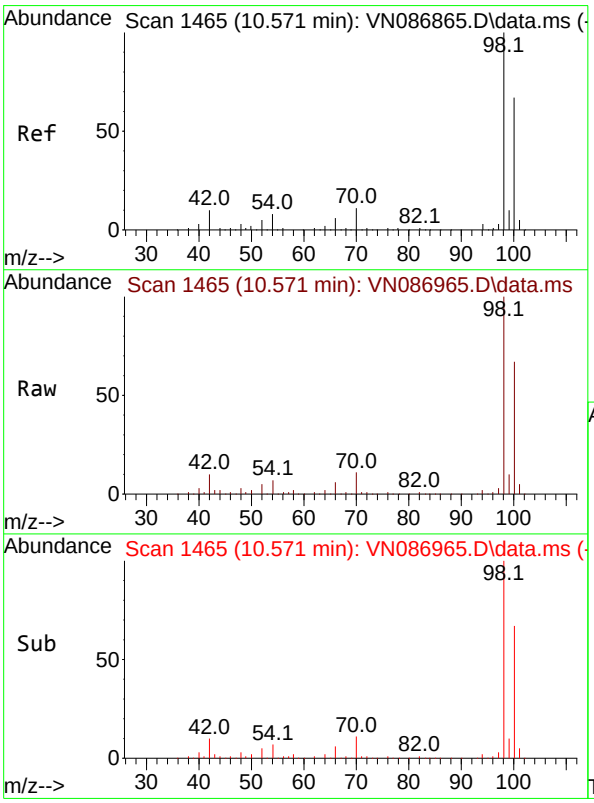
#49
1,4-Dioxane
Concen: 1194.044 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 58859

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	69.1	57.7	86.5

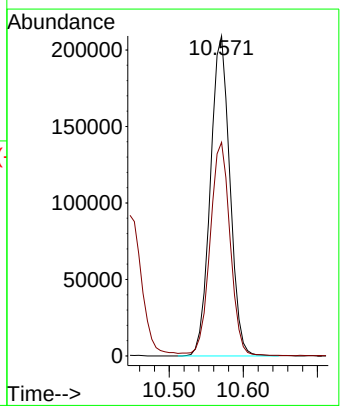


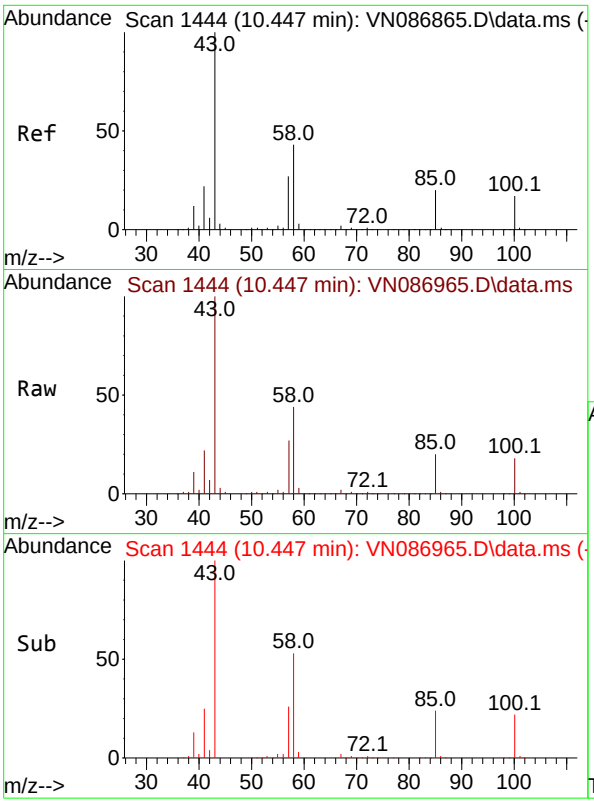


#50
Toluene-d8
Concen: 49.914 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 98 Resp: 382080

Ion	Ratio	Lower	Upper
98	100		
100	68.3	53.4	80.0



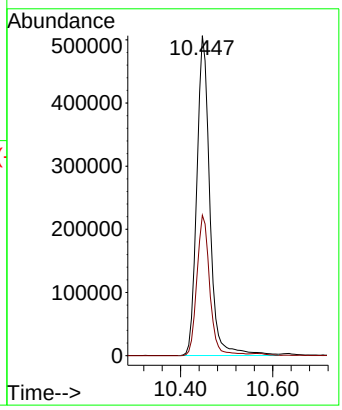


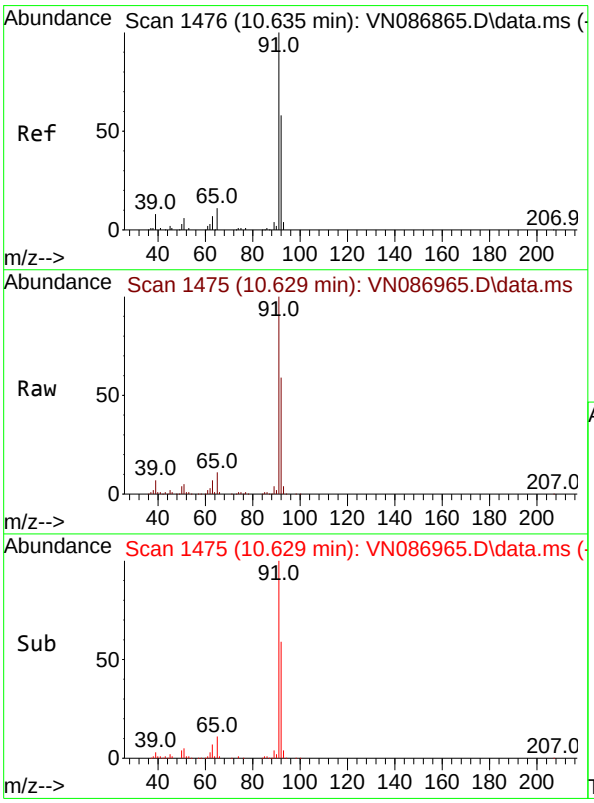
#51
4-Methyl-2-Pentanone
Concen: 281.028 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 995984

Ion	Ratio	Lower	Upper
43	100		
58	43.6	34.2	51.4

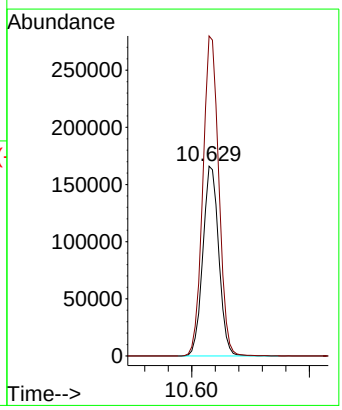


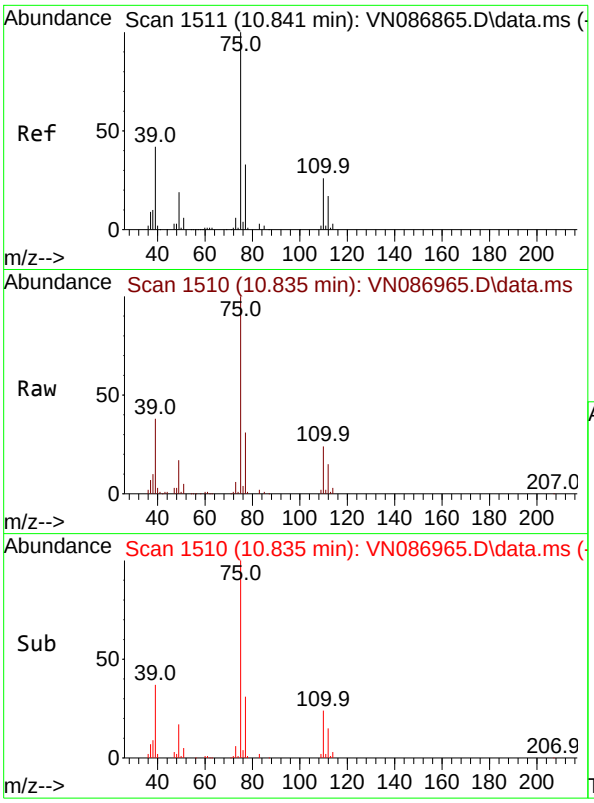


#52
Toluene
Concen: 53.976 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 92 Resp: 310797

Ion	Ratio	Lower	Upper
92	100		
91	169.1	136.5	204.7



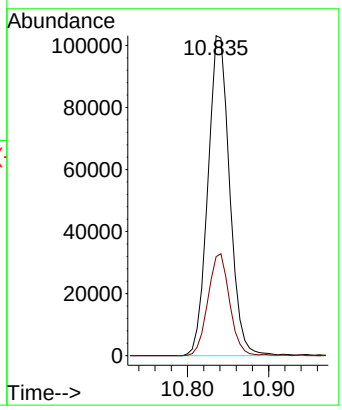


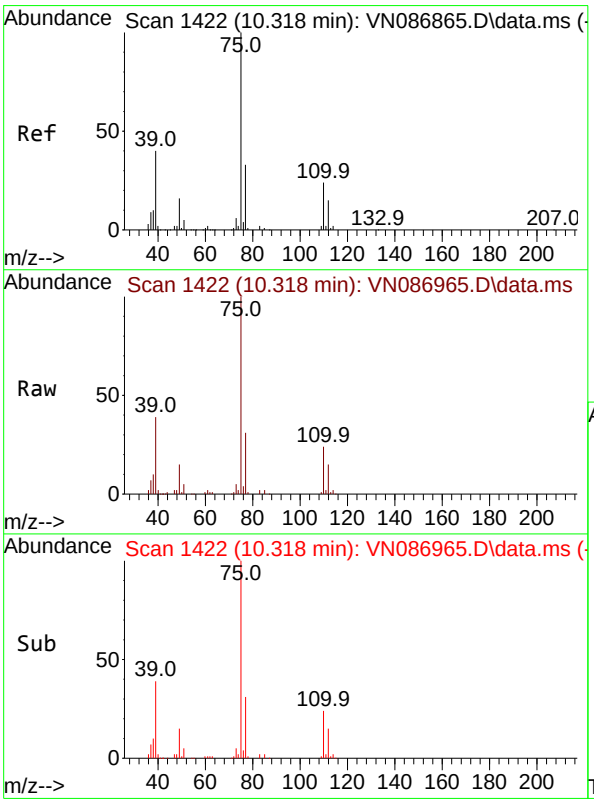
#53
t-1,3-Dichloropropene
Concen: 54.745 ug/l
RT: 10.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 191765

Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.4	39.6

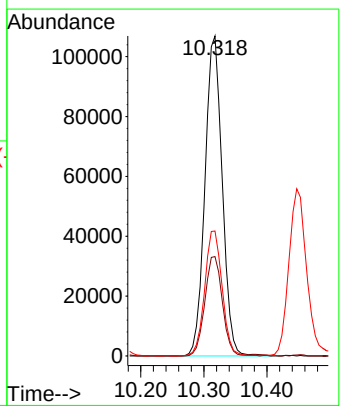


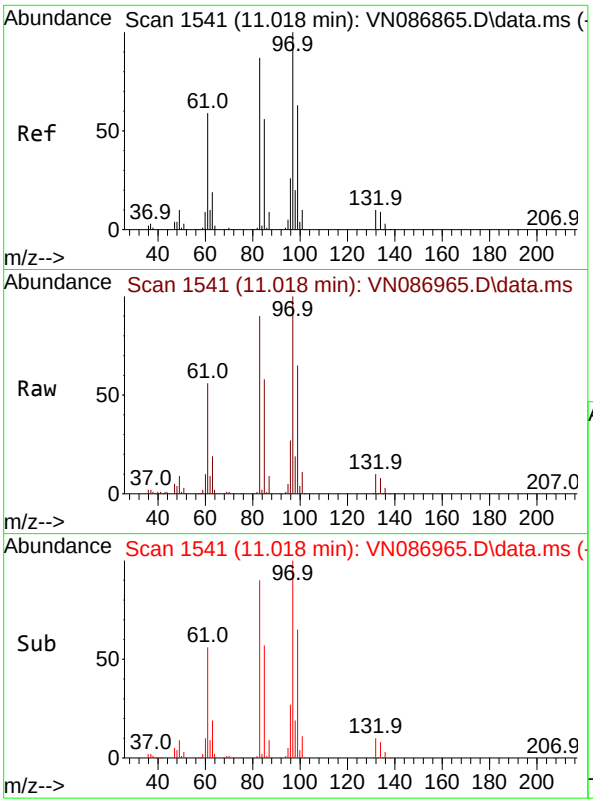


#54
cis-1,3-Dichloropropene
Concen: 54.242 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 203300

Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.4
39	39.0	32.3	48.5



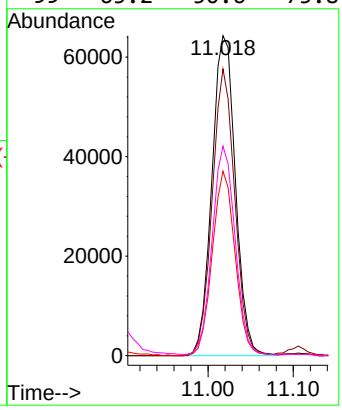


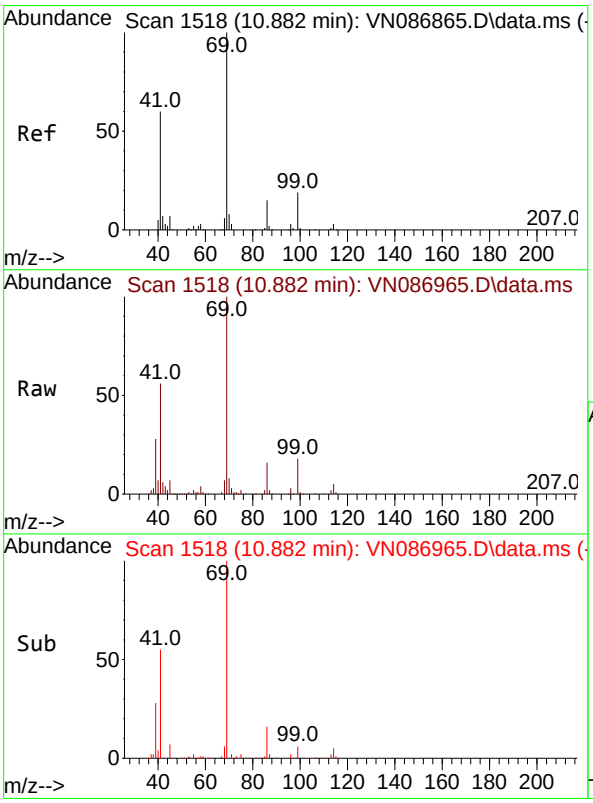
#55
1,1,2-Trichloroethane
Concen: 55.842 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 123723

Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.7	104.5
85	57.7	45.1	67.7
99	65.2	50.6	75.8

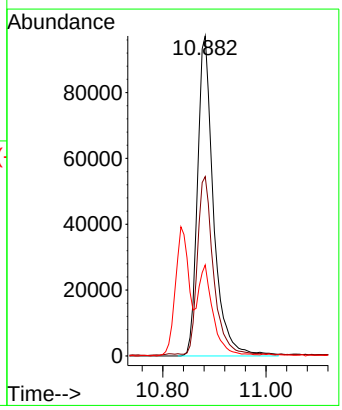


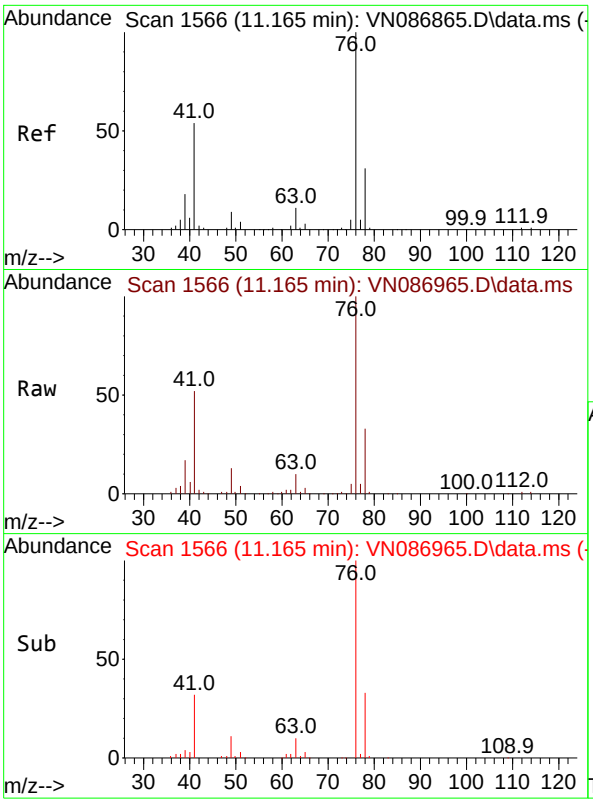


#56
Ethyl methacrylate
Concen: 59.246 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 69 Resp: 209075

Ion	Ratio	Lower	Upper
69	100		
41	55.6	47.2	70.8
39	26.5	23.0	34.6



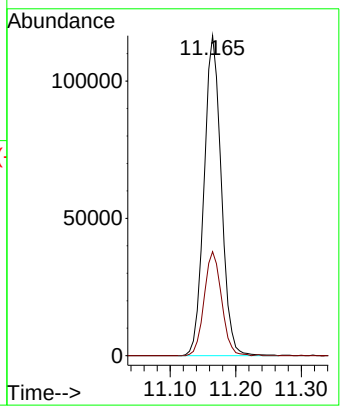


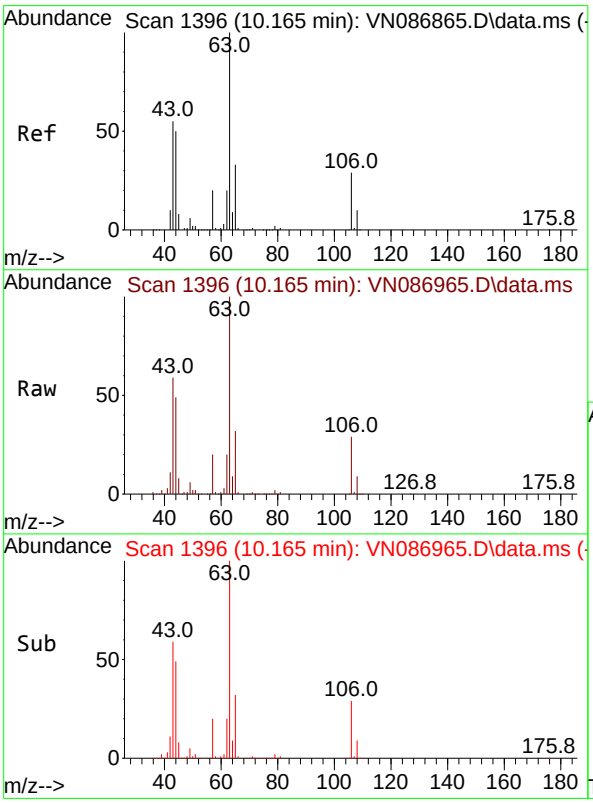
#57
1,3-Dichloropropane
Concen: 55.319 ug/l
RT: 11.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 212617

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.3	37.9

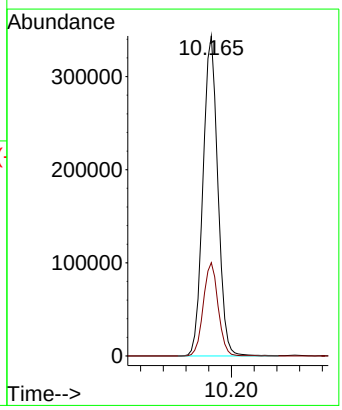


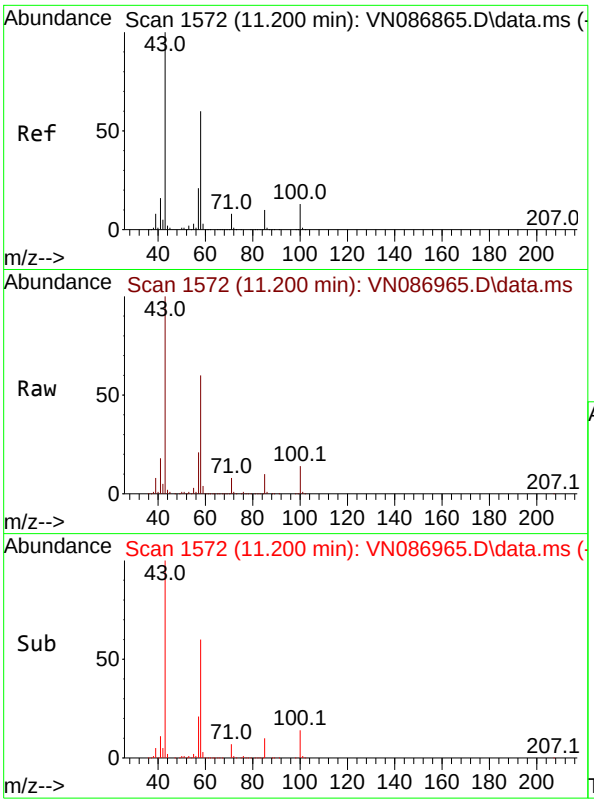


#58
2-Chloroethyl Vinyl ether
Concen: 295.338 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 63 Resp: 621634

Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.0	34.6



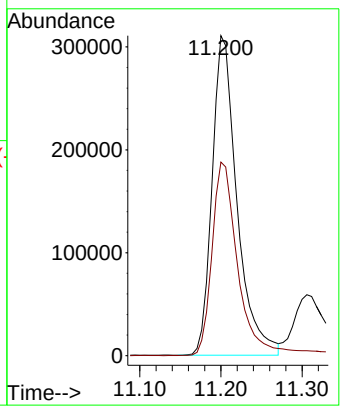


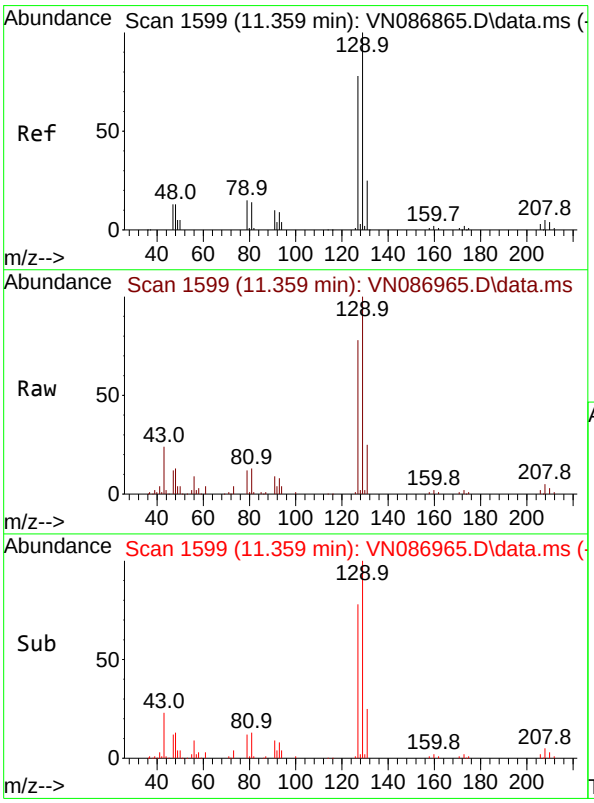
#59
2-Hexanone
Concen: 289.751 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 661460

Ion	Ratio	Lower	Upper
43	100		
58	65.1	30.4	91.3

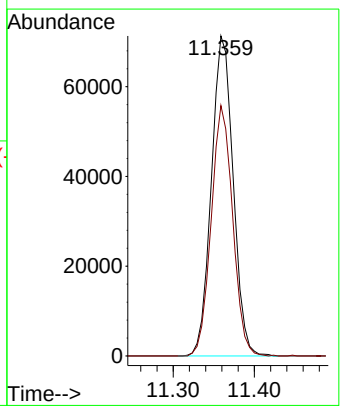


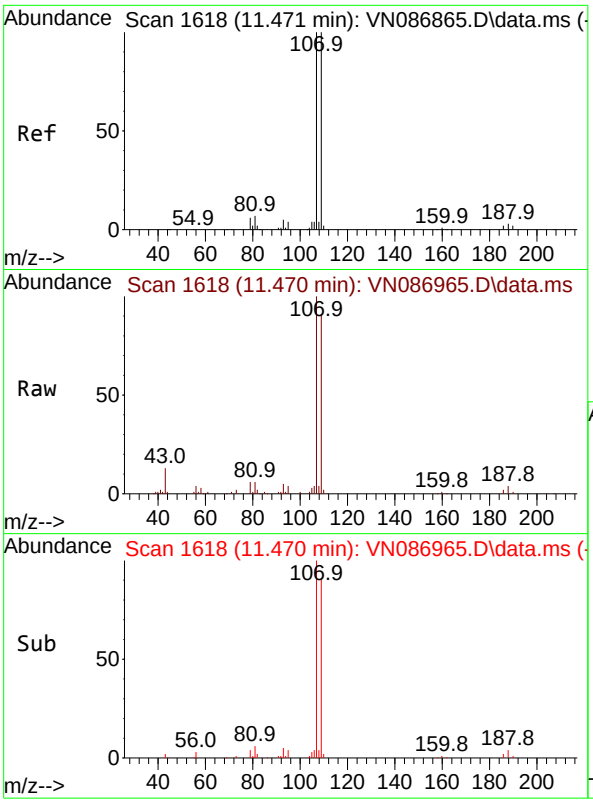


#60
Dibromochloromethane
Concen: 57.580 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:129 Resp: 132918

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.8



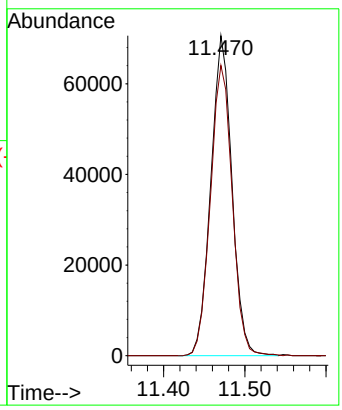


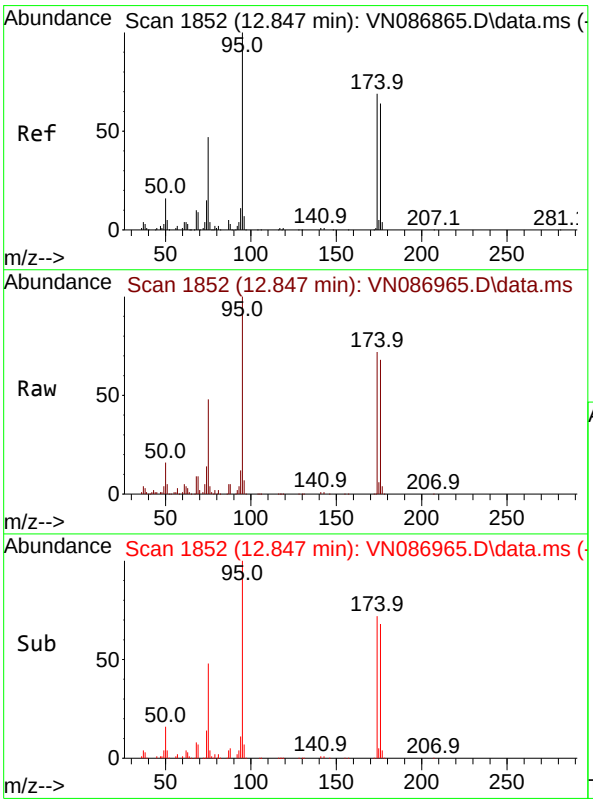
#61
1,2-Dibromoethane
Concen: 56.119 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 127444

Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.3	114.5

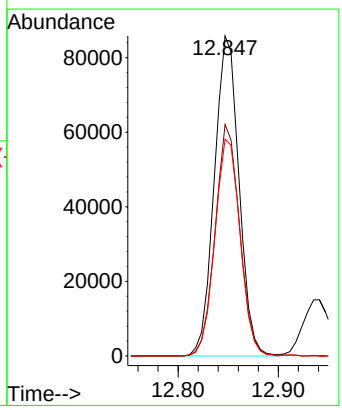


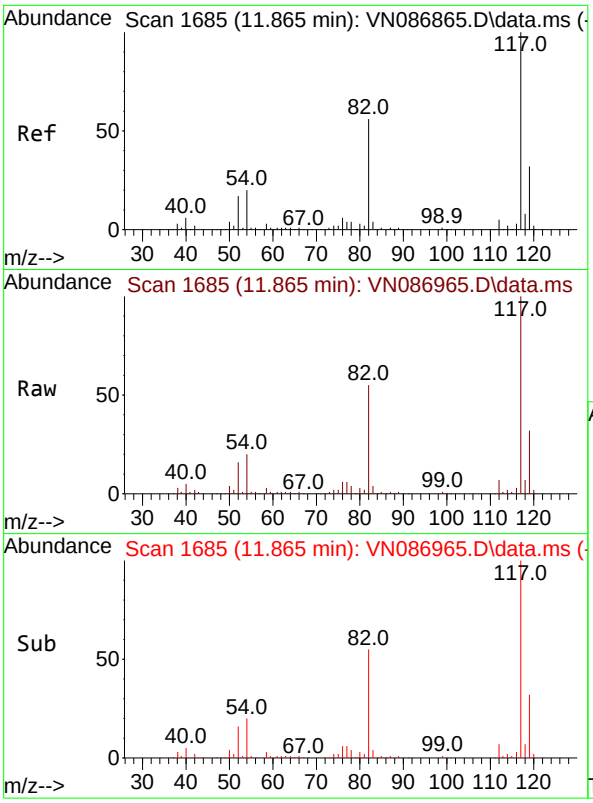


#62
4-Bromofluorobenzene
Concen: 51.499 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 95 Resp: 146464

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	141.8
176	69.3	0.0	132.6



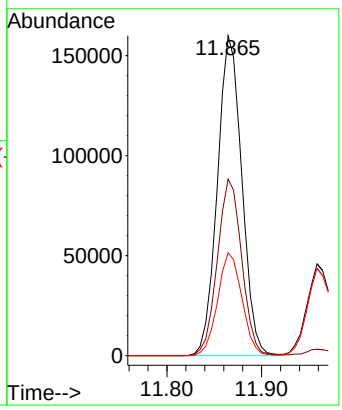


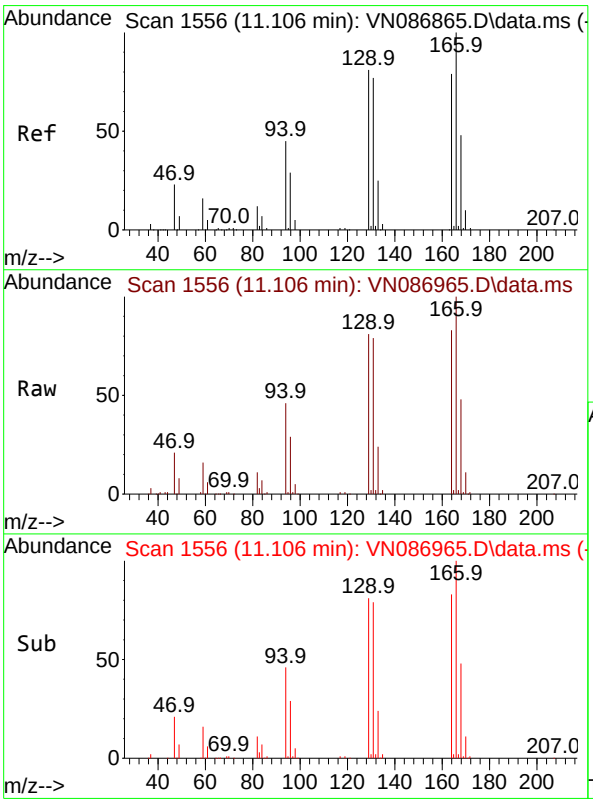
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 286630

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	67.0
119	32.2	25.5	38.3

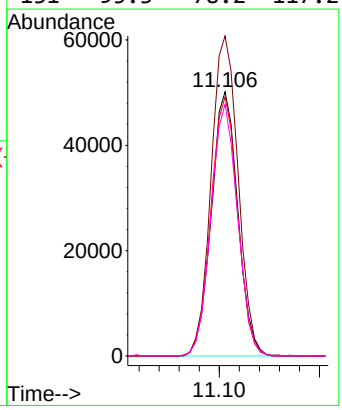


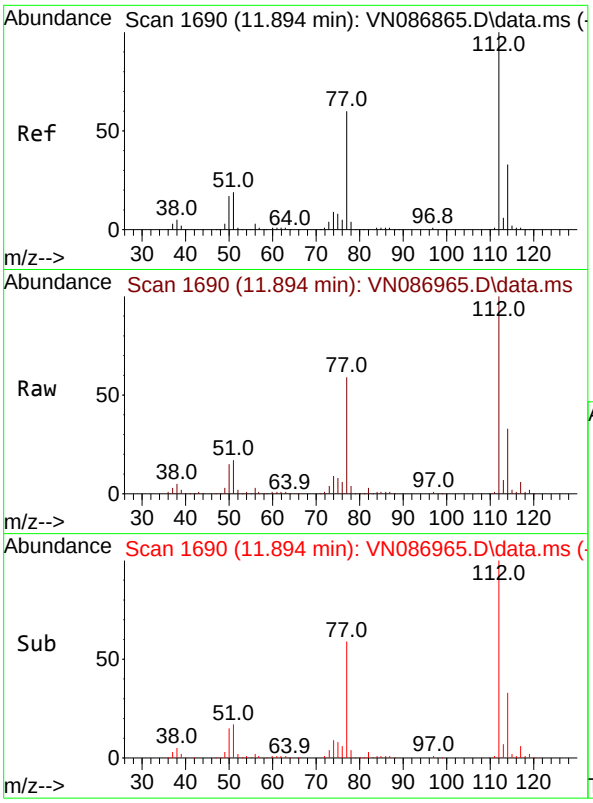


#64
Tetrachloroethene
Concen: 50.534 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:164 Resp: 91667

Ion	Ratio	Lower	Upper
164	100		
166	121.1	101.8	152.8
129	98.1	83.0	124.4
131	95.3	78.2	117.2



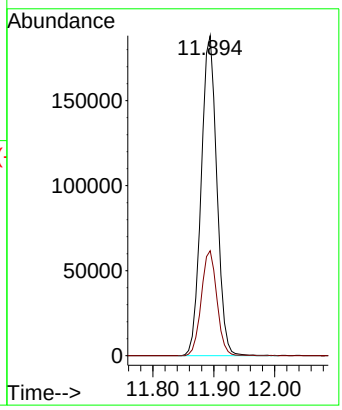


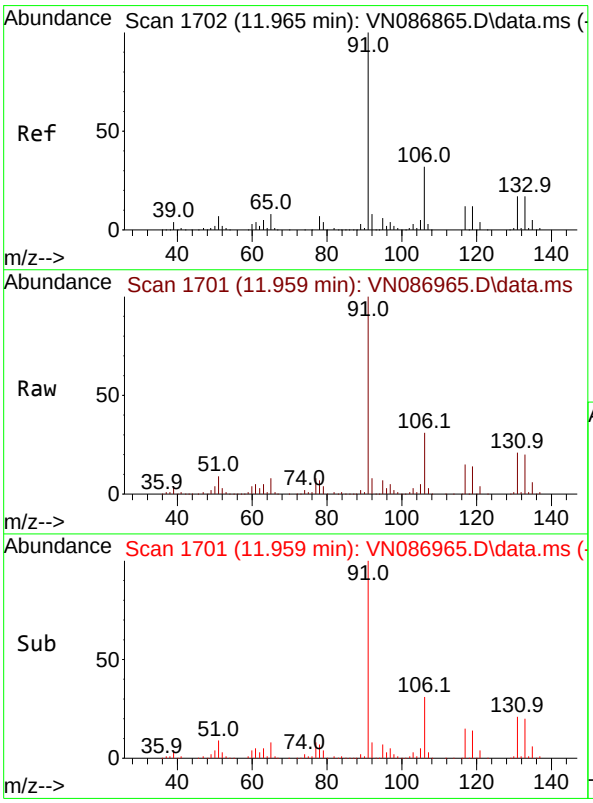
#65
Chlorobenzene
Concen: 53.206 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 336350

Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.2	39.2

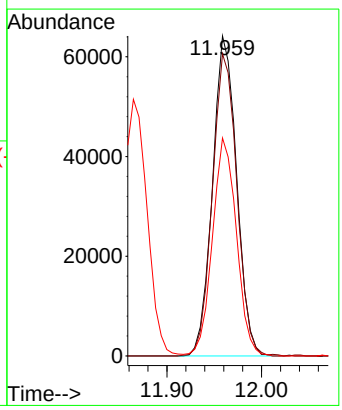


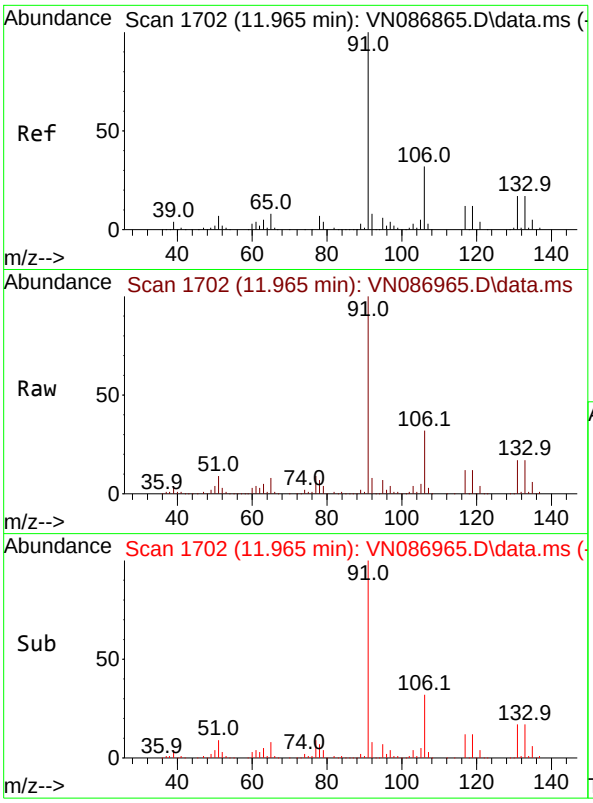


#66
1,1,1,2-Tetrachloroethane
Concen: 55.835 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:131 Resp: 113463

Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.3	144.8
119	67.8	34.0	101.8



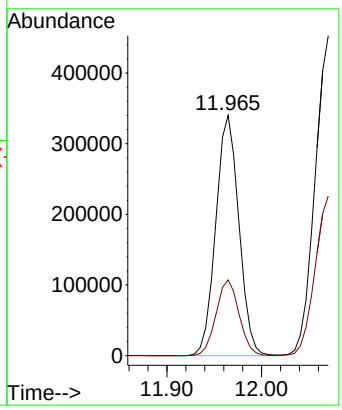


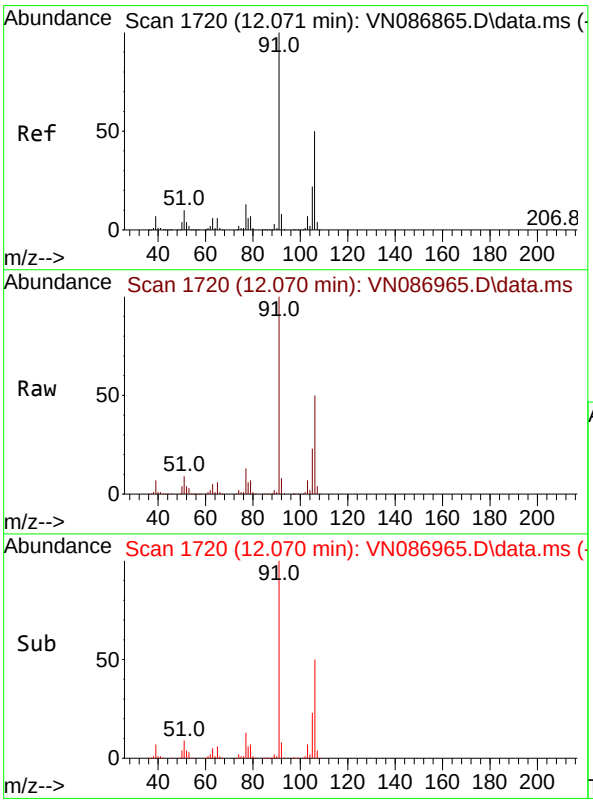
#67
Ethyl Benzene
Concen: 52.952 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 576593

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.4	38.2

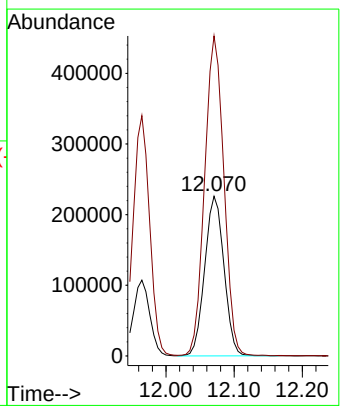


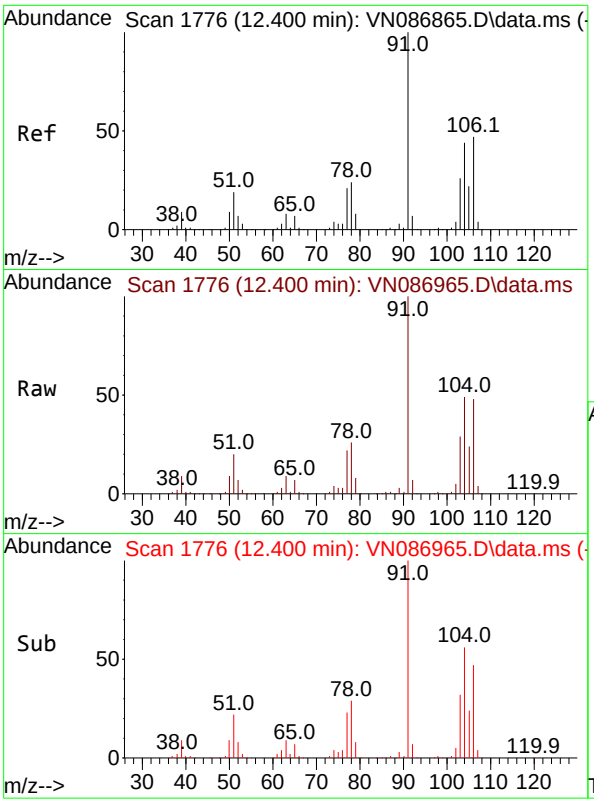


#68
m/p-Xylenes
Concen: 106.561 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:106 Resp: 444183

Ion	Ratio	Lower	Upper
106	100		
91	199.8	159.4	239.0



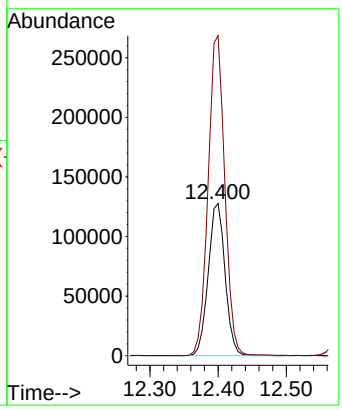


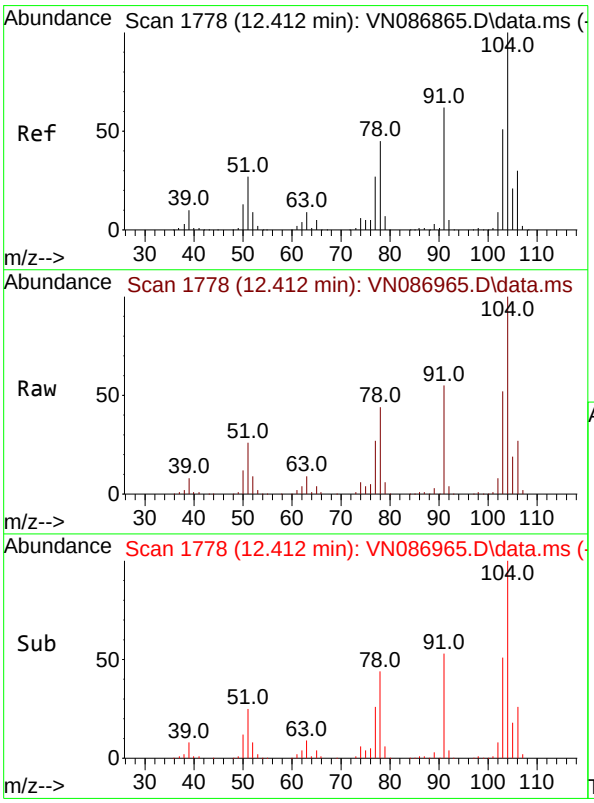
#69
o-Xylene
Concen: 54.963 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 219424

Ion	Ratio	Lower	Upper
106	100		
91	208.2	106.1	318.1

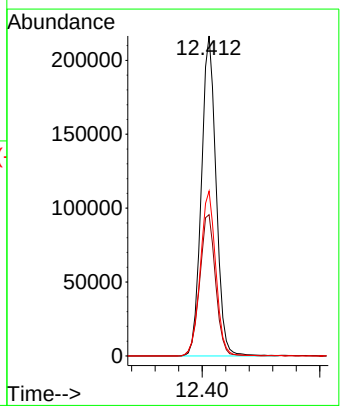


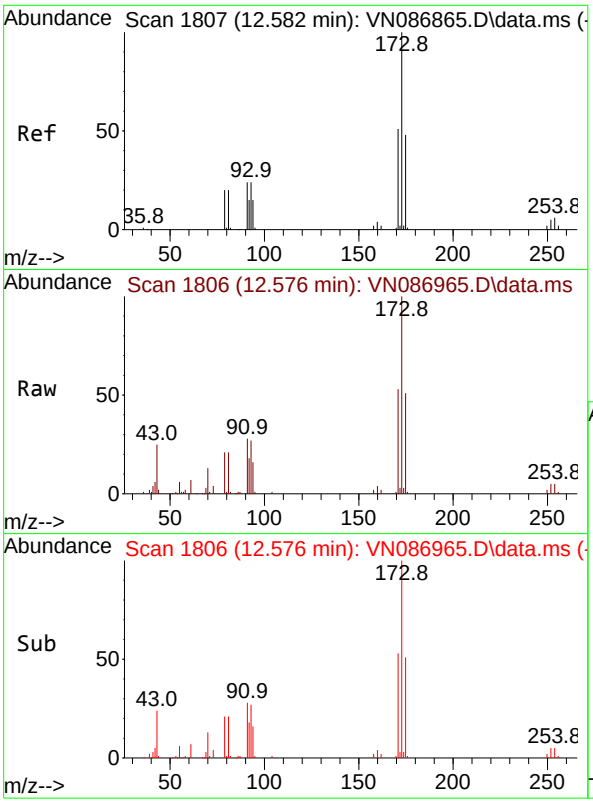


#70
Styrene
Concen: 55.293 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:104 Resp: 377725

Ion	Ratio	Lower	Upper
104	100		
78	47.3	38.5	57.7
103	53.9	43.1	64.7



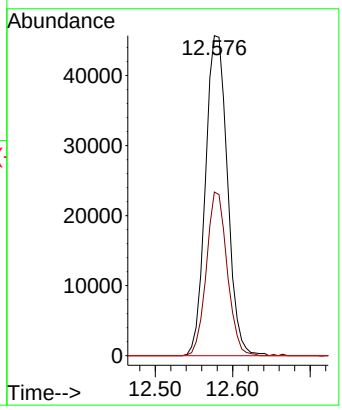


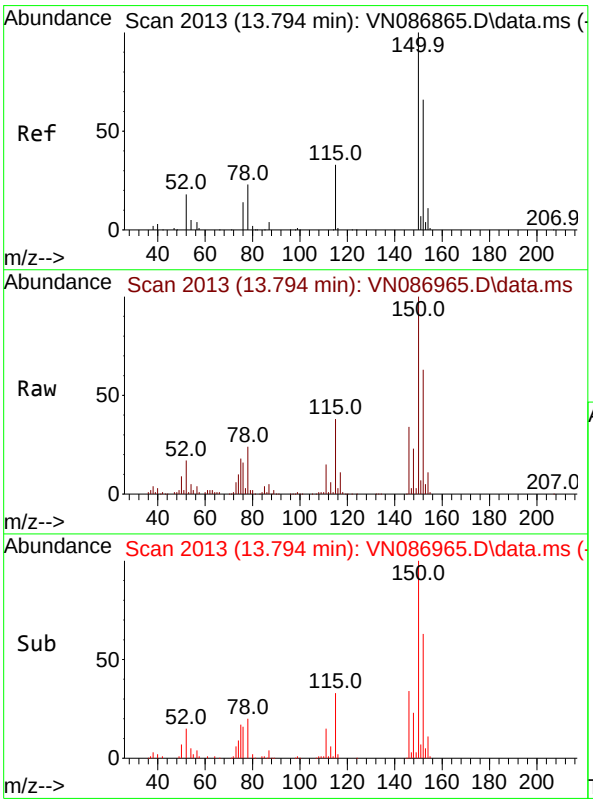
#71
Bromoform
Concen: 59.559 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 89676

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.4
254	0.0	0.0	0.0

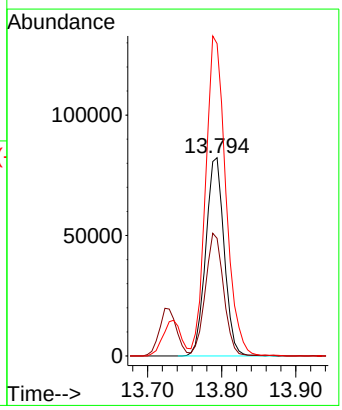


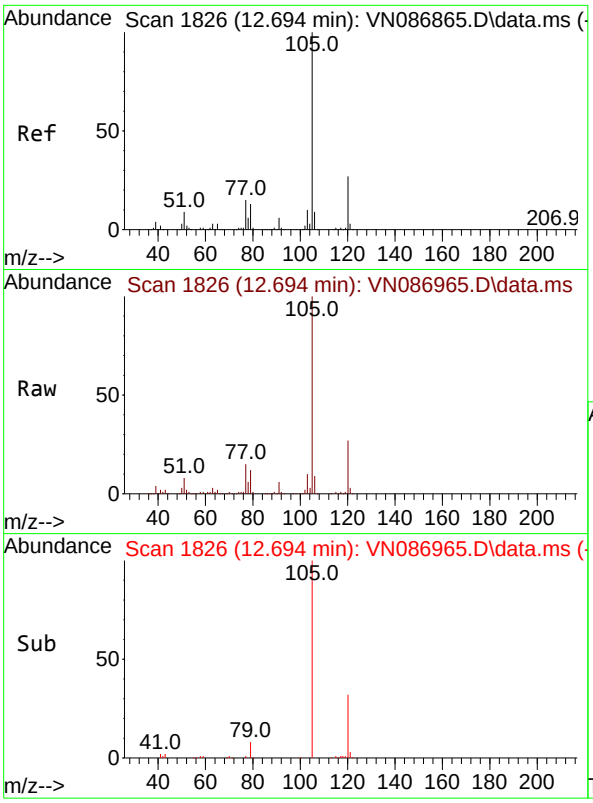


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:152 Resp: 142002

Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.1	90.5
150	176.0	0.0	345.0



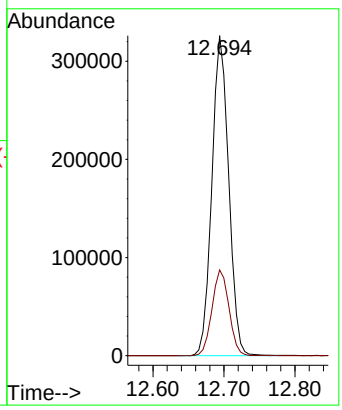


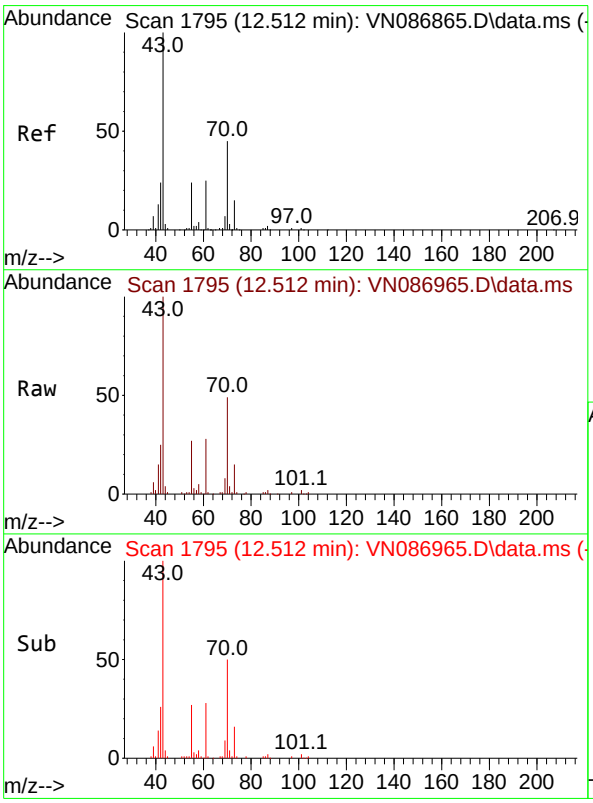
#73
Isopropylbenzene
Concen: 51.622 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 534031

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4

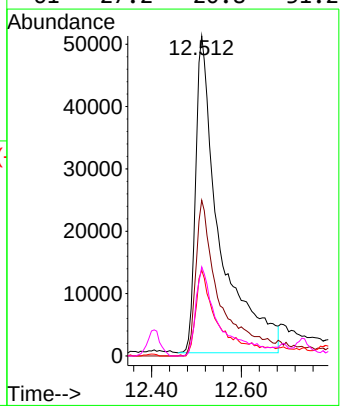


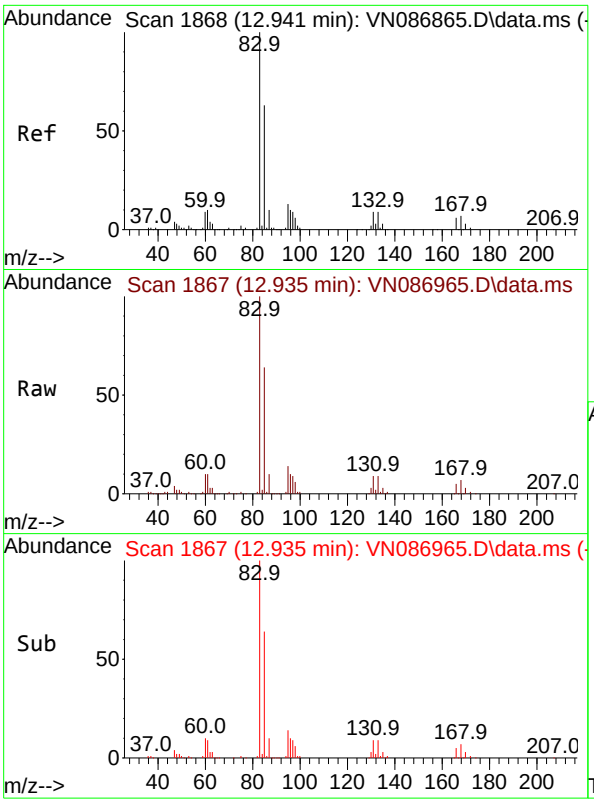


#74
N-amyl acetate
Concen: 52.216 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 188759

Ion	Ratio	Lower	Upper
43	100		
70	49.1	37.6	56.4
55	26.3	19.0	28.6
61	27.2	20.8	31.2



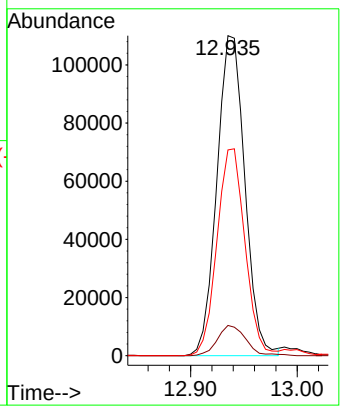


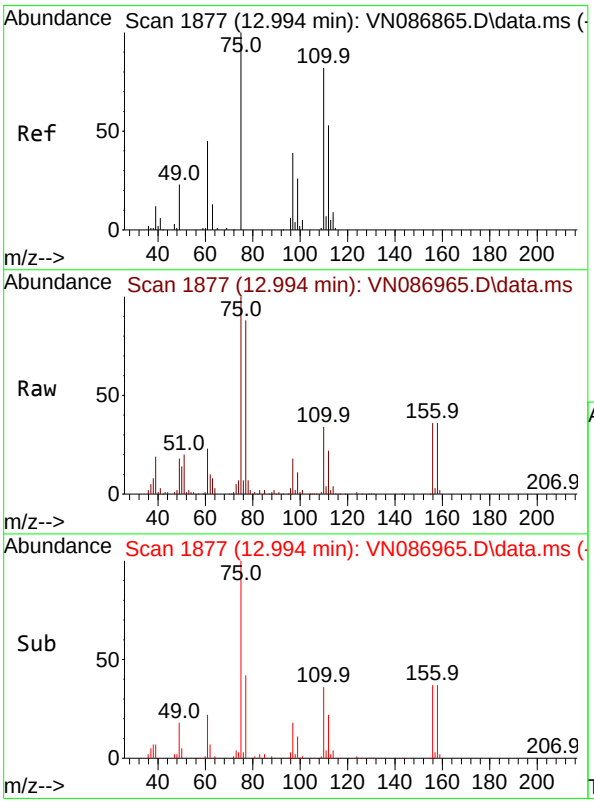
#75
1,1,2,2-Tetrachloroethane
Concen: 57.301 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 200820

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	64.7	32.0	96.0

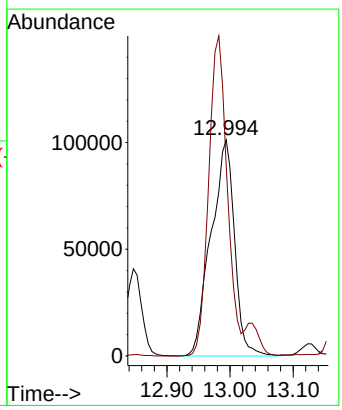


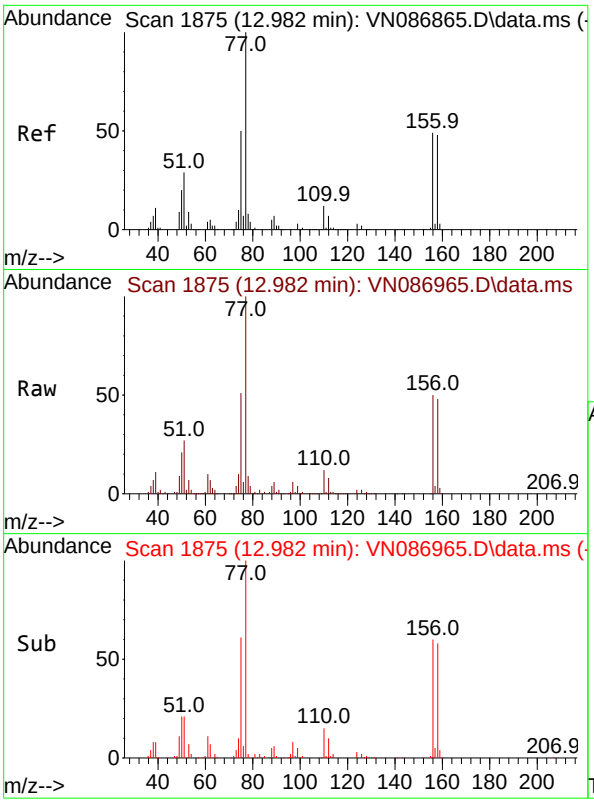


#76
1,2,3-Trichloropropane
Concen: 77.632 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 262042

Ion	Ratio	Lower	Upper
75	100		
77	116.7	79.3	237.9



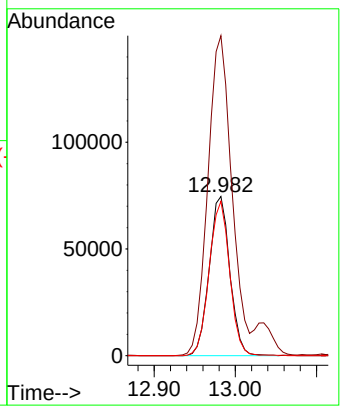


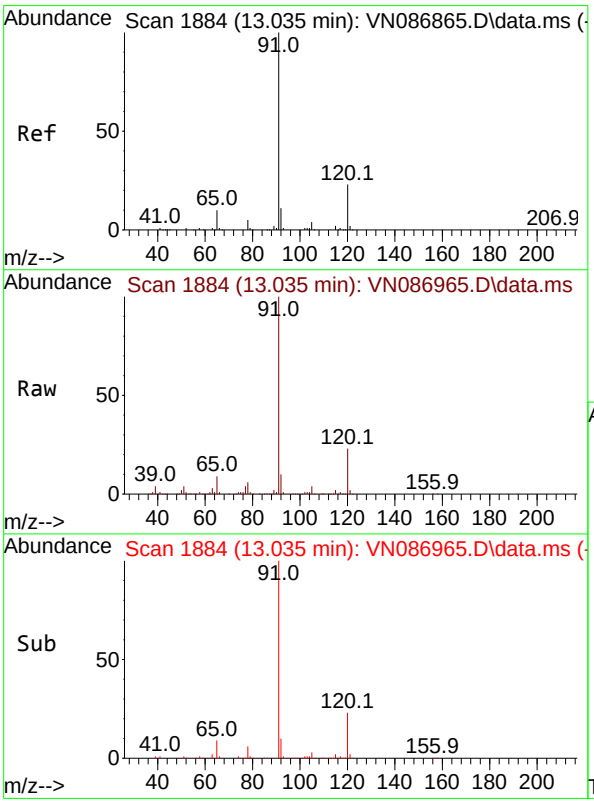
#77
Bromobenzene
Concen: 55.583 ug/l
RT: 12.982 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 131869

Ion	Ratio	Lower	Upper
156	100		
77	232.0	117.7	353.1
158	96.4	48.1	144.4

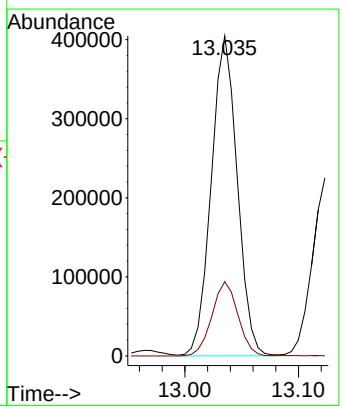


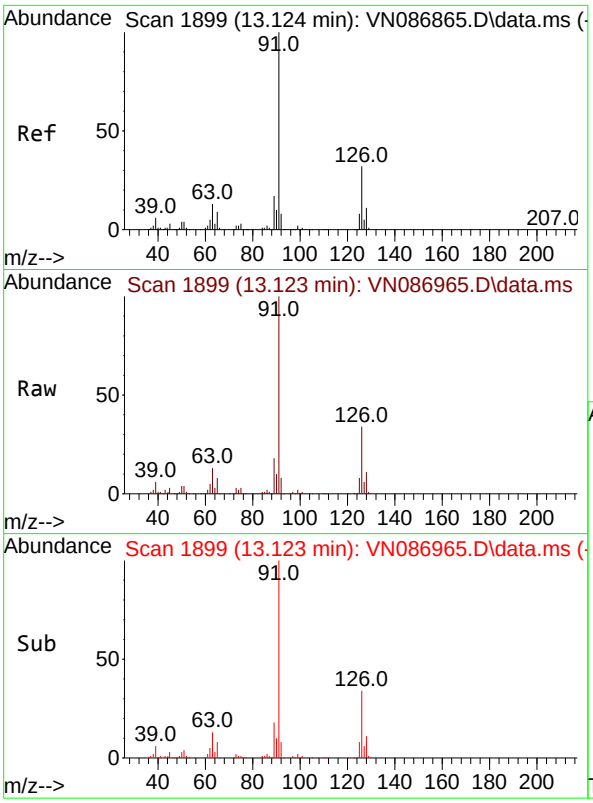


#78
n-propylbenzene
Concen: 51.178 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 91 Resp: 643398

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.4	34.2



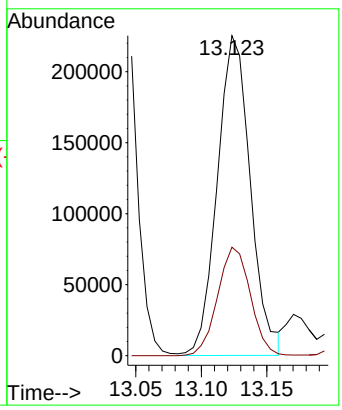


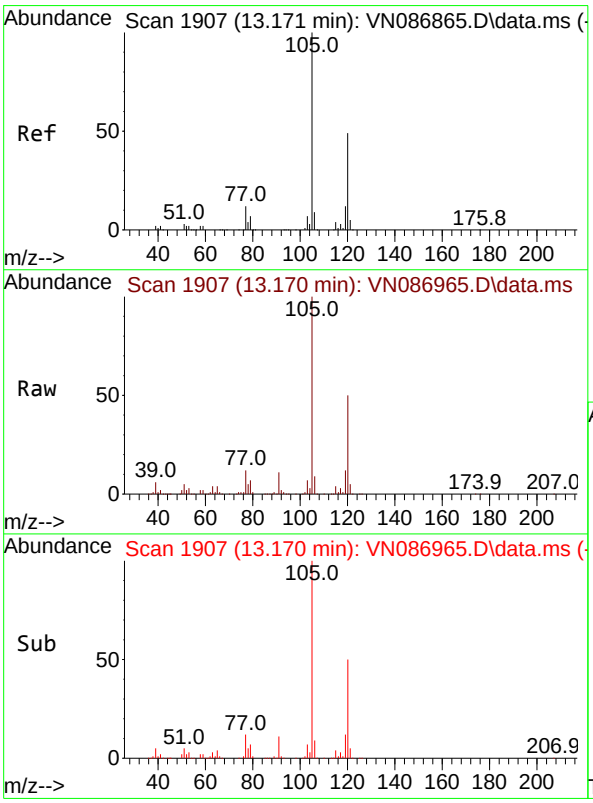
#79
2-Chlorotoluene
Concen: 52.371 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 394854

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.2	48.5

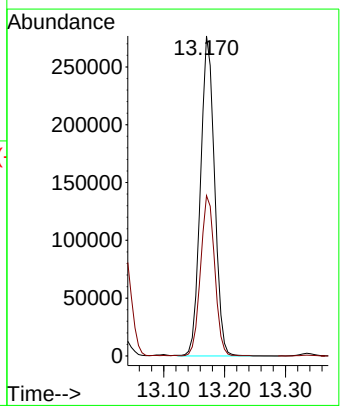


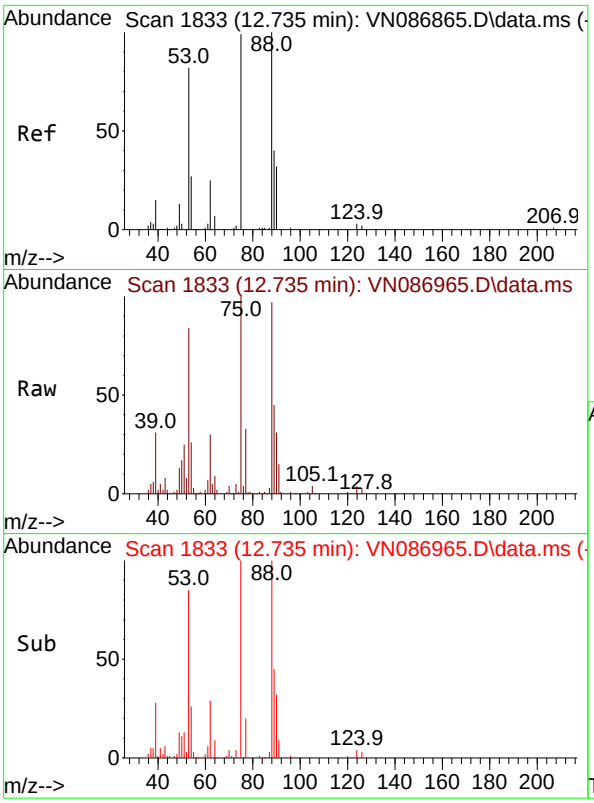


#80
1,3,5-Trimethylbenzene
Concen: 51.914 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:105 Resp: 443398

Ion	Ratio	Lower	Upper
105	100		
120	50.5	24.9	74.6



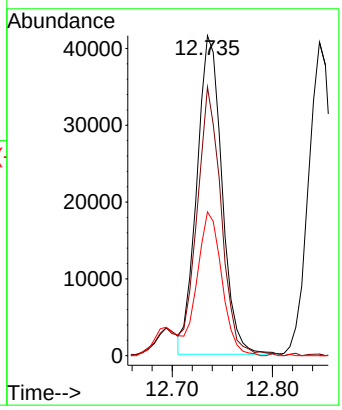


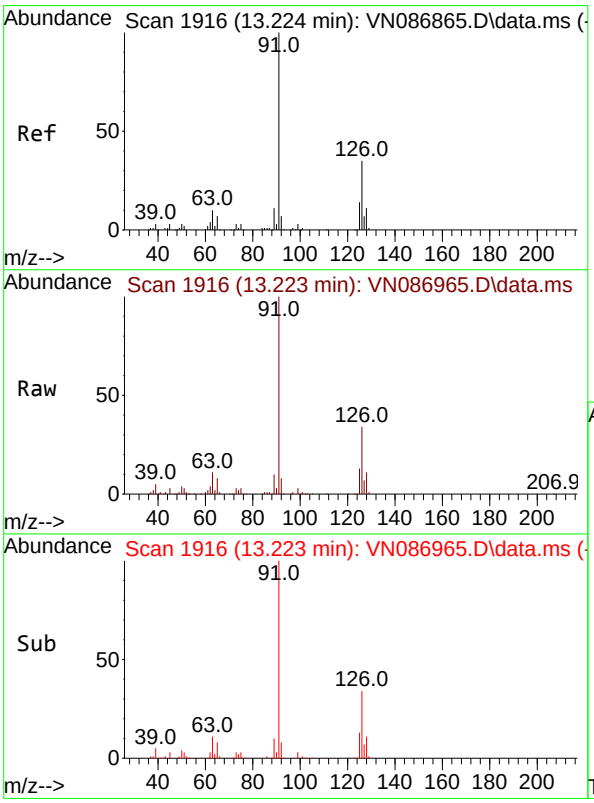
#81
trans-1,4-Dichloro-2-butene
Concen: 49.328 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 72331

Ion	Ratio	Lower	Upper
75	100		
53	81.4	66.6	99.8
89	43.7	36.7	55.1

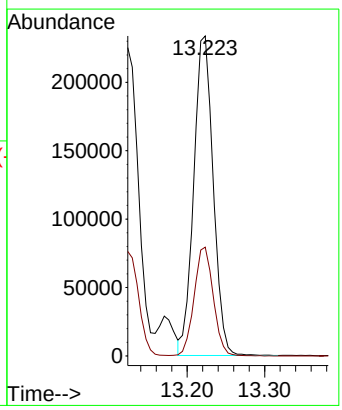


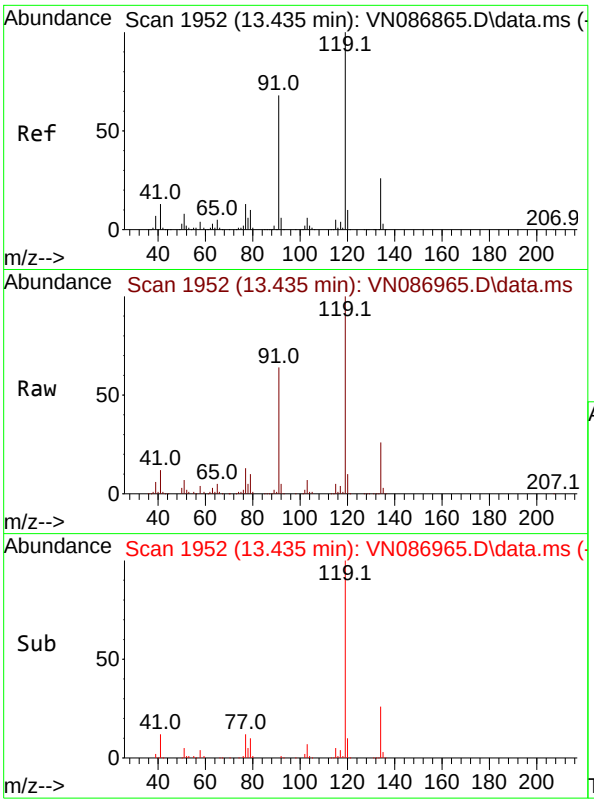


#82
4-Chlorotoluene
Concen: 53.310 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 91 Resp: 406685

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.7	50.1



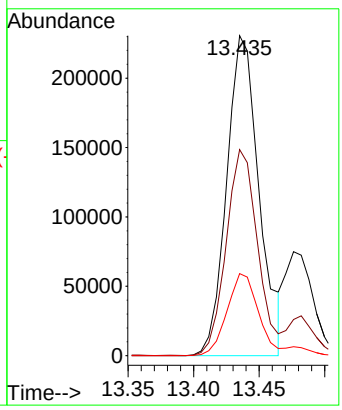


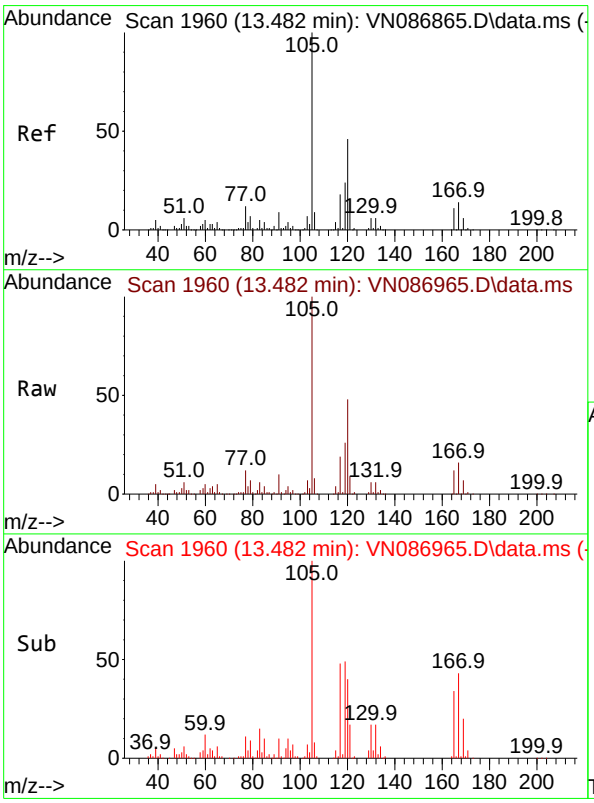
#83
tert-Butylbenzene
Concen: 50.730 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 396615

Ion	Ratio	Lower	Upper
119	100		
91	62.4	32.1	96.5
134	25.1	13.4	40.1

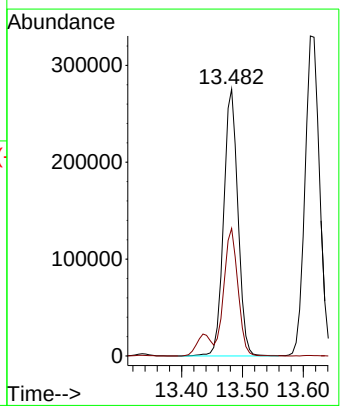


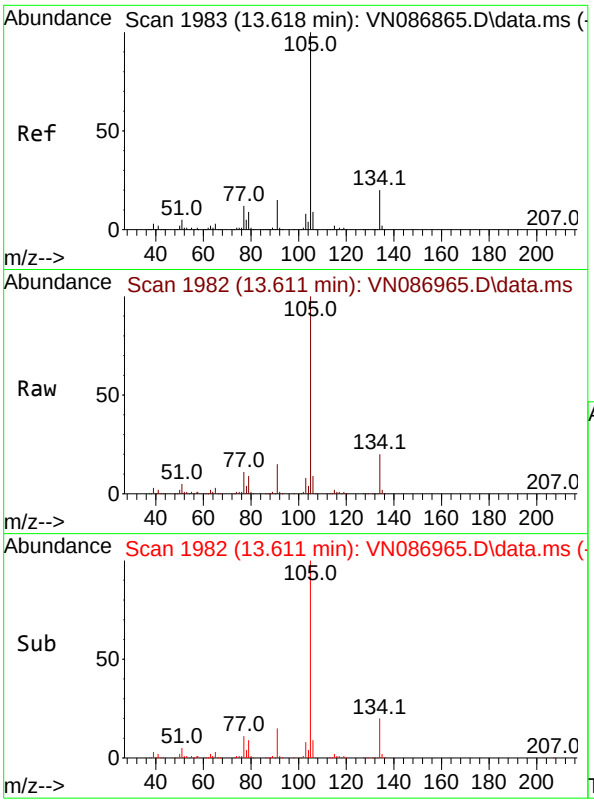


#84
1,2,4-Trimethylbenzene
Concen: 52.251 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:105 Resp: 447506

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.2	69.6



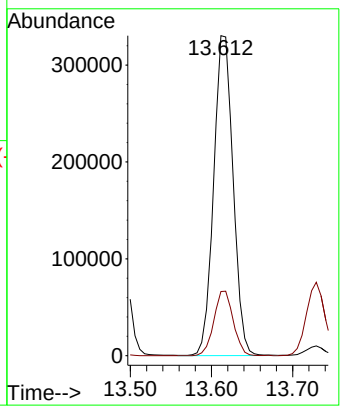


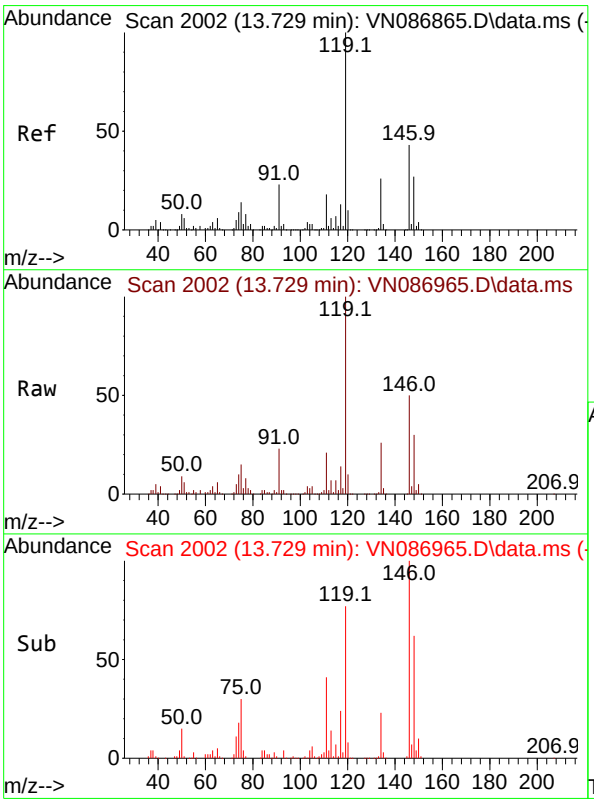
#85
sec-Butylbenzene
Concen: 48.432 ug/l
RT: 13.611 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 549887

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0

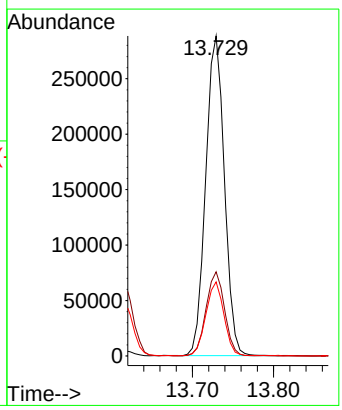


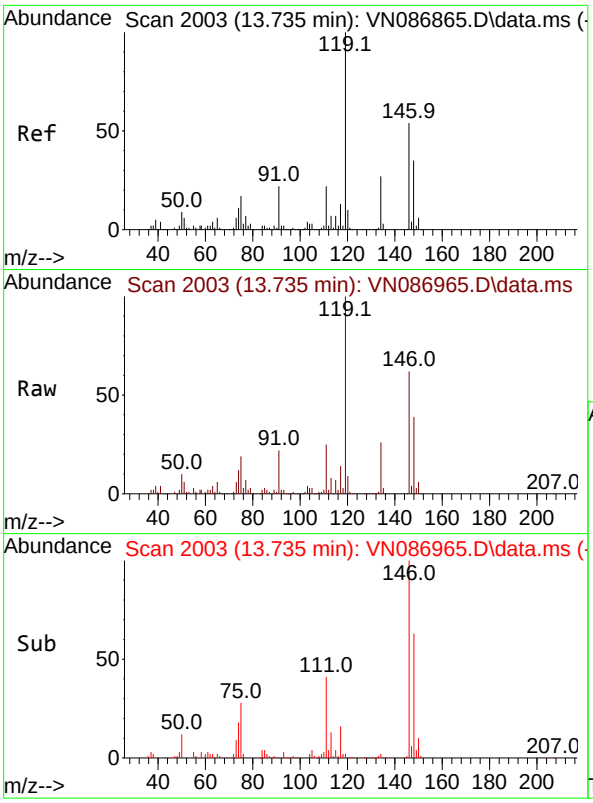


#86
p-Isopropyltoluene
Concen: 48.982 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:119 Resp: 459716

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.4
91	22.3	11.5	34.4



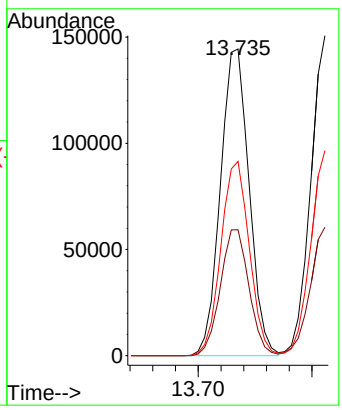


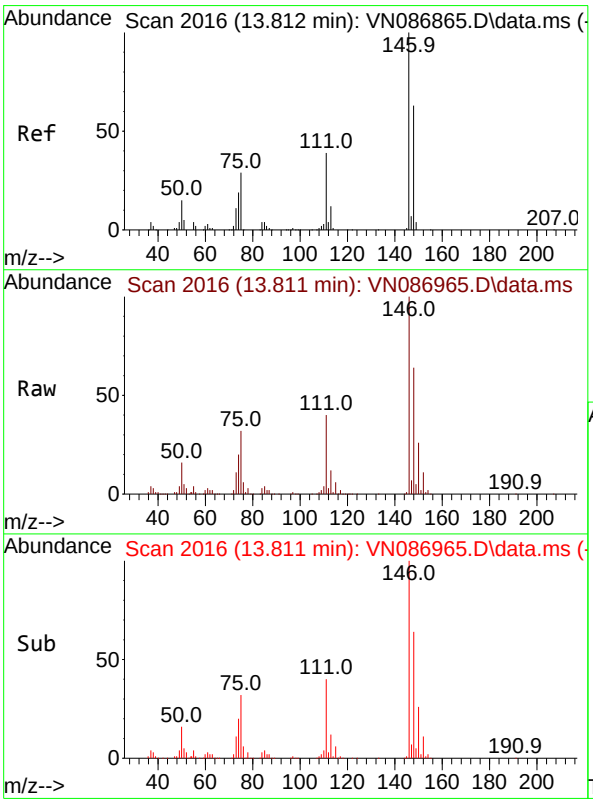
#87
1,3-Dichlorobenzene
Concen: 54.264 ug/l
RT: 13.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 253292

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.9	62.8
148	62.9	32.0	96.2

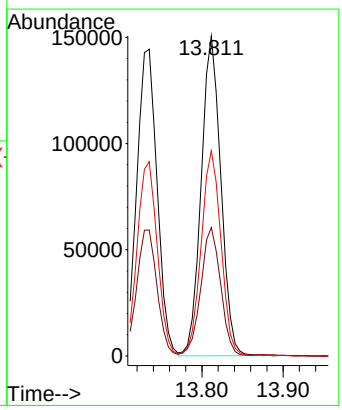


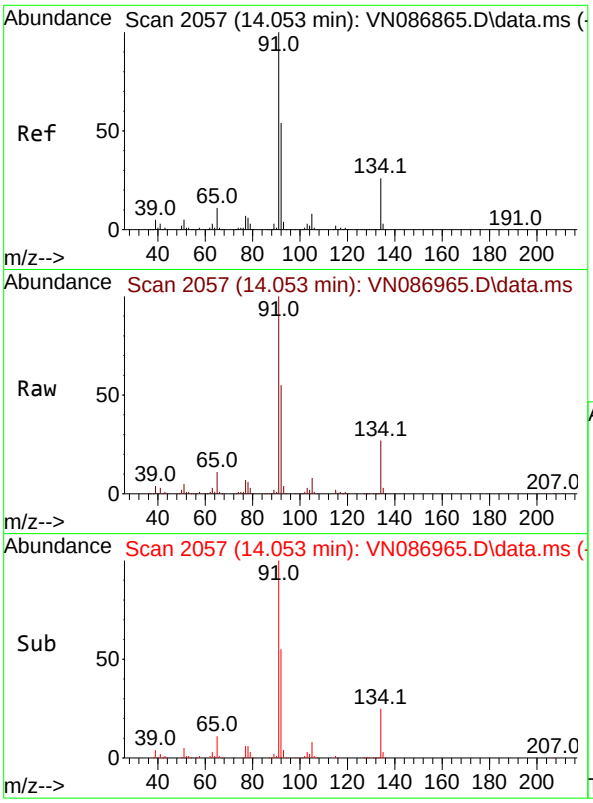


#88
1,4-Dichlorobenzene
Concen: 53.138 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:146 Resp: 252880

Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	64.2	31.8	95.4



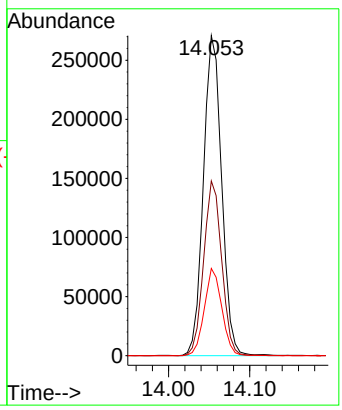


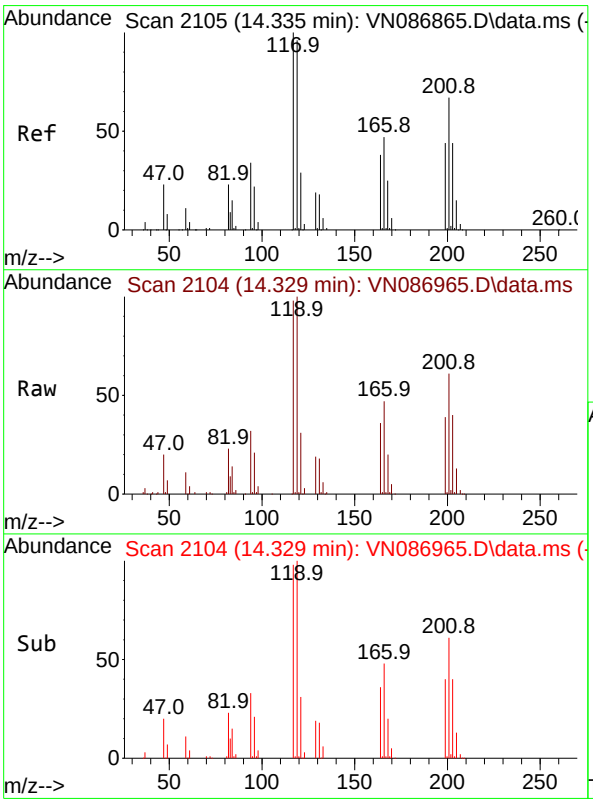
#89
n-Butylbenzene
Concen: 46.509 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 422802

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.5	82.4
134	26.1	13.0	39.0

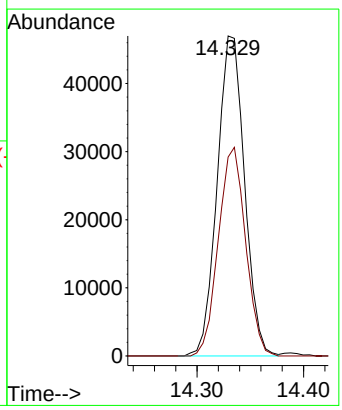


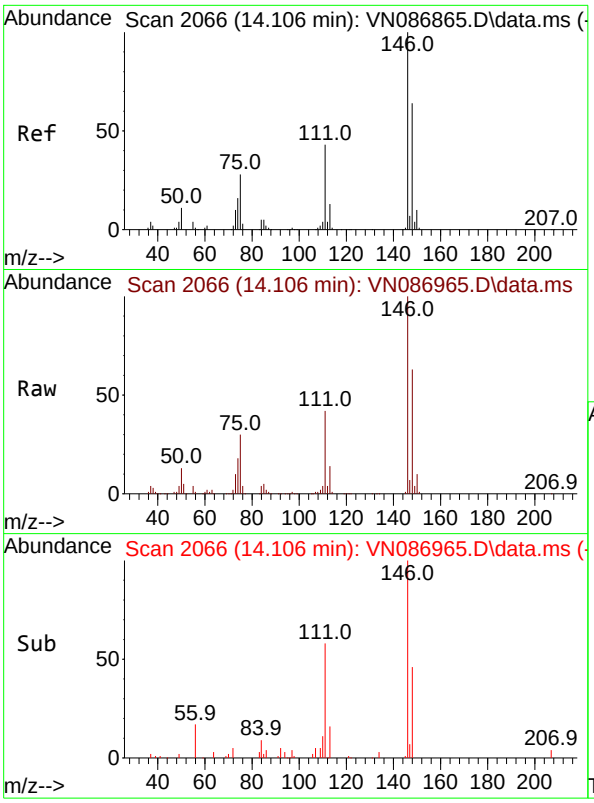


#90
Hexachloroethane
Concen: 52.642 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:117 Resp: 83746

Ion	Ratio	Lower	Upper
117	100		
201	64.9	33.2	99.6



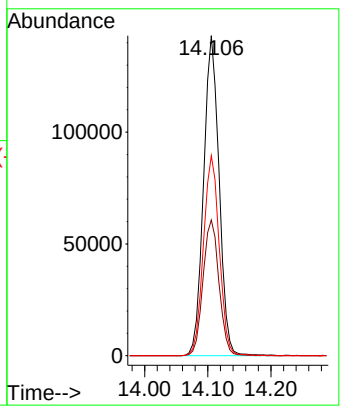


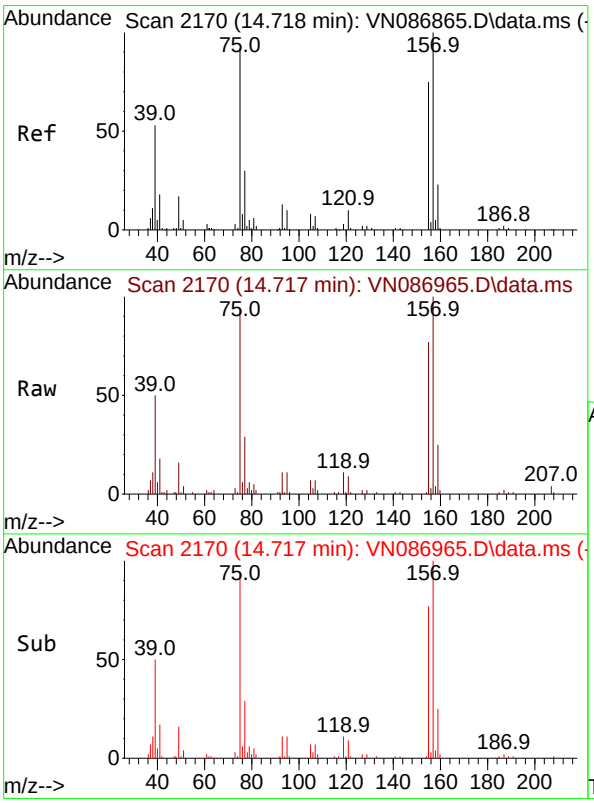
#91
1,2-Dichlorobenzene
Concen: 54.507 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 244439

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.6
148	63.6	31.7	95.1

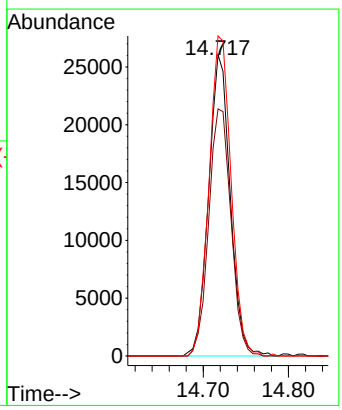


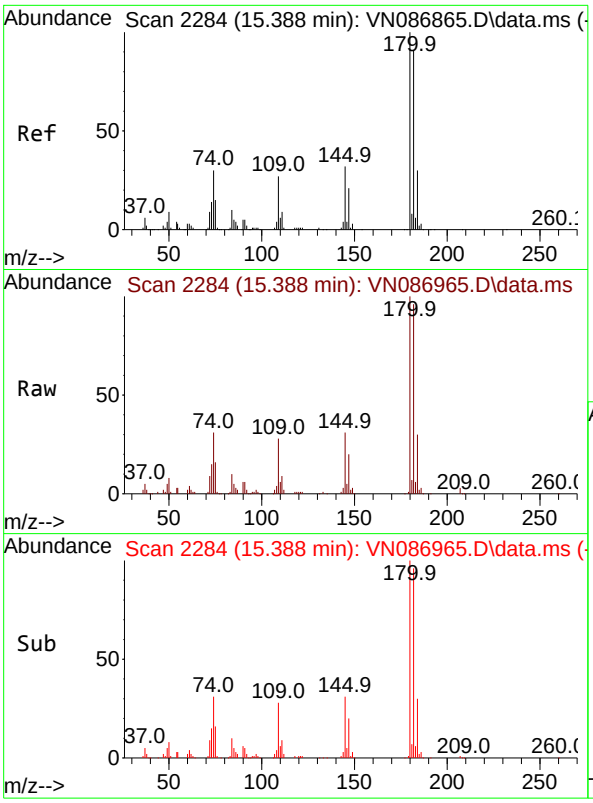


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.724 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 75 Resp: 45867

Ion	Ratio	Lower	Upper
75	100		
155	84.4	41.1	123.4
157	108.4	52.7	158.1



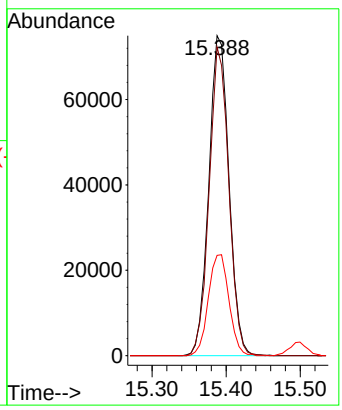


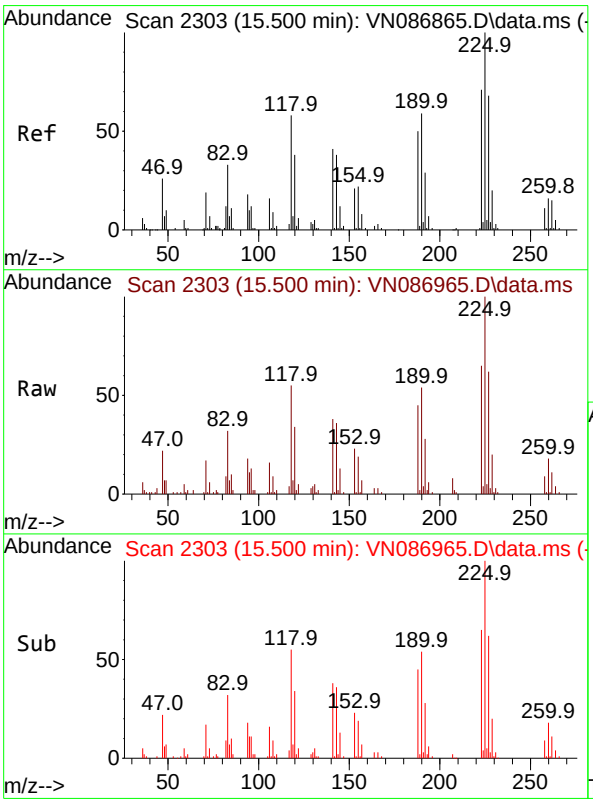
#93
1,2,4-Trichlorobenzene
Concen: 49.501 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 141753

Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.7
145	32.3	16.0	47.9

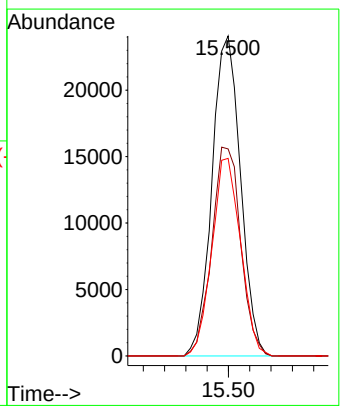


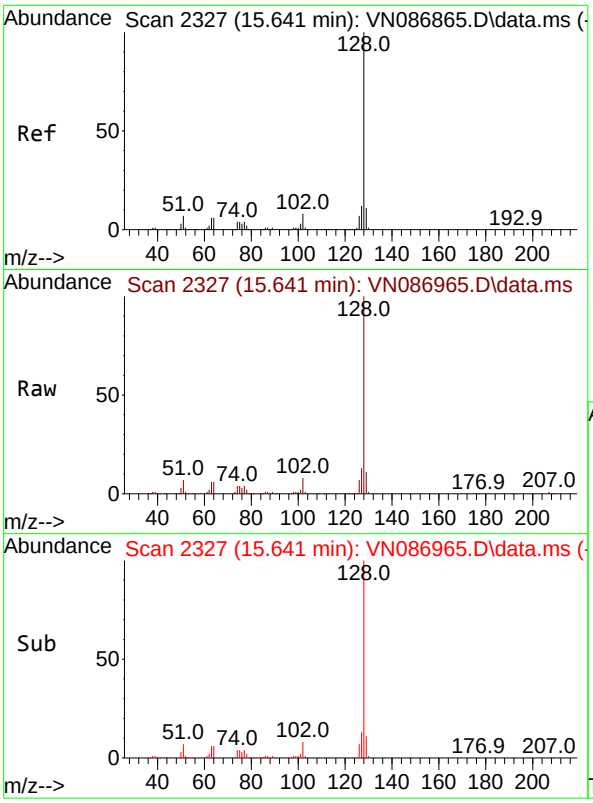


#94
Hexachlorobutadiene
Concen: 41.918 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:225 Resp: 44722

Ion	Ratio	Lower	Upper
225	100		
223	66.3	33.5	100.4
227	62.3	31.1	93.5



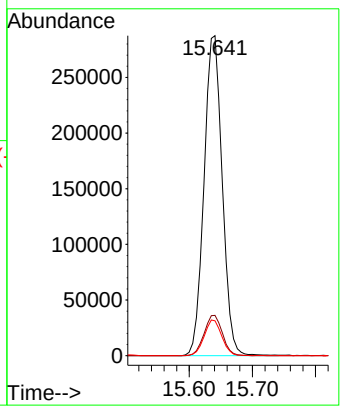


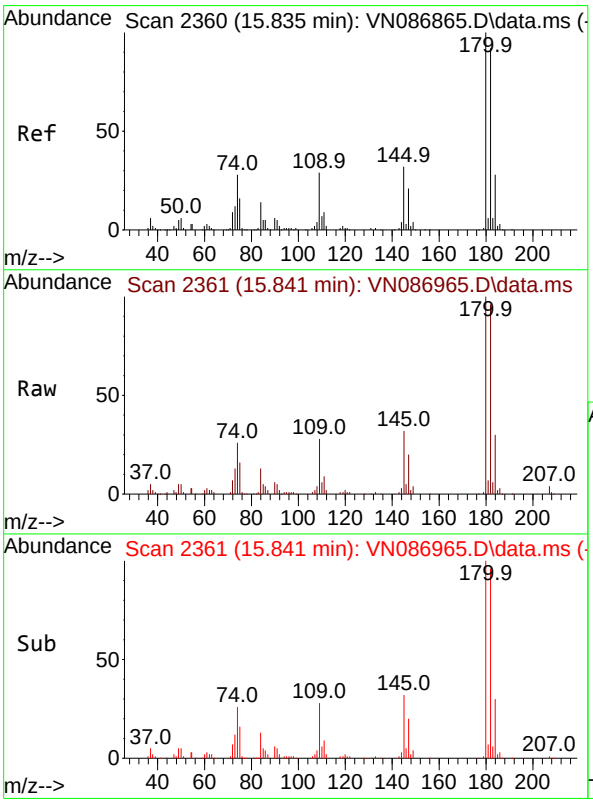
#95
Naphthalene
Concen: 54.049 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 576105

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2

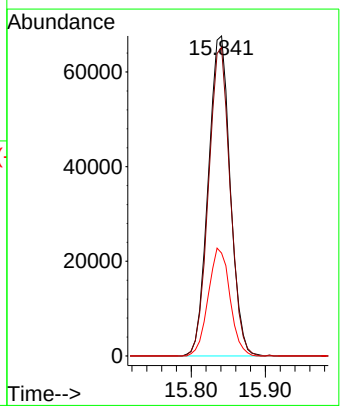




#96
1,2,3-Trichlorobenzene
Concen: 48.742 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:180 Resp: 138678

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.0	141.0
145	33.4	16.6	49.8



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	201089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	353755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	289394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	10508	4.802	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.600%#		
35) Dibromofluoromethane	7.646	113	9323	4.477	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	8.960%#		
50) Toluene-d8	10.109	98	37729	4.482	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	8.960%#		
62) 4-Bromofluorobenzene	12.408	95	11988	4.697	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.400%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	8717	4.961	ug/l	99
3) Chloromethane	2.068	50	26535	5.119	ug/l	98
4) Vinyl Chloride	2.208	62	27572	4.544	ug/l	98
5) Bromomethane	2.598	94	27457	4.784	ug/l	98
6) Chloroethane	2.739	64	19566	4.710	ug/l	95
7) Trichlorofluoromethane	3.062	101	22825	4.428	ug/l	92
8) Diethyl Ether	3.464	74	5184	4.553	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	10259	4.744	ug/l	97
10) Methyl Iodide	4.007	142	9174	3.956	ug/l #	95
11) Tert butyl alcohol	4.891	59	3374	21.587	ug/l #	88
12) 1,1-Dichloroethene	3.799	96	9440	4.573	ug/l	97
13) Acrolein	3.671	56	5656	29.646	ug/l	95
14) Allyl chloride	4.391	41	15096	4.693	ug/l	98
15) Acrylonitrile	5.080	53	10667	22.026	ug/l	97
16) Acetone	3.885	43	13023	30.108	ug/l #	87
17) Carbon Disulfide	4.110	76	30222	4.586	ug/l	99
18) Methyl Acetate	4.397	43	5630	4.327	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	26276	4.562	ug/l	97
20) Methylene Chloride	4.622	84	17312	7.168	ug/l	89
21) trans-1,2-Dichloroethene	5.116	96	10489	4.549	ug/l	86
22) Diisopropyl ether	6.037	45	32497	4.544	ug/l	95
23) Vinyl Acetate	5.970	43	91478	21.559	ug/l	98
24) 1,1-Dichloroethane	5.921	63	19460	4.603	ug/l	97
25) 2-Butanone	6.909	43	14423	22.605	ug/l	95
26) 2,2-Dichloropropane	6.896	77	16805	4.471	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	11906	4.467	ug/l	98
28) Bromochloromethane	7.250	49	9453	5.175	ug/l	100
29) Tetrahydrofuran	7.274	42	9377	22.781	ug/l	95
30) Chloroform	7.427	83	19302	4.620	ug/l	87
31) Cyclohexane	7.707	56	23482	5.519	ug/l #	90
32) 1,1,1-Trichloroethane	7.628	97	16476	4.413	ug/l	98
36) 1,1-Dichloropropene	7.841	75	14700	4.367	ug/l	99
37) Ethyl Acetate	6.994	43	5662	3.822	ug/l #	86
38) Carbon Tetrachloride	7.823	117	14691	4.233	ug/l	95
39) Methylcyclohexane	9.109	83	20076	4.415	ug/l	95
40) Benzene	8.085	78	42926	4.326	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4192	4.394 ug/l #	89
42) 1,2-Dichloroethane	8.164	62	11332	4.198 ug/l	99
43) Isopropyl Acetate	8.207	43	13330	4.117 ug/l	95
44) Trichloroethene	8.872	130	10404	4.292 ug/l	79
45) 1,2-Dichloropropane	9.146	63	9678	4.091 ug/l	100
46) Dibromomethane	9.244	93	5596	4.223 ug/l	95
47) Bromodichloromethane	9.433	83	13448	3.999 ug/l	96
48) Methyl methacrylate	9.225	41	6483	4.374 ug/l	91
49) 1,4-Dioxane	9.231	88	574	36.306 ug/l #	1
51) 4-Methyl-2-Pentanone	10.000	43	30969	19.273 ug/l	98
52) Toluene	10.170	92	25893	4.150 ug/l	99
53) t-1,3-Dichloropropene	10.396	75	12388	3.982 ug/l	91
54) cis-1,3-Dichloropropene	9.859	75	14966	4.103 ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	7318	4.385 ug/l	98
56) Ethyl methacrylate	10.445	69	9092	3.751 ug/l	94
57) 1,3-Dichloropropane	10.719	76	12648	4.255 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	24214	22.409 ug/l	97
59) 2-Hexanone	10.768	43	21243	19.832 ug/l	94
60) Dibromochloromethane	10.914	129	8781	4.152 ug/l	94
61) 1,2-Dibromoethane	11.018	107	6146	3.991 ug/l	100
64) Tetrachloroethene	10.652	164	10863	4.417 ug/l	95
65) Chlorobenzene	11.444	112	27467	4.377 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	8422	3.959 ug/l	94
67) Ethyl Benzene	11.524	91	47883	4.098 ug/l	96
68) m/p-Xylenes	11.627	106	35645	8.060 ug/l	99
69) o-Xylene	11.956	106	16866	4.075 ug/l	95
70) Styrene	11.975	104	26313	3.840 ug/l	99
71) Bromoform	12.133	173	4649	4.159 ug/l #	97
73) Isopropylbenzene	12.255	105	44350	4.307 ug/l	100
74) N-amyl acetate	12.072	43	9632	3.699 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	7289	4.359 ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	9988	5.920 ug/l #	100
77) Bromobenzene	12.536	156	9241	4.234 ug/l	95
78) n-propylbenzene	12.597	91	56543	4.511 ug/l	98
79) 2-Chlorotoluene	12.682	91	30387	4.591 ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	35122	4.362 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	2596	4.411 ug/l	96
82) 4-Chlorotoluene	12.780	91	30501	4.447 ug/l	99
83) tert-Butylbenzene	12.999	119	31232	4.252 ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	34752	4.314 ug/l	100
85) sec-Butylbenzene	13.176	105	49546	4.449 ug/l	99
86) p-Isopropyltoluene	13.292	119	38822	4.240 ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	19350	4.431 ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	19268	4.529 ug/l	91
89) n-Butylbenzene	13.615	91	37774	4.333 ug/l	100
90) Hexachloroethane	13.883	117	8072	4.506 ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	15922	4.244 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	949	3.754 ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	8529	4.159 ug/l	95
94) Hexachlorobutadiene	15.023	225	5627	5.024 ug/l	98
95) Naphthalene	15.145	128	15167	3.859 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	7952	4.563 ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

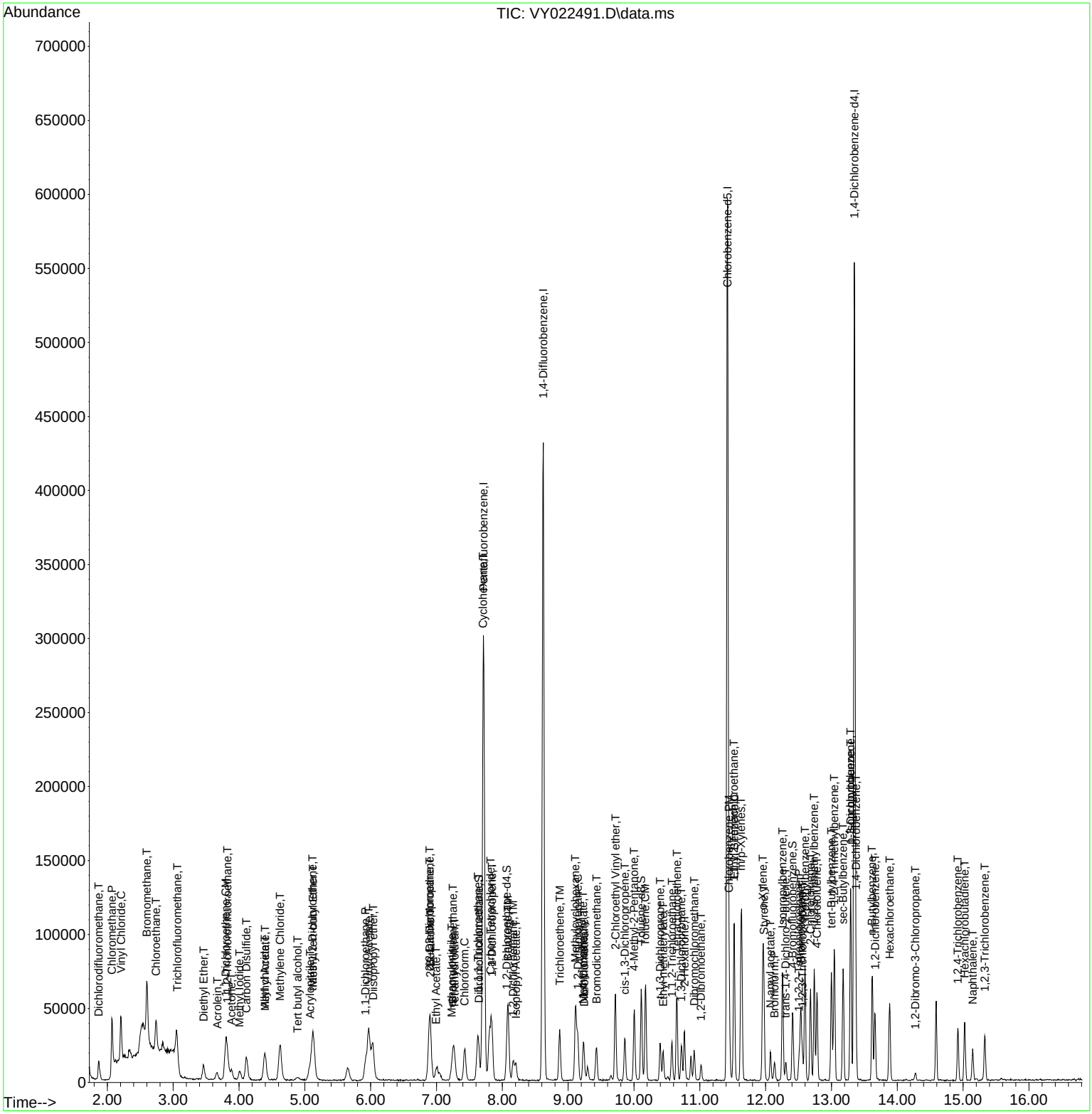
(#) = qualifier out of range (m) = manual integration (+) = signals summed

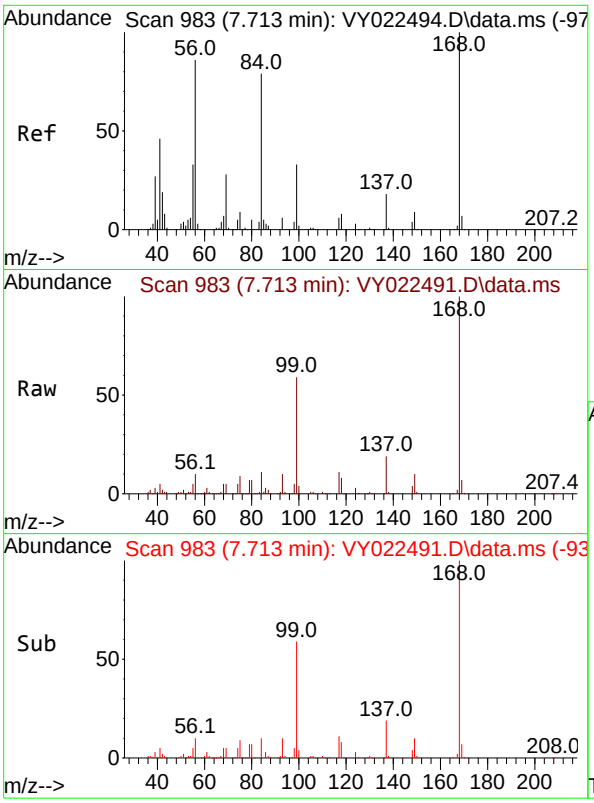
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



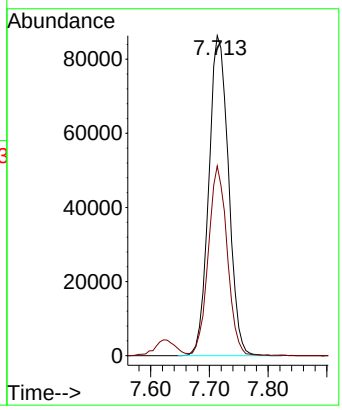


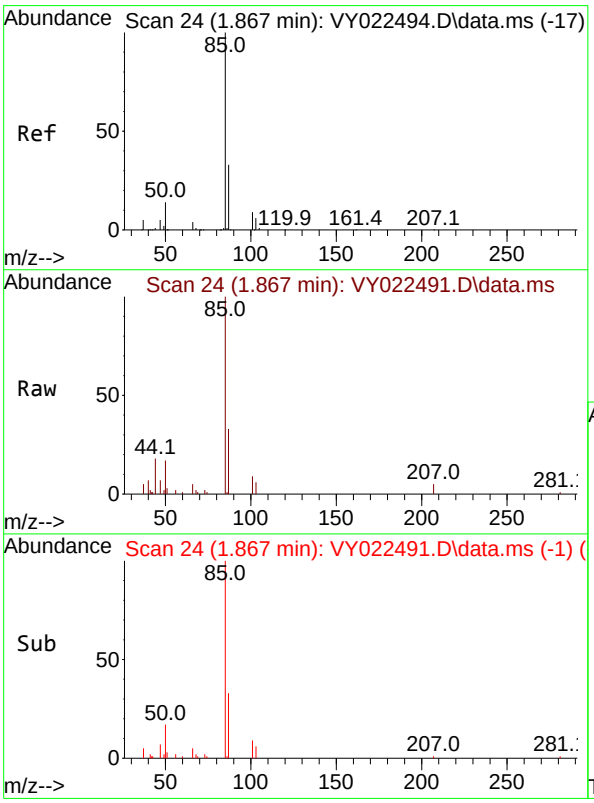
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 201089

Ion	Ratio	Lower	Upper
168	100		
99	59.3	44.3	66.5

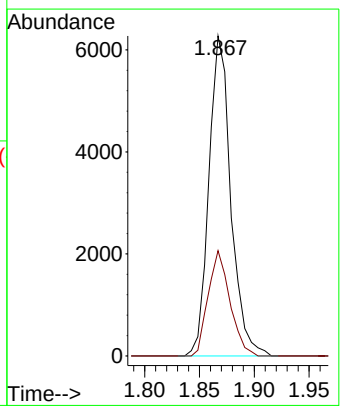


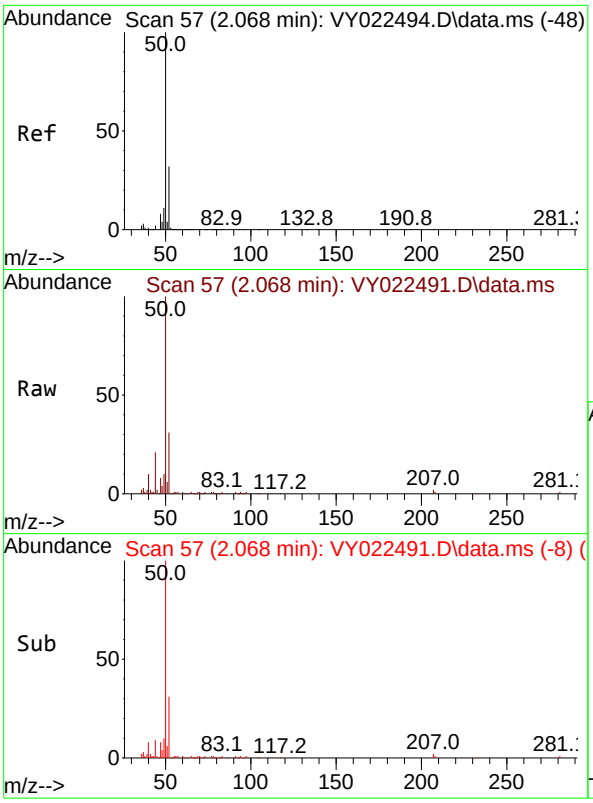


#2
Dichlorodifluoromethane
Concen: 4.961 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 85 Resp: 8717

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.7	50.0



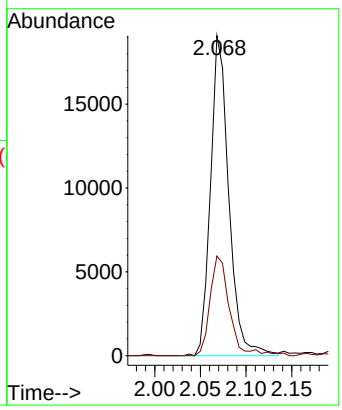


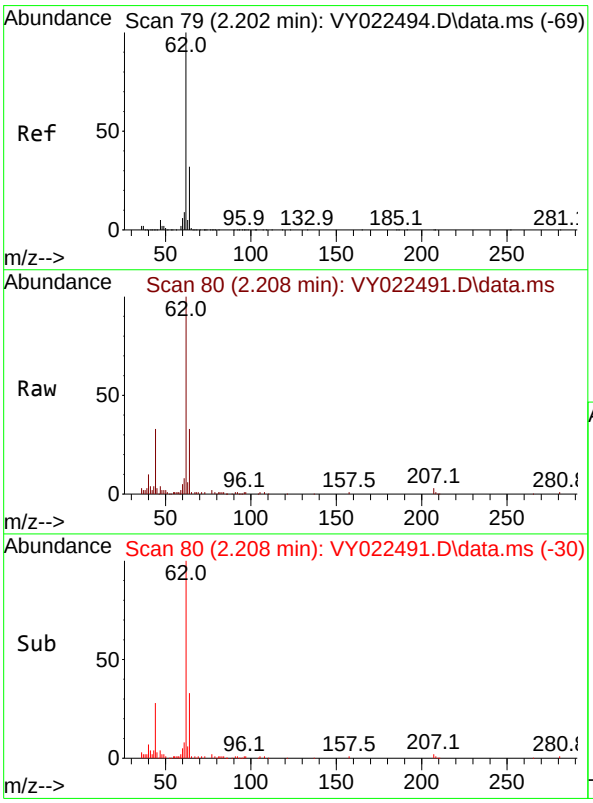
#3
Chloromethane
Concen: 5.119 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 26535

Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.0	39.0

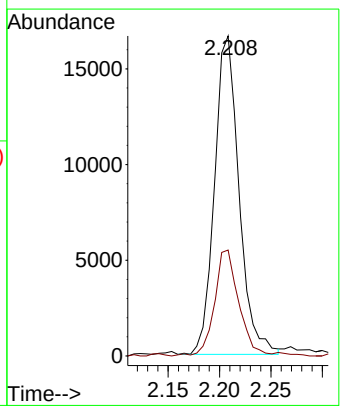


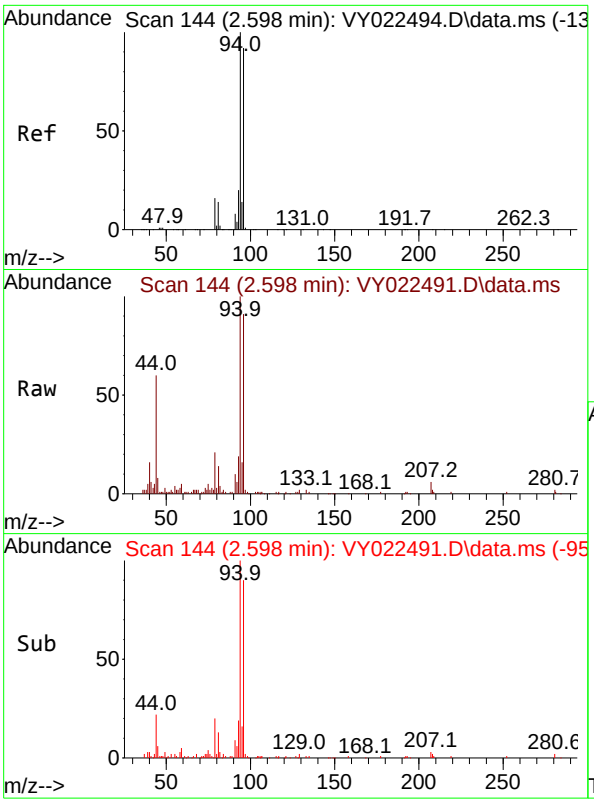


#4
Vinyl Chloride
Concen: 4.544 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 62 Resp: 27572

Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.3	37.9



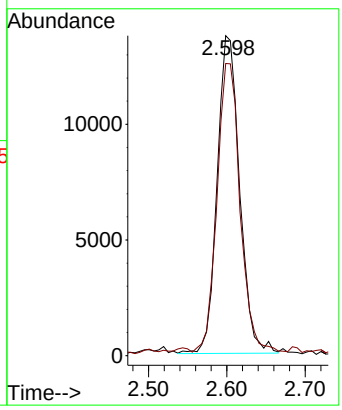


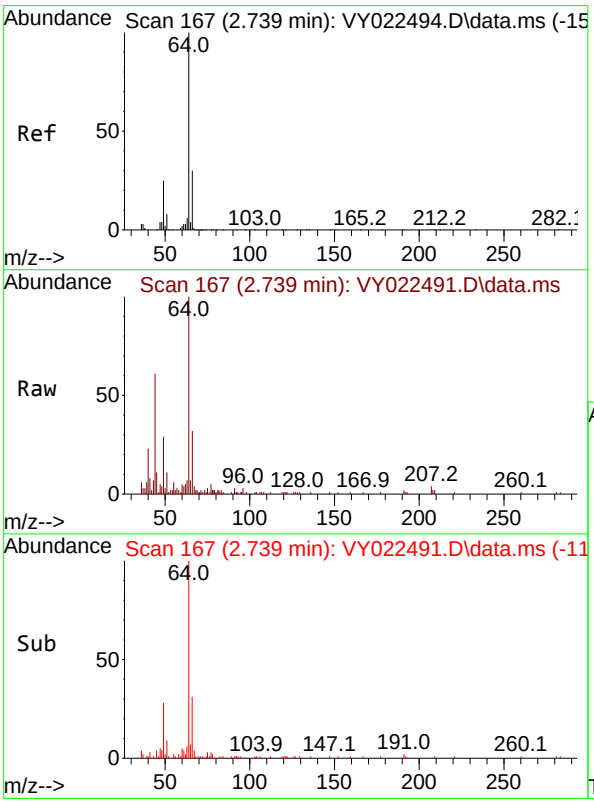
#5
Bromomethane
Concen: 4.784 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 27457

Ion	Ratio	Lower	Upper
94	100		
96	90.5	74.0	111.0

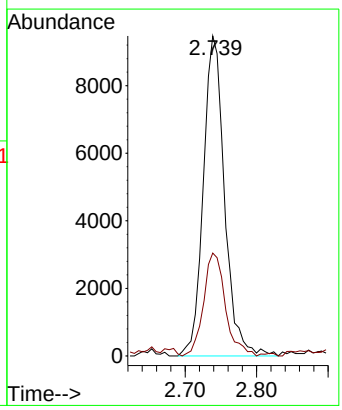


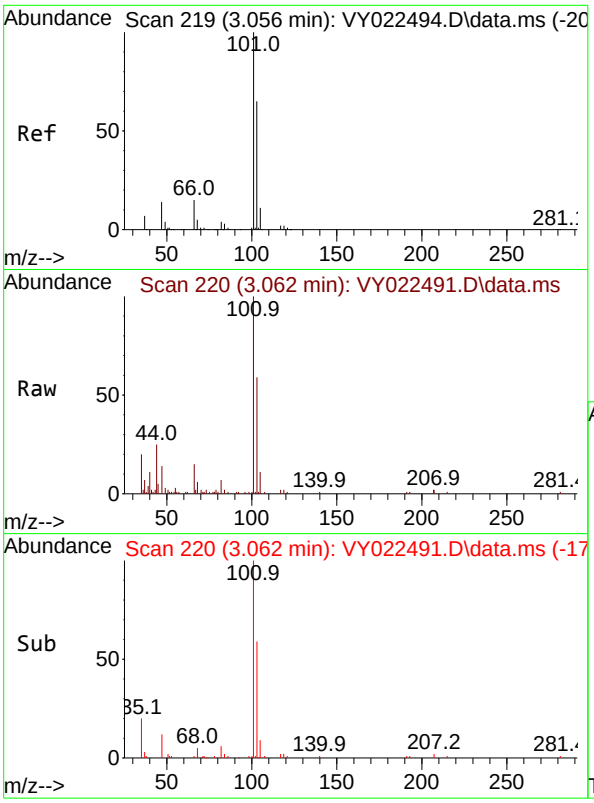


#6
Chloroethane
Concen: 4.710 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 64 Resp: 19566

Ion	Ratio	Lower	Upper
64	100		
66	32.1	23.8	35.6



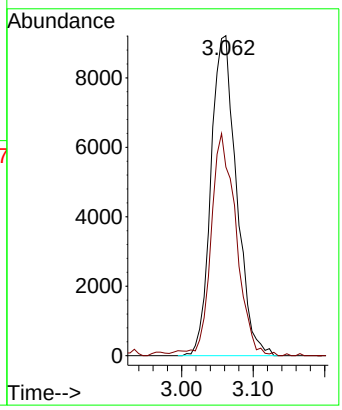


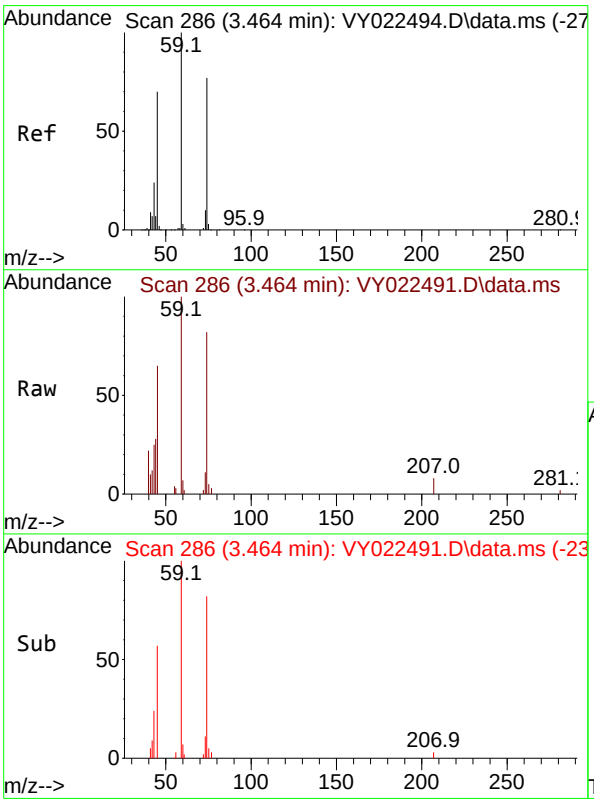
#7
Trichlorofluoromethane
Concen: 4.428 ug/l
RT: 3.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 22825

Ion	Ratio	Lower	Upper
101	100		
103	59.0	52.2	78.2

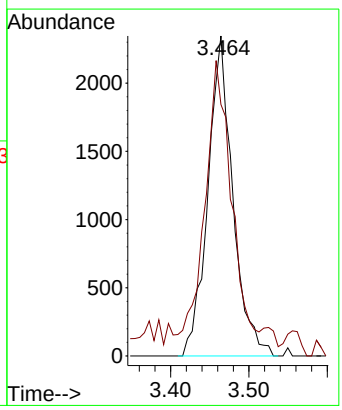


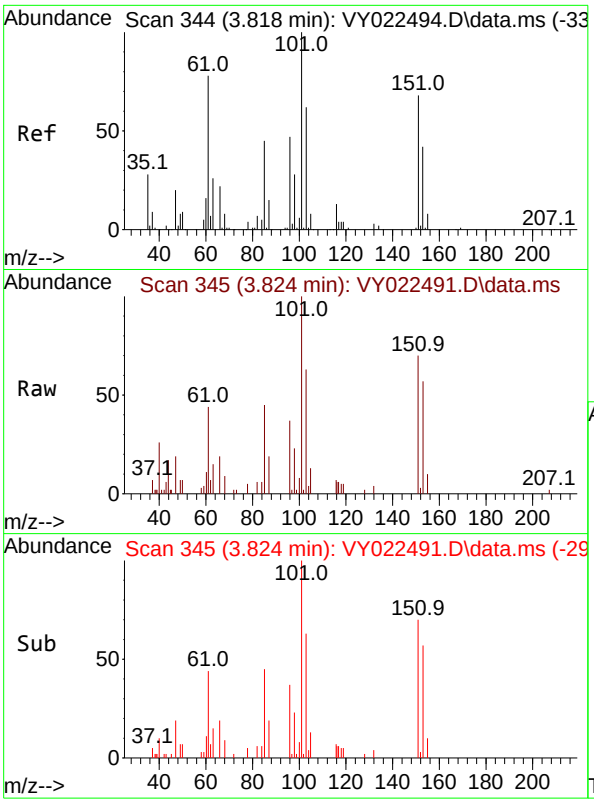


#8
Diethyl Ether
Concen: 4.553 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 74 Resp: 5184

Ion	Ratio	Lower	Upper
74	100		
45	98.9	45.9	137.6



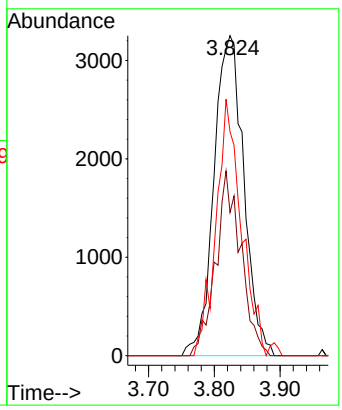


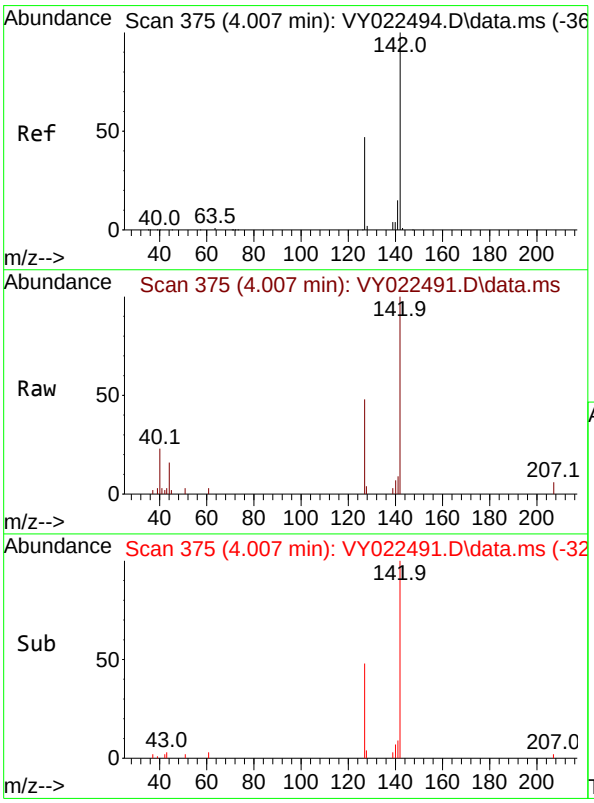
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.744 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 10259

Ion	Ratio	Lower	Upper
101	100		
85	48.8	39.3	58.9
151	67.9	57.8	86.8

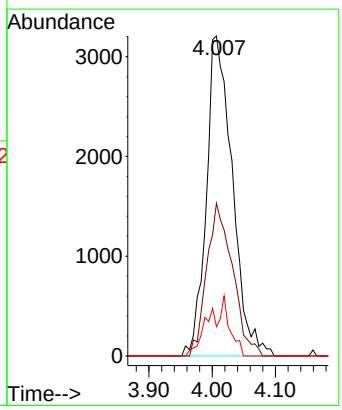


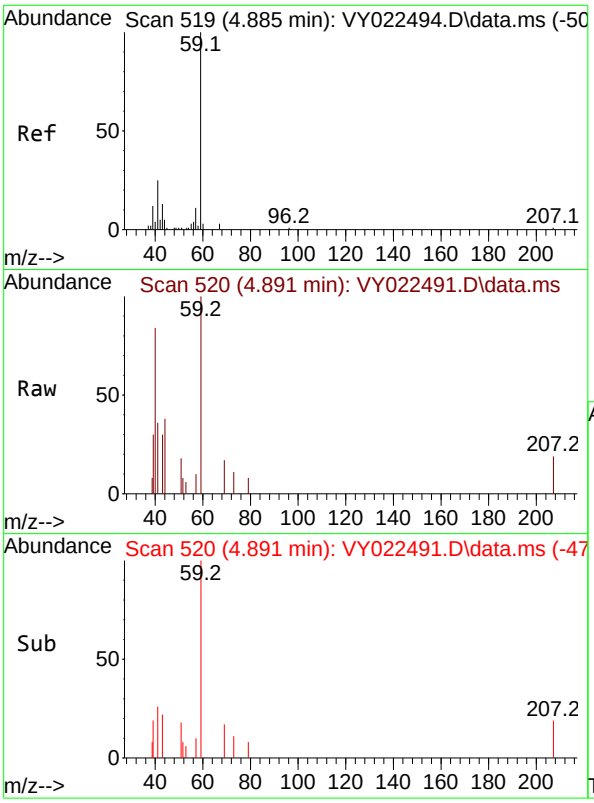


#10
Methyl Iodide
Concen: 3.956 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:142 Resp: 9174

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.1	55.7
141	7.8	11.4	17.2#



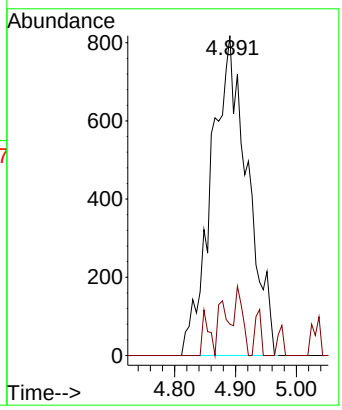


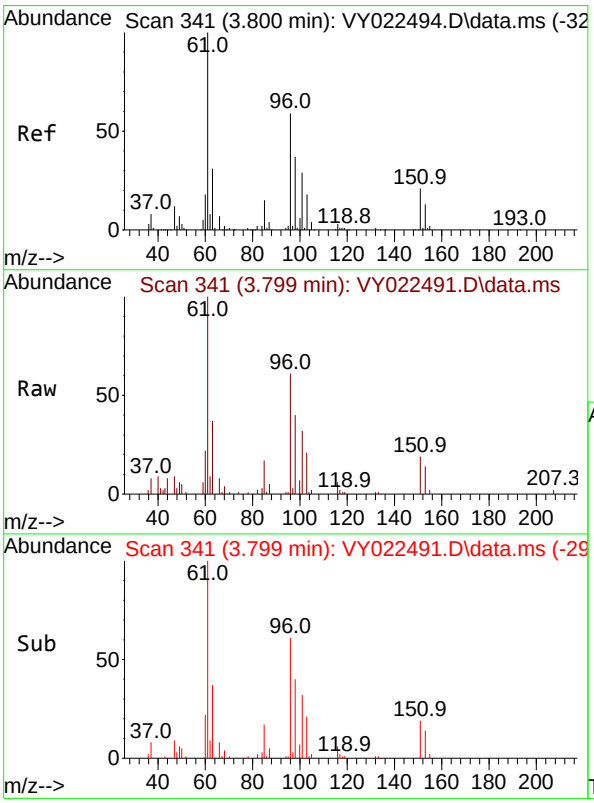
#11
Tert butyl alcohol
Concen: 21.587 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 3374

Ion	Ratio	Lower	Upper
59	100		
57	5.6	8.0	12.0#

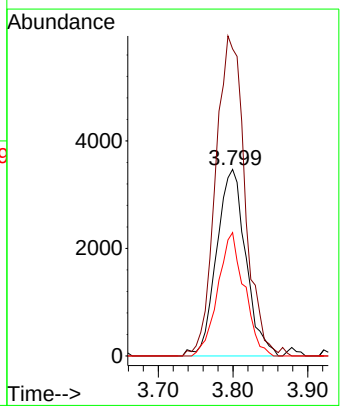


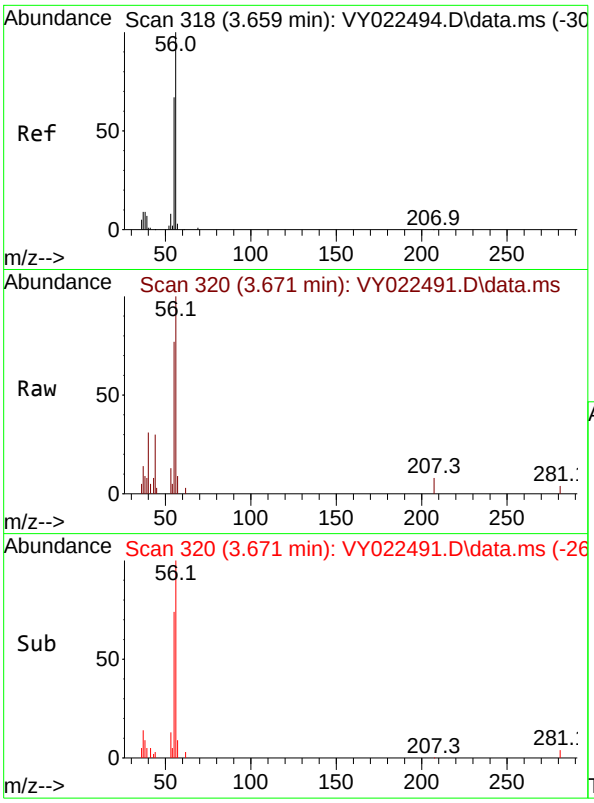


#12
1,1-Dichloroethene
Concen: 4.573 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 96 Resp: 9440

Ion	Ratio	Lower	Upper
96	100		
61	164.6	134.6	201.8
98	66.2	50.2	75.4



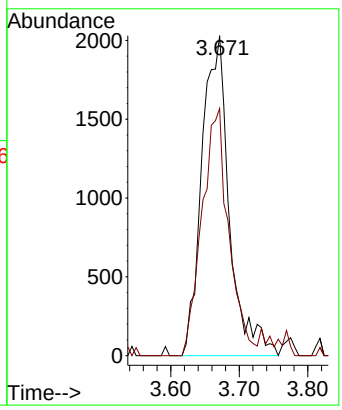


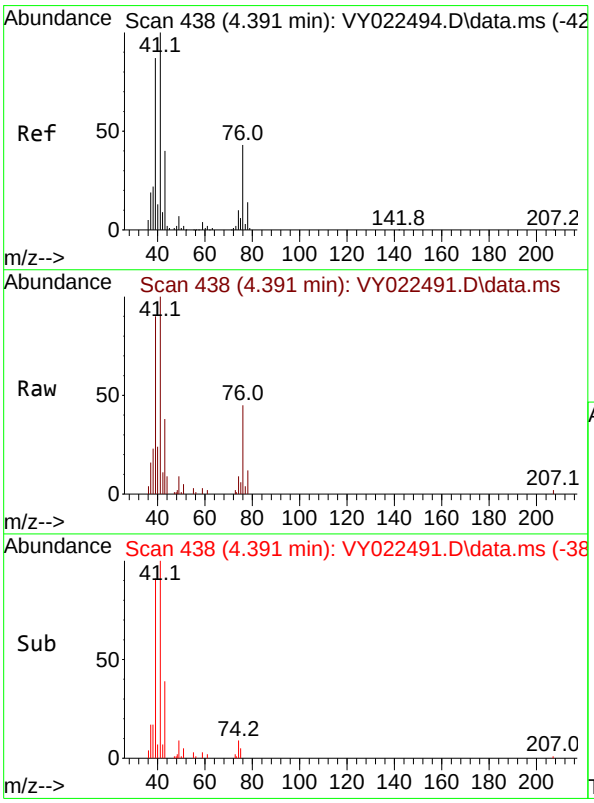
#13
Acrolein
Concen: 29.646 ug/l
RT: 3.671 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 5656

Ion	Ratio	Lower	Upper
56	100		
55	75.3	57.0	85.6

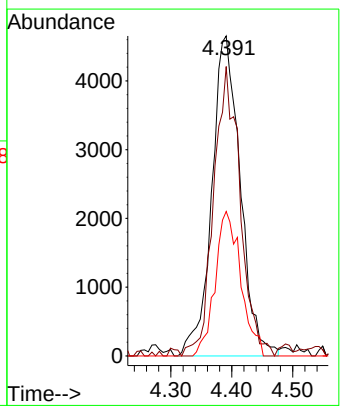


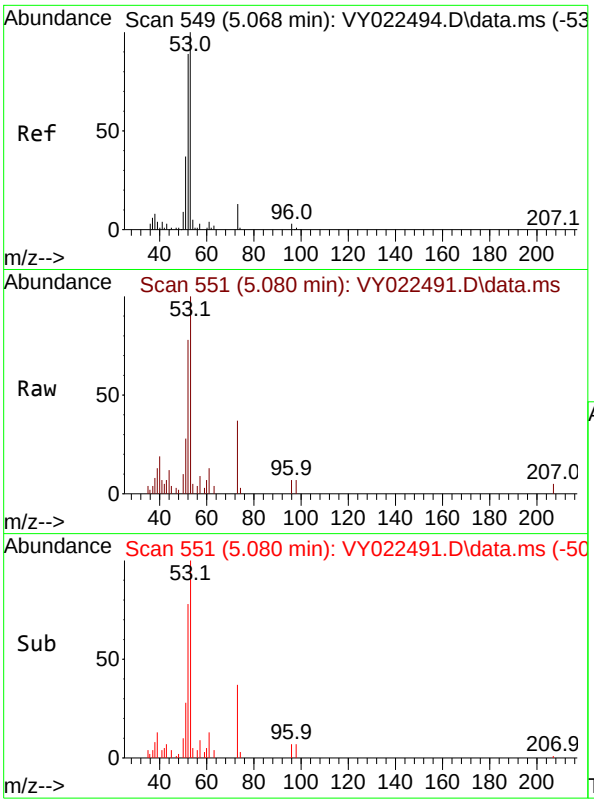


#14
Allyl chloride
Concen: 4.693 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 41 Resp: 15096

Ion	Ratio	Lower	Upper
41	100		
39	84.0	69.1	103.7
76	40.8	33.5	50.3



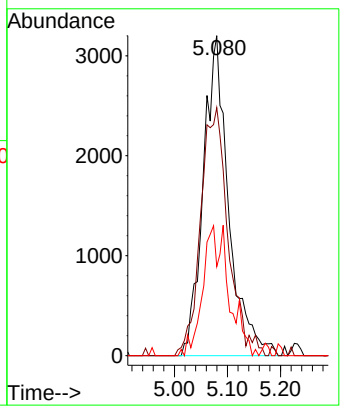


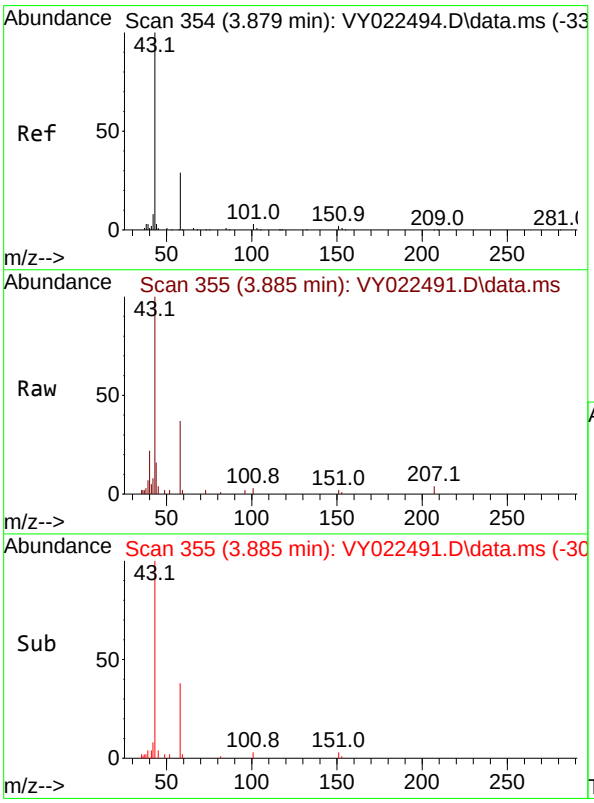
#15
Acrylonitrile
Concen: 22.026 ug/l
RT: 5.080 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 10667

Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.7	98.5
51	41.4	30.1	45.1

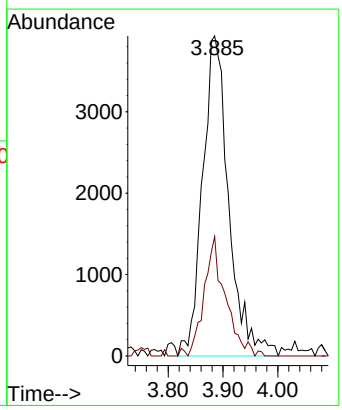


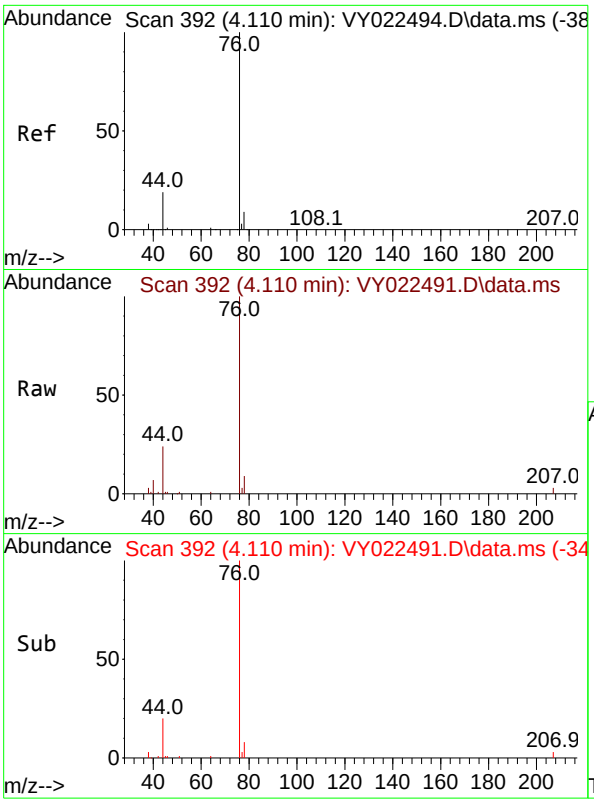


#16
Acetone
Concen: 30.108 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 13023

Ion	Ratio	Lower	Upper
43	100		
58	37.3	24.0	36.0#



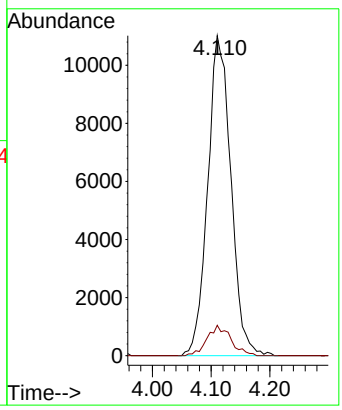


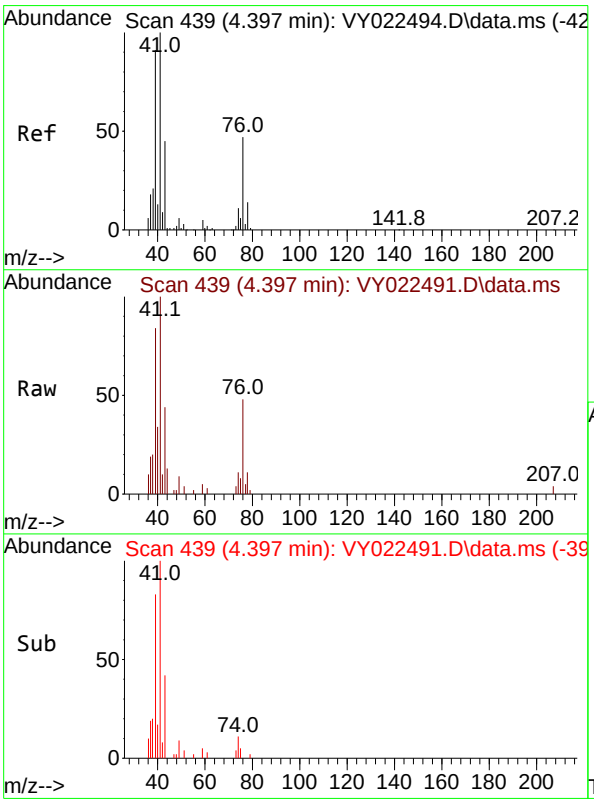
#17
Carbon Disulfide
Concen: 4.586 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 30222

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

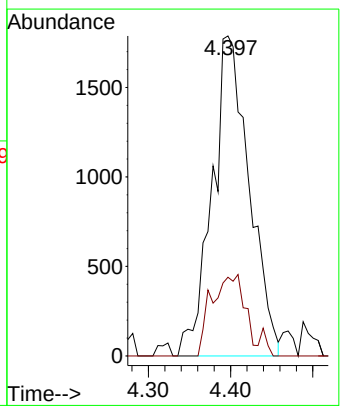


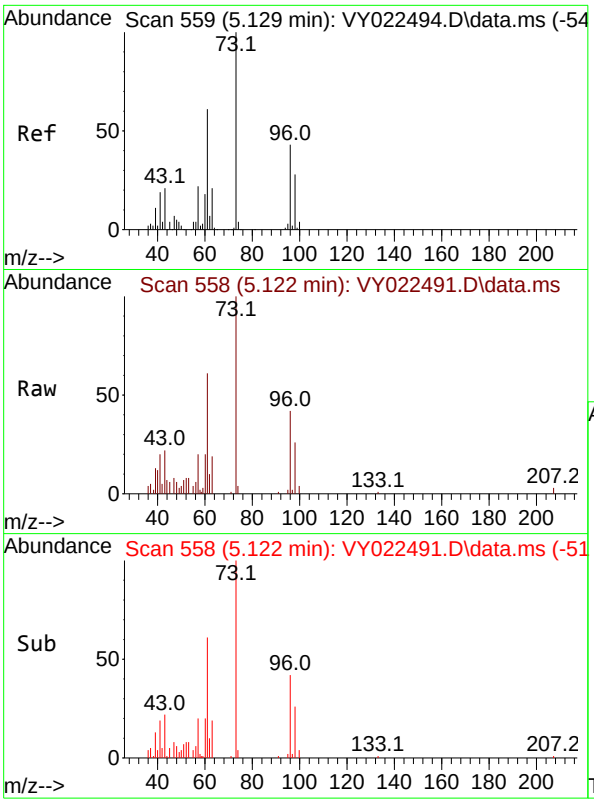


#18
Methyl Acetate
Concen: 4.327 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 5630

Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.8	29.6



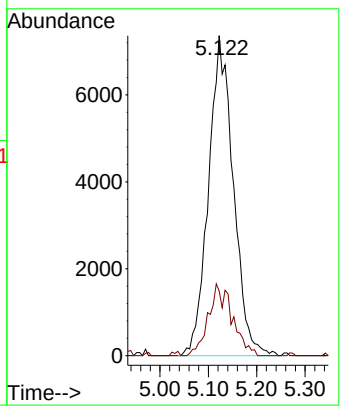


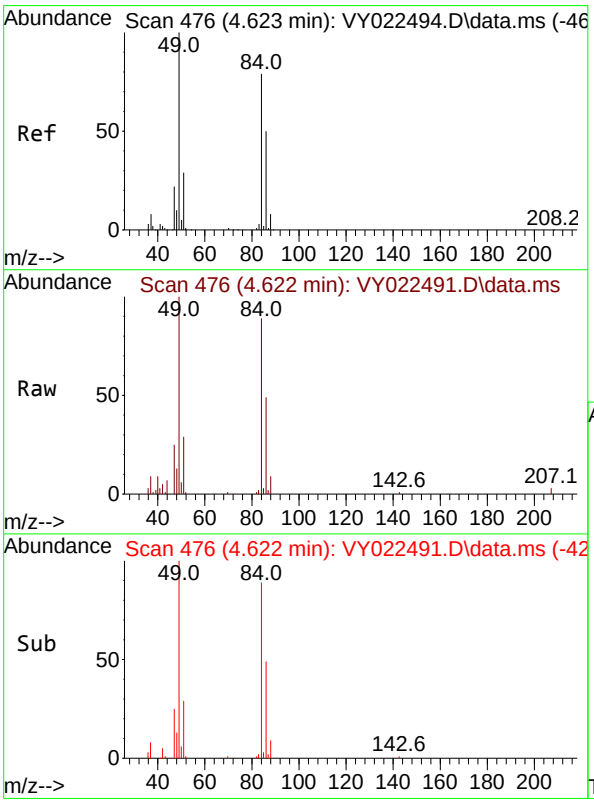
#19
Methyl tert-butyl Ether
Concen: 4.562 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 26276

Ion	Ratio	Lower	Upper
73	100		
57	20.2	17.4	26.0

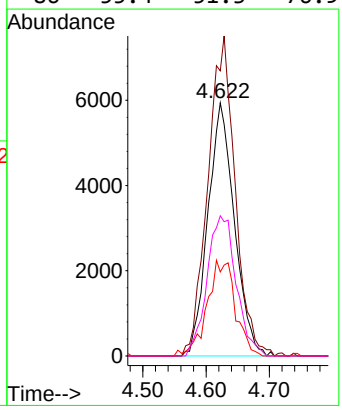


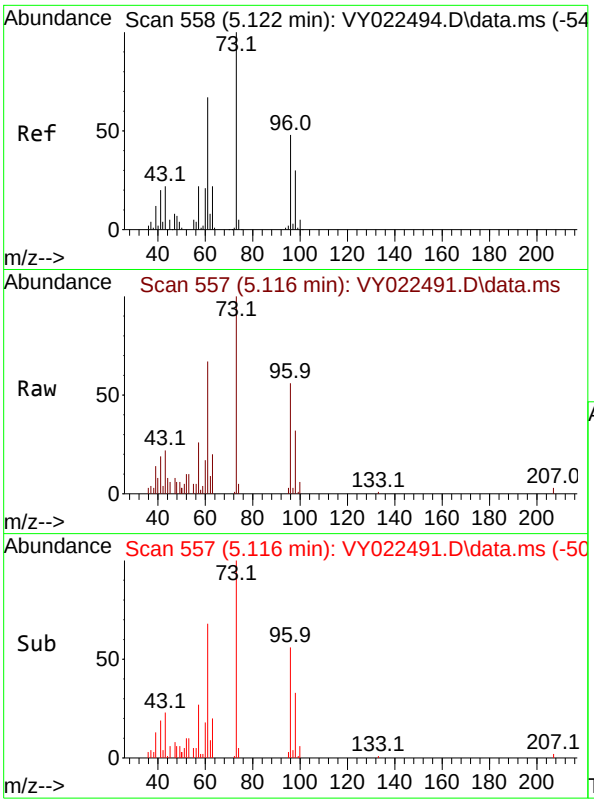


#20
Methylene Chloride
Concen: 7.168 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 84 Resp: 17312

Ion	Ratio	Lower	Upper
84	100		
49	112.6	101.9	152.9
51	33.2	29.8	44.8
86	55.4	51.3	76.9



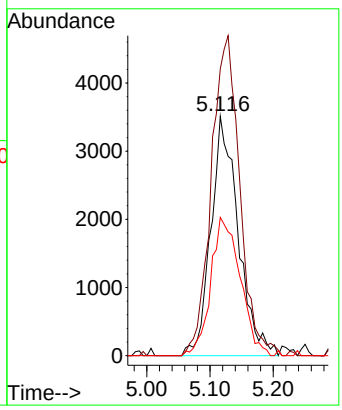


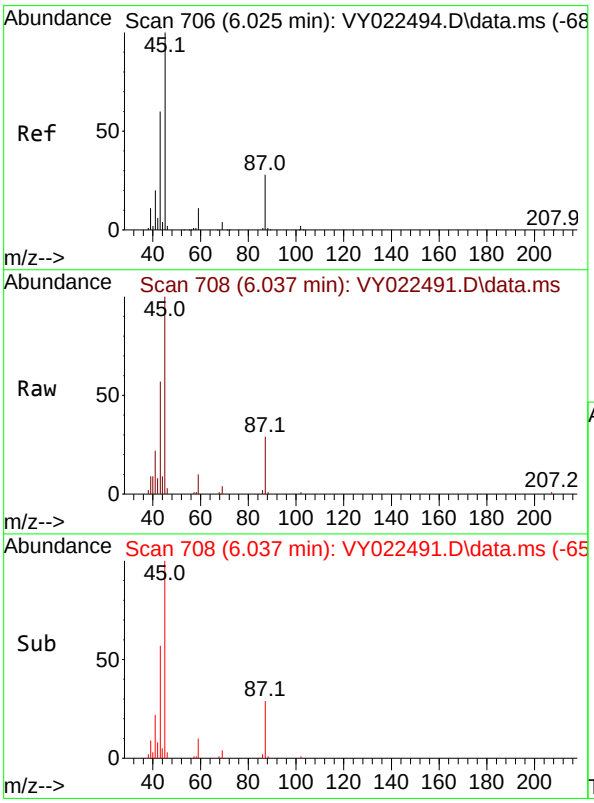
#21
trans-1,2-Dichloroethene
Concen: 4.549 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 10489

Ion	Ratio	Lower	Upper
96	100		
61	119.8	112.6	169.0
98	57.7	50.6	75.8

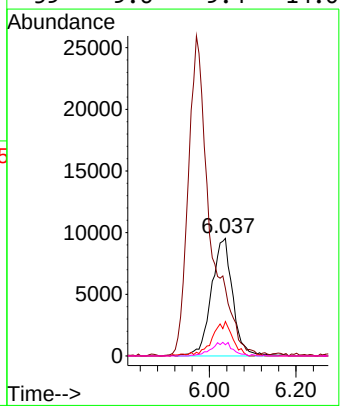


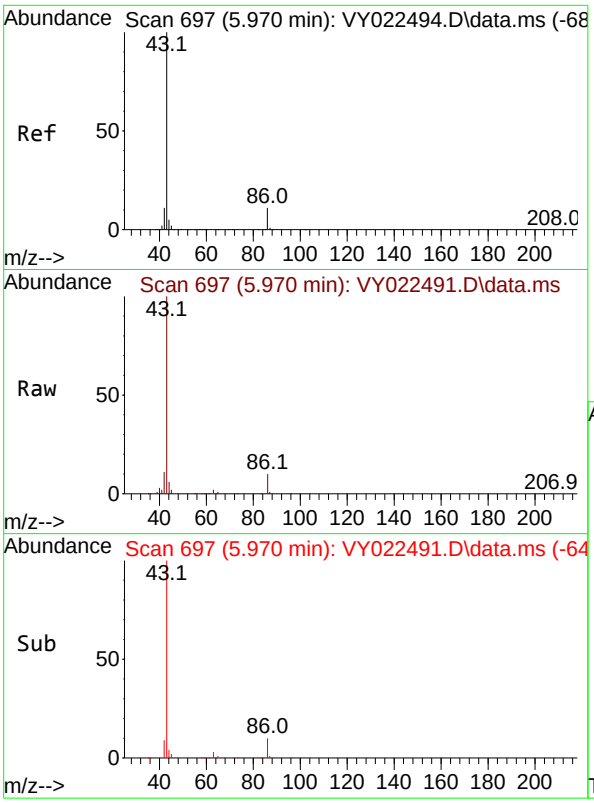


#22
Diisopropyl ether
Concen: 4.544 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 45 Resp: 32497

Ion	Ratio	Lower	Upper
45	100		
43	55.1	48.3	72.5
87	29.3	23.0	34.6
59	9.6	9.4	14.0



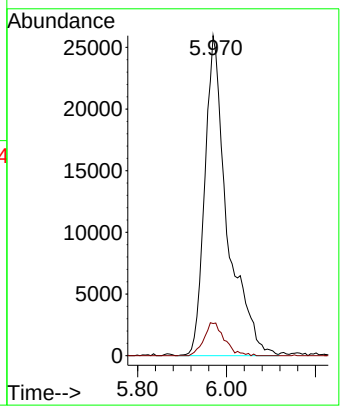


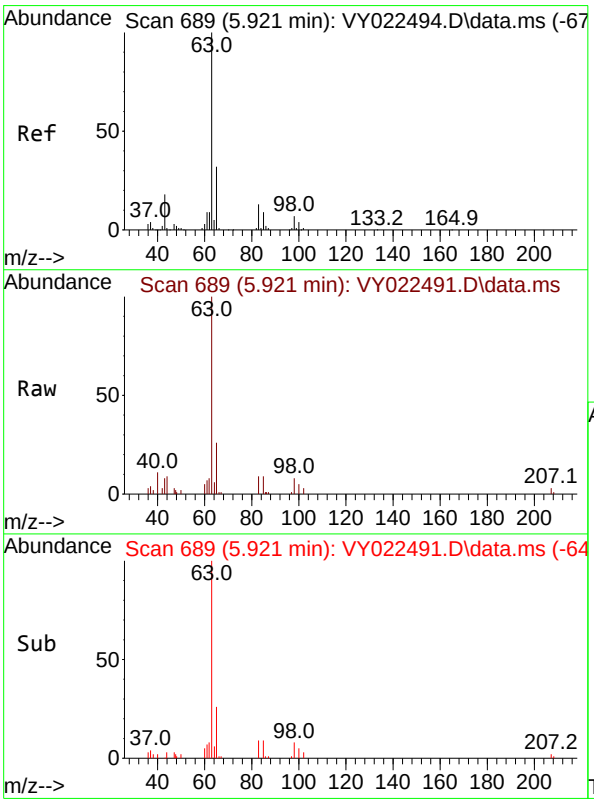
#23
Vinyl Acetate
Concen: 21.559 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 91478

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.6	12.8

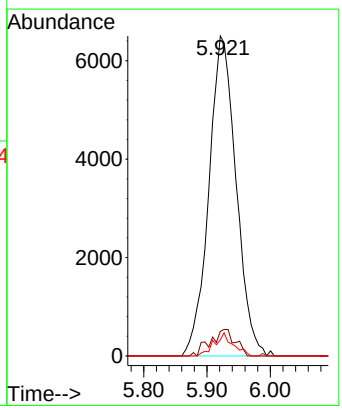


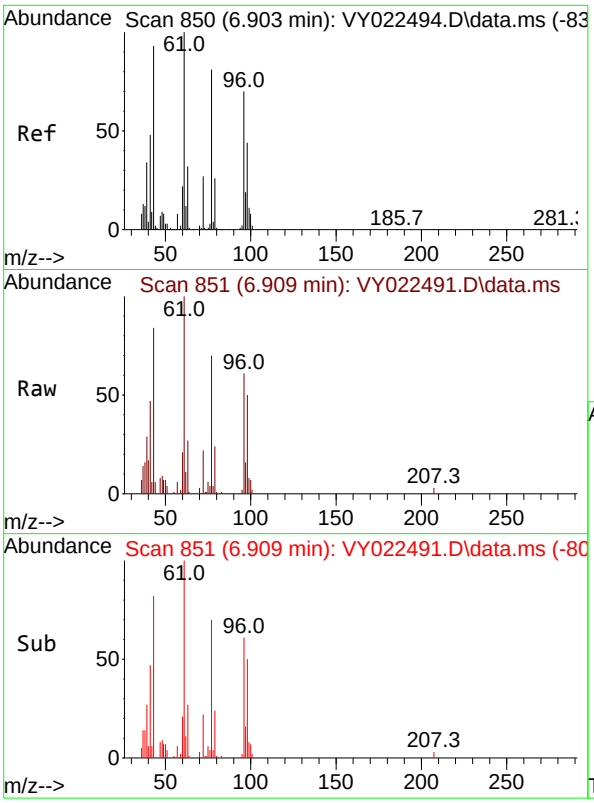


#24
1,1-Dichloroethane
Concen: 4.603 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 63 Resp: 19460

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.4	10.1
100	5.0	2.1	6.3



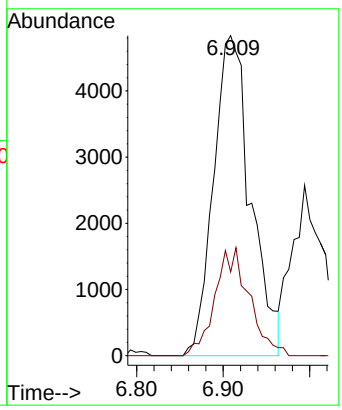


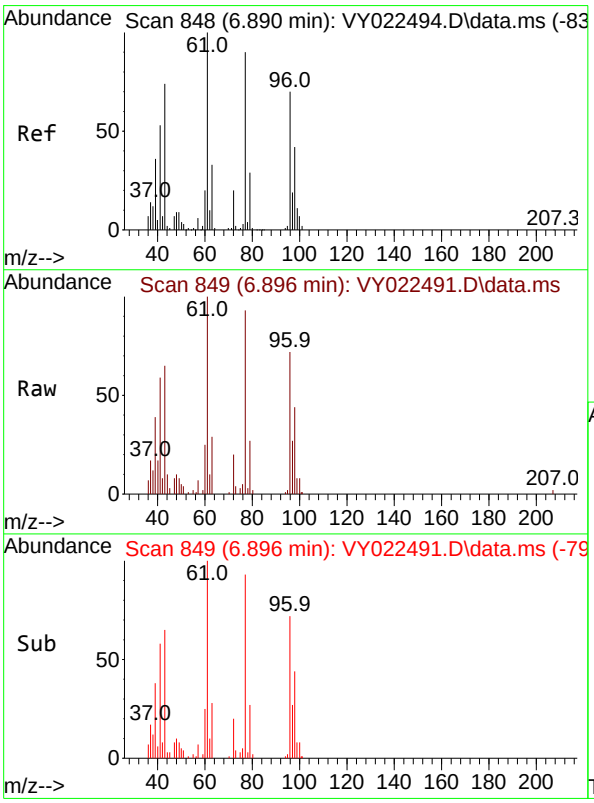
#25
2-Butanone
Concen: 22.605 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 14423

Ion	Ratio	Lower	Upper
43	100		
72	26.2	22.9	34.3

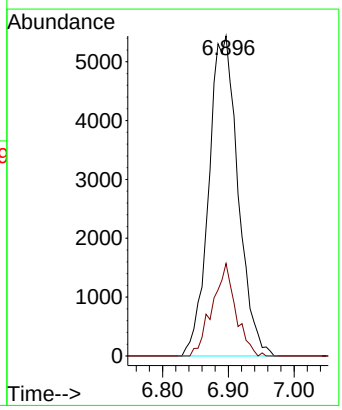


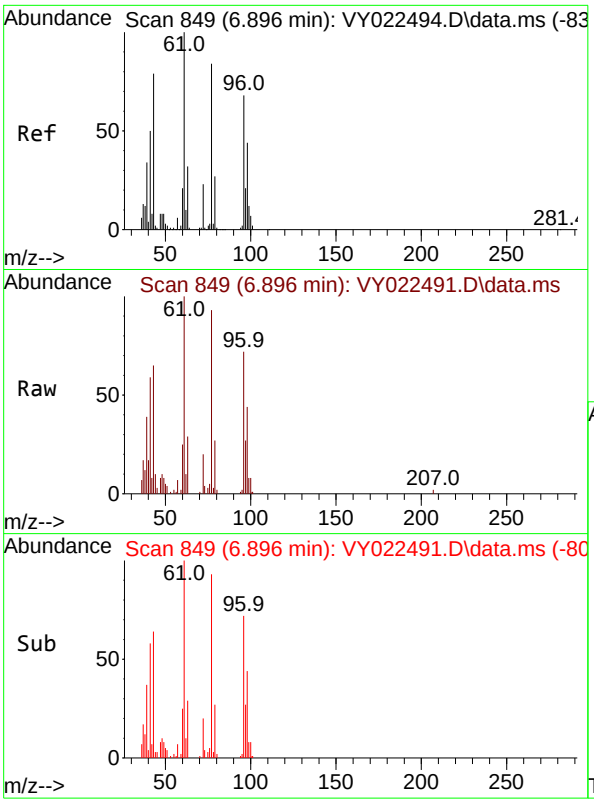


#26
2,2-Dichloropropane
Concen: 4.471 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 77 Resp: 16805

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.4	34.2



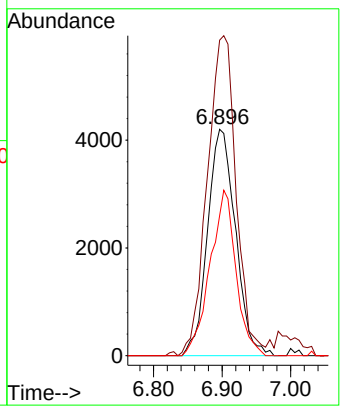


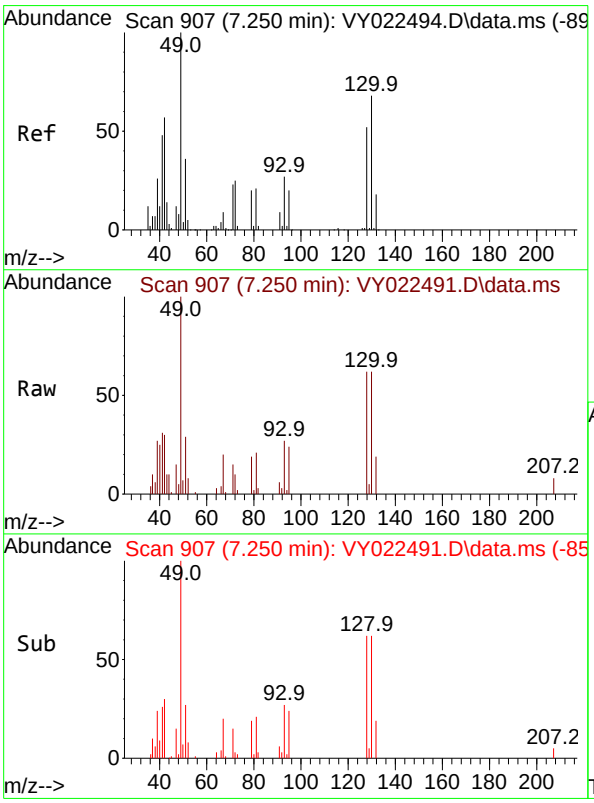
#27
cis-1,2-Dichloroethene
Concen: 4.467 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 11906

Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	290.0
98	67.8	0.0	128.4

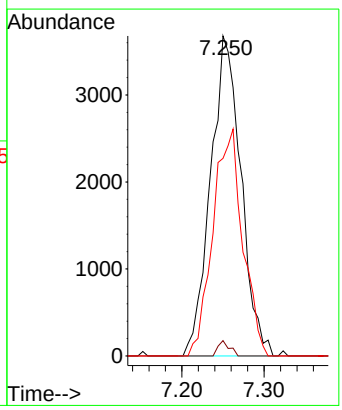


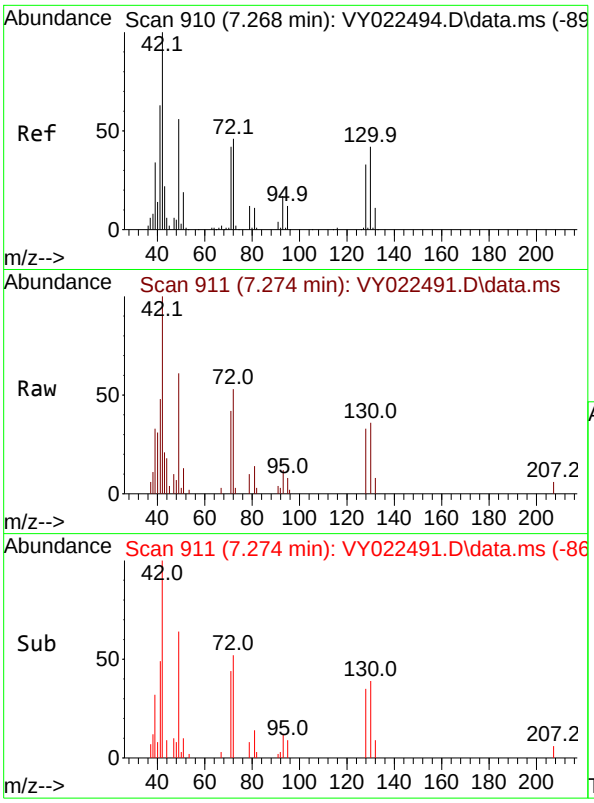


#28
Bromochloromethane
Concen: 5.175 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 49 Resp: 9453

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.5	55.7	83.5



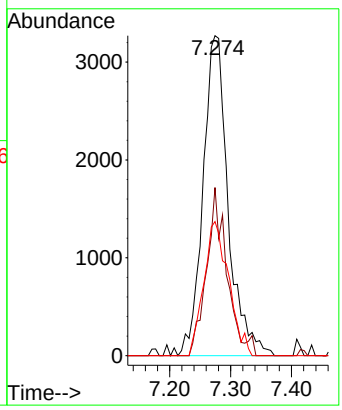


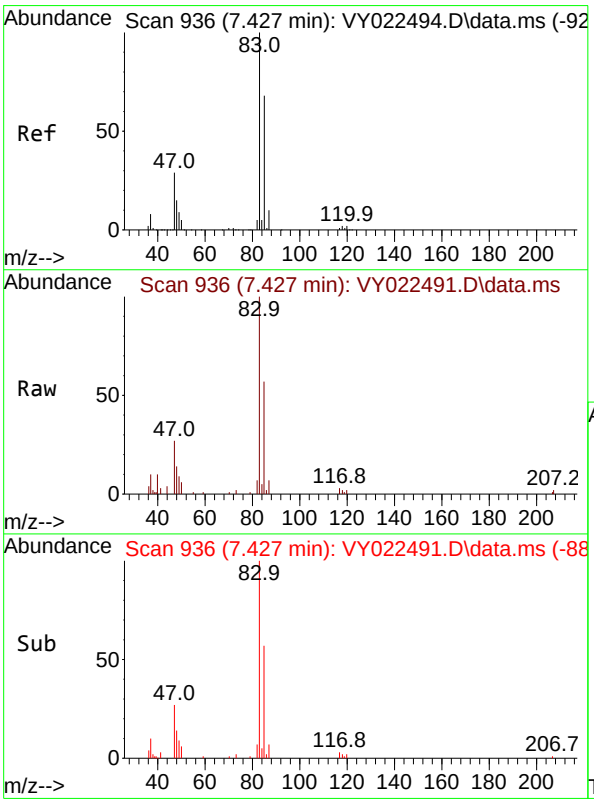
#29
Tetrahydrofuran
Concen: 22.781 ug/l
RT: 7.274 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 9377

Ion	Ratio	Lower	Upper
42	100		
72	41.4	37.4	56.2
71	41.5	34.2	51.2

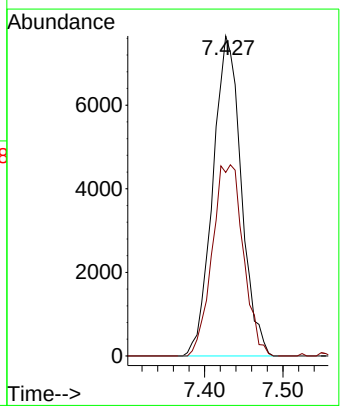


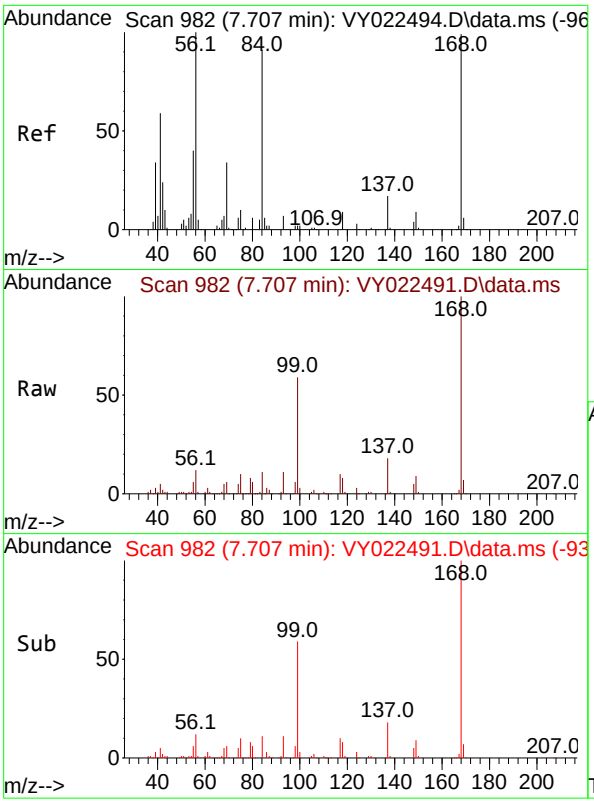


#30
Chloroform
Concen: 4.620 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 83 Resp: 19302

Ion	Ratio	Lower	Upper
83	100		
85	57.4	54.2	81.4



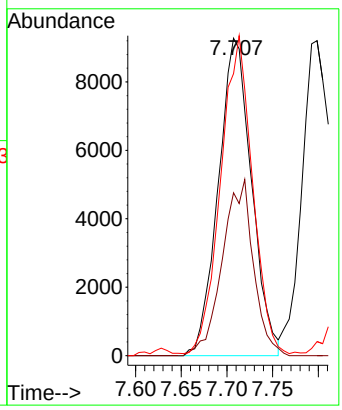


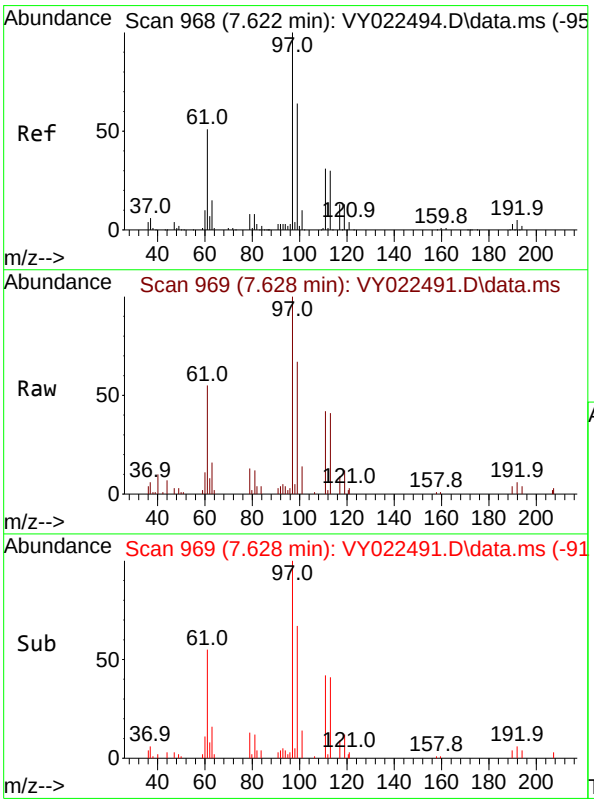
#31
Cyclohexane
Concen: 5.519 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 23482

Ion	Ratio	Lower	Upper
56	100		
69	51.3	27.0	40.6#
84	88.1	72.6	109.0

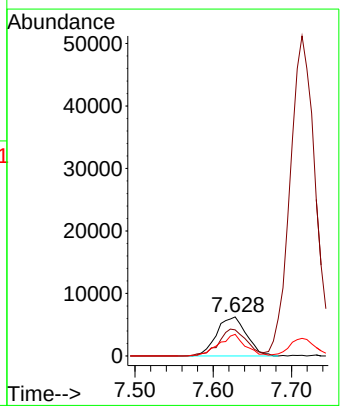


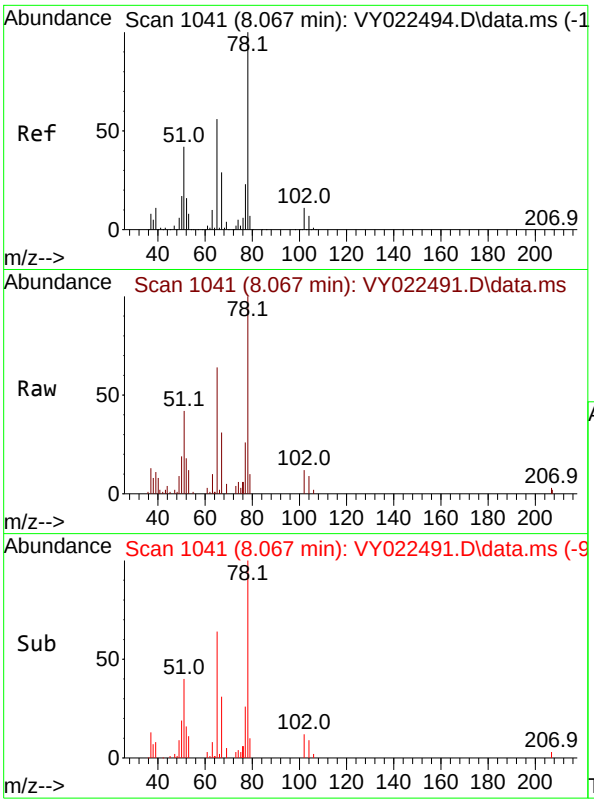


#32
1,1,1-Trichloroethane
Concen: 4.413 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 97 Resp: 16476

Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	48.9	38.5	57.7



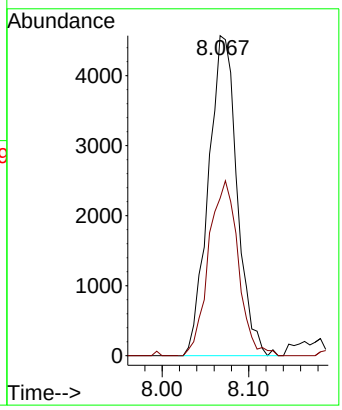


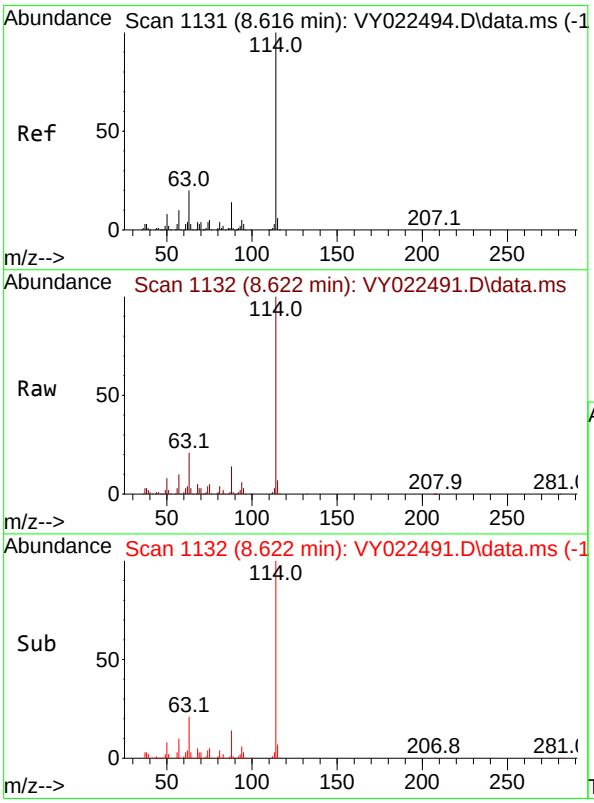
#33
1,2-Dichloroethane-d4
Concen: 4.802 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 10508

Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	103.4

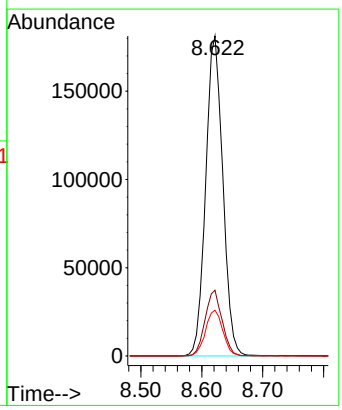


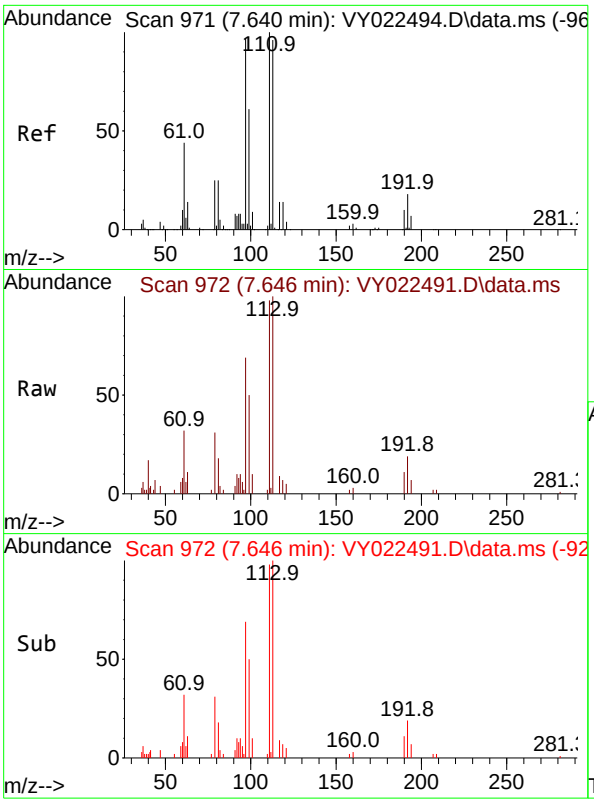


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:114 Resp: 353755

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	14.3	0.0	27.8



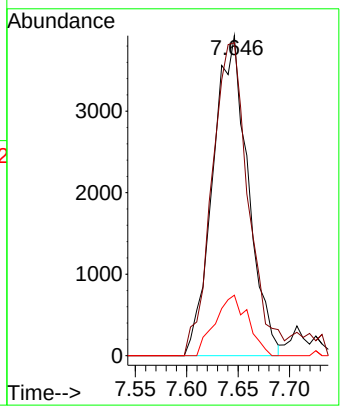


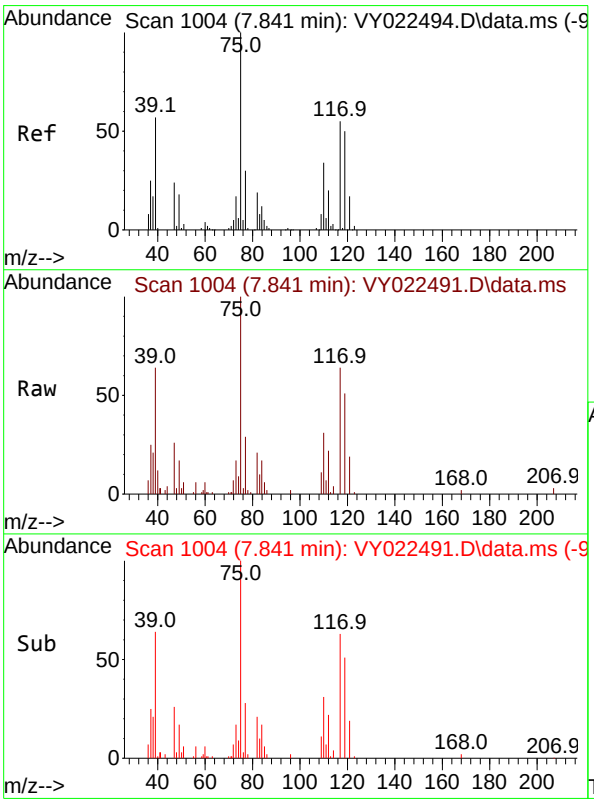
#35
Dibromofluoromethane
Concen: 4.477 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 9323

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	17.8	14.2	21.2

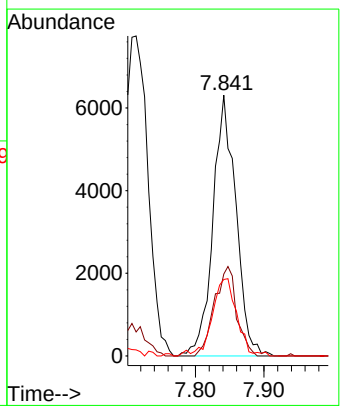


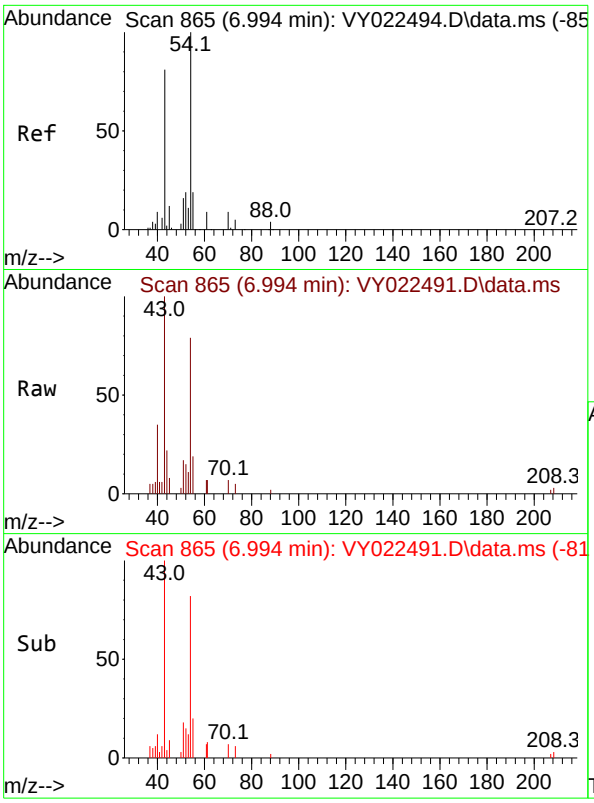


#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 14700

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.9	50.7
77	32.0	24.8	37.2



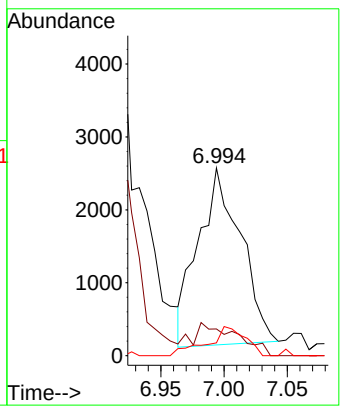


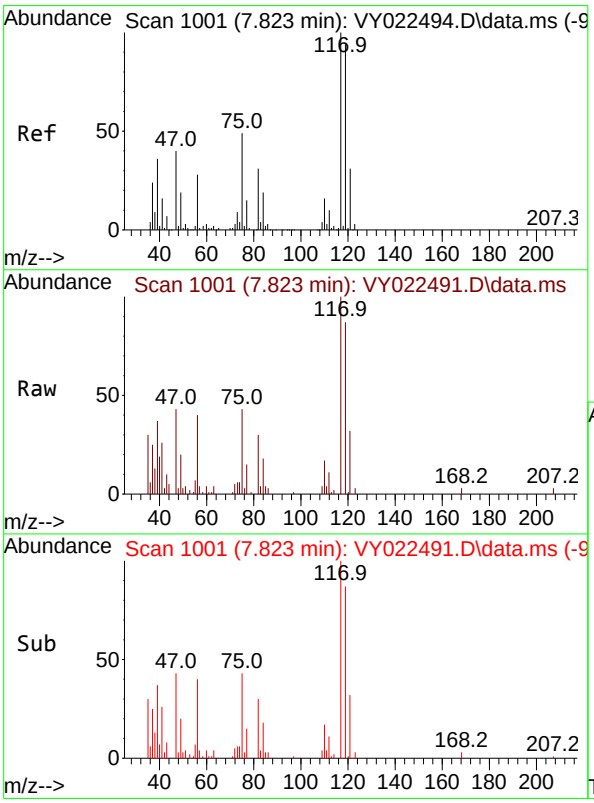
#37
Ethyl Acetate
Concen: 3.822 ug/l
RT: 6.994 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 5662

Ion	Ratio	Lower	Upper
43	100		
61	19.6	11.5	17.3#
70	14.5	7.2	10.8#

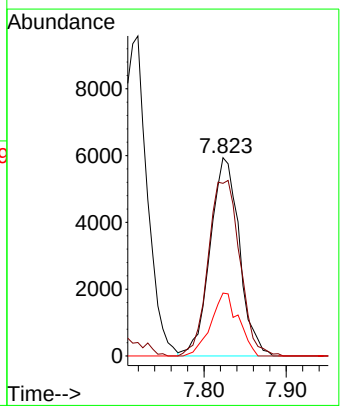


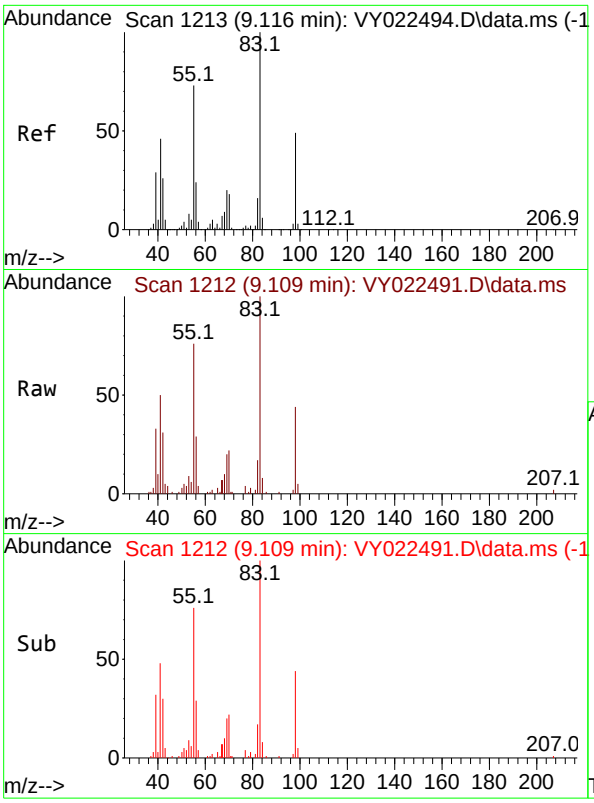


#38
Carbon Tetrachloride
Concen: 4.233 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:117 Resp: 14691

Ion	Ratio	Lower	Upper
117	100		
119	87.1	75.0	112.6
121	31.7	25.0	37.4



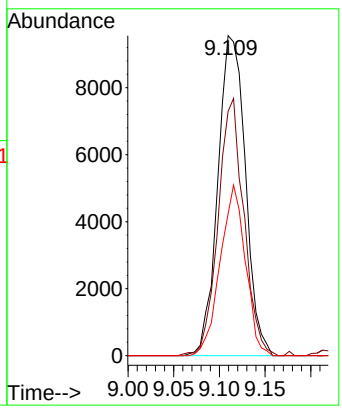


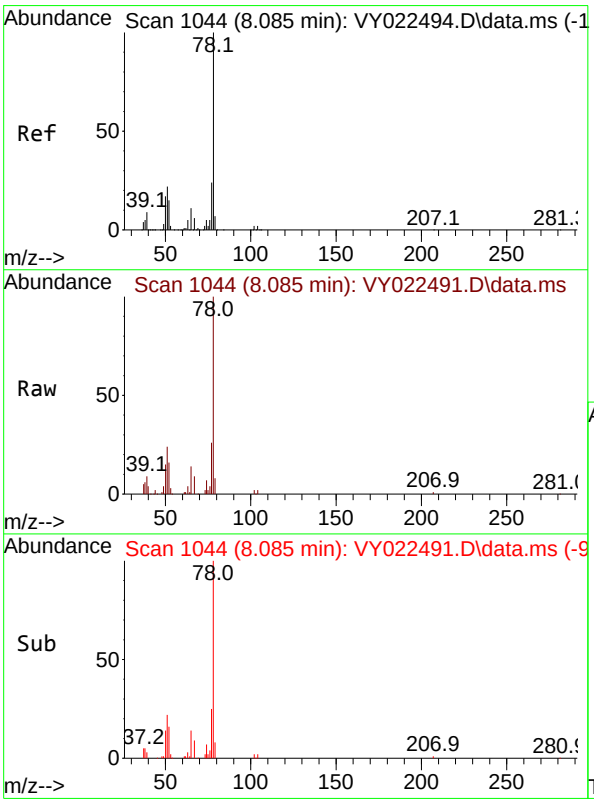
#39
Methylcyclohexane
Concen: 4.415 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 20076

Ion	Ratio	Lower	Upper
83	100		
55	76.4	58.1	87.1
98	44.4	39.0	58.6

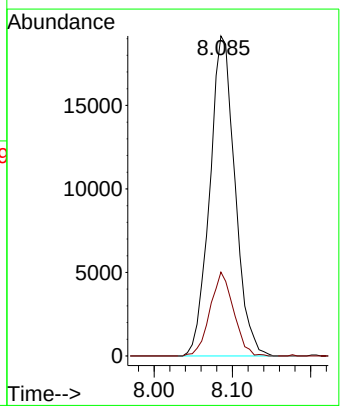


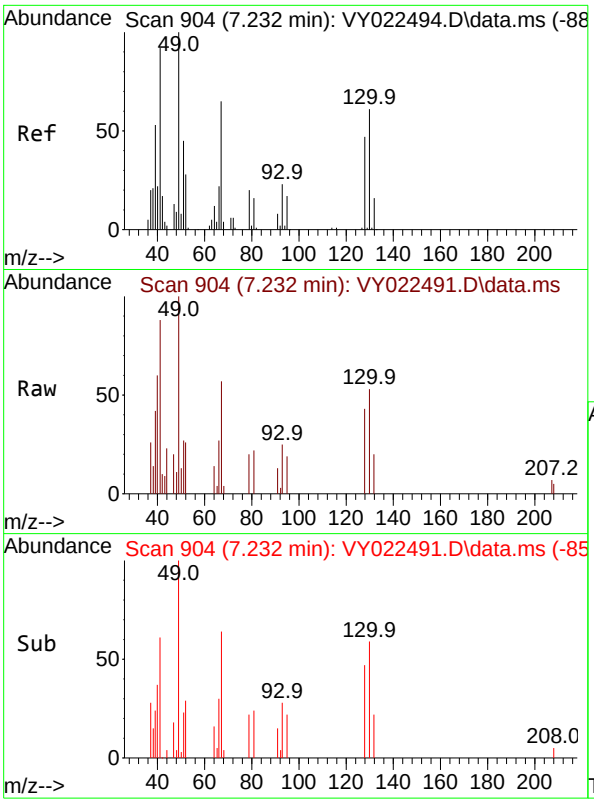


#40
Benzene
Concen: 4.326 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 78 Resp: 42926

Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.3	28.9



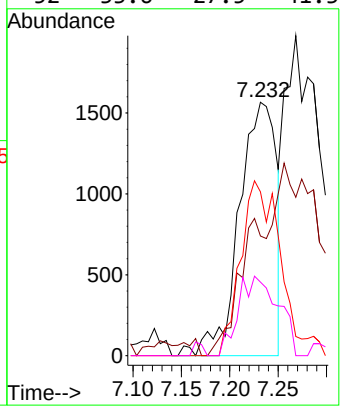


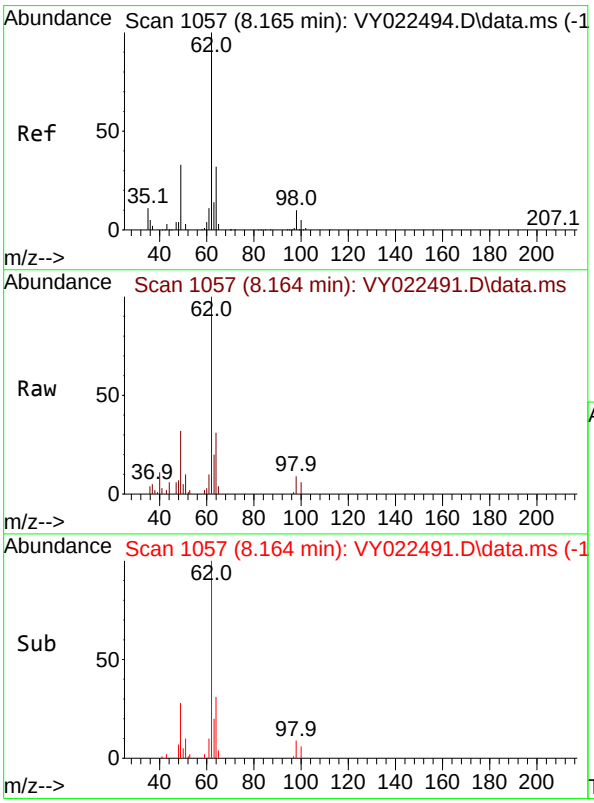
#41
Methacrylonitrile
Concen: 4.394 ug/l
RT: 7.232 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 4192

Ion	Ratio	Lower	Upper
41	100		
39	40.1	46.6	69.8#
67	74.0	63.3	94.9
52	33.6	27.5	41.3

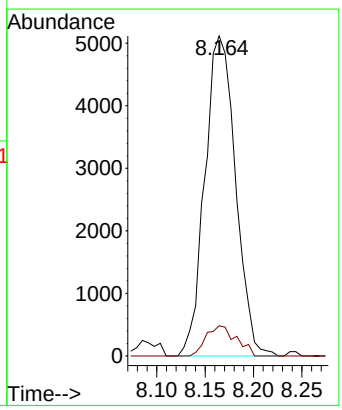


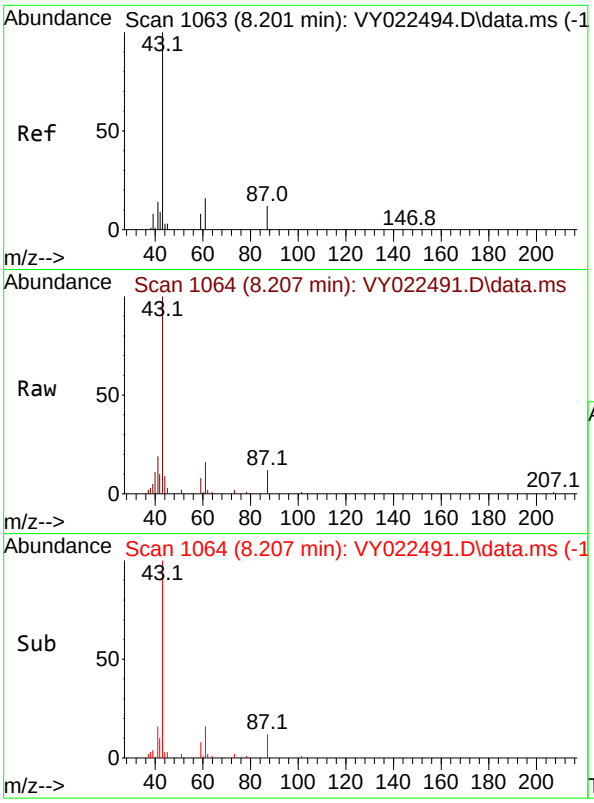


#42
1,2-Dichloroethane
Concen: 4.198 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 62 Resp: 11332

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2



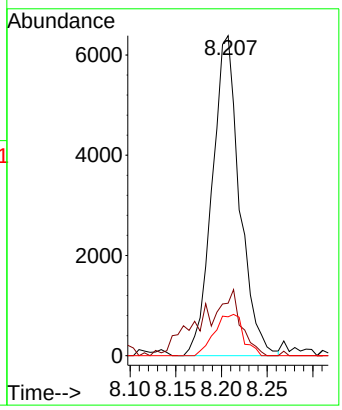


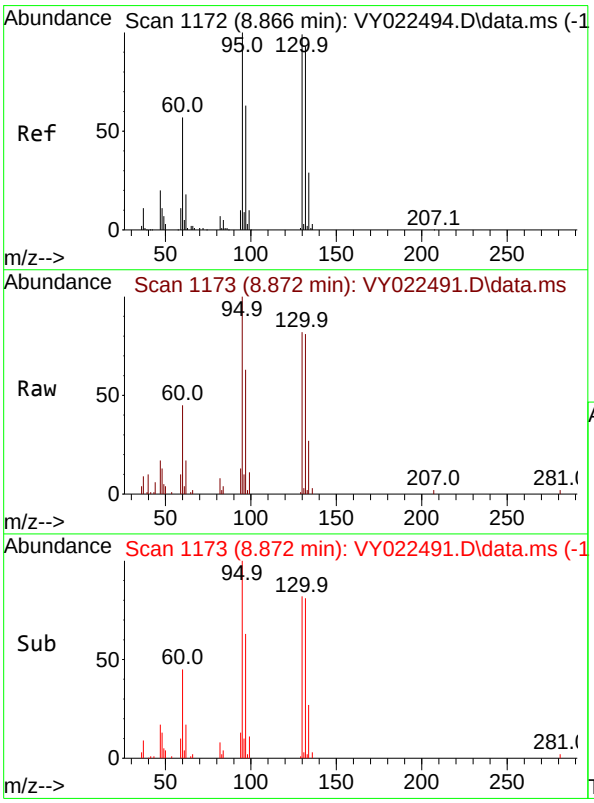
#43
Isopropyl Acetate
Concen: 4.117 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 13330

Ion	Ratio	Lower	Upper
43	100		
61	16.2	15.6	23.4
87	13.6	10.2	15.4

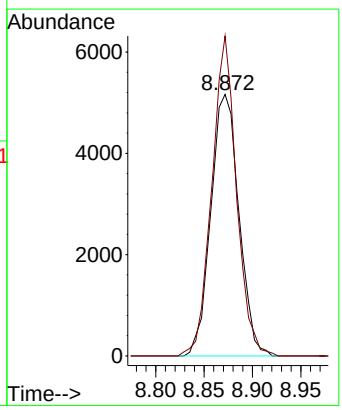


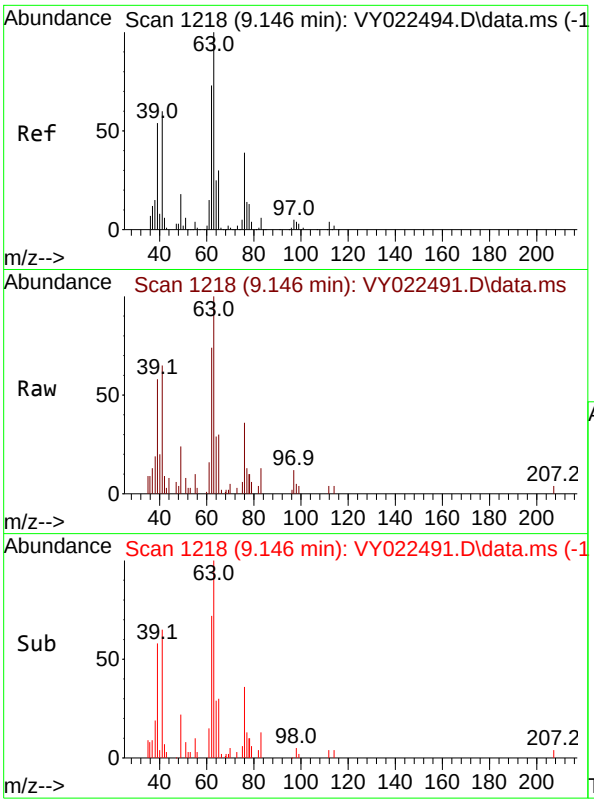


#44
Trichloroethene
Concen: 4.292 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:130 Resp: 10404

Ion	Ratio	Lower	Upper
130	100		
95	122.3	0.0	203.0



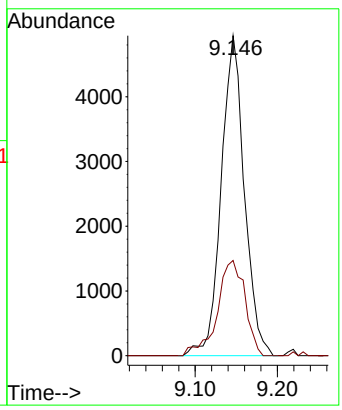


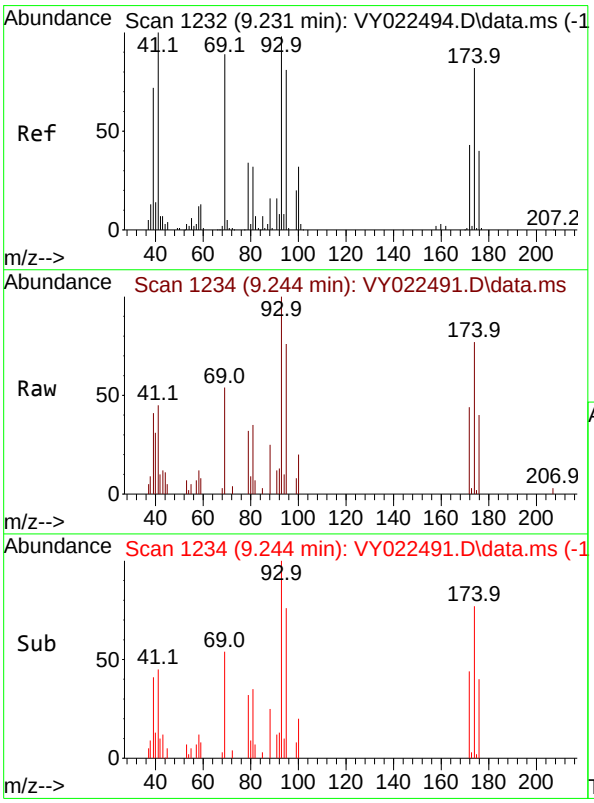
#45
1,2-Dichloropropane
Concen: 4.091 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 9678

Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.0	36.0

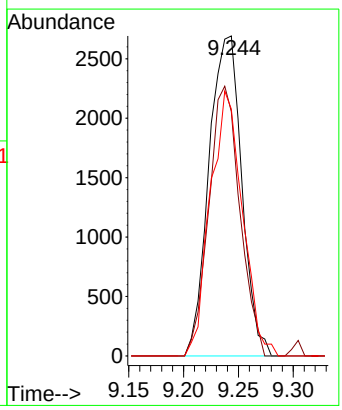


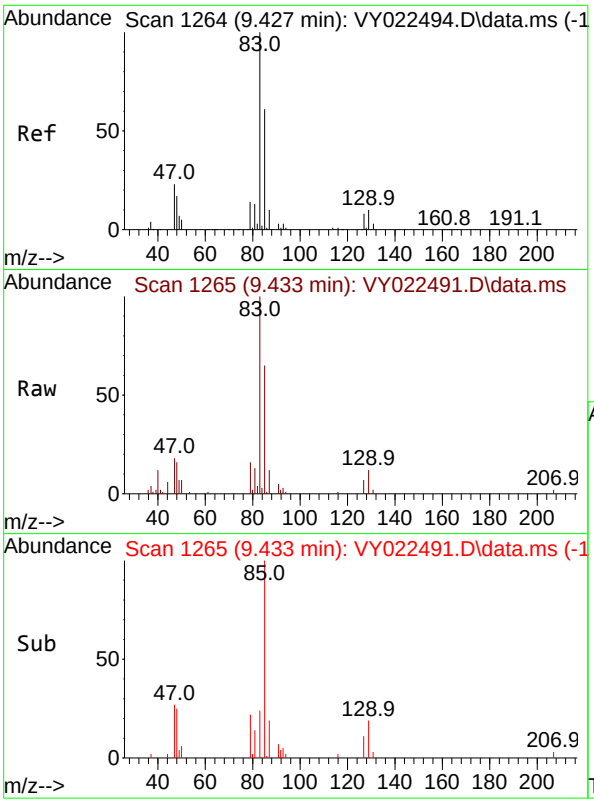


#46
Dibromomethane
Concen: 4.223 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 93 Resp: 5596

Ion	Ratio	Lower	Upper
93	100		
95	79.9	65.6	98.4
174	81.3	70.4	105.6



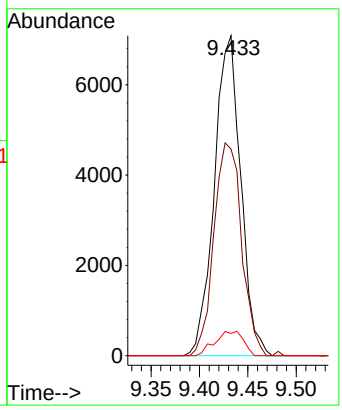


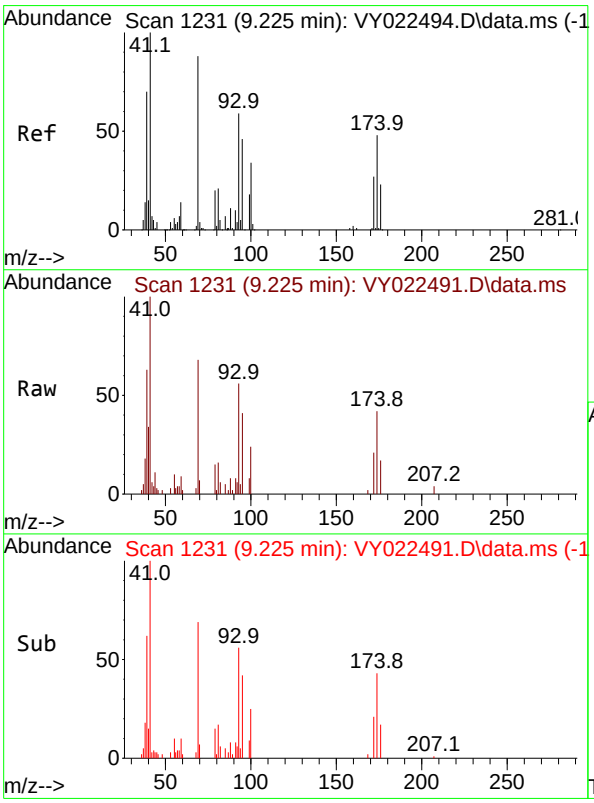
#47
Bromodichloromethane
Concen: 3.999 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 13448

Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.1	73.7
127	7.0	6.2	9.4

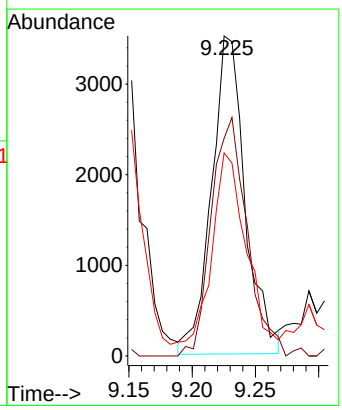


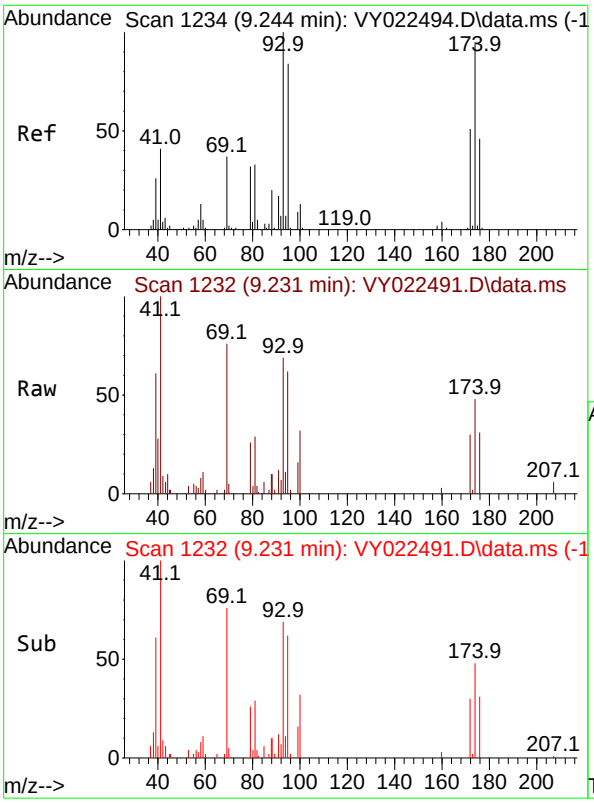


#48
Methyl methacrylate
Concen: 4.374 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 41 Resp: 6483

Ion	Ratio	Lower	Upper
41	100		
69	80.0	67.8	101.8
39	57.3	55.0	82.4



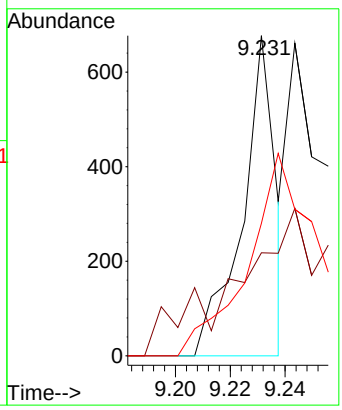


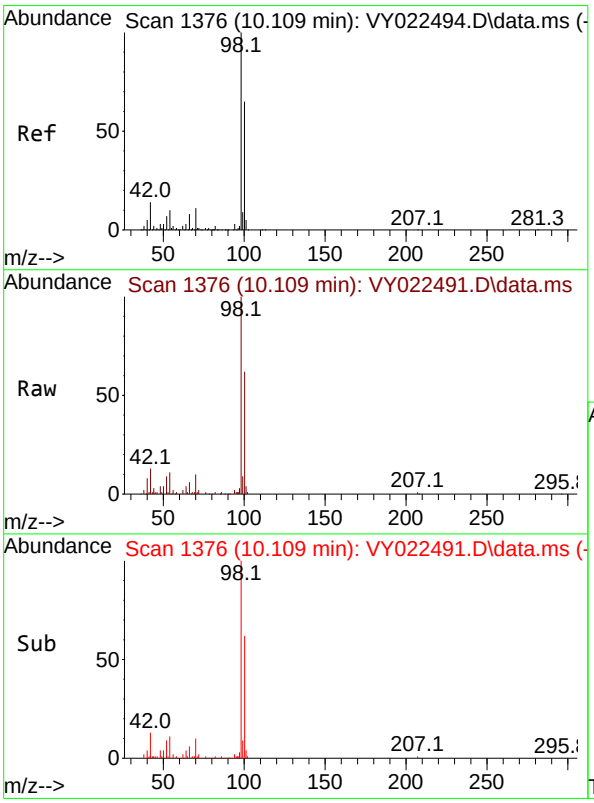
#49
1,4-Dioxane
Concen: 36.306 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 574

Ion	Ratio	Lower	Upper
88	100		
43	125.4	25.4	38.2#
58	154.7	54.9	82.3#

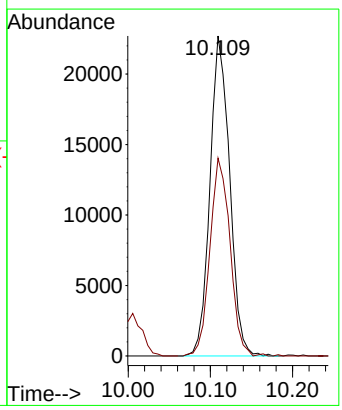


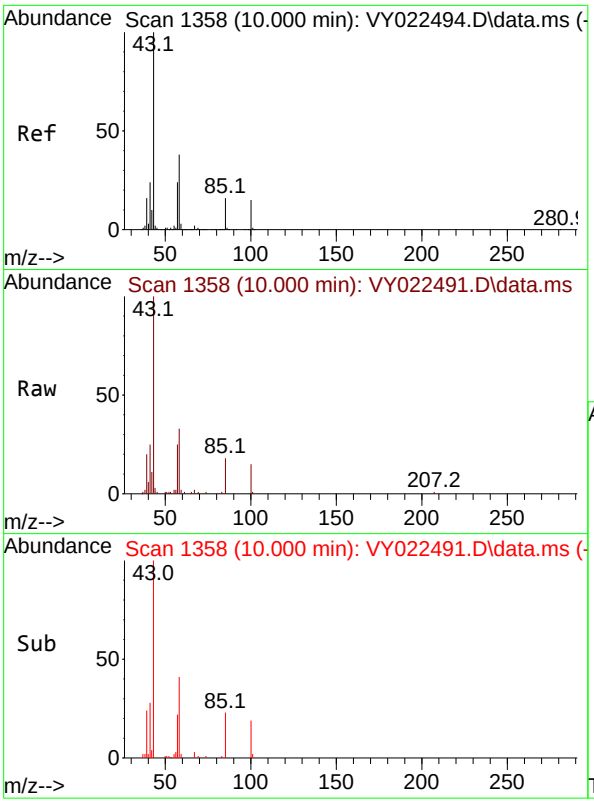


#50
Toluene-d8
Concen: 4.482 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 98 Resp: 37729

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.4	77.0



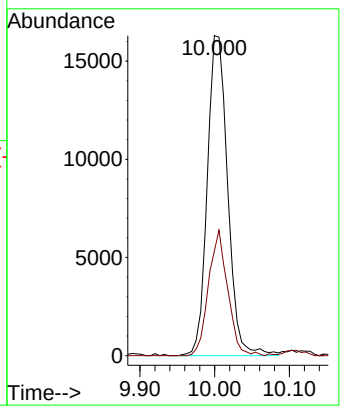


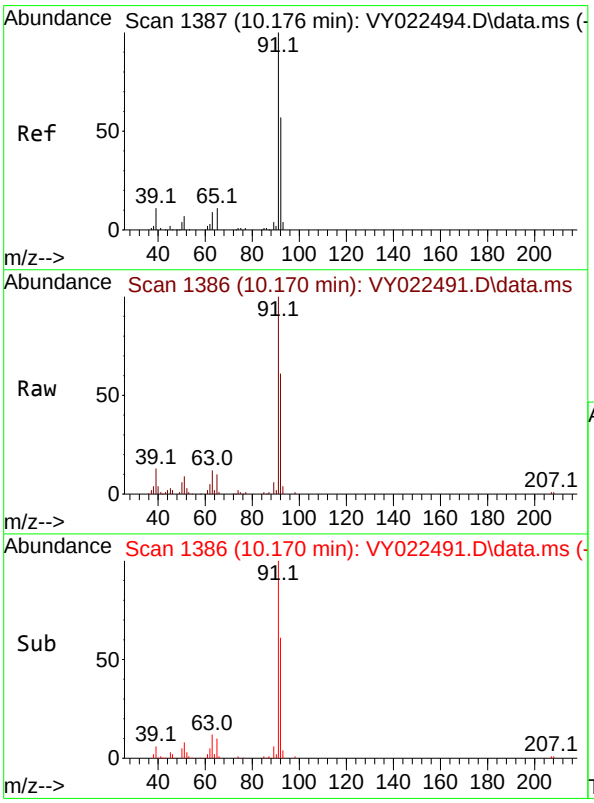
#51
4-Methyl-2-Pentanone
Concen: 19.273 ug/l
RT: 10.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 30969

Ion	Ratio	Lower	Upper
43	100		
58	36.7	30.4	45.6

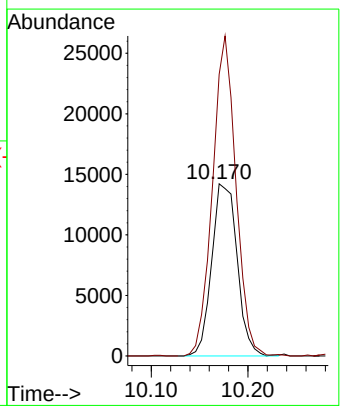


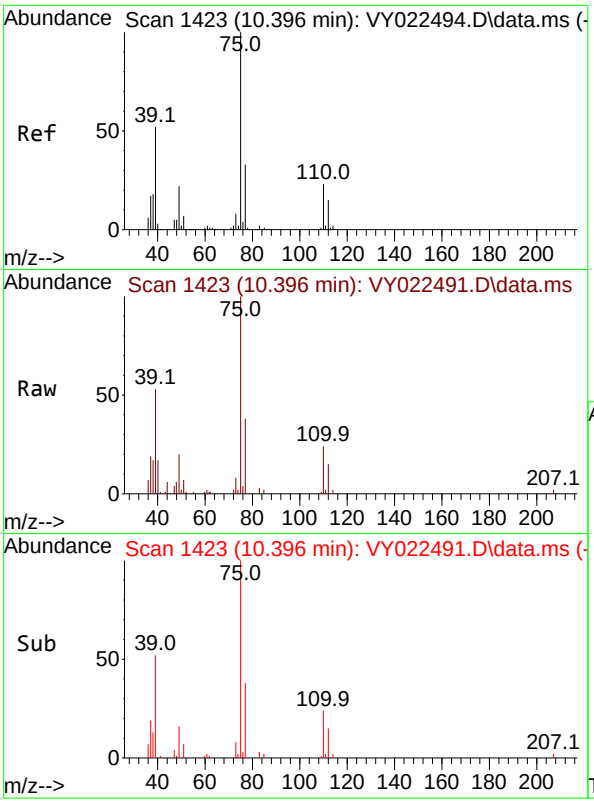


#52
Toluene
Concen: 4.150 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 92 Resp: 25893

Ion	Ratio	Lower	Upper
92	100		
91	171.8	139.0	208.4



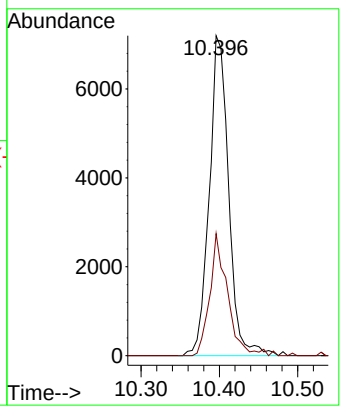


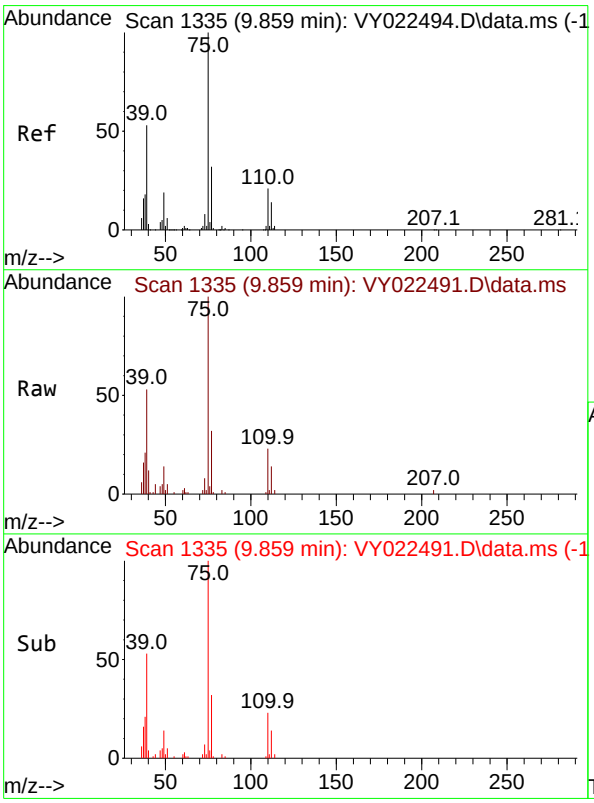
#53
t-1,3-Dichloropropene
Concen: 3.982 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 12388

Ion	Ratio	Lower	Upper
75	100		
77	38.1	26.5	39.7

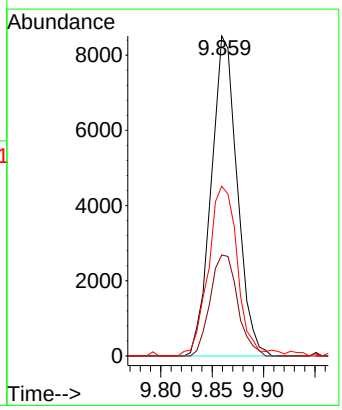


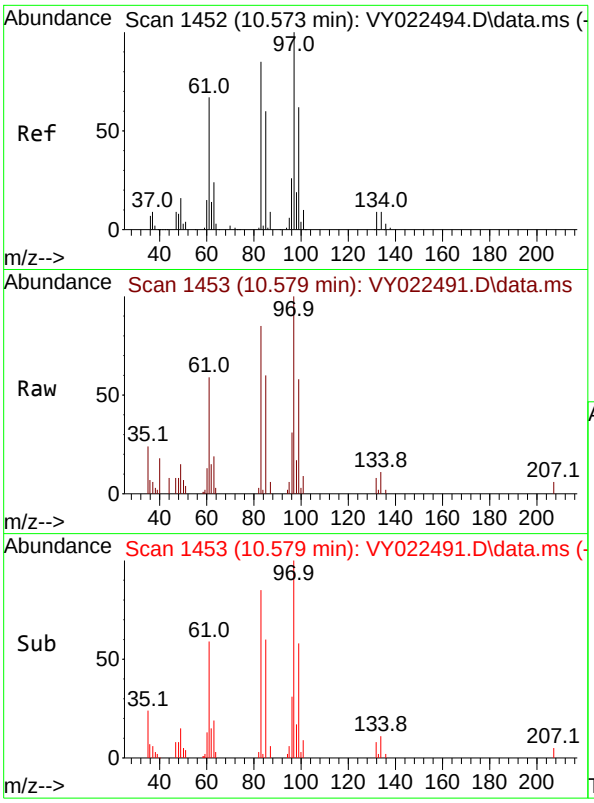


#54
cis-1,3-Dichloropropene
Concen: 4.103 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 14966

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	53.0	42.7	64.1



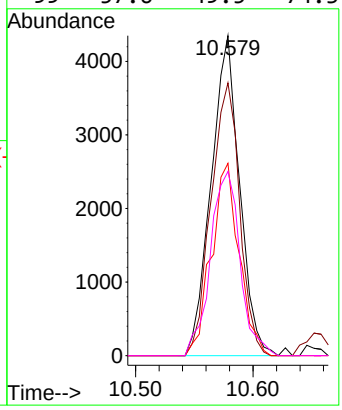


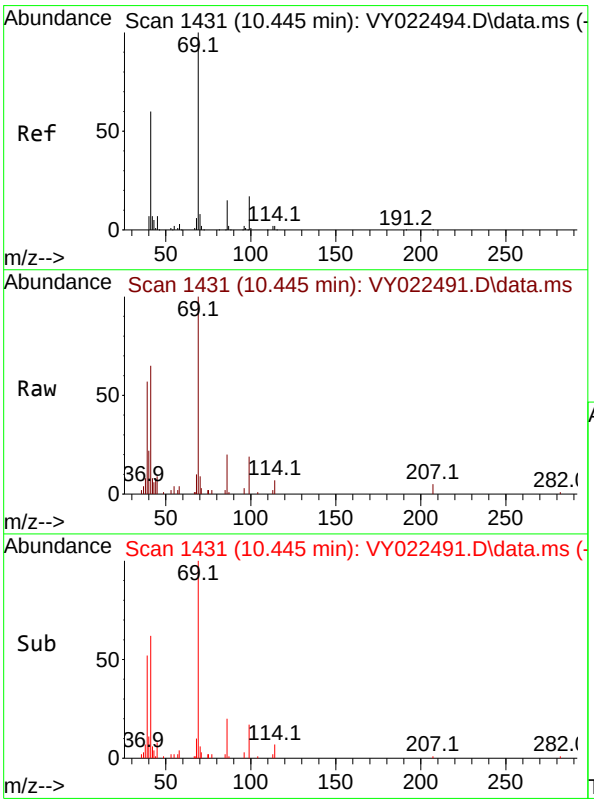
#55
1,1,2-Trichloroethane
Concen: 4.385 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 7318

Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	60.1	48.2	72.2
99	57.6	49.5	74.3

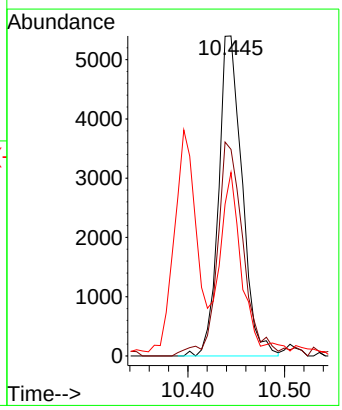


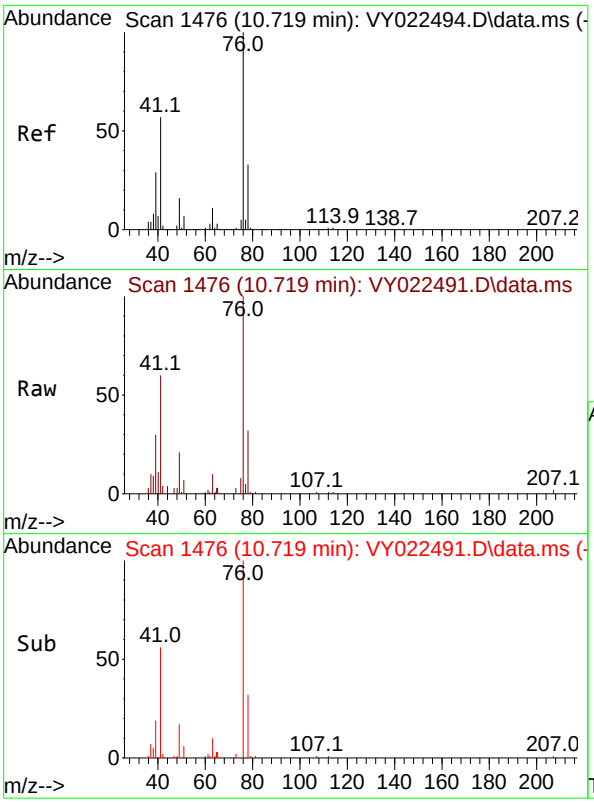


#56
Ethyl methacrylate
Concen: 3.751 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 69 Resp: 9092

Ion	Ratio	Lower	Upper
69	100		
41	73.4	52.2	78.2
39	46.3	36.7	55.1



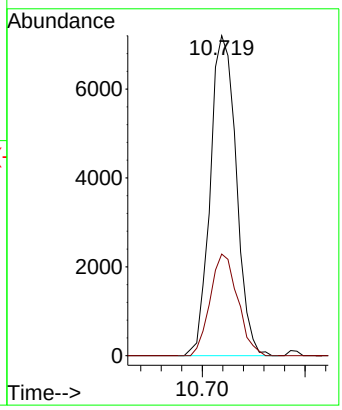


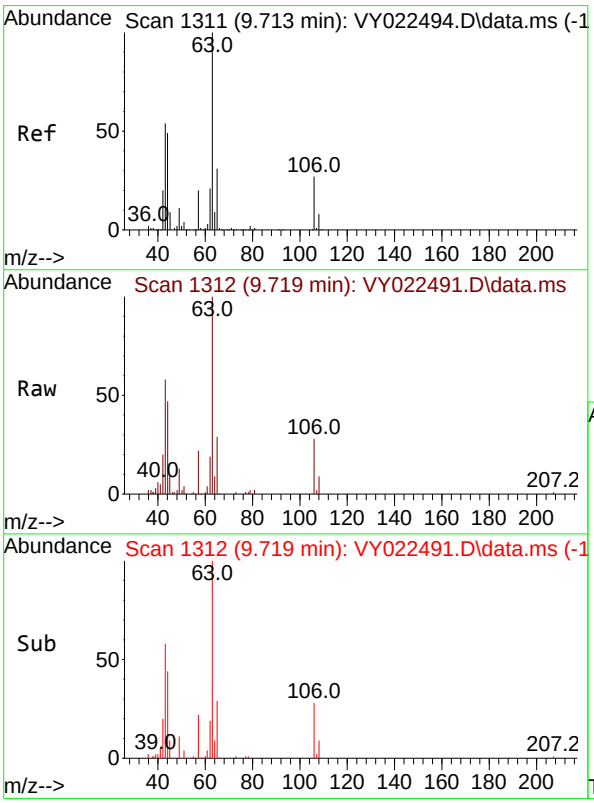
#57
1,3-Dichloropropane
Concen: 4.255 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 12648

Ion	Ratio	Lower	Upper
76	100		
78	33.6	25.8	38.8

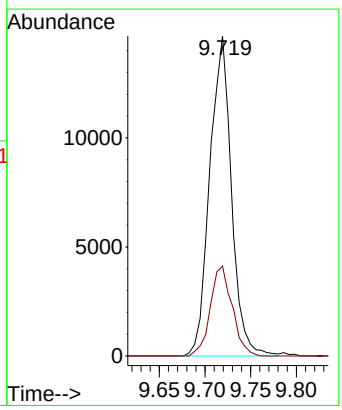


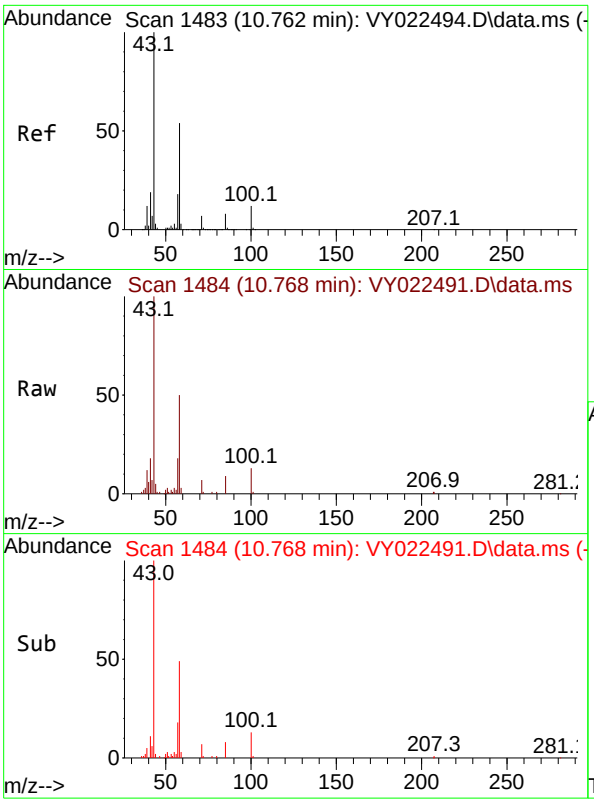


#58
2-Chloroethyl Vinyl ether
Concen: 22.409 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 63 Resp: 24214

Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.6	32.4



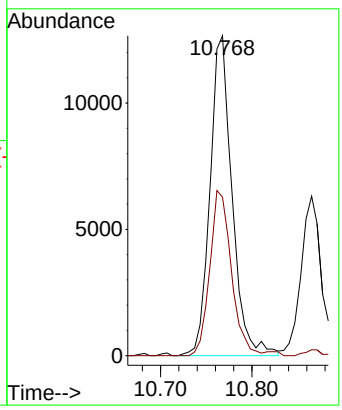


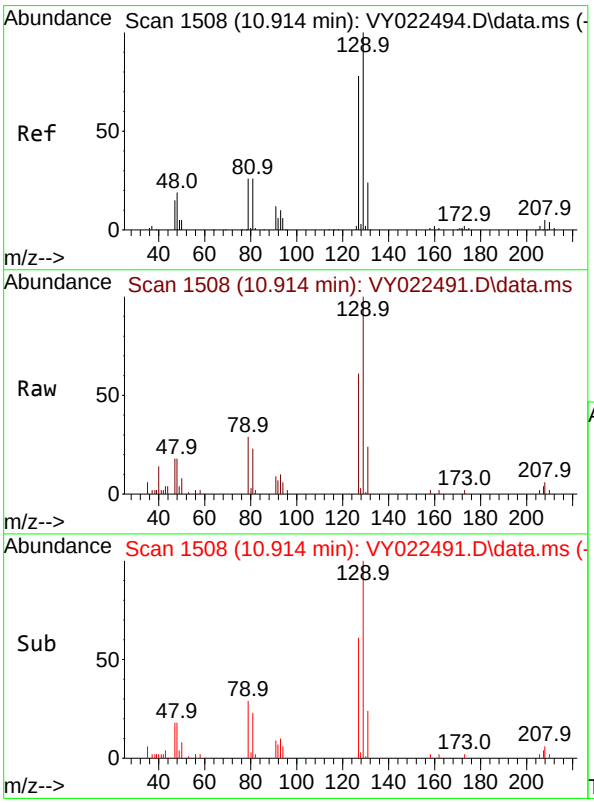
#59
2-Hexanone
Concen: 19.832 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 21243

Ion	Ratio	Lower	Upper
43	100		
58	50.4	27.3	81.8

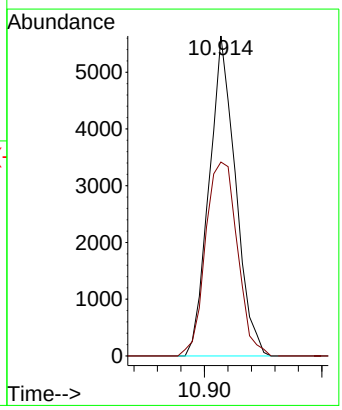


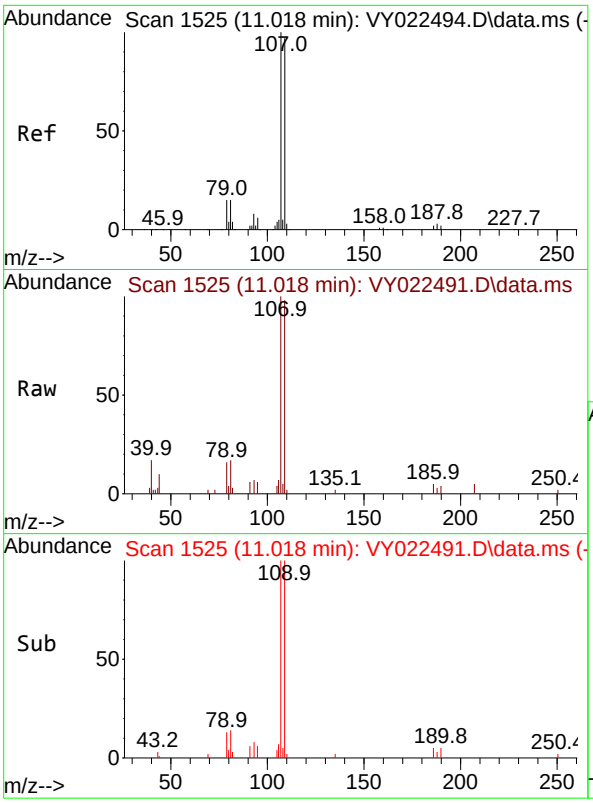


#60
Dibromochloromethane
Concen: 4.152 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:129 Resp: 8781

Ion	Ratio	Lower	Upper
129	100		
127	73.3	39.1	117.2



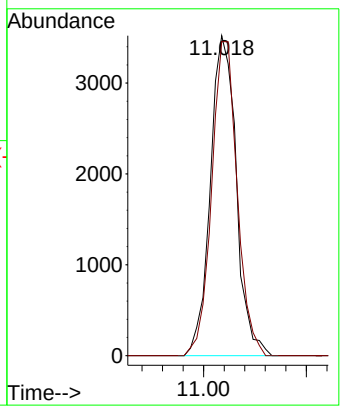


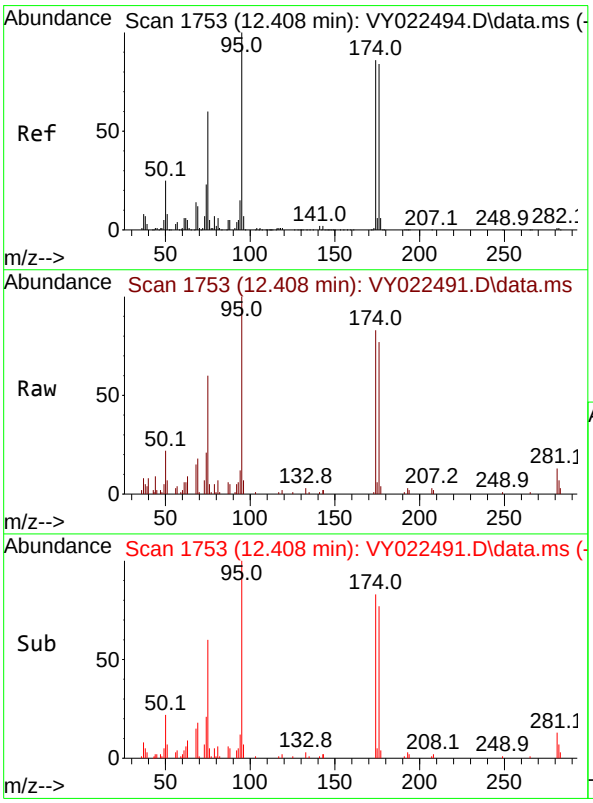
#61
1,2-Dibromoethane
Concen: 3.991 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 6146

Ion	Ratio	Lower	Upper
107	100		
109	96.8	77.7	116.5

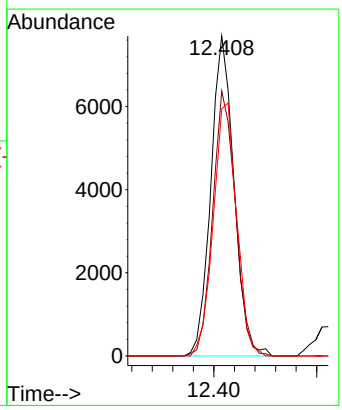


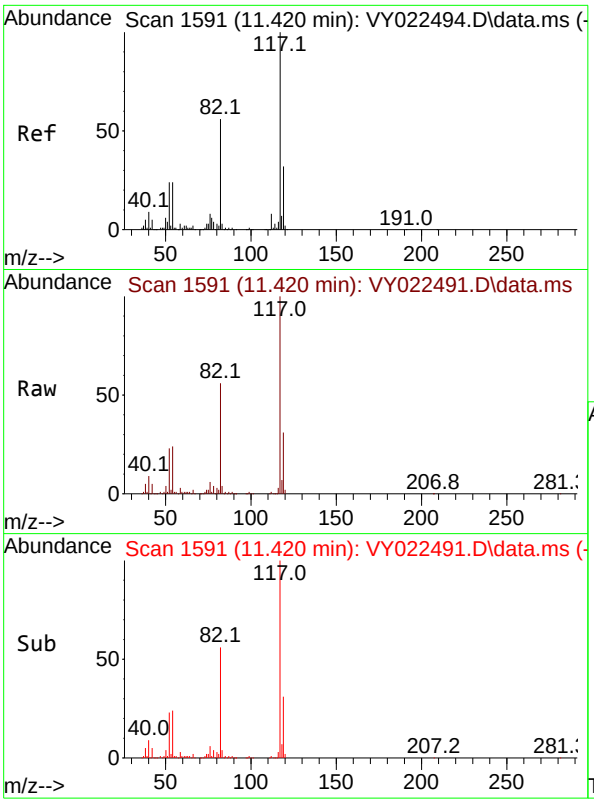


#62
4-Bromofluorobenzene
Concen: 4.697 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 95 Resp: 11988

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	170.0
176	80.2	0.0	166.2



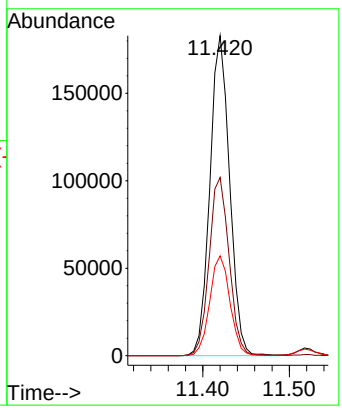


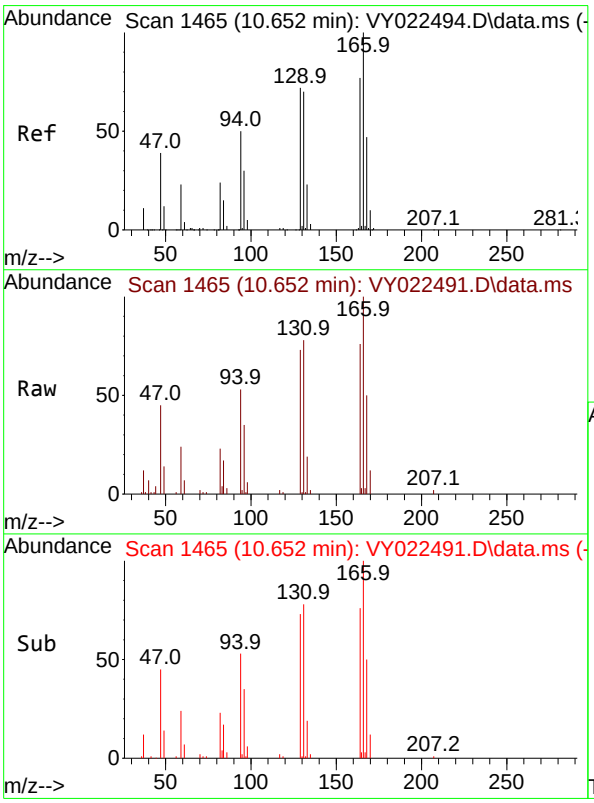
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 289394

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	31.2	25.4	38.0

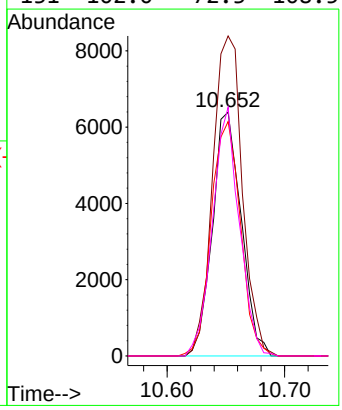


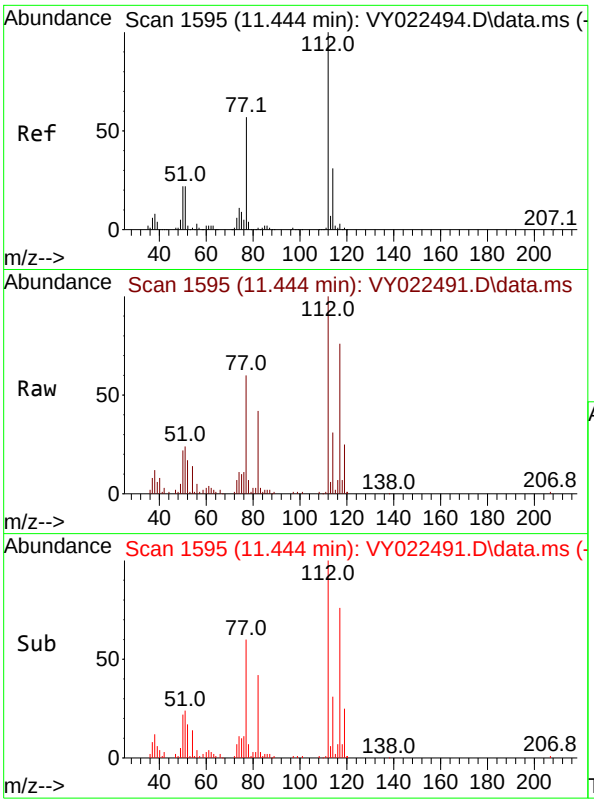


#64
Tetrachloroethene
Concen: 4.417 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:164 Resp: 10863

Ion	Ratio	Lower	Upper
164	100		
166	131.2	104.0	156.0
129	96.1	74.5	111.7
131	102.0	72.3	108.5



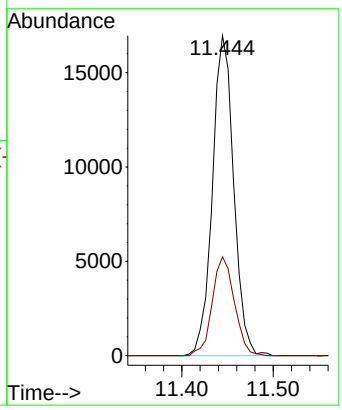


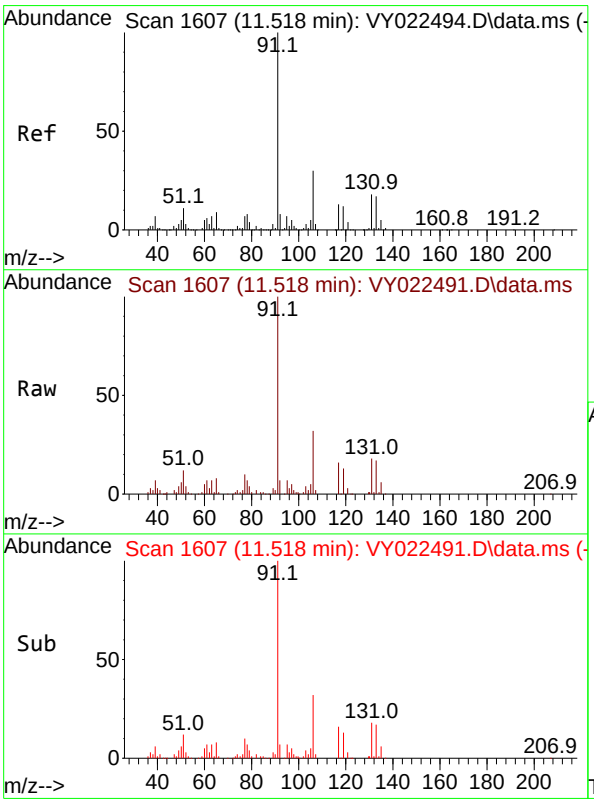
#65
Chlorobenzene
Concen: 4.377 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 27467

Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.0	37.6

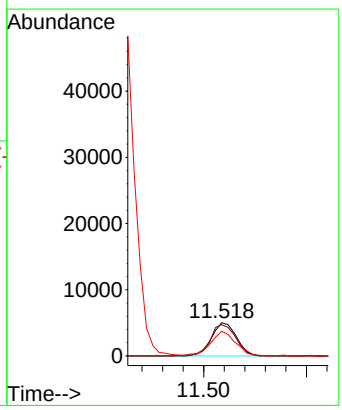


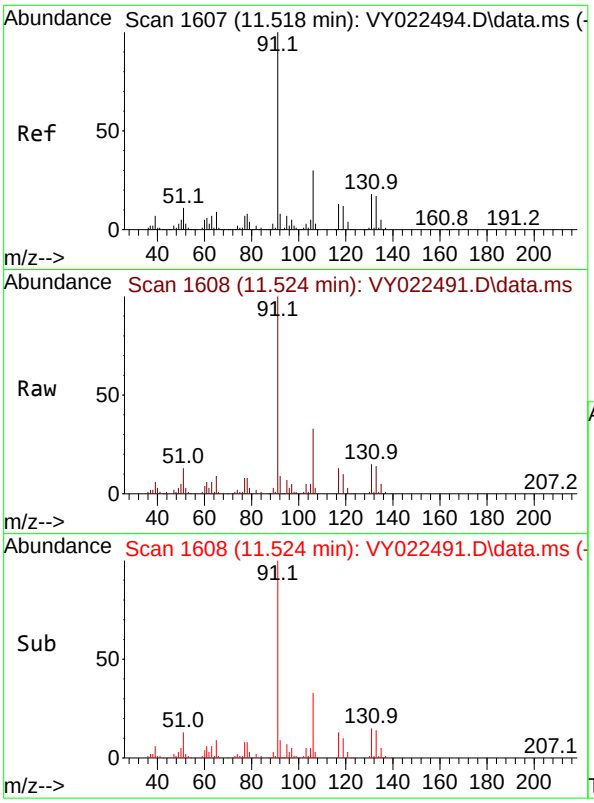


#66
1,1,1,2-Tetrachloroethane
Concen: 3.959 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:131 Resp: 8422

Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.3	141.8
119	74.3	33.1	99.3



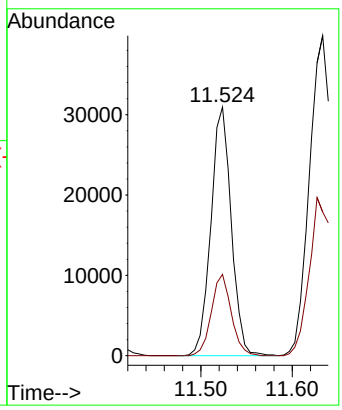


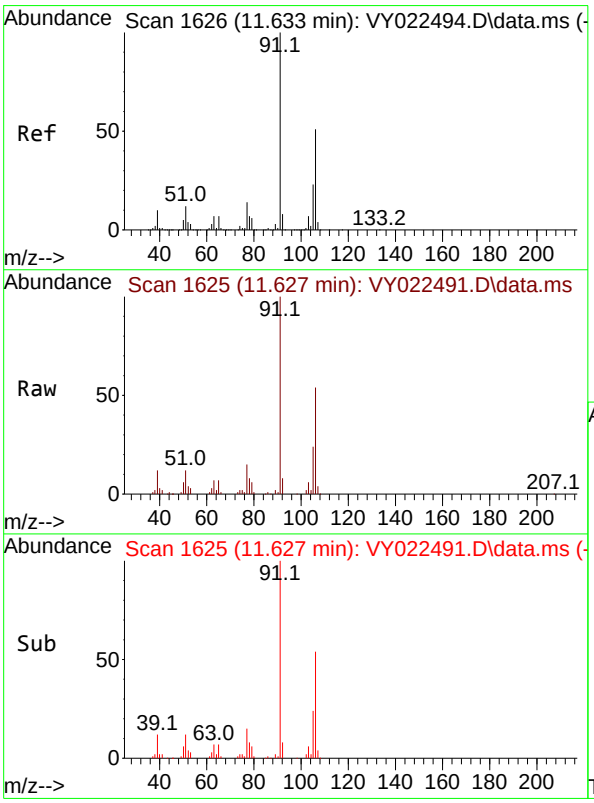
#67
Ethyl Benzene
Concen: 4.098 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 47883

Ion	Ratio	Lower	Upper
91	100		
106	32.7	24.2	36.4

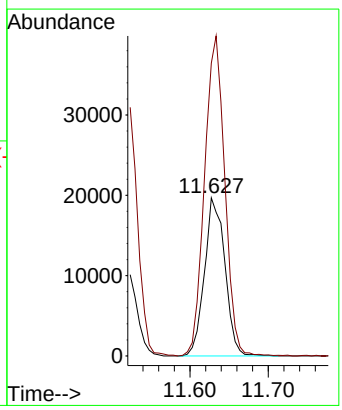


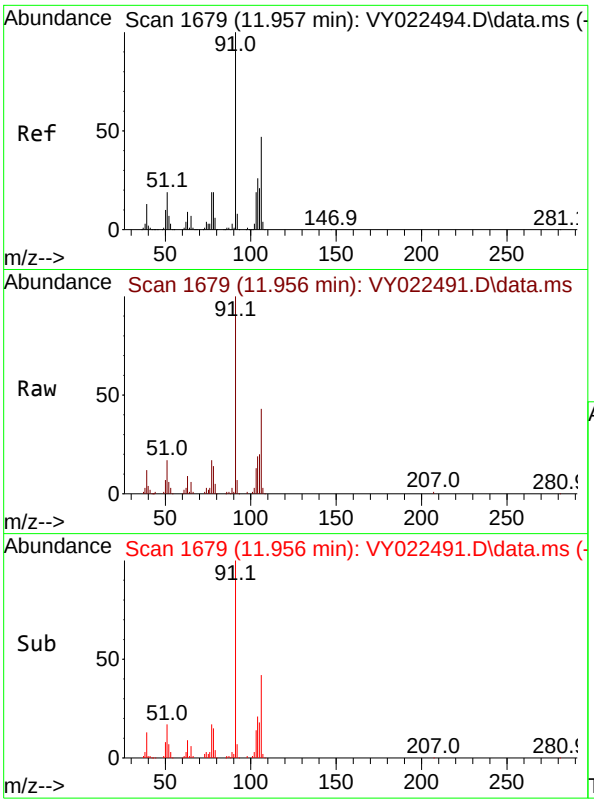


#68
m/p-Xylenes
Concen: 8.060 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:106 Resp: 35645

Ion	Ratio	Lower	Upper
106	100		
91	200.7	159.4	239.0



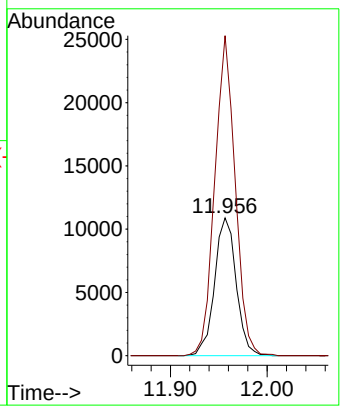


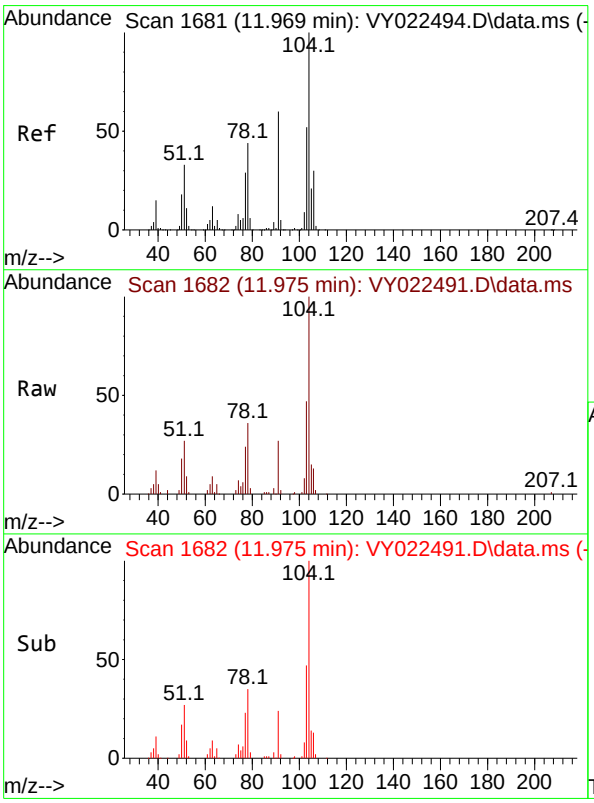
#69
o-Xylene
Concen: 4.075 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 16866

Ion	Ratio	Lower	Upper
106	100		
91	219.4	105.8	317.3

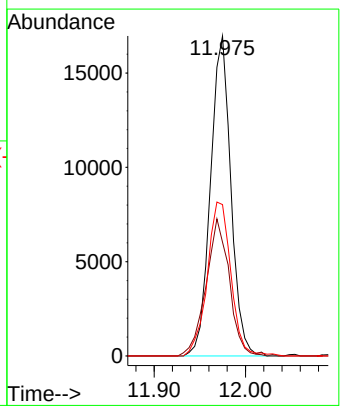


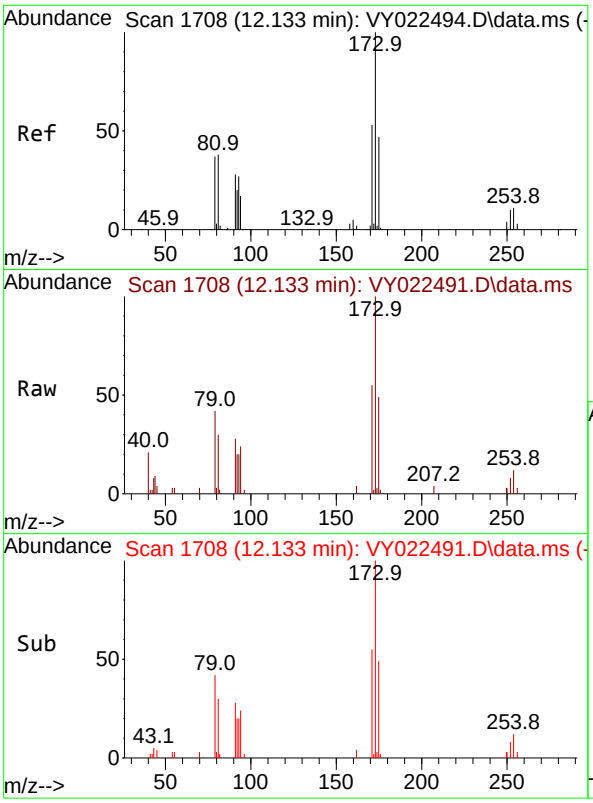


#70
Styrene
Concen: 3.840 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:104 Resp: 26313

Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.5	59.3
103	55.8	44.1	66.1



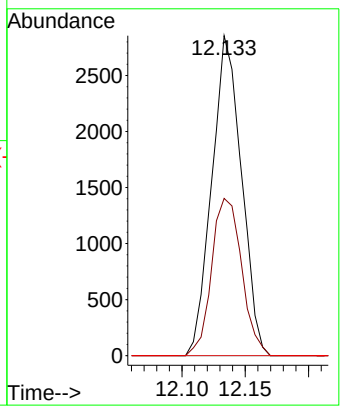


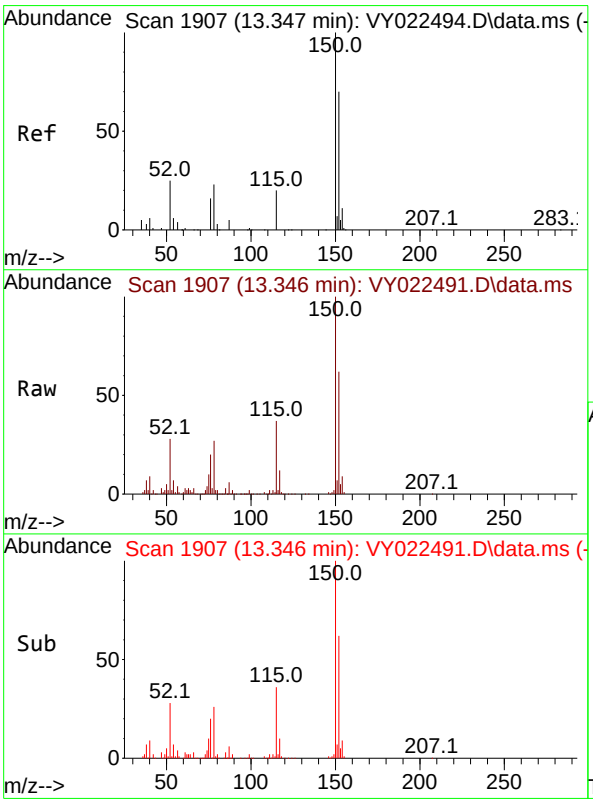
#71
Bromoform
Concen: 4.159 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 4649

Ion	Ratio	Lower	Upper
173	100		
175	49.9	23.8	71.5
254	0.0	0.0	0.0

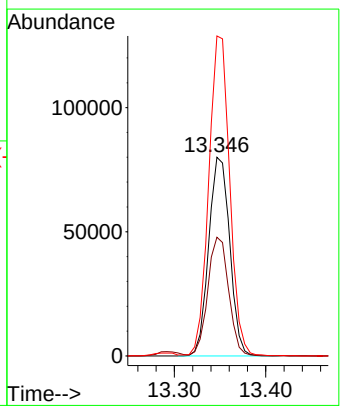


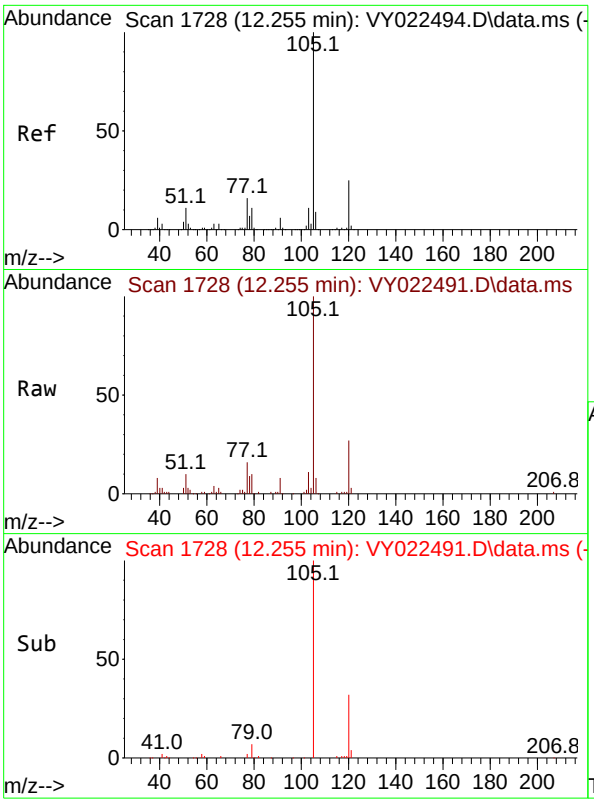


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:152 Resp: 127807

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.9	86.7
150	160.5	0.0	349.6



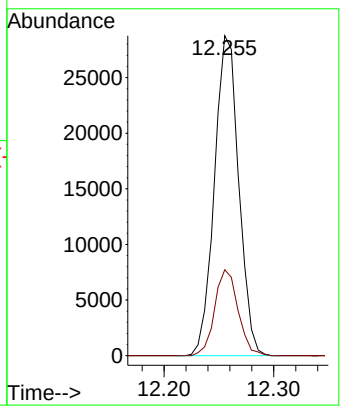


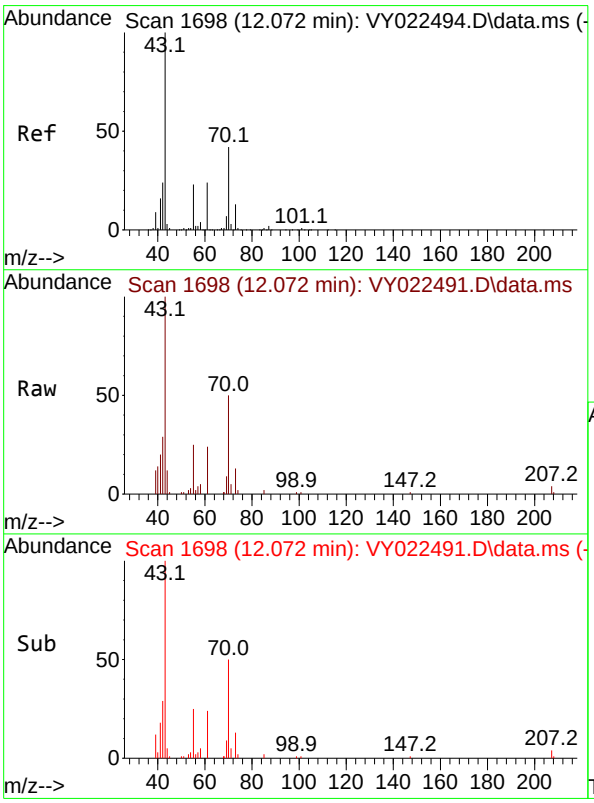
#73
Isopropylbenzene
Concen: 4.307 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 44350

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9

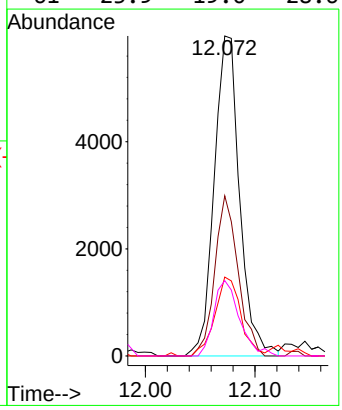


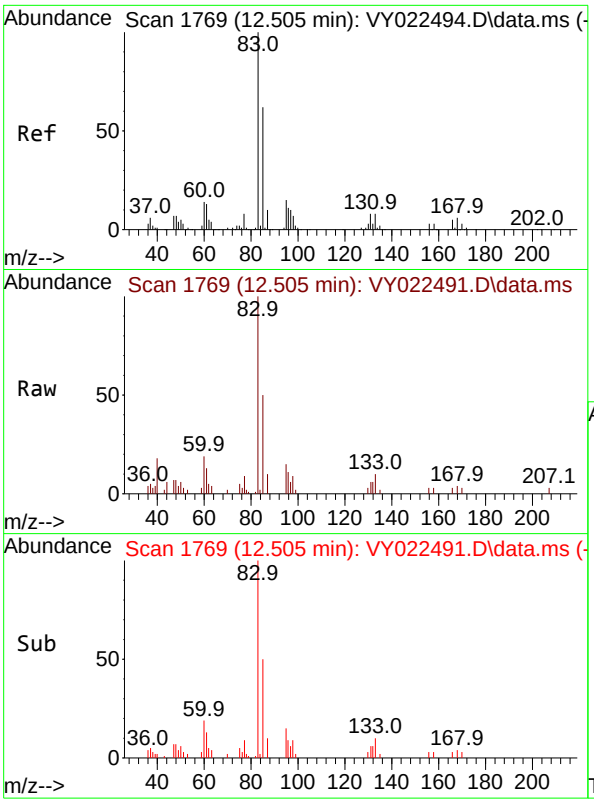


#74
N-amyl acetate
Concen: 3.699 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 9632

Ion	Ratio	Lower	Upper
43	100		
70	45.9	34.2	51.2
55	25.1	18.2	27.4
61	23.9	19.0	28.6



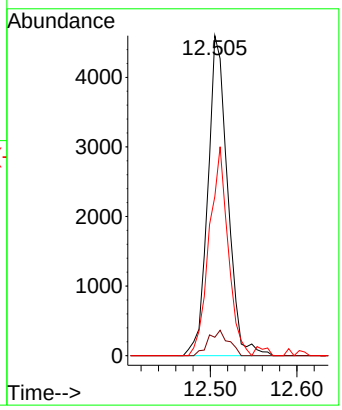


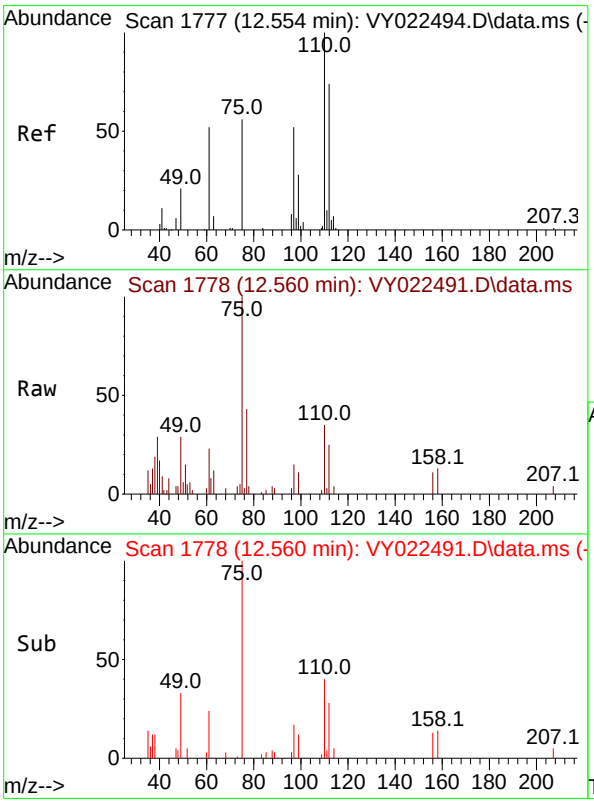
#75
1,1,2,2-Tetrachloroethane
Concen: 4.359 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 7289

Ion	Ratio	Lower	Upper
83	100		
131	8.1	4.9	14.7
85	62.4	32.6	97.8

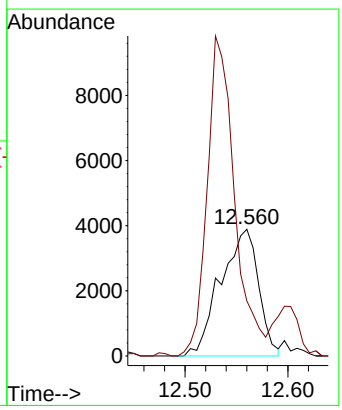


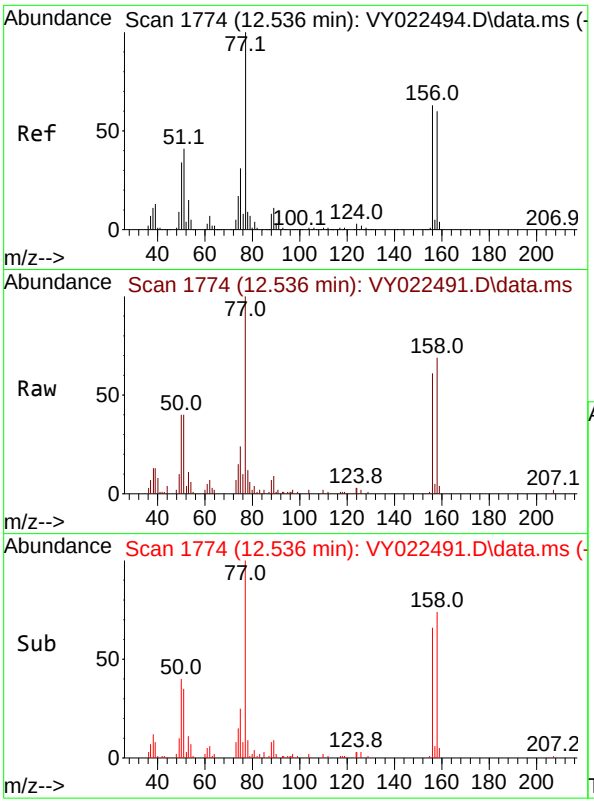


#76
1,2,3-Trichloropropane
Concen: 5.920 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 9988

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



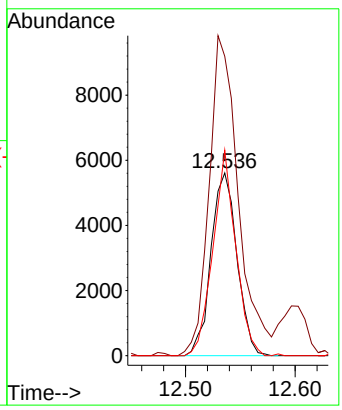


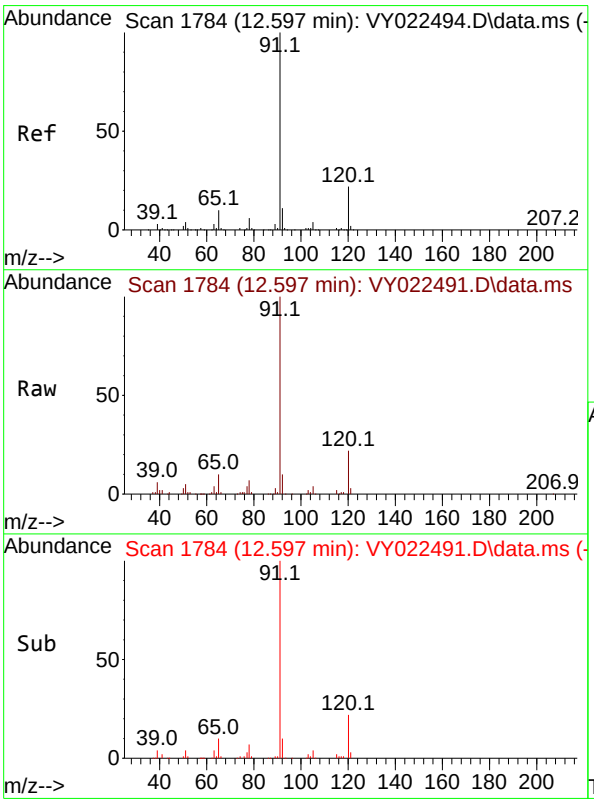
#77
Bromobenzene
Concen: 4.234 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 9241

Ion	Ratio	Lower	Upper
156	100		
77	196.5	94.0	282.1
158	98.9	48.2	144.6

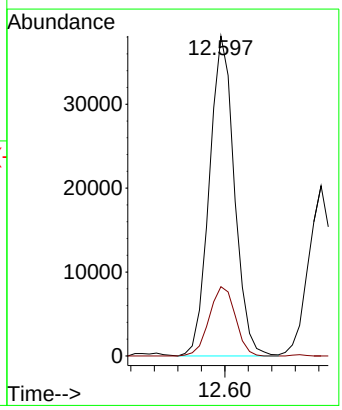


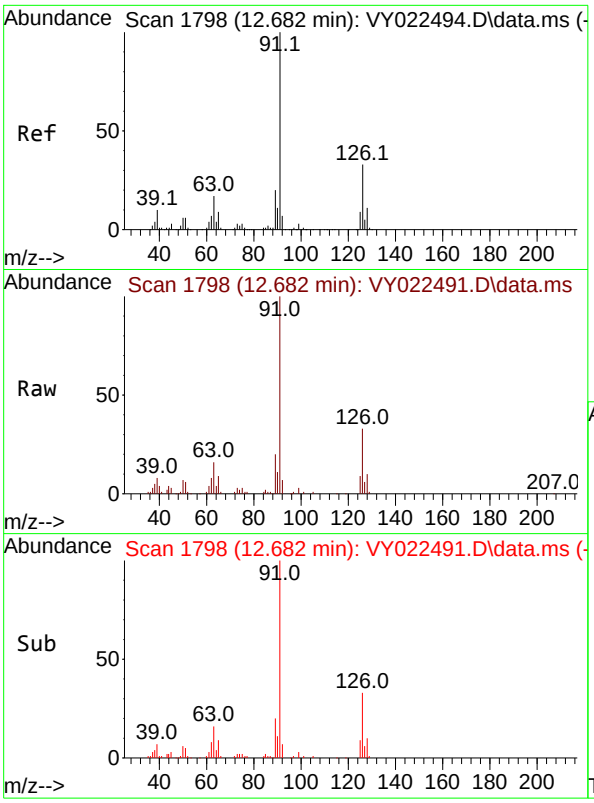


#78
n-propylbenzene
Concen: 4.511 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 56543

Ion	Ratio	Lower	Upper
91	100		
120	22.5	10.8	32.4



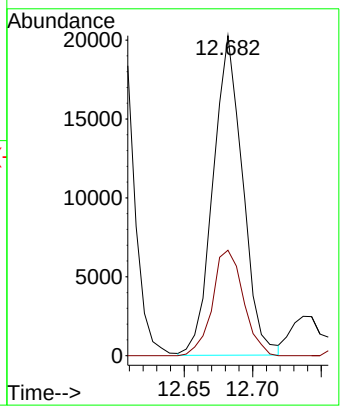


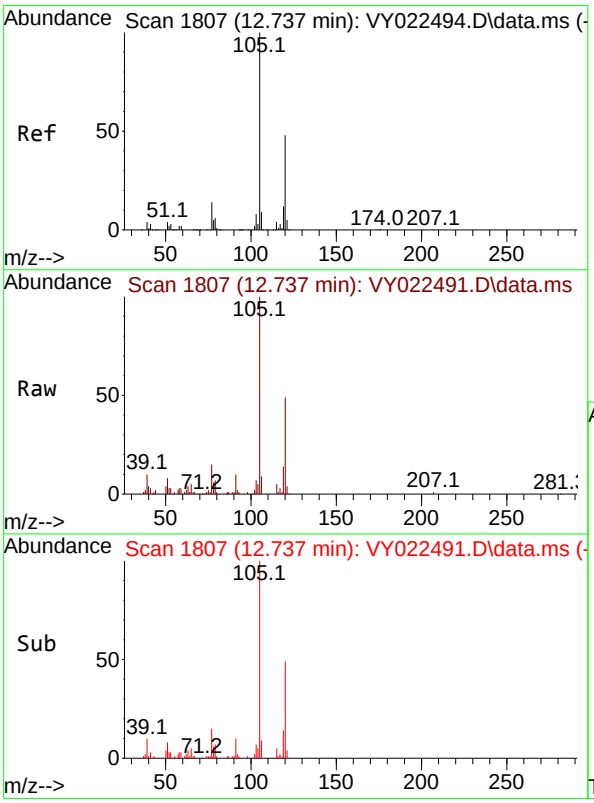
#79
2-Chlorotoluene
Concen: 4.591 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 30387

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	51.0

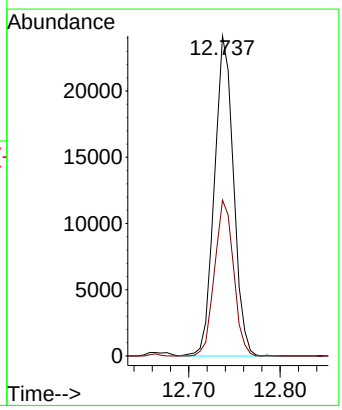


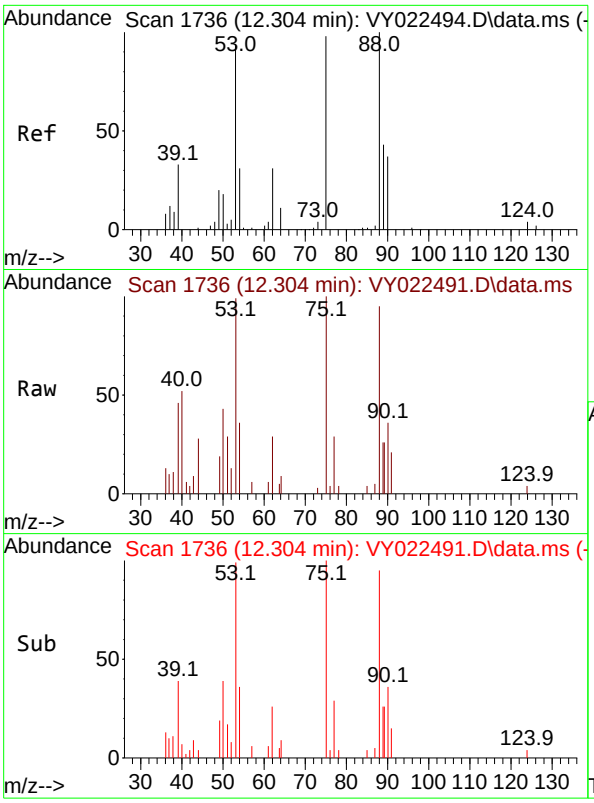


#80
1,3,5-Trimethylbenzene
Concen: 4.362 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 35122

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.4



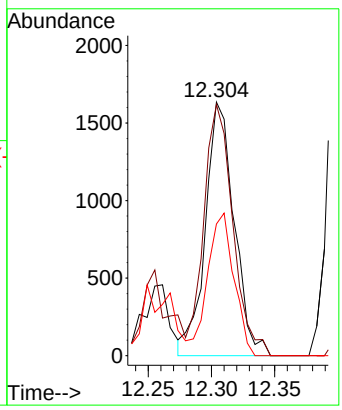


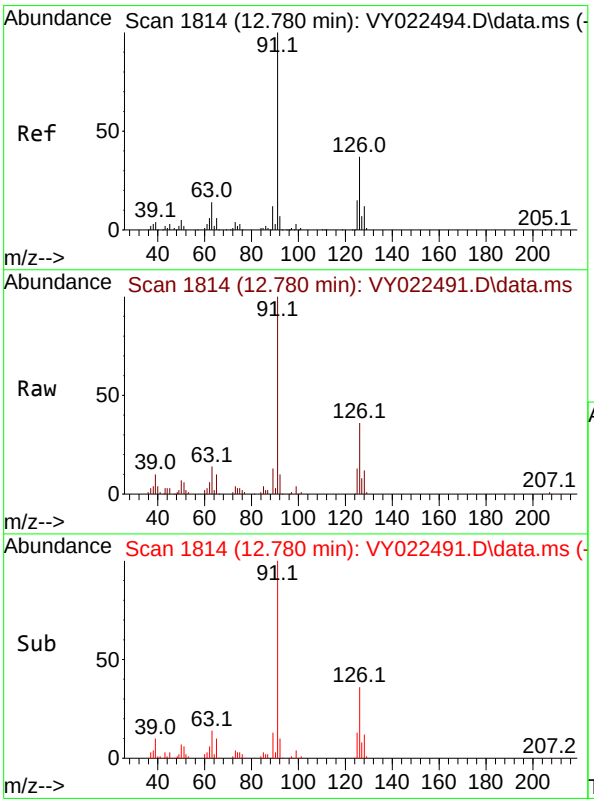
#81
trans-1,4-Dichloro-2-butene
Concen: 4.411 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 2596

Ion	Ratio	Lower	Upper
75	100		
53	99.3	78.5	117.7
89	51.7	35.7	53.5

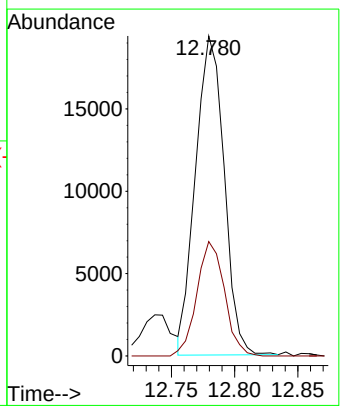


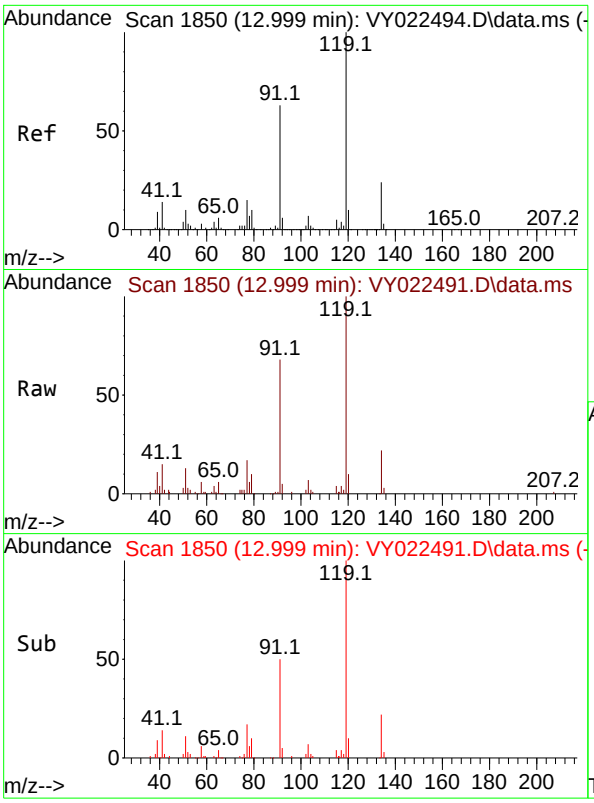


#82
4-Chlorotoluene
Concen: 4.447 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 30501

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	50.9



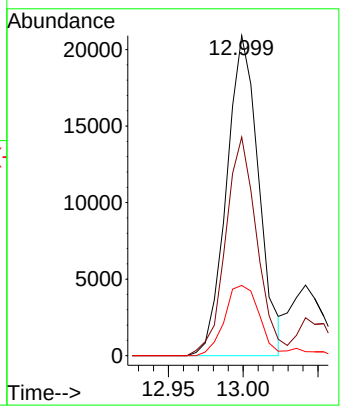


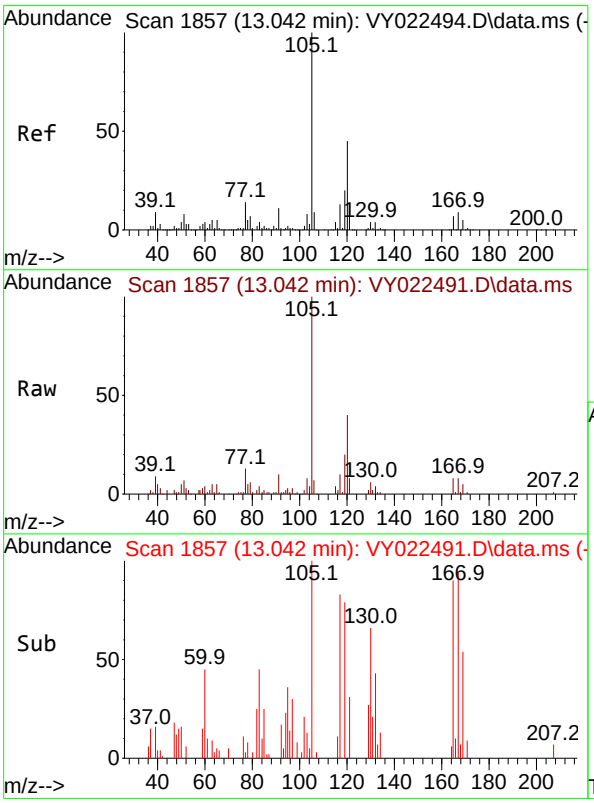
#83
tert-Butylbenzene
Concen: 4.252 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 31232

Ion	Ratio	Lower	Upper
119	100		
91	67.0	32.1	96.3
134	23.9	13.0	38.9

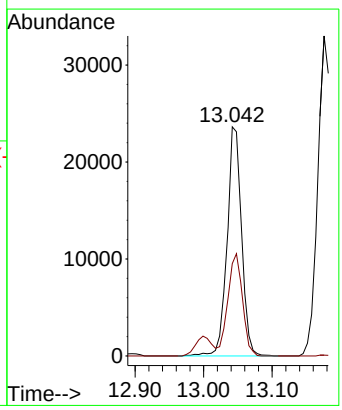


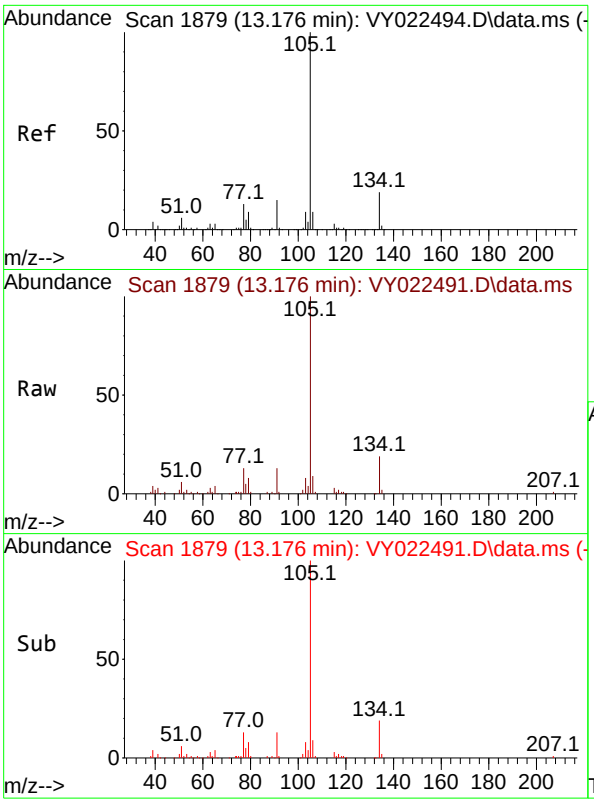


#84
1,2,4-Trimethylbenzene
Concen: 4.314 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 34752

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1



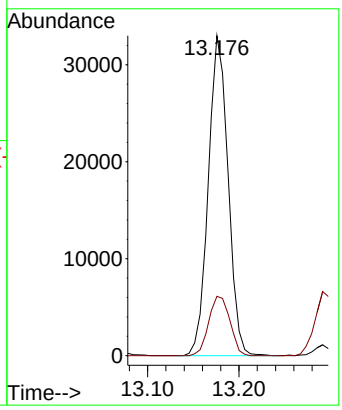


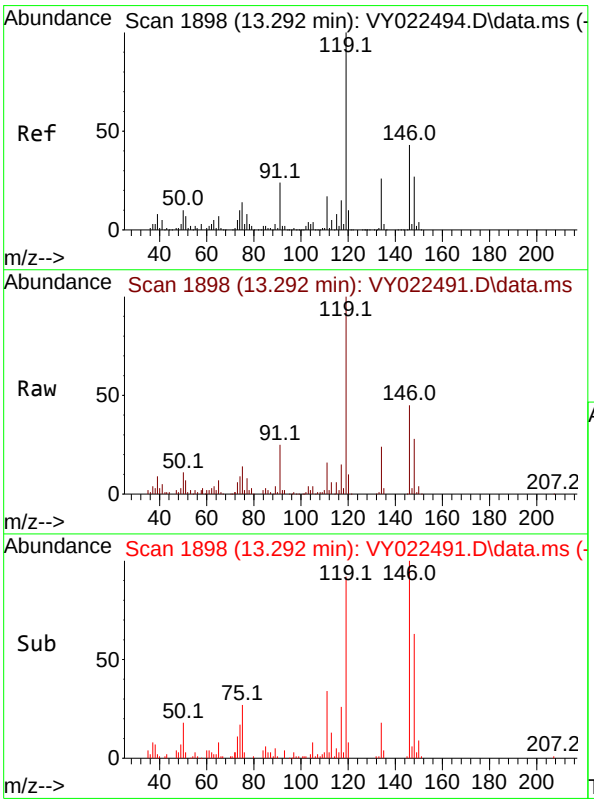
#85
sec-Butylbenzene
Concen: 4.449 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 49546

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.7	28.9

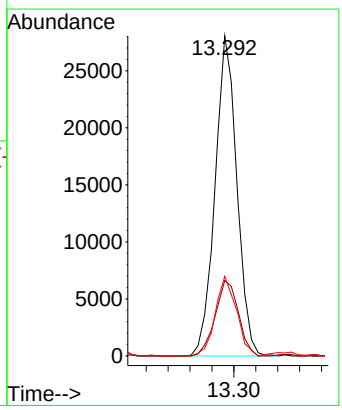


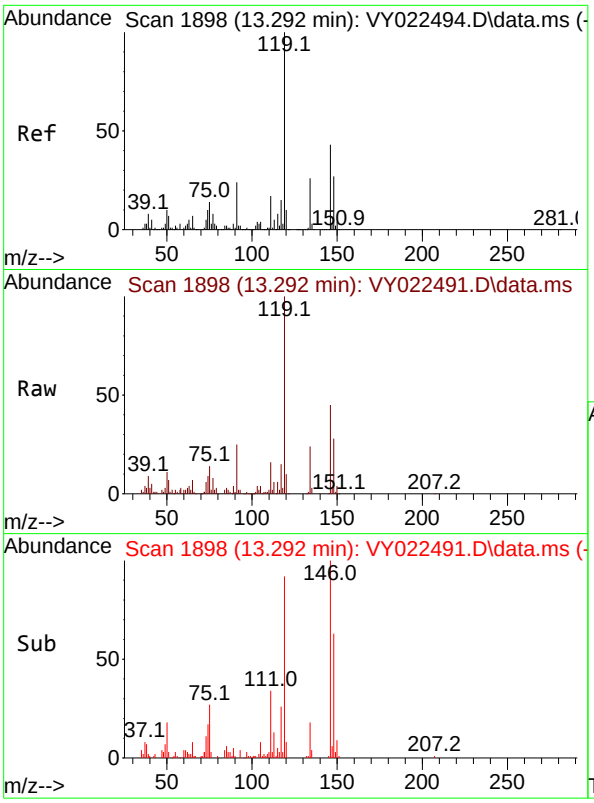


#86
p-Isopropyltoluene
Concen: 4.240 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:119 Resp: 38822

Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.1	39.1
91	24.2	11.6	34.8



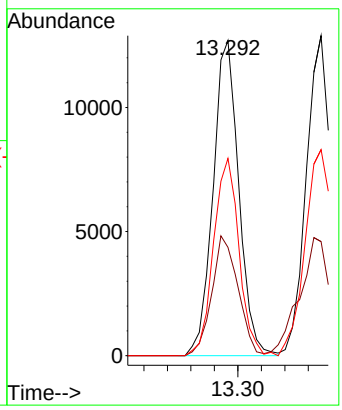


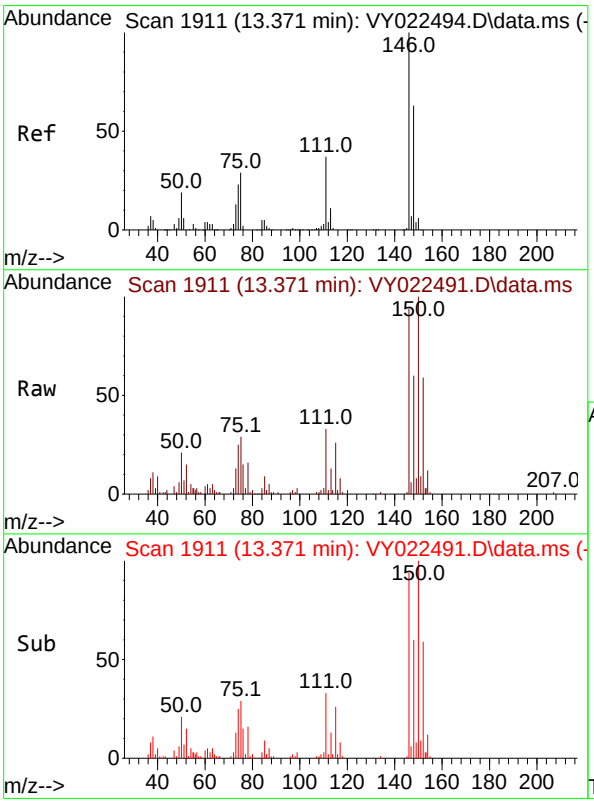
#87
1,3-Dichlorobenzene
Concen: 4.431 ug/l
RT: 13.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 19350

Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.1	60.2
148	61.9	32.1	96.3

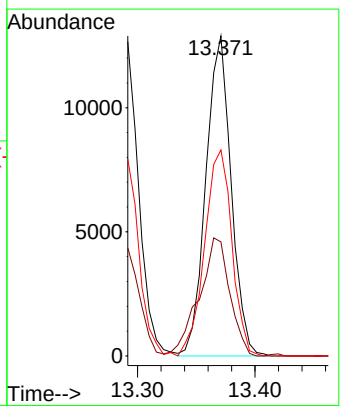


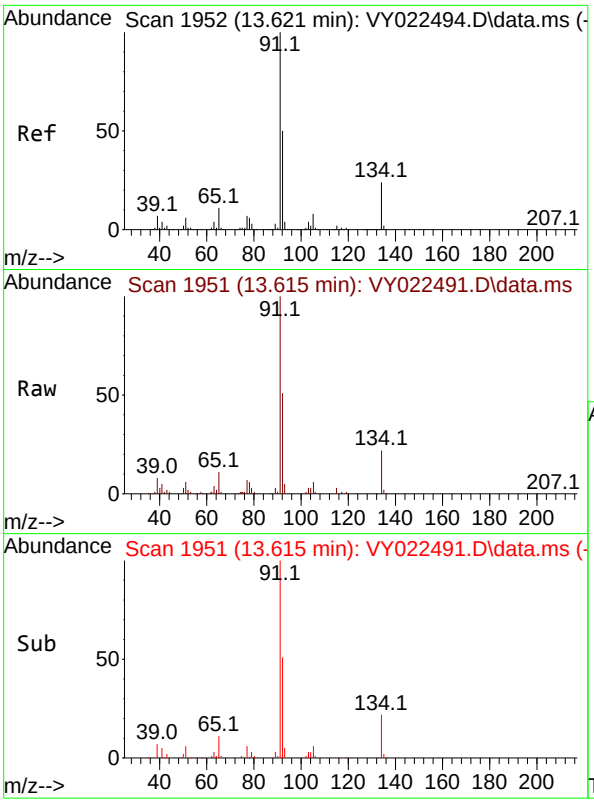


#88
1,4-Dichlorobenzene
Concen: 4.529 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:146 Resp: 19268

Ion	Ratio	Lower	Upper
146	100		
111	44.9	19.4	58.2
148	69.5	31.6	94.8



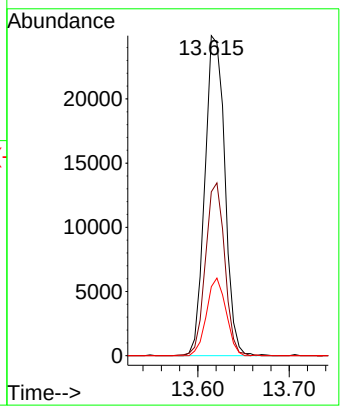


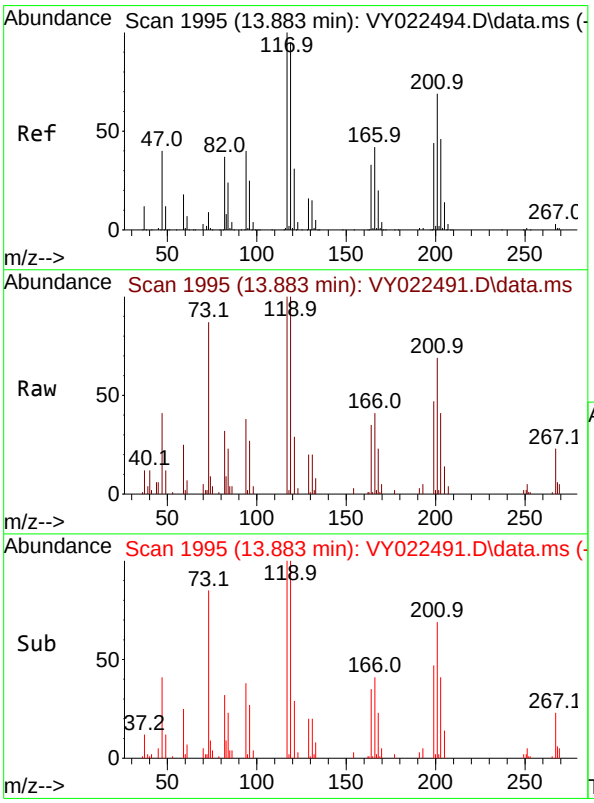
#89
n-Butylbenzene
Concen: 4.333 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 37774

Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.8
134	23.8	12.0	36.1

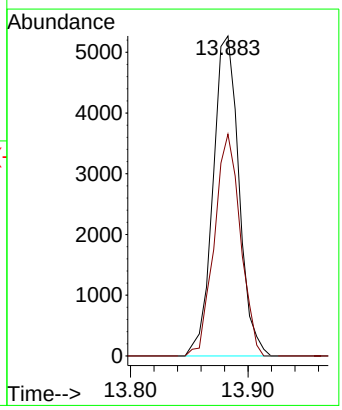


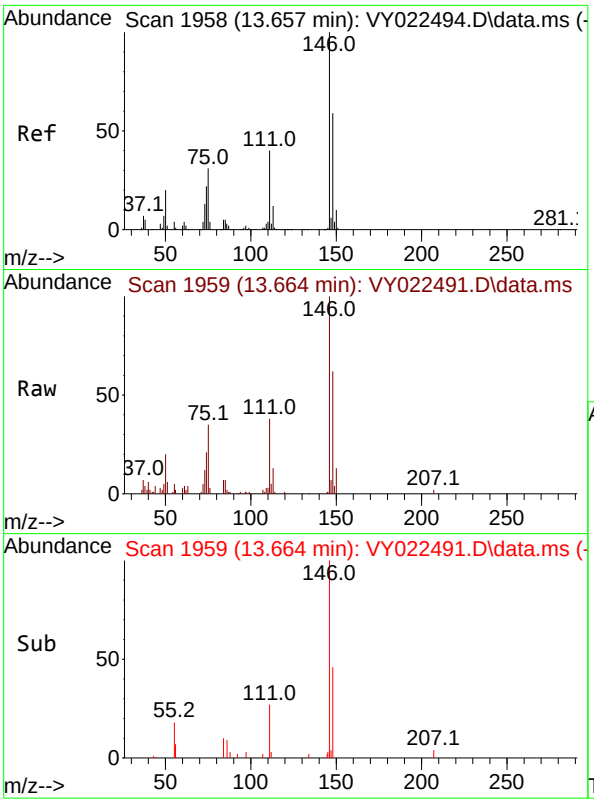


#90
Hexachloroethane
Concen: 4.506 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:117 Resp: 8072

Ion	Ratio	Lower	Upper
117	100		
201	69.9	34.0	102.0



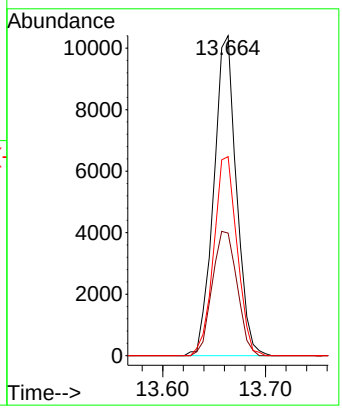


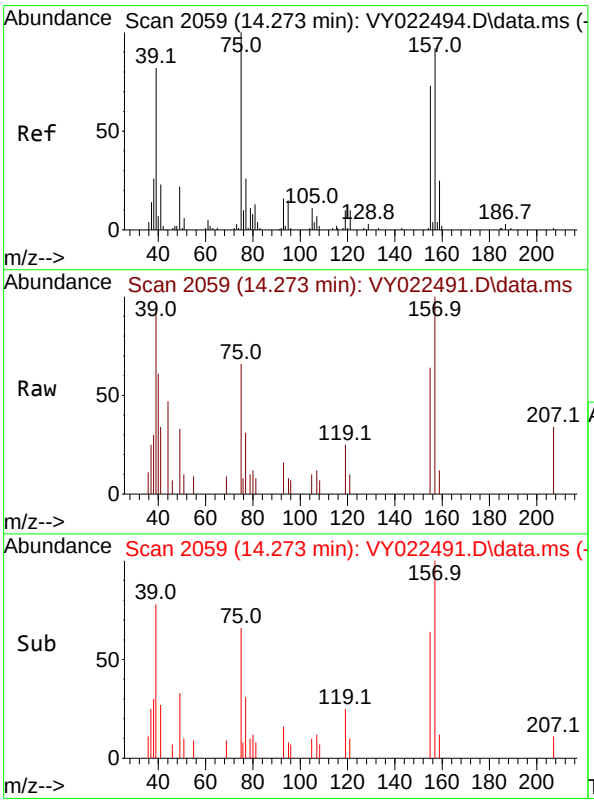
#91
1,2-Dichlorobenzene
Concen: 4.244 ug/l
RT: 13.664 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 15922

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.2	60.6
148	64.0	31.4	94.0

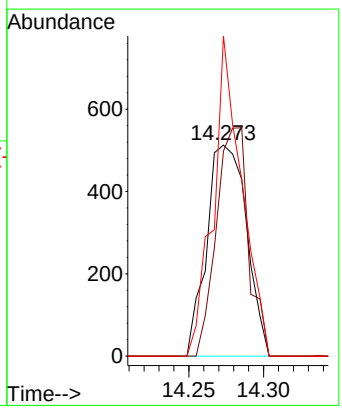


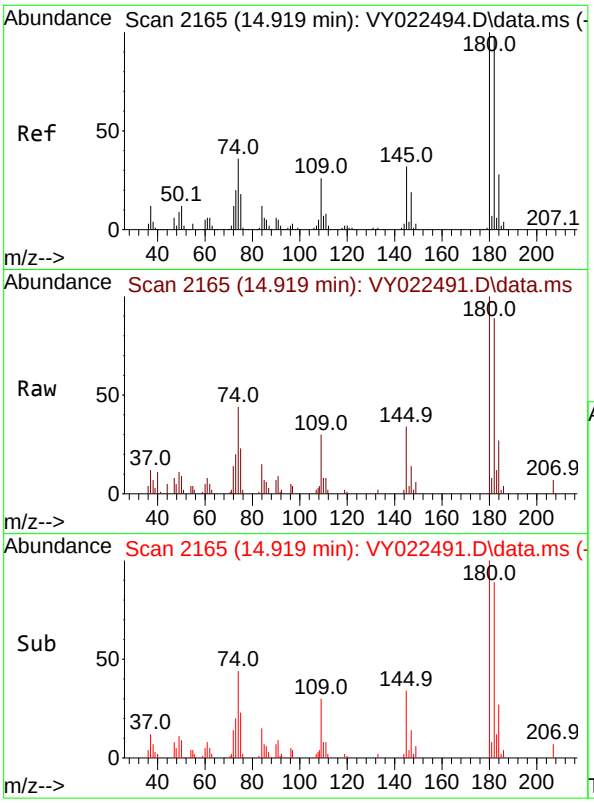


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.754 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 949

Ion	Ratio	Lower	Upper
75	100		
155	87.0	39.9	119.6
157	109.5	54.0	162.0



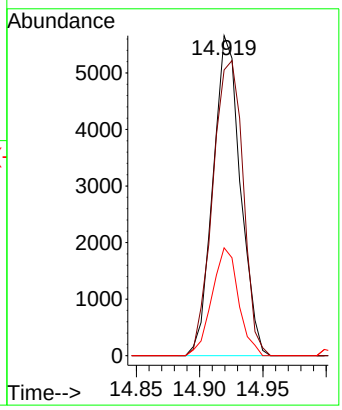


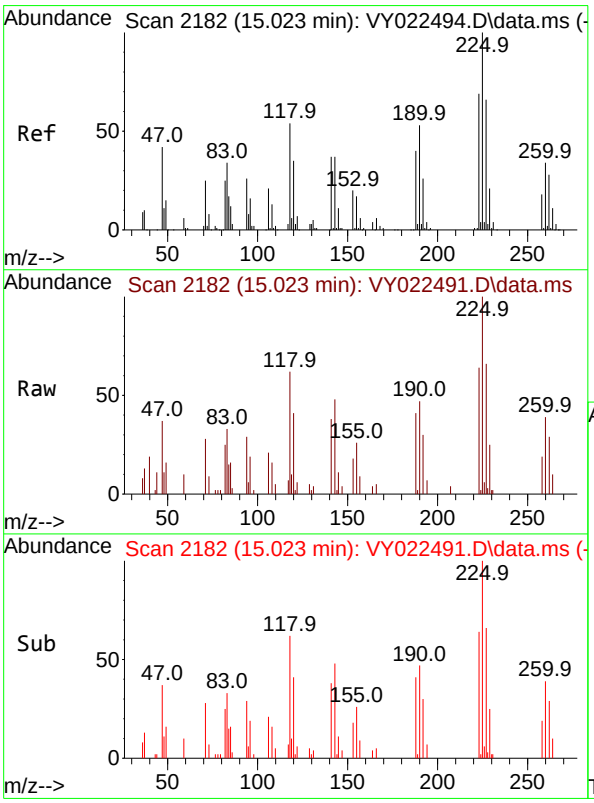
#93
1,2,4-Trichlorobenzene
Concen: 4.159 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 8529

Ion	Ratio	Lower	Upper
180	100		
182	101.9	48.4	145.3
145	32.6	15.5	46.5

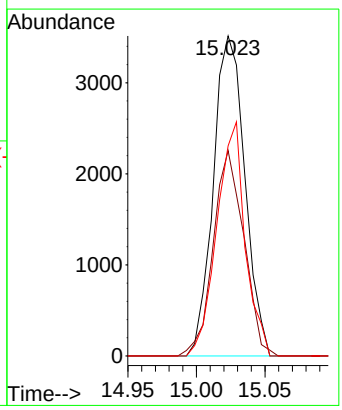


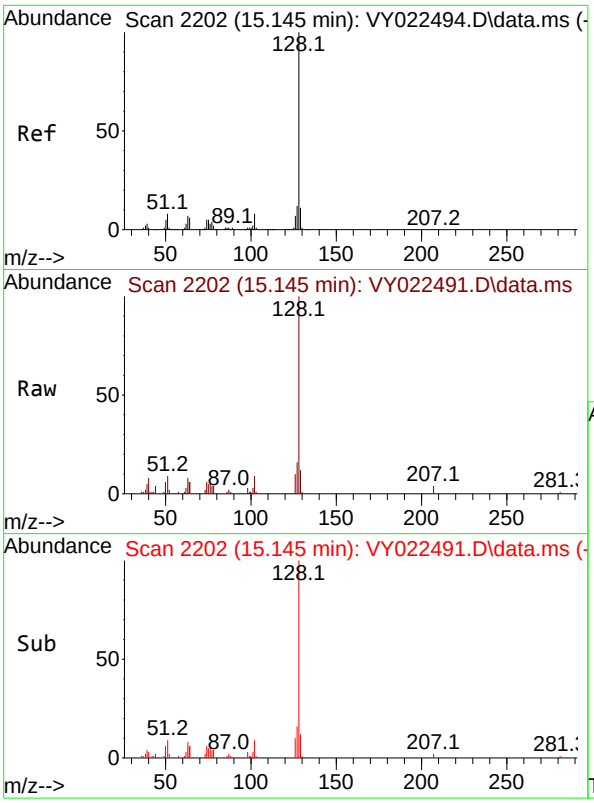


#94
Hexachlorobutadiene
Concen: 5.024 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:225 Resp: 5627

Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.5	97.4
227	65.6	32.3	96.9



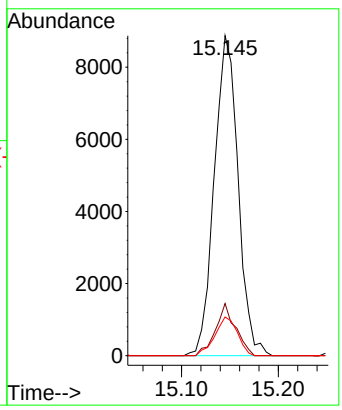


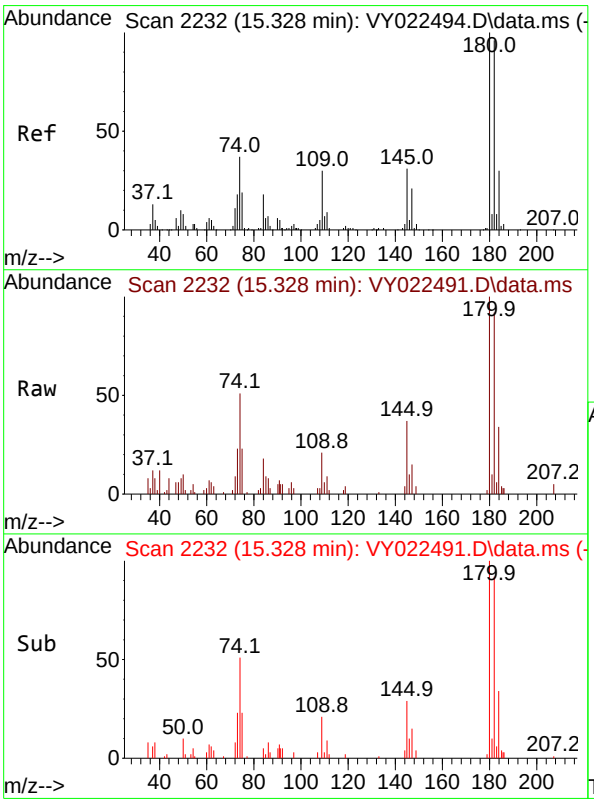
#95
Naphthalene
Concen: 3.859 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 15167

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.4	8.9	13.3

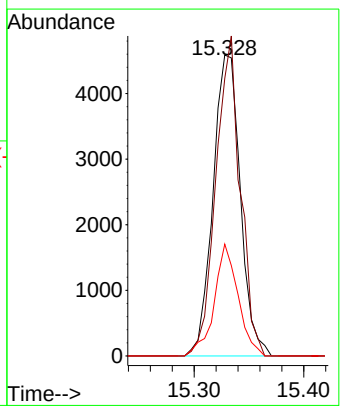




#96
1,2,3-Trichlorobenzene
Concen: 4.563 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:180 Resp: 7952

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.3
145	32.5	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	211235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	366386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	302825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	137338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	24246	10.549	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.100%#		
35) Dibromofluoromethane	7.646	113	20743	9.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.240%#		
50) Toluene-d8	10.109	98	86561	9.930	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.860%#		
62) 4-Bromofluorobenzene	12.408	95	24870	9.409	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.820%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	22911	12.412	ug/l	99
3) Chloromethane	2.068	50	67191	12.339	ug/l	99
4) Vinyl Chloride	2.202	62	76656	12.027	ug/l	97
5) Bromomethane	2.598	94	73289	12.157	ug/l	99
6) Chloroethane	2.739	64	53992	12.374	ug/l	99
7) Trichlorofluoromethane	3.056	101	63044	11.642	ug/l	97
8) Diethyl Ether	3.458	74	14144	11.826	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	25997	11.445	ug/l	99
10) Methyl Iodide	4.007	142	25590	10.505	ug/l	99
11) Tert butyl alcohol	4.891	59	9732	59.275	ug/l #	73
12) 1,1-Dichloroethene	3.799	96	24370	11.240	ug/l	99
13) Acrolein	3.671	56	9650	48.151	ug/l	94
14) Allyl chloride	4.391	41	38482	11.389	ug/l	95
15) Acrylonitrile	5.073	53	29150	57.299	ug/l	99
16) Acetone	3.885	43	25066	55.166	ug/l	98
17) Carbon Disulfide	4.110	76	79008	11.413	ug/l	99
18) Methyl Acetate	4.397	43	17228	12.603	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	68336	11.296	ug/l	95
20) Methylene Chloride	4.622	84	29569	11.655	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	27493	11.350	ug/l	88
22) Diisopropyl ether	6.031	45	83814	11.156	ug/l	96
23) Vinyl Acetate	5.970	43	241364	54.152	ug/l	99
24) 1,1-Dichloroethane	5.927	63	50391	11.346	ug/l	96
25) 2-Butanone	6.909	43	36756	54.840	ug/l	95
26) 2,2-Dichloropropane	6.890	77	43605	11.045	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	30873	11.028	ug/l	99
28) Bromochloromethane	7.256	49	20132	10.491	ug/l	99
29) Tetrahydrofuran	7.274	42	25001	57.822	ug/l	97
30) Chloroform	7.427	83	49990	11.391	ug/l	89
31) Cyclohexane	7.707	56	51050	11.422	ug/l #	95
32) 1,1,1-Trichloroethane	7.628	97	43454	11.080	ug/l	97
36) 1,1-Dichloropropene	7.841	75	37532	10.765	ug/l	99
37) Ethyl Acetate	6.994	43	15914	10.371	ug/l #	93
38) Carbon Tetrachloride	7.829	117	37794	10.515	ug/l	100
39) Methylcyclohexane	9.115	83	49413	10.491	ug/l	97
40) Benzene	8.085	78	108934	10.600	ug/l	96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.268	41	24283	24.573	ug/l	#	34
42) 1,2-Dichloroethane	8.164	62	31102	11.125	ug/l		99
43) Isopropyl Acetate	8.201	43	36411	10.859	ug/l		97
44) Trichloroethene	8.865	130	28431	11.325	ug/l		91
45) 1,2-Dichloropropane	9.146	63	26665	10.884	ug/l		97
47) Bromodichloromethane	9.426	83	38475	11.048	ug/l		96
48) Methyl methacrylate	9.225	41	16122	10.501	ug/l		98
49) 1,4-Dioxane	9.243	88	3535	215.881	ug/l		97
51) 4-Methyl-2-Pentanone	9.999	43	88634	53.259	ug/l		100
52) Toluene	10.176	92	68265	10.565	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	34307	10.649	ug/l		95
54) cis-1,3-Dichloropropene	9.859	75	40229	10.649	ug/l		98
55) 1,1,2-Trichloroethane	10.579	97	18848	10.904	ug/l		94
56) Ethyl methacrylate	10.444	69	26171	10.426	ug/l		97
57) 1,3-Dichloropropane	10.719	76	33836	10.991	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	52396	46.819	ug/l		99
59) 2-Hexanone	10.761	43	57738	52.045	ug/l		100
60) Dibromochloromethane	10.914	129	23423	10.694	ug/l		99
61) 1,2-Dibromoethane	11.018	107	17302	10.847	ug/l		96
64) Tetrachloroethene	10.652	164	28680	11.144	ug/l		97
65) Chlorobenzene	11.444	112	70845	10.789	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	23209	10.427	ug/l		96
67) Ethyl Benzene	11.524	91	126556	10.350	ug/l		100
68) m/p-Xylenes	11.633	106	94535	20.427	ug/l		99
69) o-Xylene	11.956	106	45374	10.476	ug/l		99
70) Styrene	11.975	104	72373	10.092	ug/l		98
71) Bromoform	12.133	173	12637	10.804	ug/l	#	99
73) Isopropylbenzene	12.255	105	118344	10.695	ug/l		99
74) N-amyl acetate	12.072	43	29609	10.581	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.511	83	20264	11.276	ug/l		96
76) 1,2,3-Trichloropropane	12.560	75	27698	15.277	ug/l	#	100
77) Bromobenzene	12.536	156	25392	10.827	ug/l		98
78) n-propylbenzene	12.597	91	143414	10.648	ug/l		100
79) 2-Chlorotoluene	12.682	91	75325	10.591	ug/l		98
80) 1,3,5-Trimethylbenzene	12.737	105	91121	10.532	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	7009	11.084	ug/l		96
82) 4-Chlorotoluene	12.779	91	78689	10.676	ug/l		100
83) tert-Butylbenzene	12.999	119	81823	10.367	ug/l		97
84) 1,2,4-Trimethylbenzene	13.048	105	90848	10.495	ug/l		98
85) sec-Butylbenzene	13.176	105	127776	10.678	ug/l		100
86) p-Isopropyltoluene	13.291	119	99940	10.158	ug/l		99
87) 1,3-Dichlorobenzene	13.291	146	48971	10.437	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	49834	10.900	ug/l		98
89) n-Butylbenzene	13.621	91	97544	10.413	ug/l		99
90) Hexachloroethane	13.877	117	20466	10.631	ug/l		96
91) 1,2-Dichlorobenzene	13.663	146	43460	10.781	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3014	11.095	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	23710	10.760	ug/l		98
94) Hexachlorobutadiene	15.023	225	13179	10.951	ug/l		99
95) Naphthalene	15.145	128	44061	10.434	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	19814	10.581	ug/l		96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

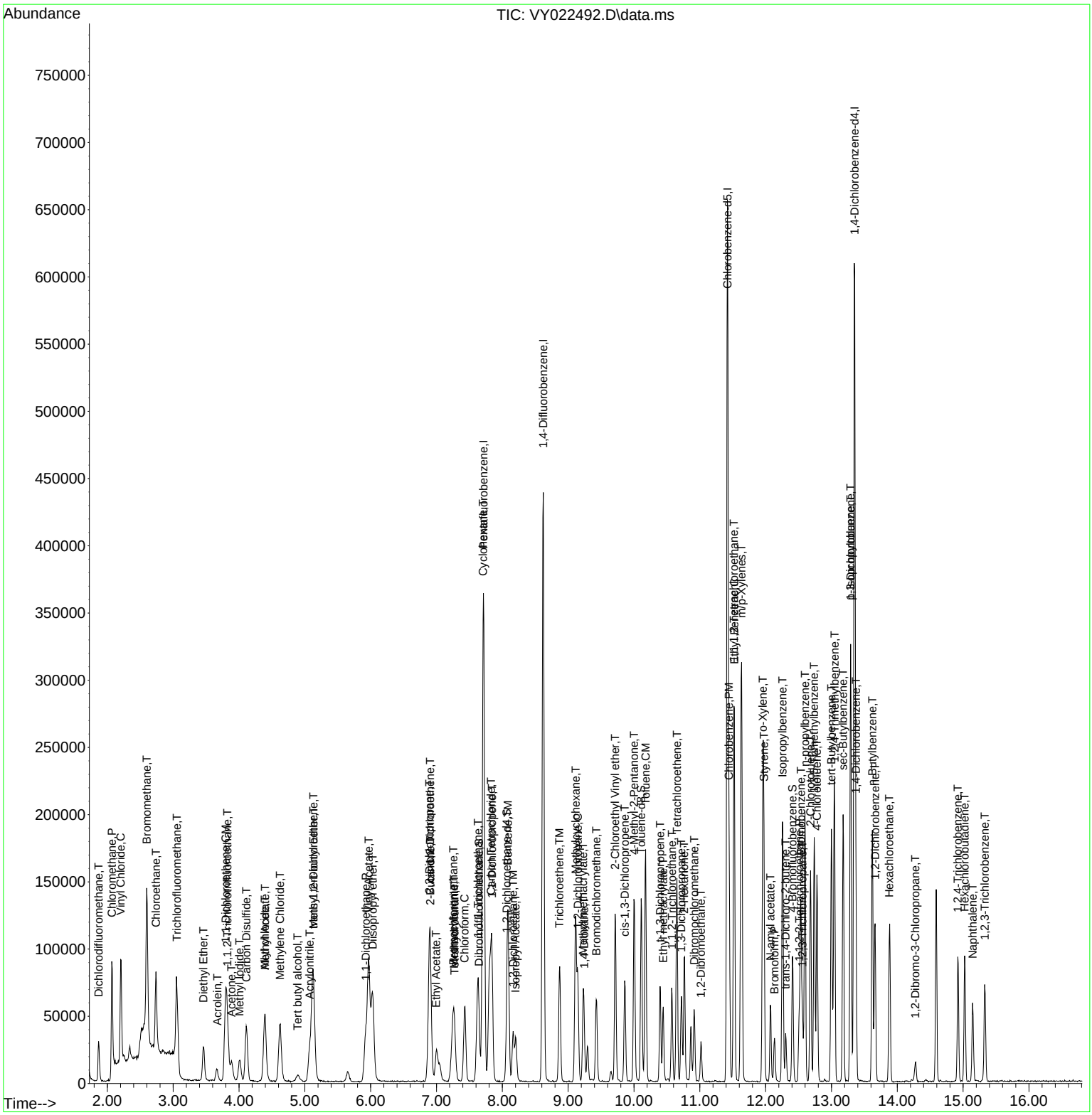
(#) = qualifier out of range (m) = manual integration (+) = signals summed

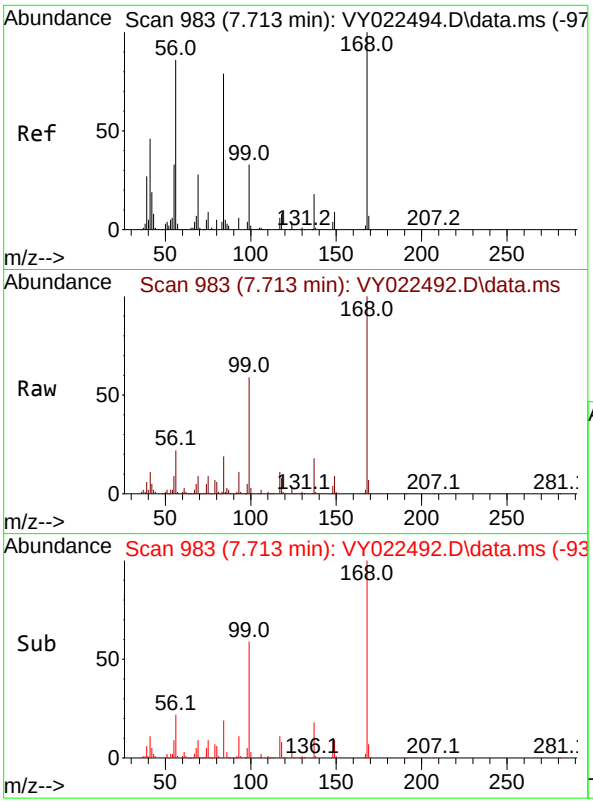
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



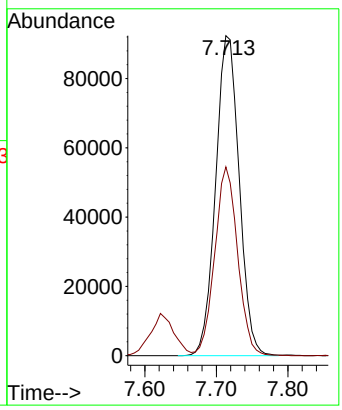


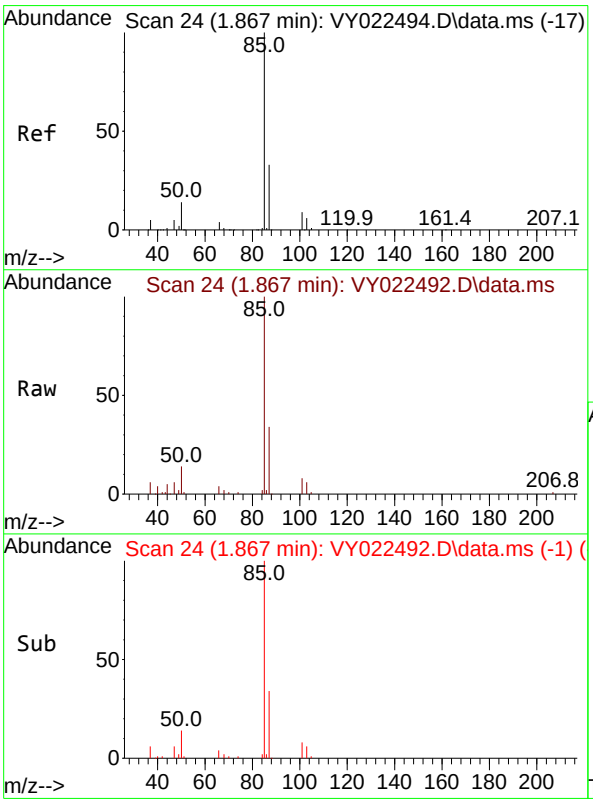
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:168 Resp: 211235

Ion	Ratio	Lower	Upper
168	100		
99	58.9	44.3	66.5

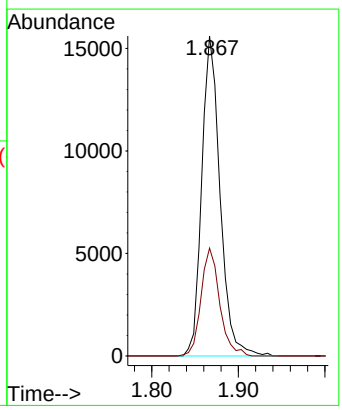


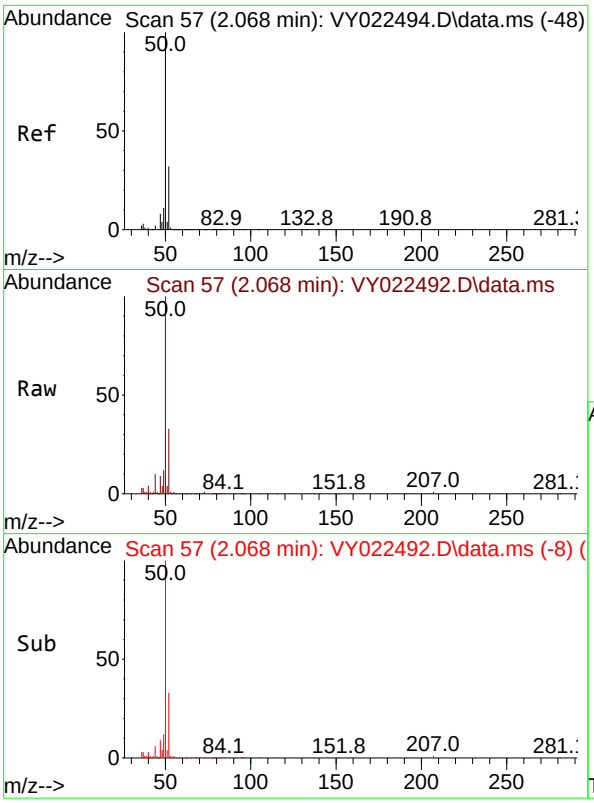


#2
Dichlorodifluoromethane
Concen: 12.412 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 85 Resp: 22911

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.7	50.0



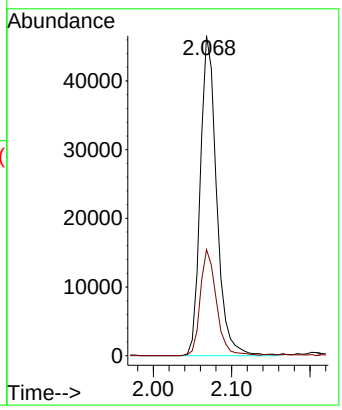


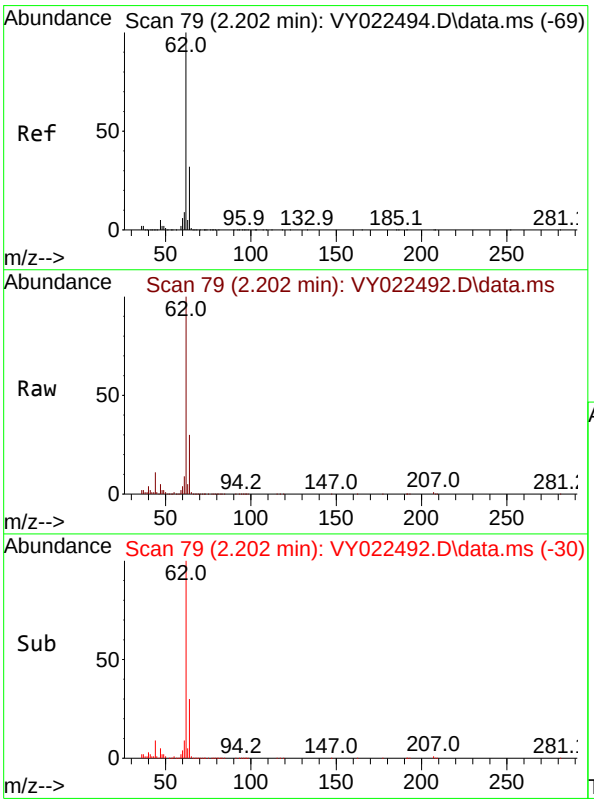
#3
Chloromethane
Concen: 12.339 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 50 Resp: 67191

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.0	39.0

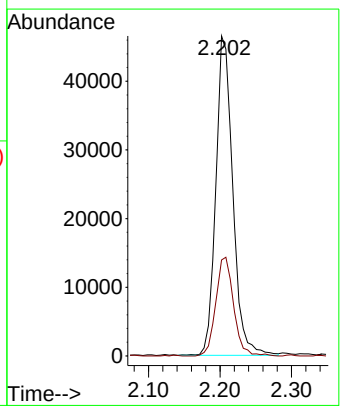


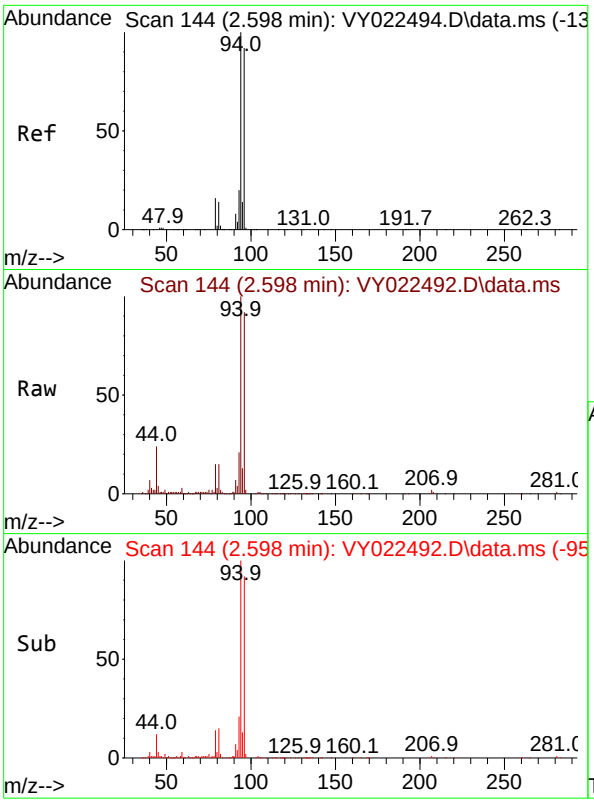


#4
Vinyl Chloride
Concen: 12.027 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 62 Resp: 76656

Ion	Ratio	Lower	Upper
62	100		
64	30.1	25.3	37.9



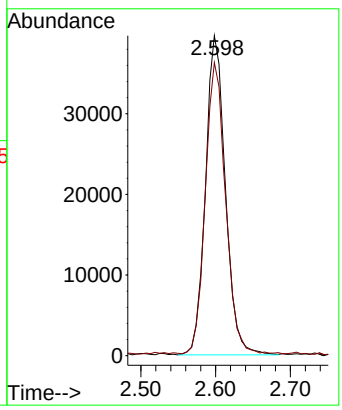


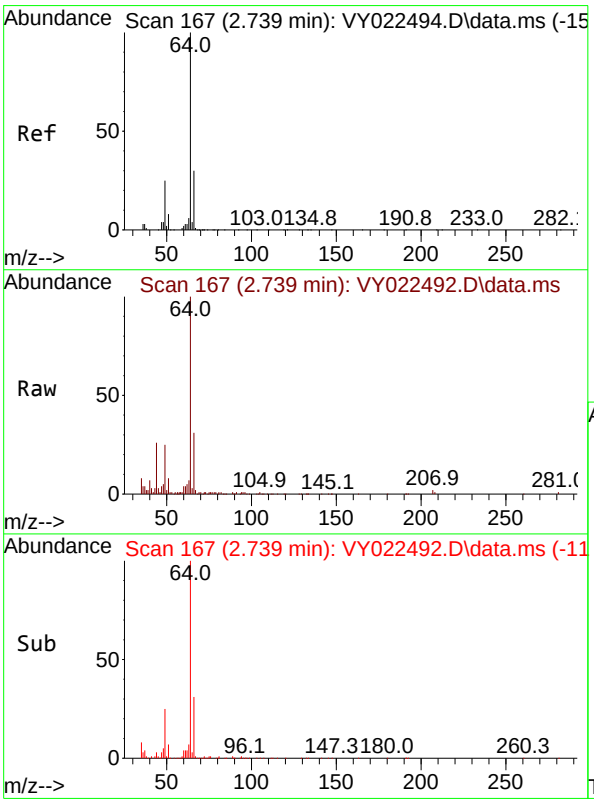
#5
Bromomethane
Concen: 12.157 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 94 Resp: 73289

Ion	Ratio	Lower	Upper
94	100		
96	91.1	74.0	111.0

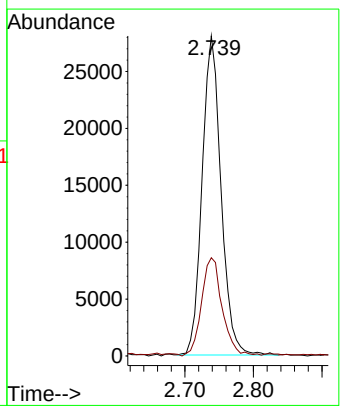


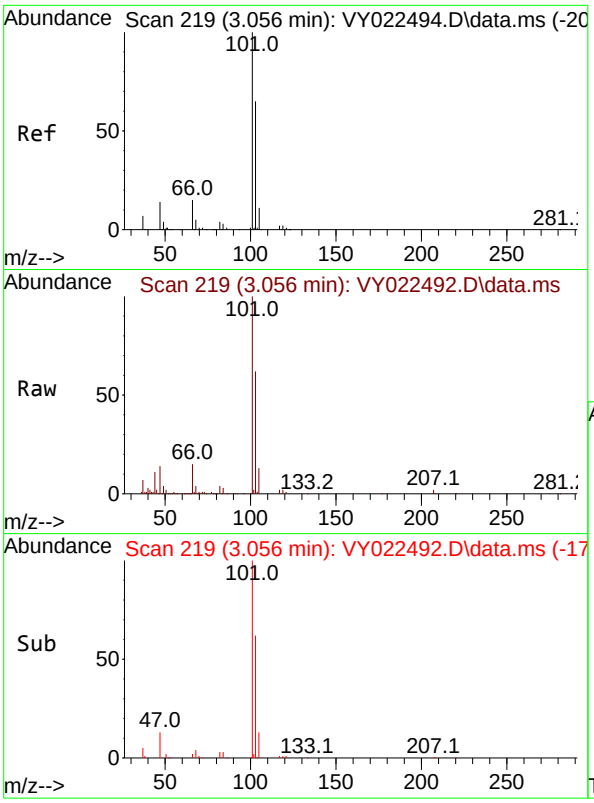


#6
Chloroethane
Concen: 12.374 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 64 Resp: 53992

Ion	Ratio	Lower	Upper
64	100		
66	30.3	23.8	35.6



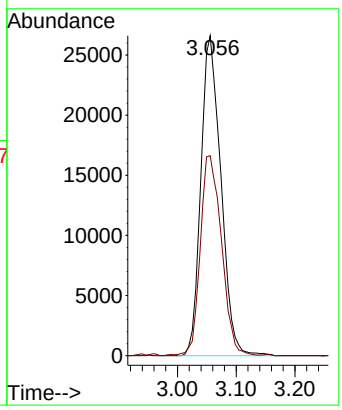


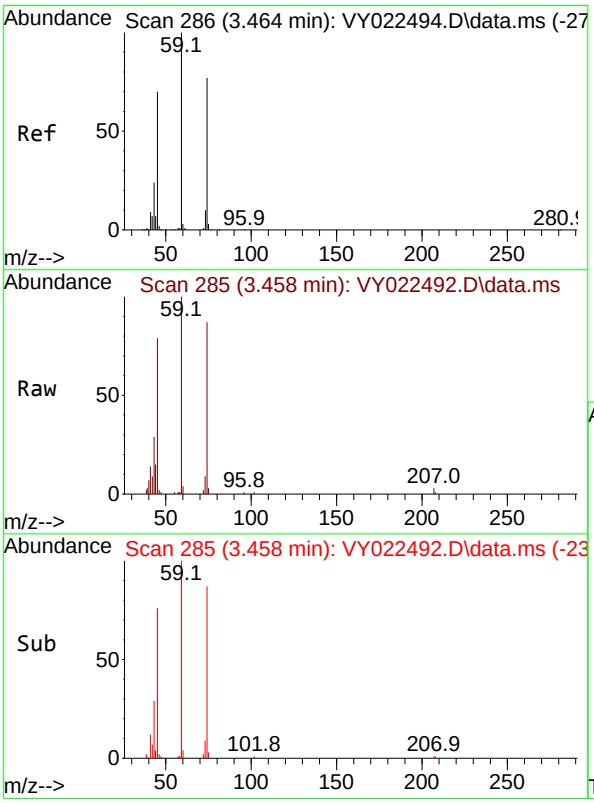
#7
Trichlorofluoromethane
Concen: 11.642 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 63044

Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.2	78.2

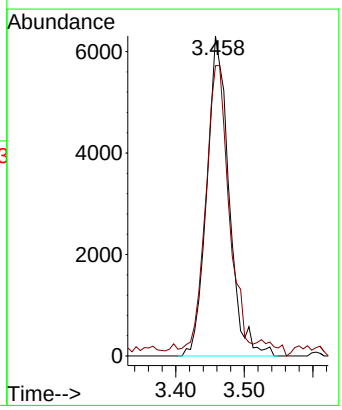


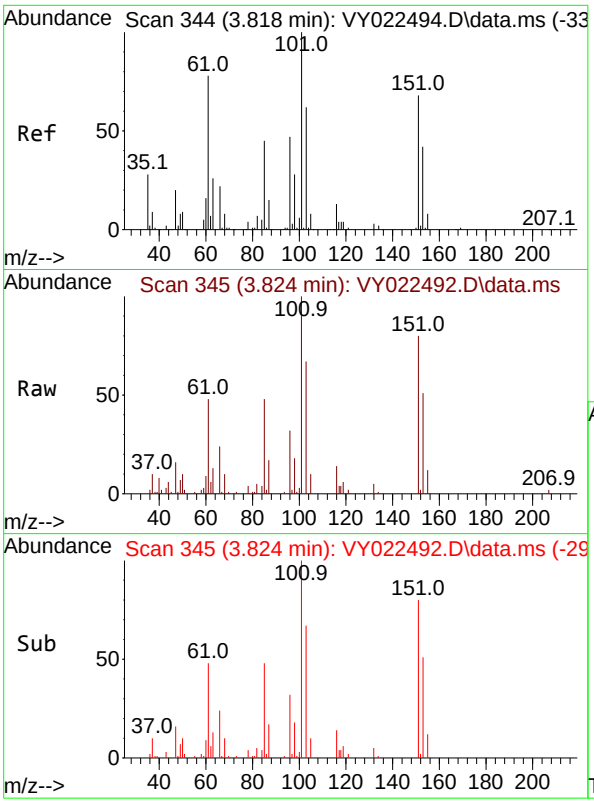


#8
Diethyl Ether
Concen: 11.826 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 74 Resp: 14144

Ion	Ratio	Lower	Upper
74	100		
45	91.9	45.9	137.6



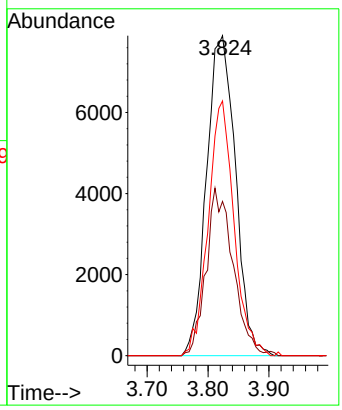


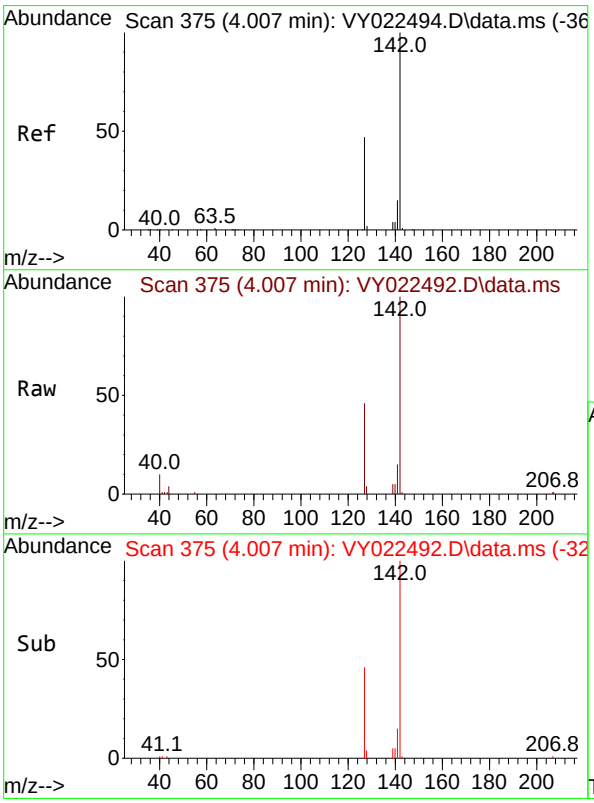
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.445 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 25997

Ion	Ratio	Lower	Upper
101	100		
85	48.6	39.3	58.9
151	71.3	57.8	86.8

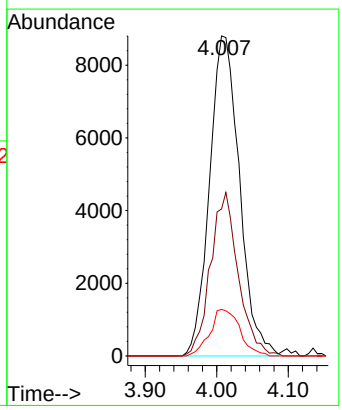


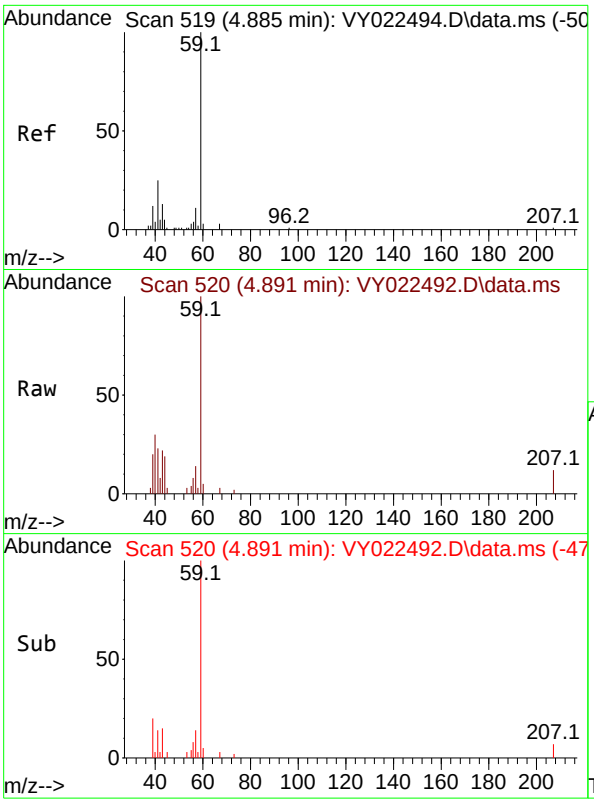


#10
Methyl Iodide
Concen: 10.505 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:142 Resp: 25590

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.1	55.7
141	14.6	11.4	17.2



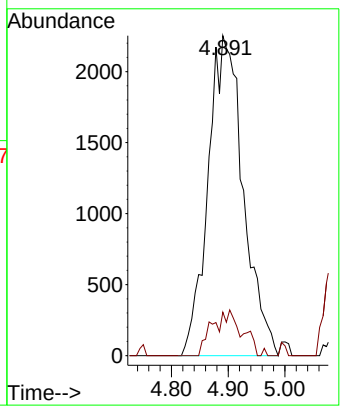


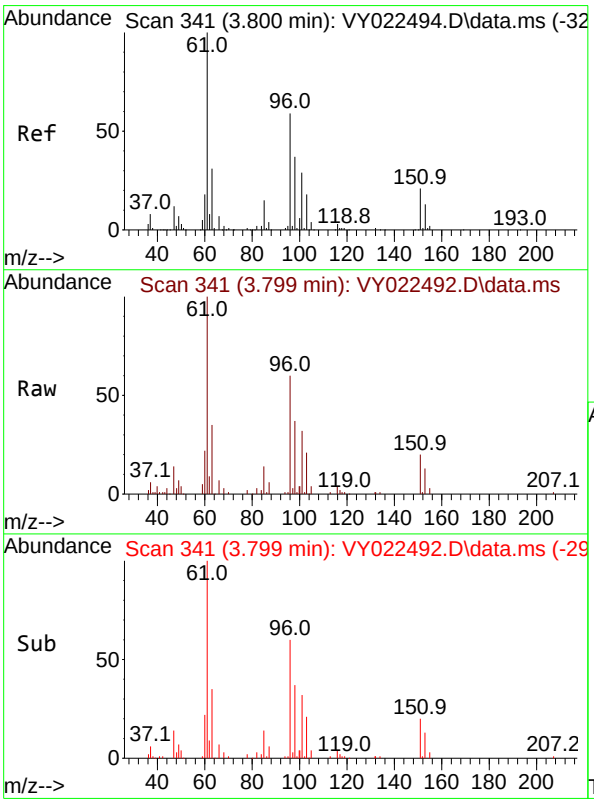
#11
Tert butyl alcohol
Concen: 59.275 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 9732

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

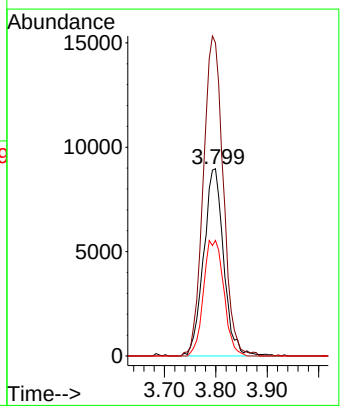


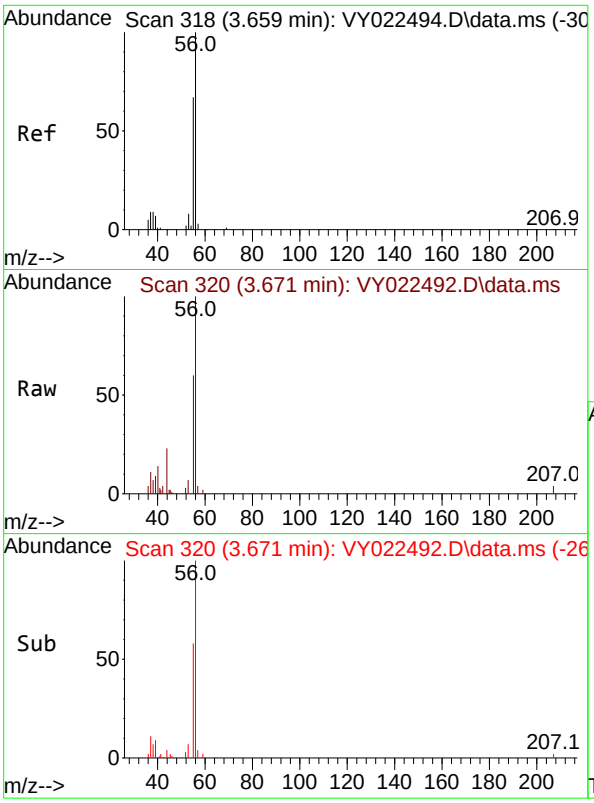


#12
1,1-Dichloroethene
Concen: 11.240 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 96 Resp: 24370

Ion	Ratio	Lower	Upper
96	100		
61	167.3	134.6	201.8
98	61.7	50.2	75.4



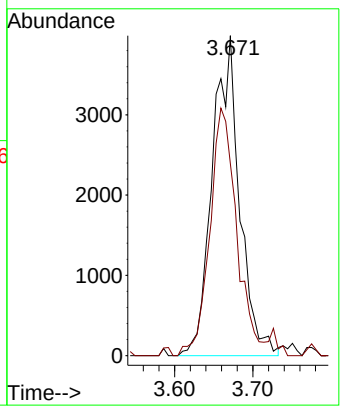


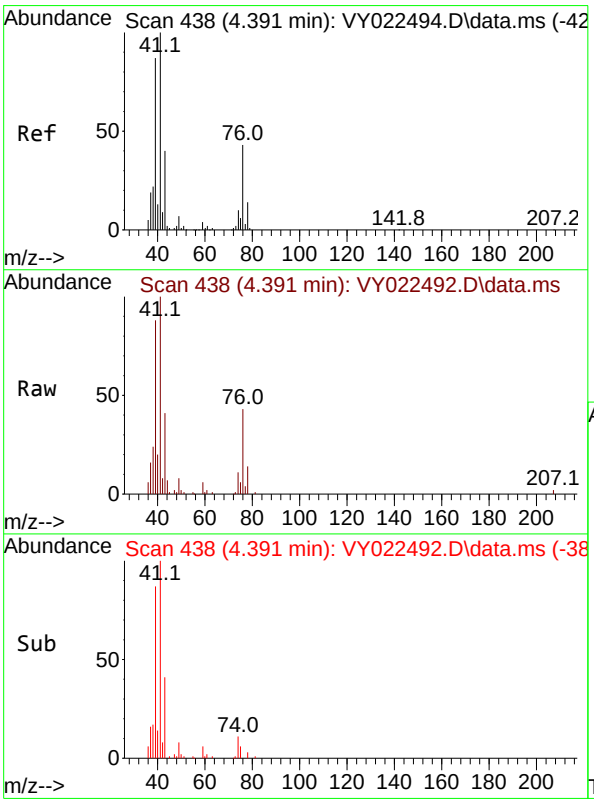
#13
Acrolein
Concen: 48.151 ug/l
RT: 3.671 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 9650

Ion	Ratio	Lower	Upper
56	100		
55	76.0	57.0	85.6

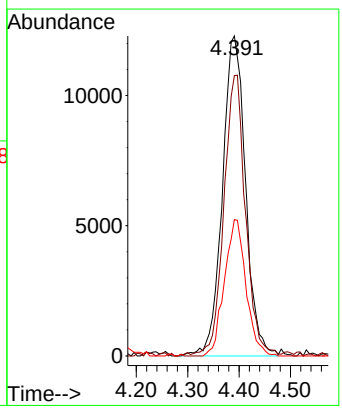


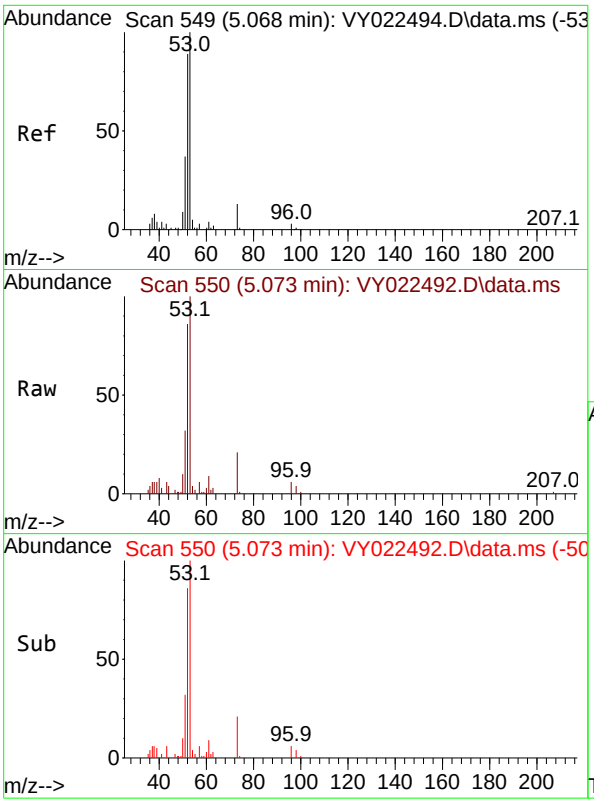


#14
Allyl chloride
Concen: 11.389 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 41 Resp: 38482

Ion	Ratio	Lower	Upper
41	100		
39	80.5	69.1	103.7
76	39.7	33.5	50.3



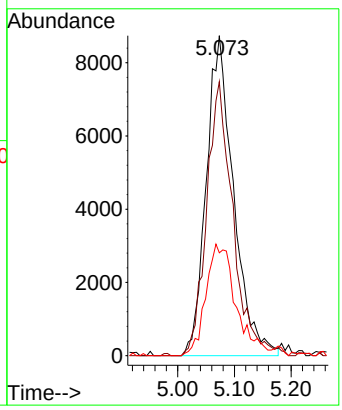


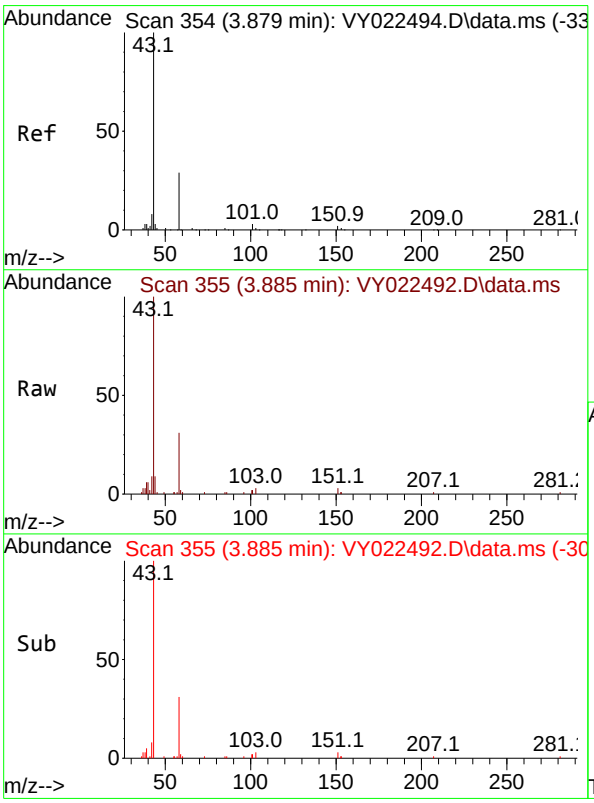
#15
Acrylonitrile
Concen: 57.299 ug/l
RT: 5.073 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 53 Resp: 29150

Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.7	98.5
51	38.3	30.1	45.1

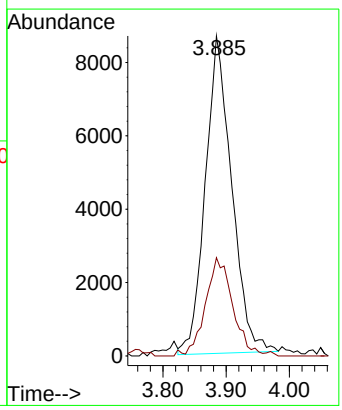


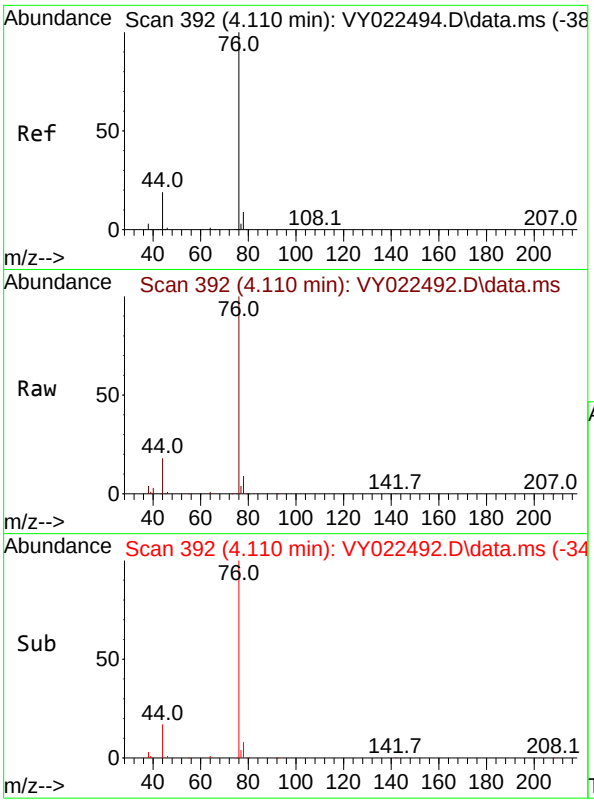


#16
Acetone
Concen: 55.166 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 25066

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.0	36.0



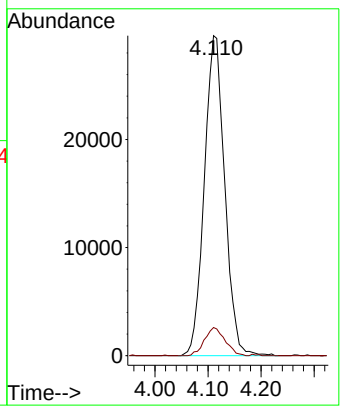


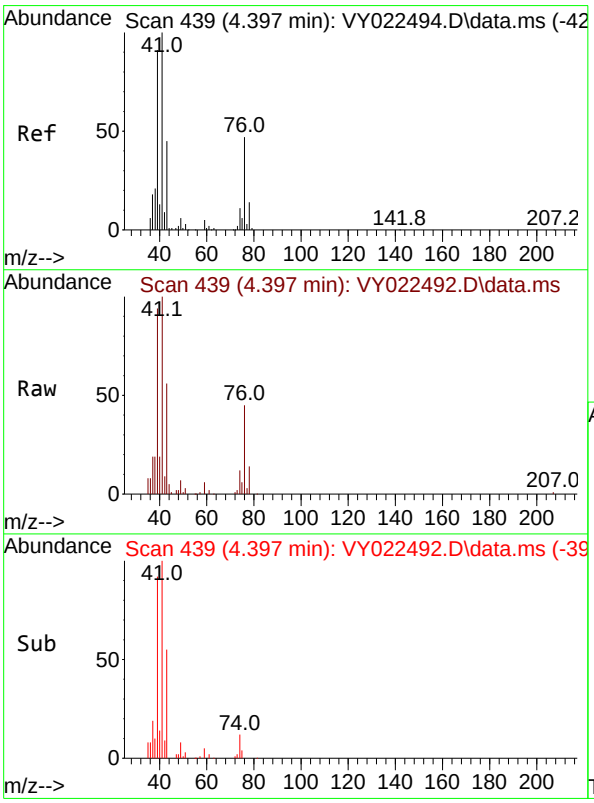
#17
Carbon Disulfide
Concen: 11.413 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 79008

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

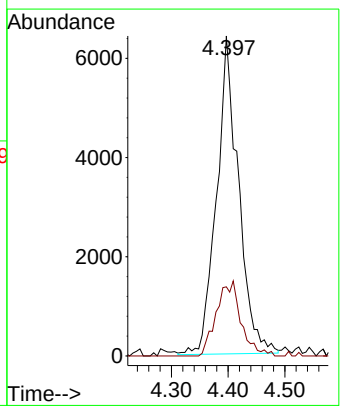


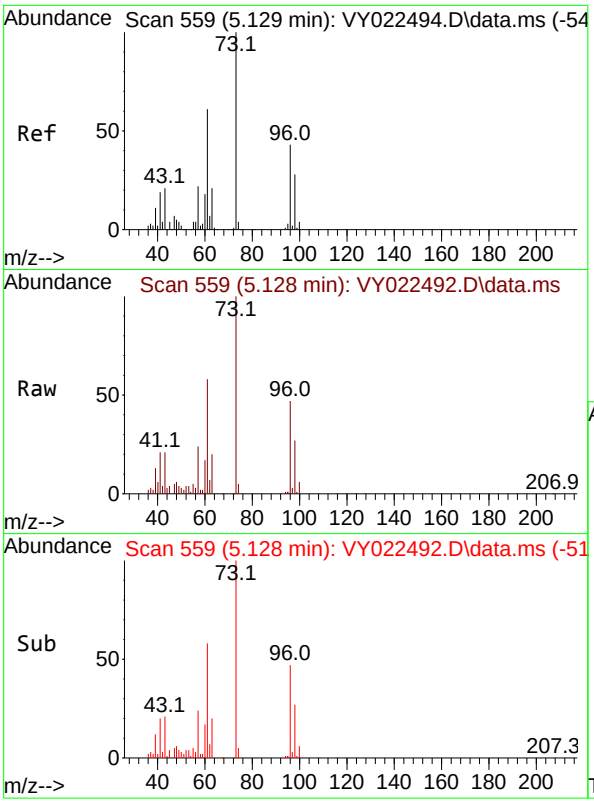


#18
Methyl Acetate
Concen: 12.603 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 17228

Ion	Ratio	Lower	Upper
43	100		
74	26.4	19.8	29.6



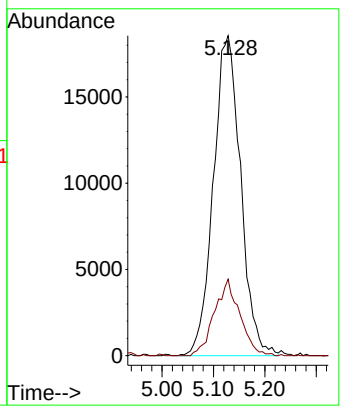


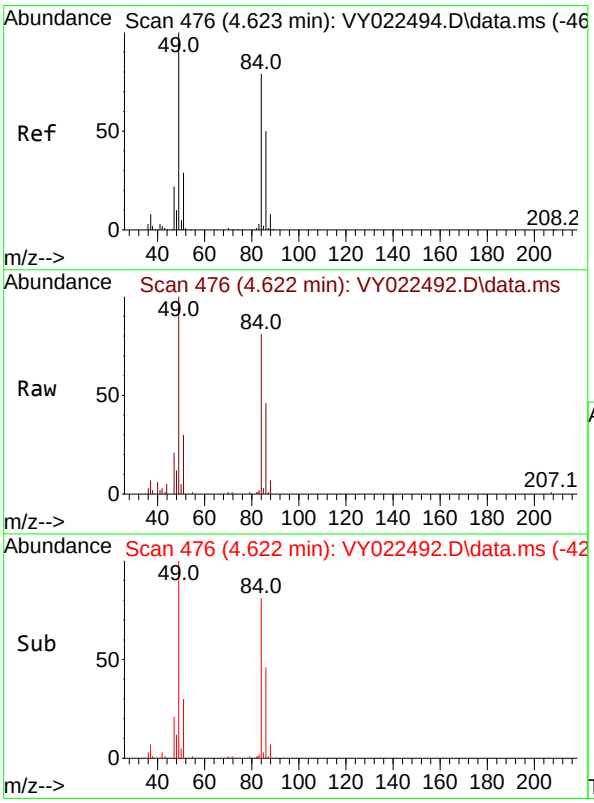
#19
Methyl tert-butyl Ether
Concen: 11.296 ug/l
RT: 5.128 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 68336

Ion	Ratio	Lower	Upper
73	100		
57	23.9	17.4	26.0

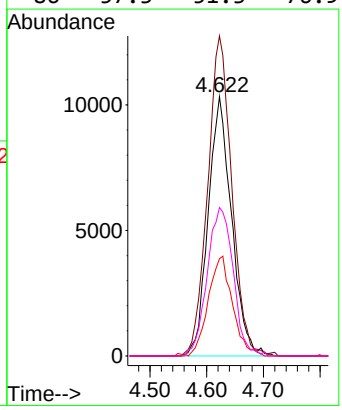


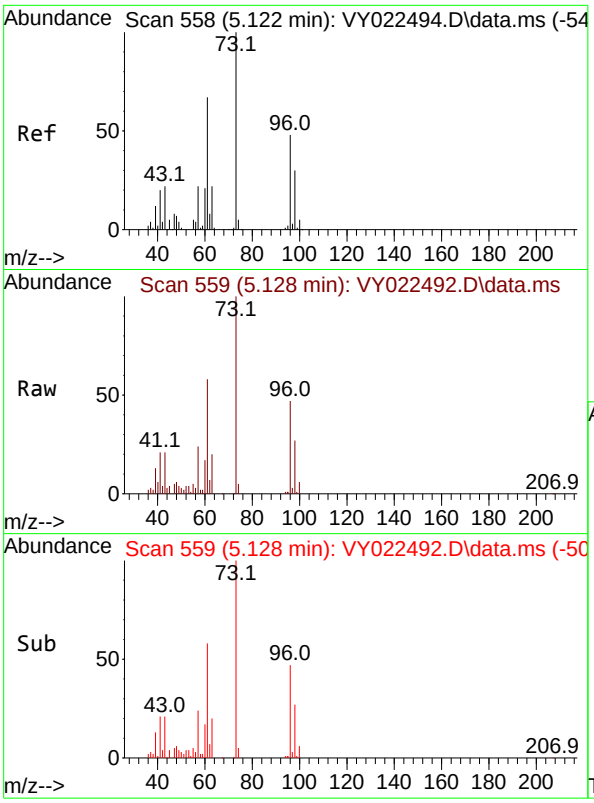


#20
Methylene Chloride
Concen: 11.655 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 84 Resp: 29569

Ion	Ratio	Lower	Upper
84	100		
49	123.4	101.9	152.9
51	37.5	29.8	44.8
86	57.3	51.3	76.9



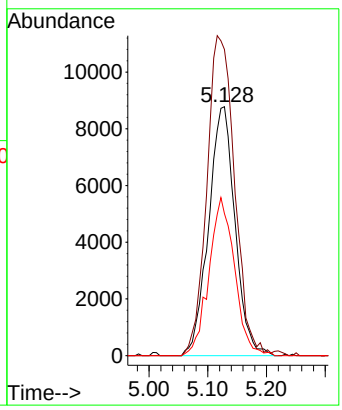


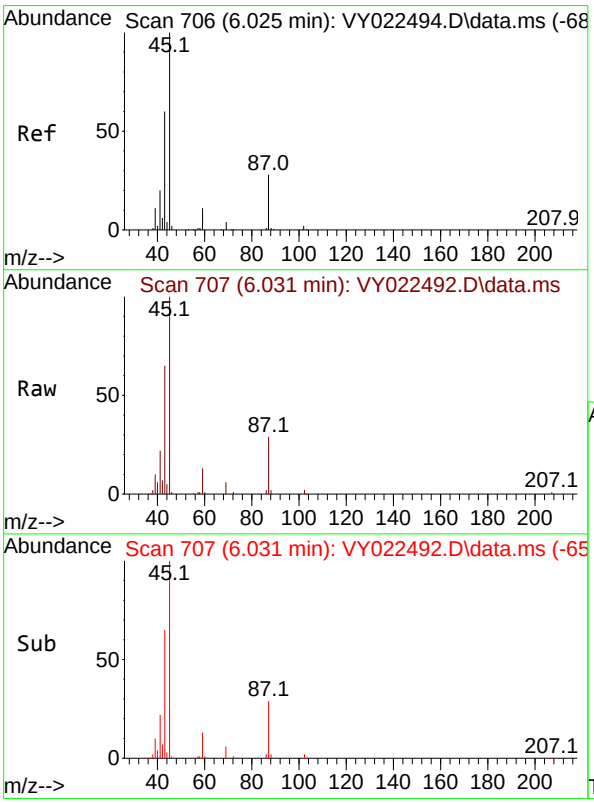
#21
trans-1,2-Dichloroethene
Concen: 11.350 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 27493

Ion	Ratio	Lower	Upper
96	100		
61	123.0	112.6	169.0
98	57.1	50.6	75.8

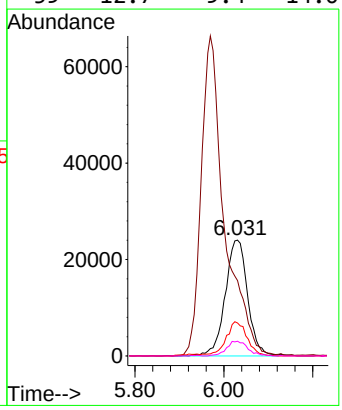


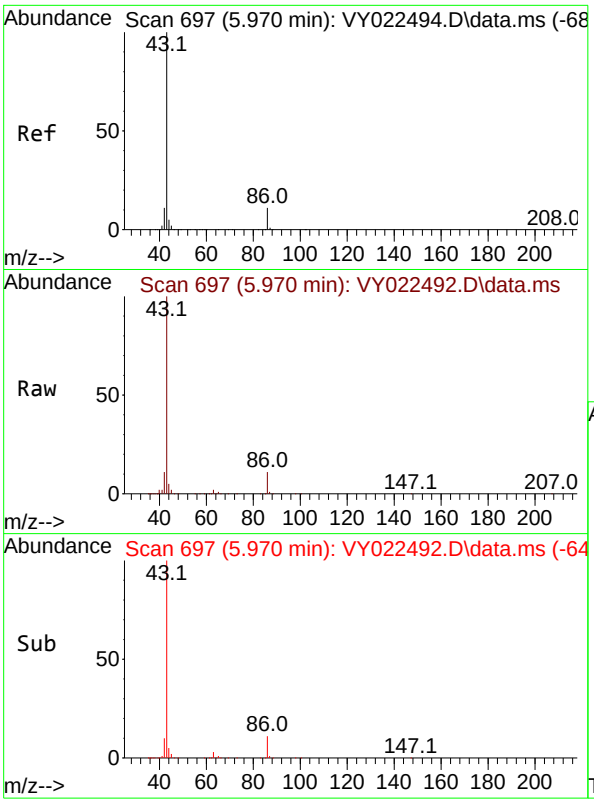


#22
Diisopropyl ether
Concen: 11.156 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 45 Resp: 83814

Ion	Ratio	Lower	Upper
45	100		
43	64.5	48.3	72.5
87	28.5	23.0	34.6
59	12.7	9.4	14.0



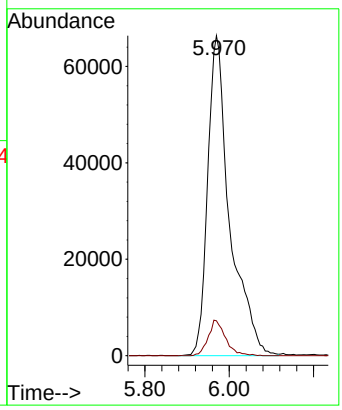


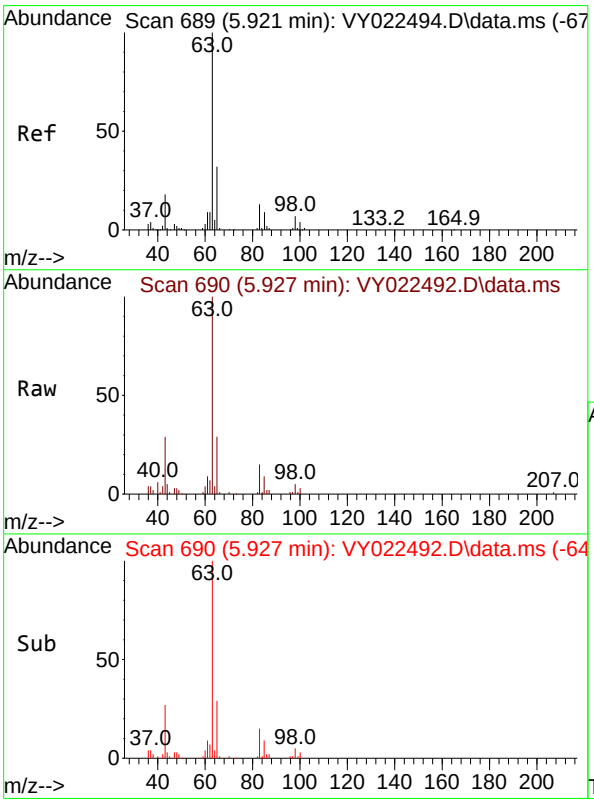
#23
Vinyl Acetate
Concen: 54.152 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 241364

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	12.8

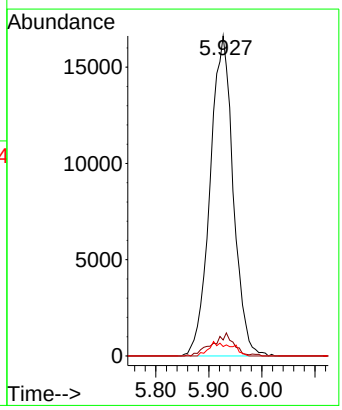


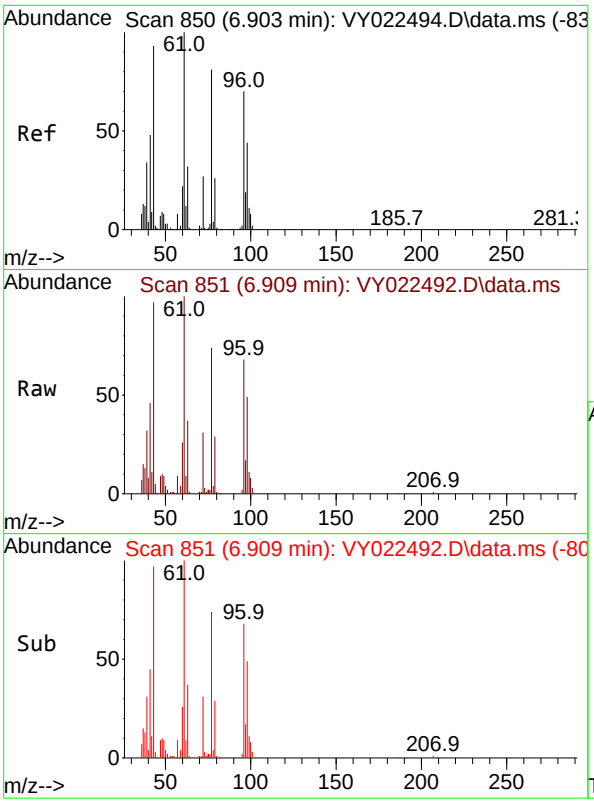


#24
1,1-Dichloroethane
Concen: 11.346 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 63 Resp: 50391

Ion	Ratio	Lower	Upper
63	100		
98	5.0	3.4	10.1
100	3.0	2.1	6.3



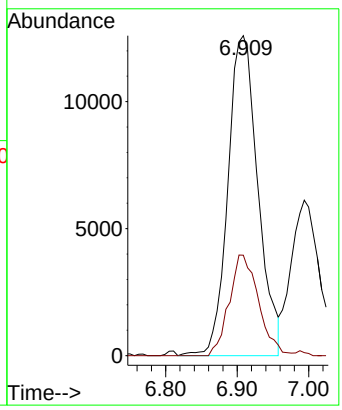


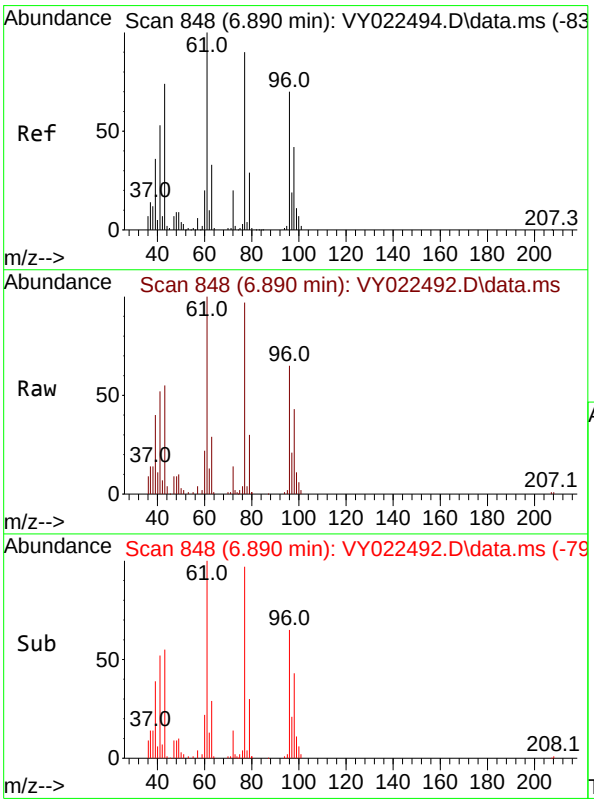
#25
2-Butanone
Concen: 54.840 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 36756

Ion	Ratio	Lower	Upper
43	100		
72	31.4	22.9	34.3

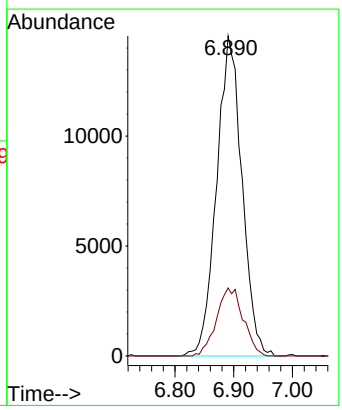


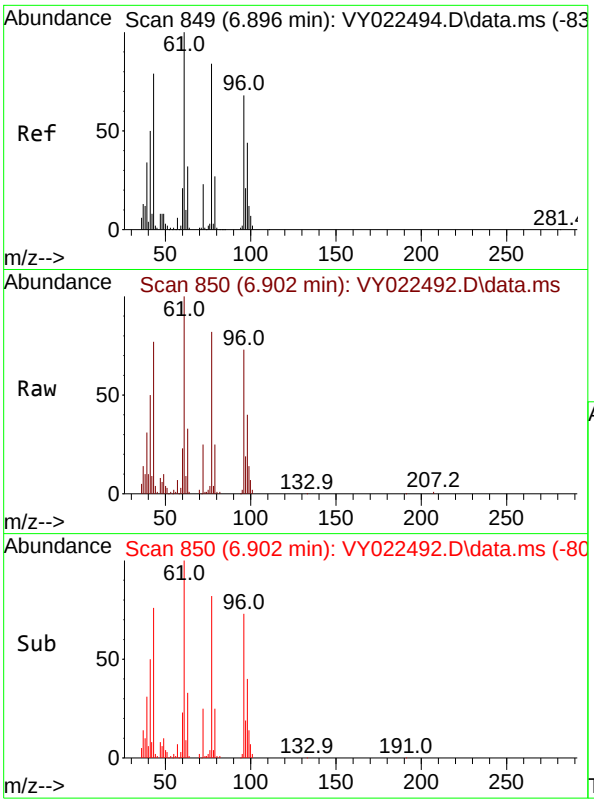


#26
2,2-Dichloropropane
Concen: 11.045 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 77 Resp: 43605

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.2



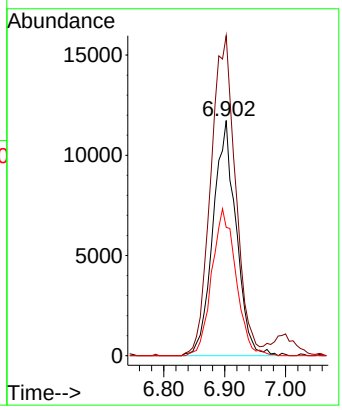


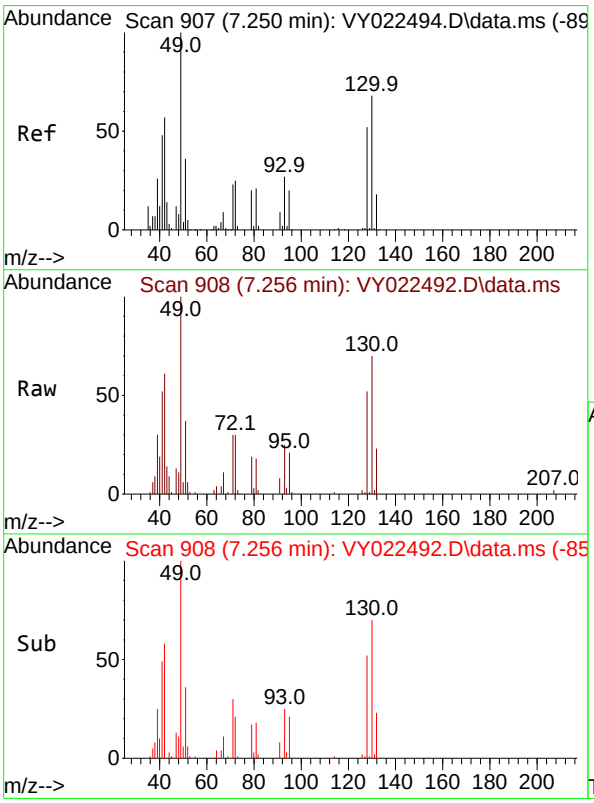
#27
cis-1,2-Dichloroethene
Concen: 11.028 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 30873

Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	290.0
98	65.3	0.0	128.4

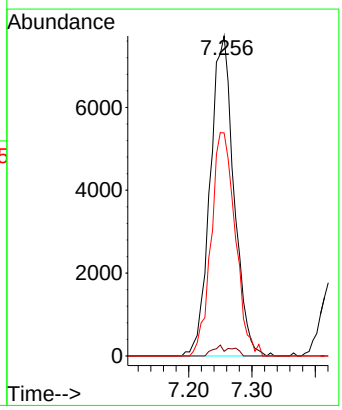


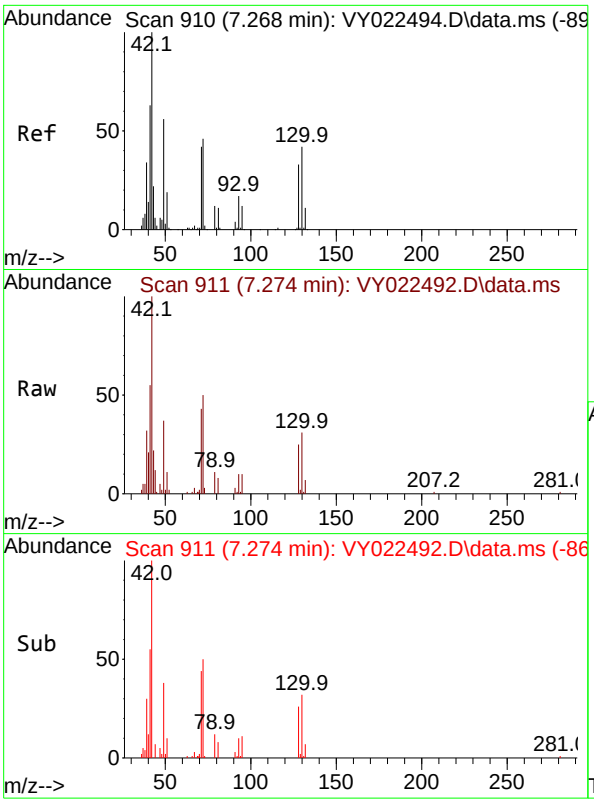


#28
Bromochloromethane
Concen: 10.491 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 49 Resp: 20132

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.6
130	70.8	55.7	83.5



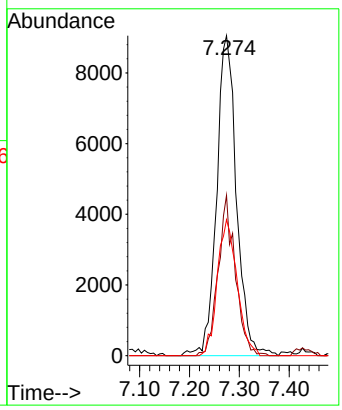


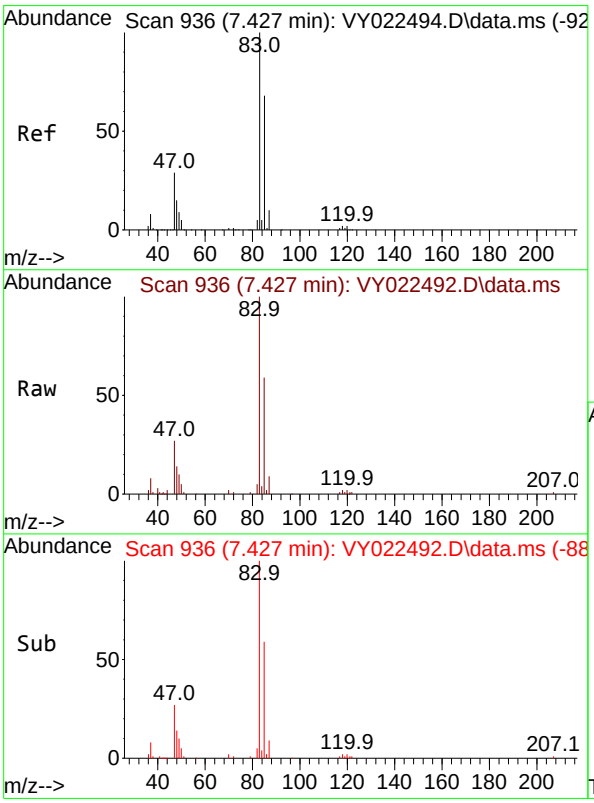
#29
Tetrahydrofuran
Concen: 57.822 ug/l
RT: 7.274 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 42 Resp: 25001

Ion	Ratio	Lower	Upper
42	100		
72	43.5	37.4	56.2
71	42.5	34.2	51.2

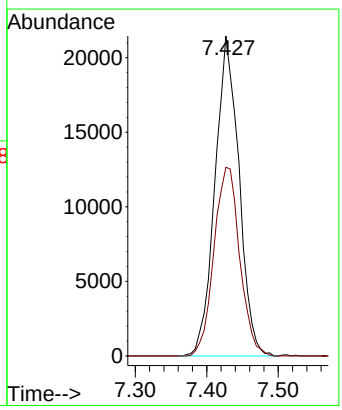


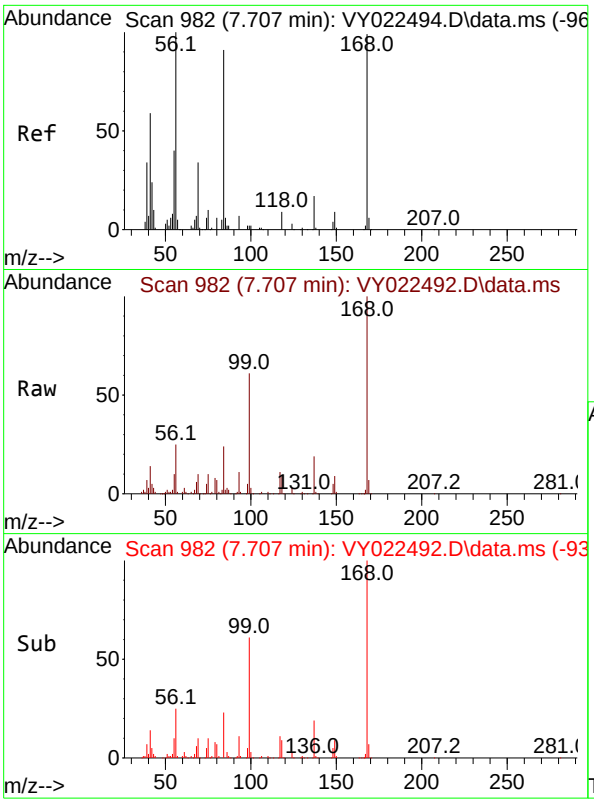


#30
Chloroform
Concen: 11.391 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 49990

Ion	Ratio	Lower	Upper
83	100		
85	59.0	54.2	81.4



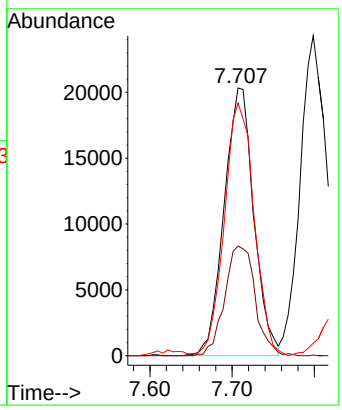


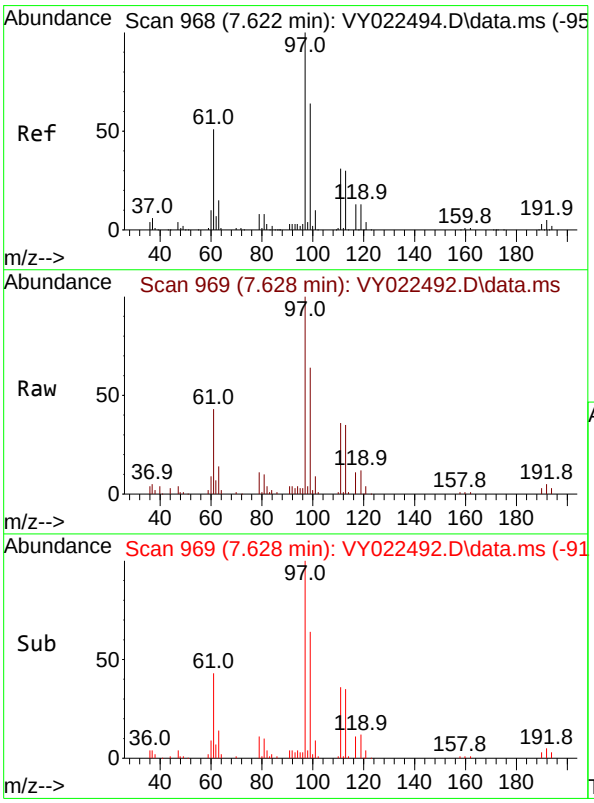
#31
Cyclohexane
Concen: 11.422 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 51050

Ion	Ratio	Lower	Upper
56	100		
69	40.9	27.0	40.6#
84	92.7	72.6	109.0

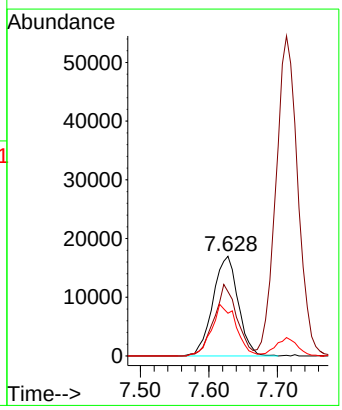


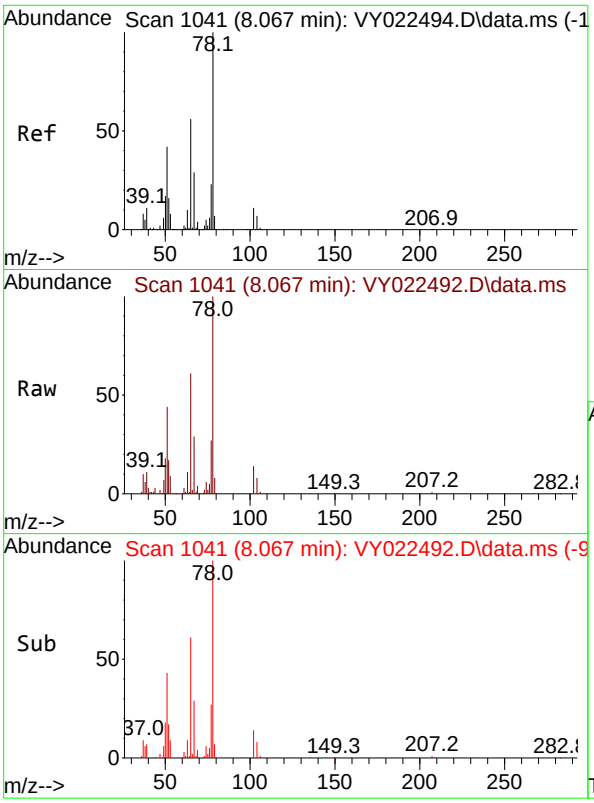


#32
1,1,1-Trichloroethane
Concen: 11.080 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 97 Resp: 43454

Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	50.6	38.5	57.7



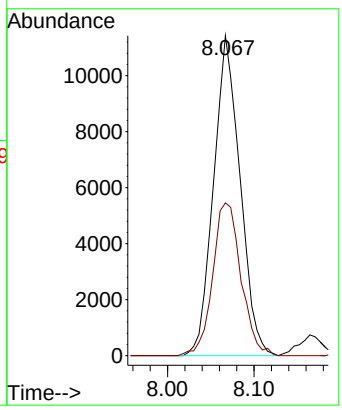


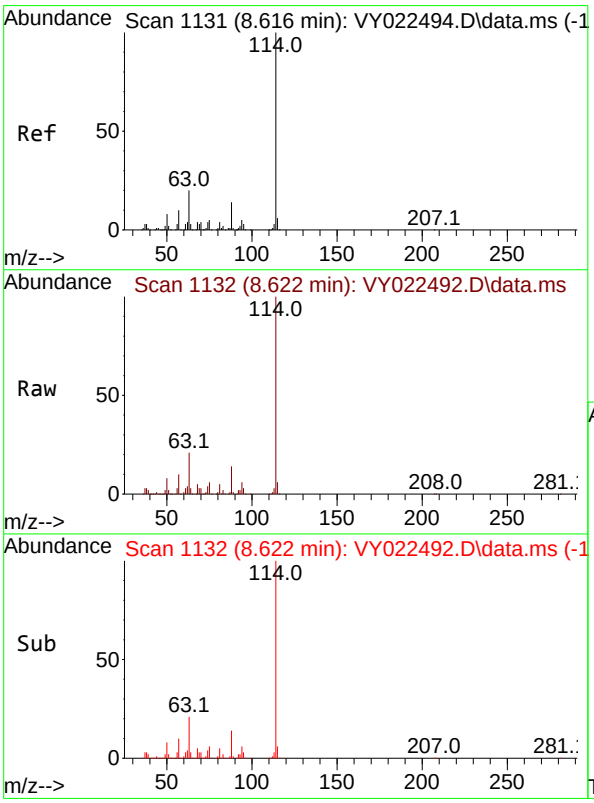
#33
1,2-Dichloroethane-d4
Concen: 10.549 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 65 Resp: 24246

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.4

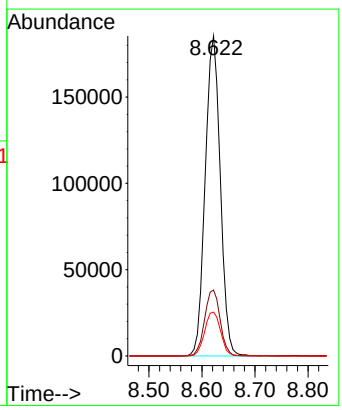


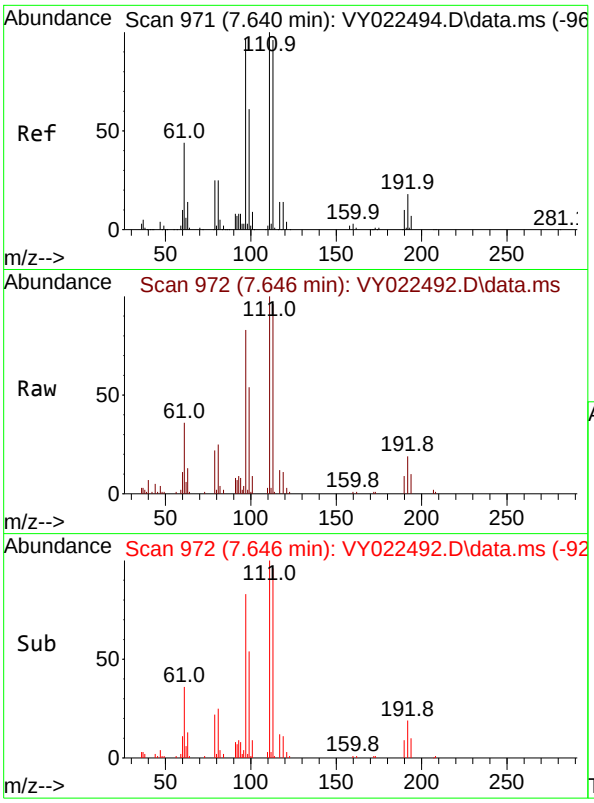


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:114 Resp: 366386

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	13.7	0.0	27.8



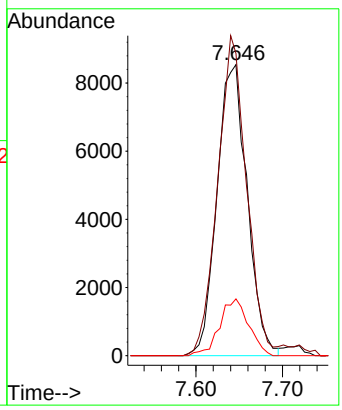


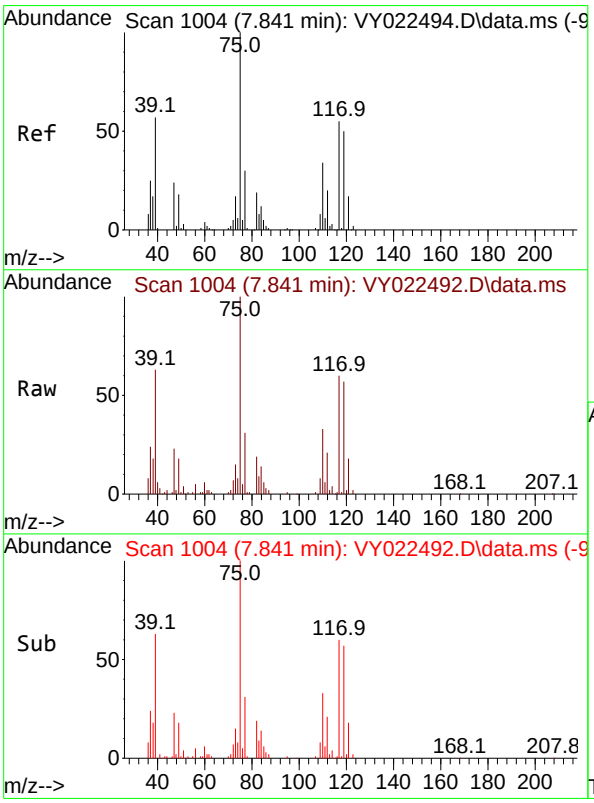
#35
Dibromofluoromethane
Concen: 9.617 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:113 Resp: 20743

Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.1	121.7
192	18.7	14.2	21.2

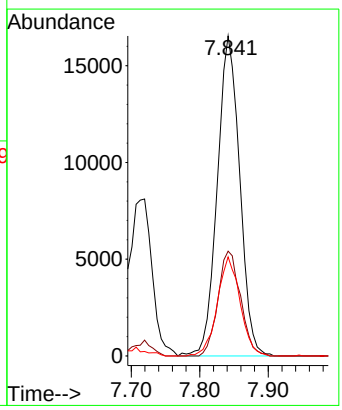


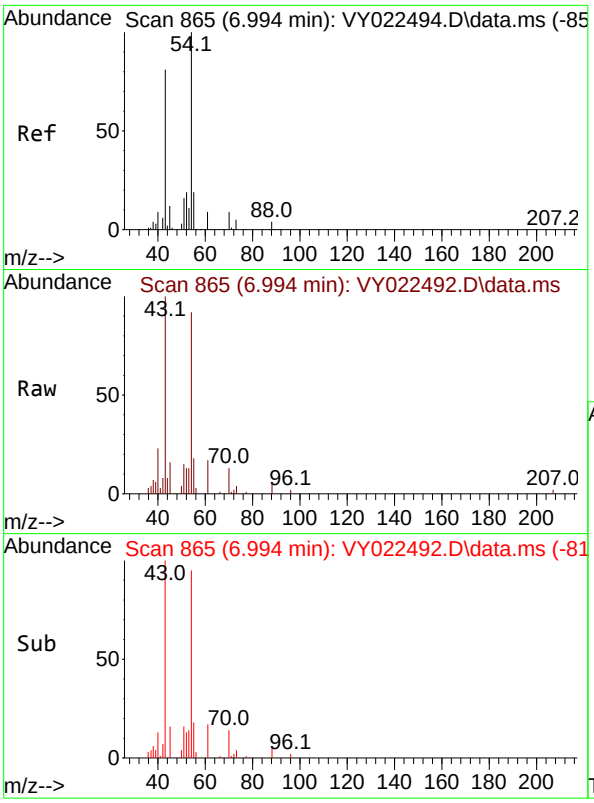


#36
1,1-Dichloropropene
Concen: 10.765 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 37532

Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.9	50.7
77	31.5	24.8	37.2



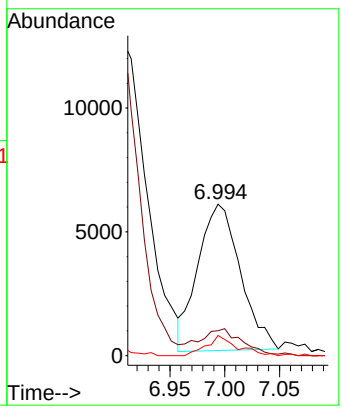


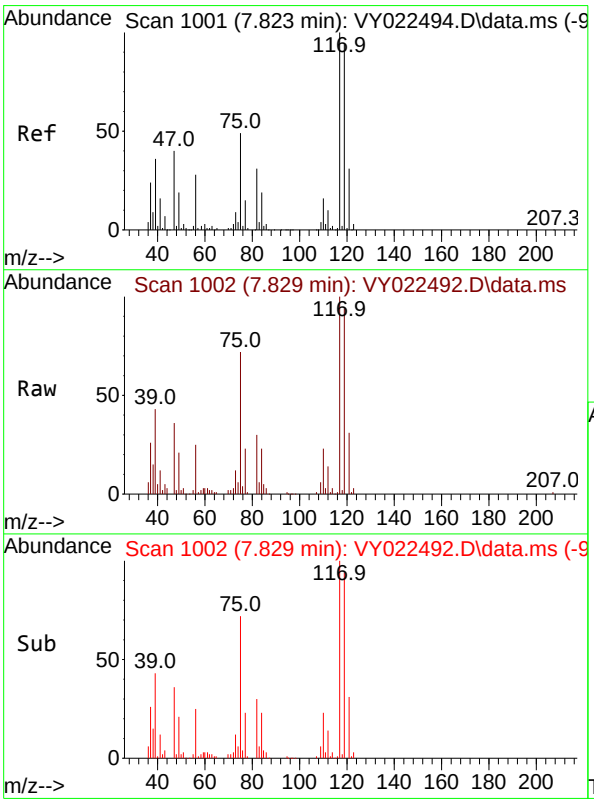
#37
Ethyl Acetate
Concen: 10.371 ug/l
RT: 6.994 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 15914

Ion	Ratio	Lower	Upper
43	100		
61	18.4	11.5	17.3#
70	9.8	7.2	10.8

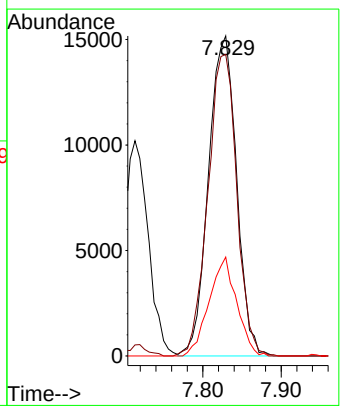


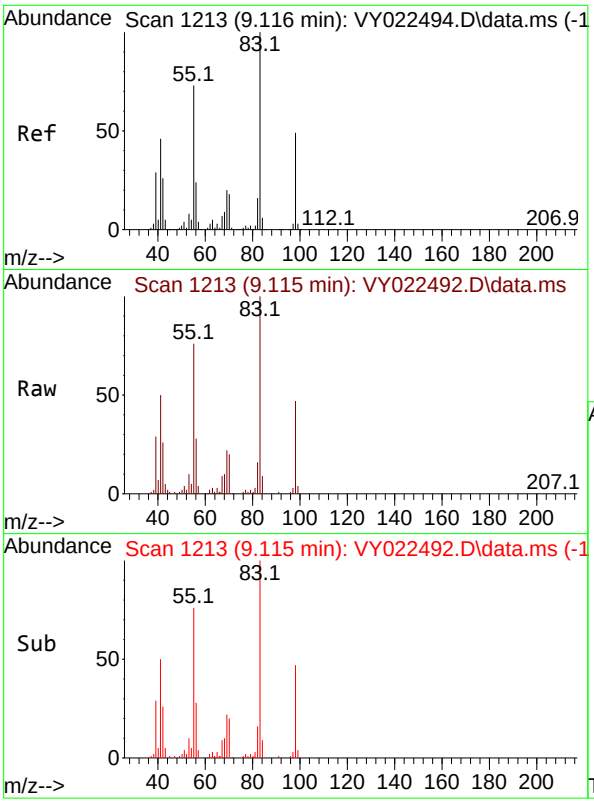


#38
Carbon Tetrachloride
Concen: 10.515 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:117 Resp: 37794

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.0	112.6
121	30.9	25.0	37.4



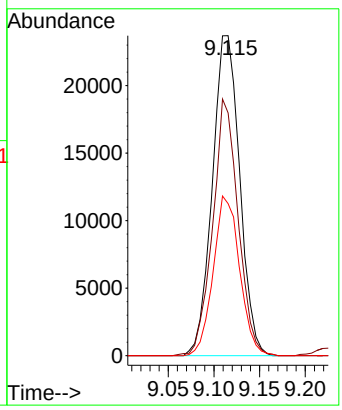


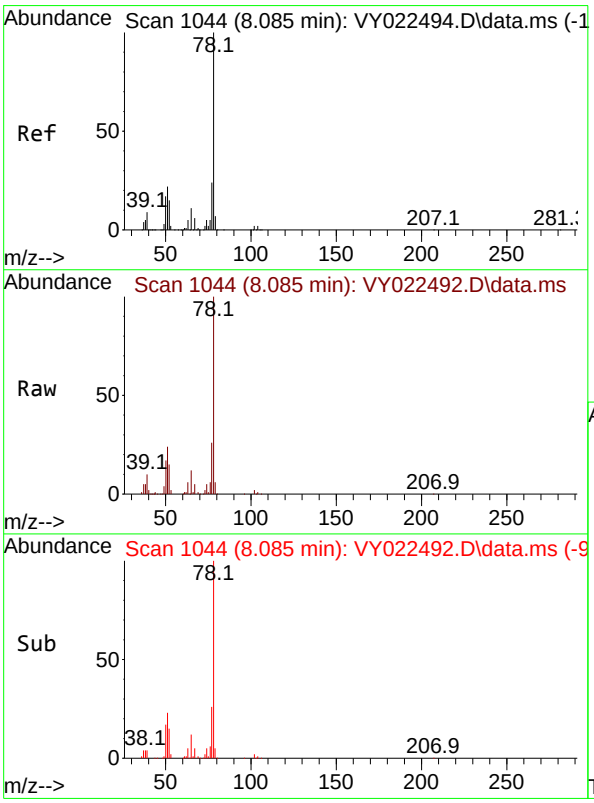
#39
Methylcyclohexane
Concen: 10.491 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 49413

Ion	Ratio	Lower	Upper
83	100		
55	75.8	58.1	87.1
98	47.5	39.0	58.6

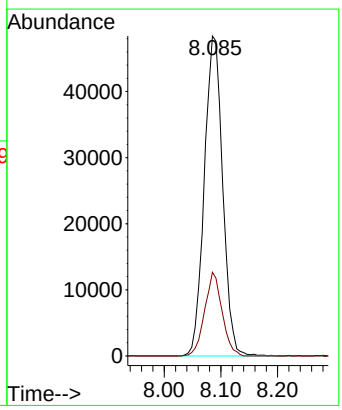


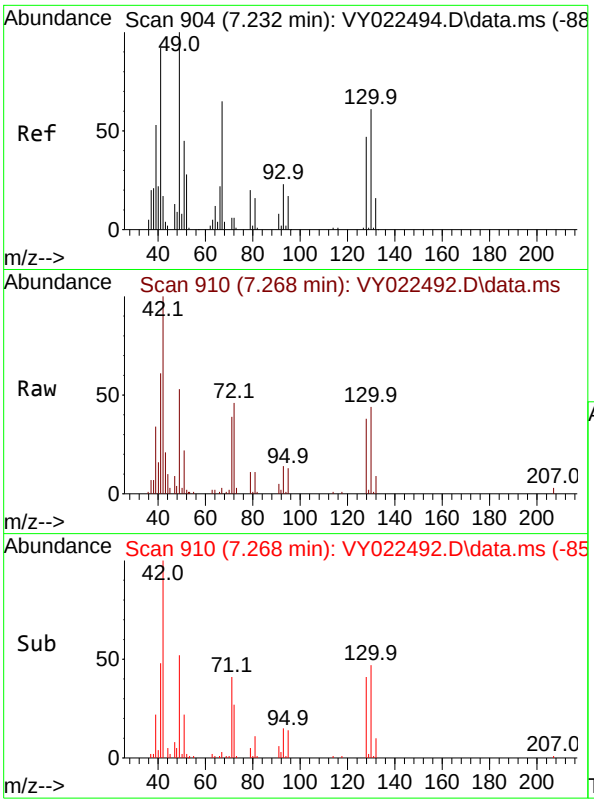


#40
Benzene
Concen: 10.600 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 78 Resp: 108934

Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.3	28.9



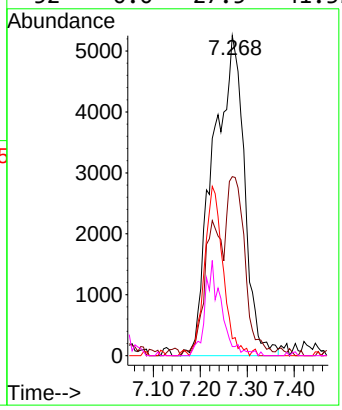


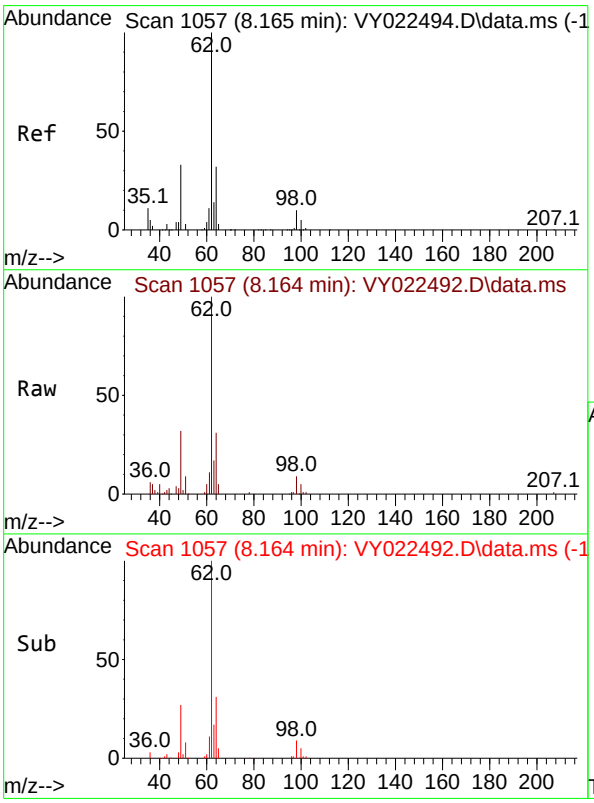
#41
Methacrylonitrile
Concen: 24.573 ug/l
RT: 7.268 min Scan# 9
Delta R.T. 0.036 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 24283

Ion	Ratio	Lower	Upper
41	100		
39	31.0	46.6	69.8#
67	0.0	63.3	94.9#
52	0.0	27.5	41.3#

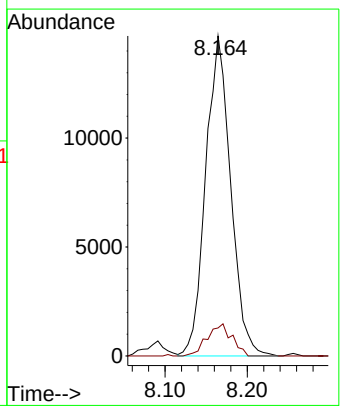


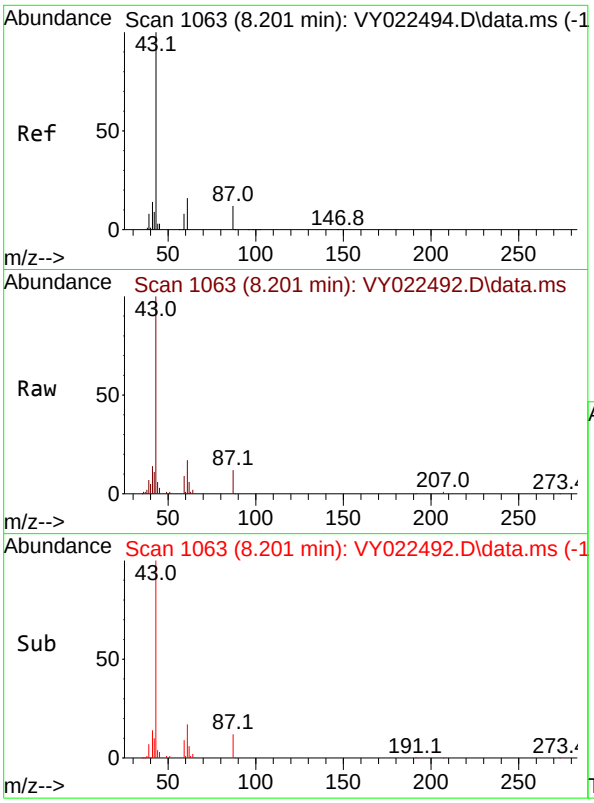


#42
1,2-Dichloroethane
Concen: 11.125 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 62 Resp: 31102

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2



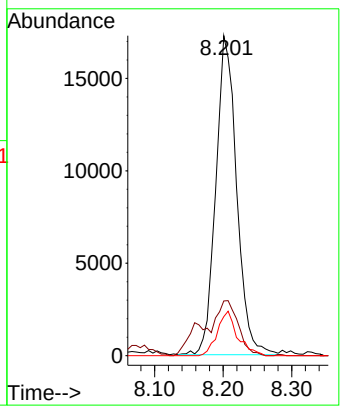


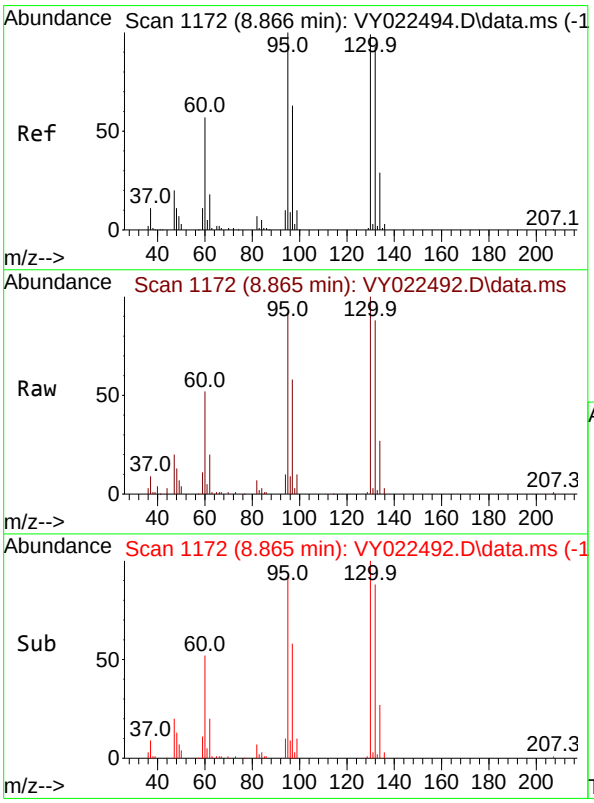
#43
Isopropyl Acetate
Concen: 10.859 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 36411

Ion	Ratio	Lower	Upper
43	100		
61	17.7	15.6	23.4
87	13.4	10.2	15.4

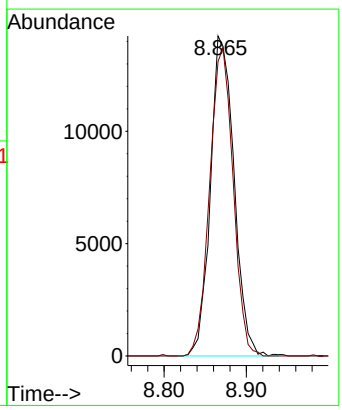


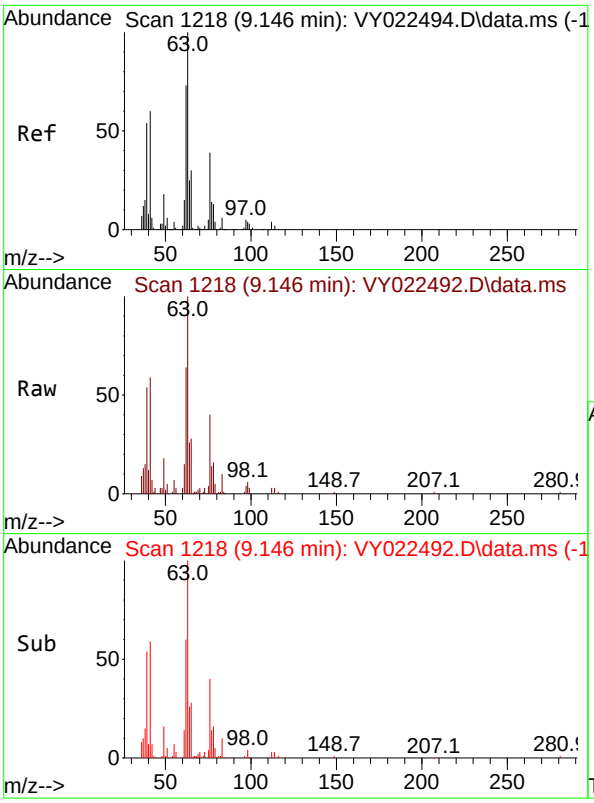


#44
Trichloroethene
Concen: 11.325 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:130 Resp: 28431

Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	203.0



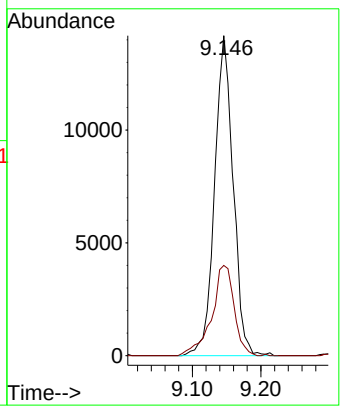


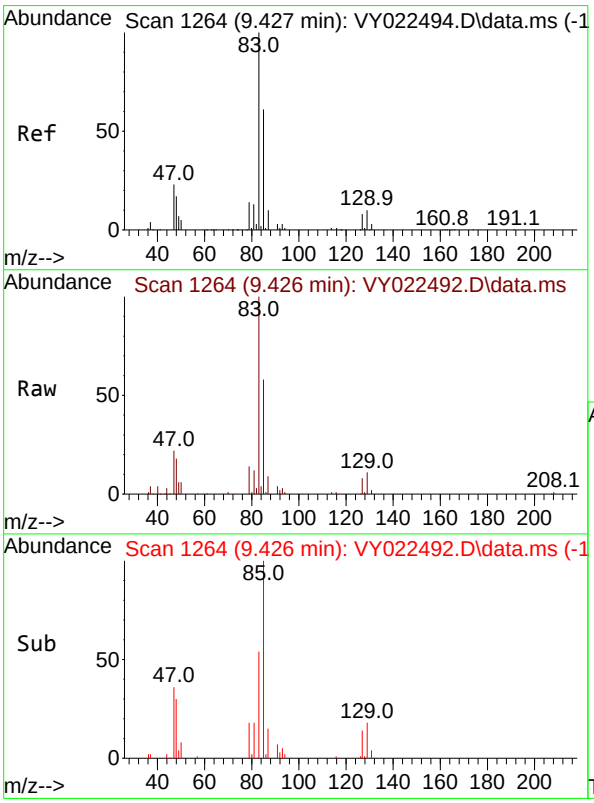
#45
1,2-Dichloropropane
Concen: 10.884 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 26665

Ion	Ratio	Lower	Upper
63	100		
65	28.2	24.0	36.0

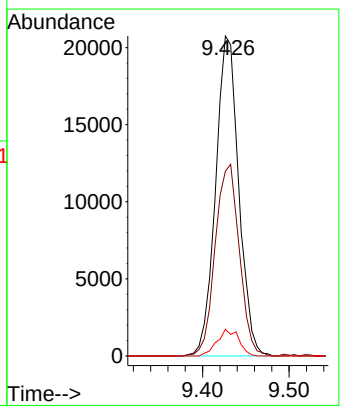


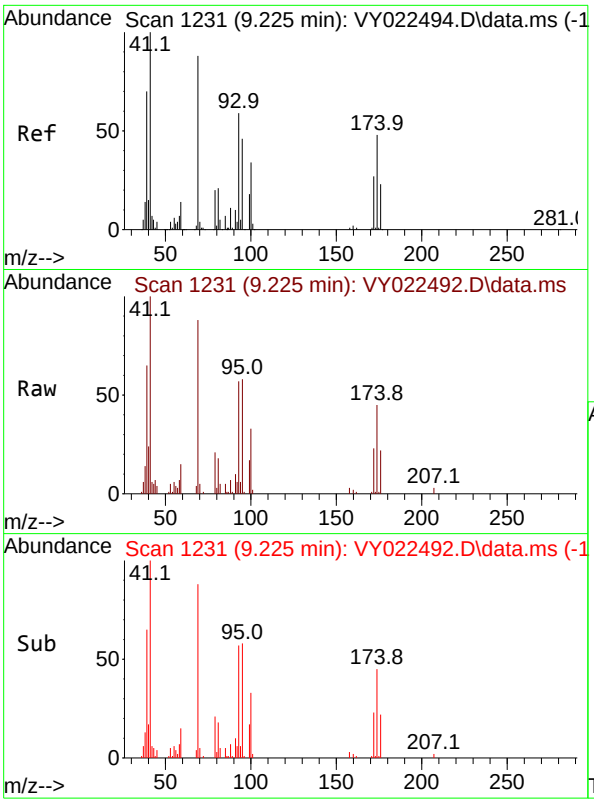


#47
Bromodichloromethane
Concen: 11.048 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 38475

Ion	Ratio	Lower	Upper
83	100		
85	57.8	49.1	73.7
127	8.4	6.2	9.4



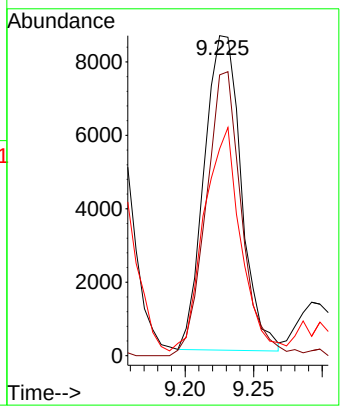


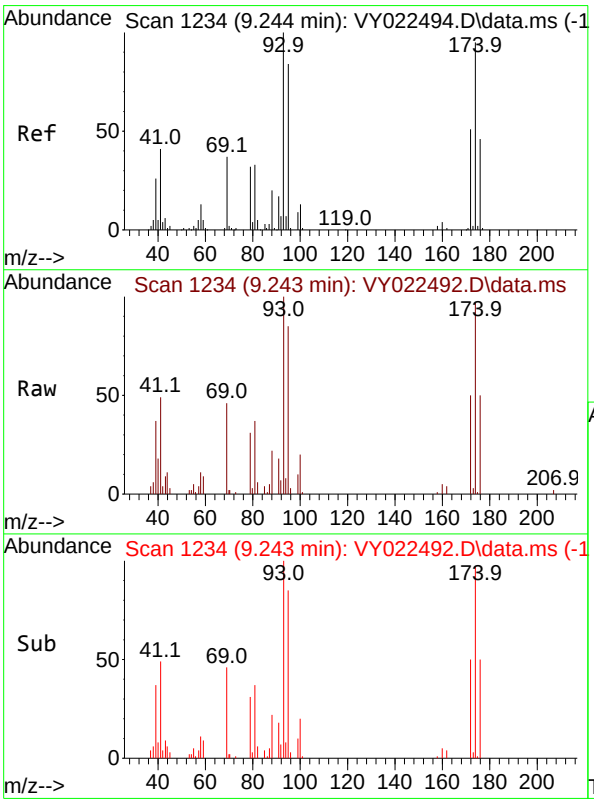
#48
Methyl methacrylate
Concen: 10.501 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 16122

Ion	Ratio	Lower	Upper
41	100		
69	86.6	67.8	101.8
39	70.2	55.0	82.4

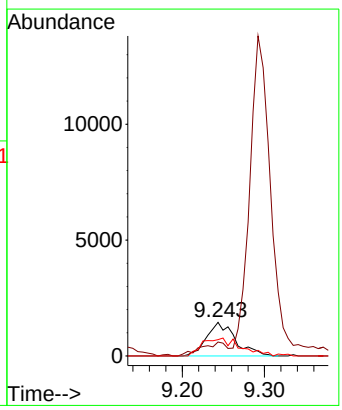


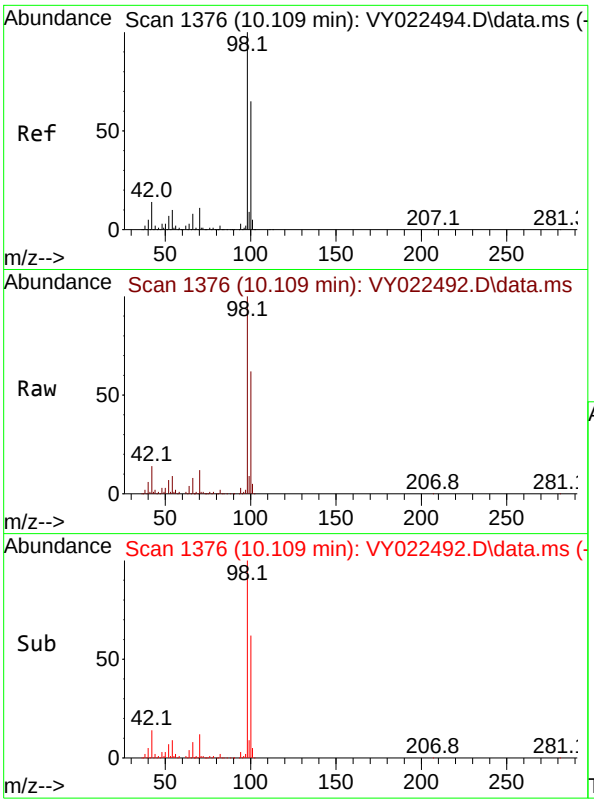


#49
1,4-Dioxane
Concen: 215.881 ug/l
RT: 9.243 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 88 Resp: 3535

Ion	Ratio	Lower	Upper
88	100		
43	36.1	25.4	38.2
58	69.8	54.9	82.3



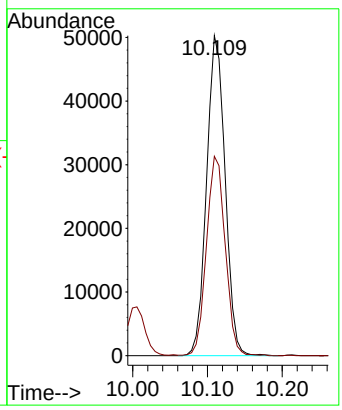


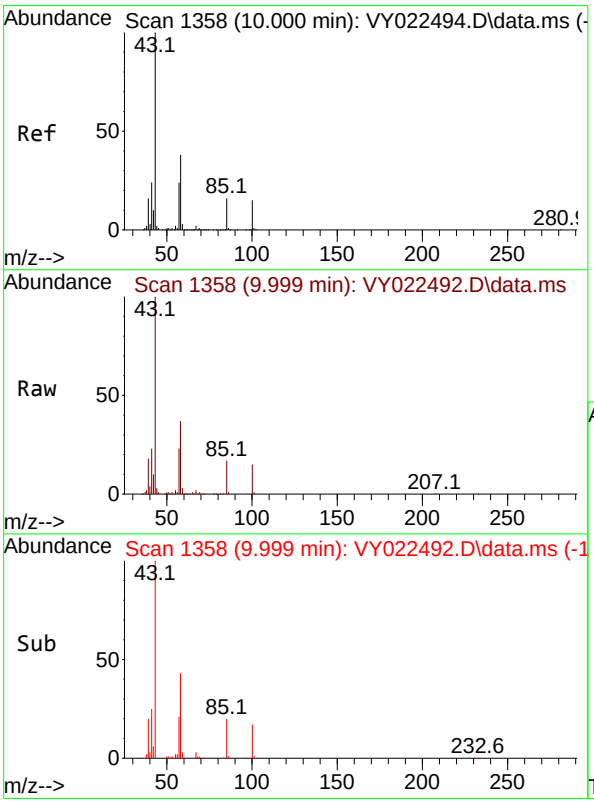
#50
Toluene-d8
Concen: 9.930 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 98 Resp: 86561

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.4	77.0

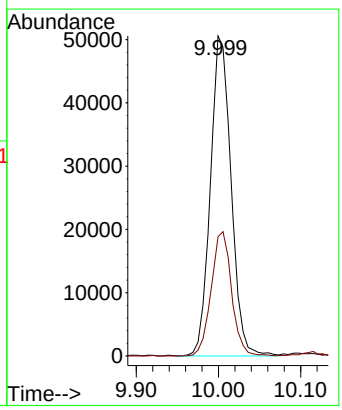


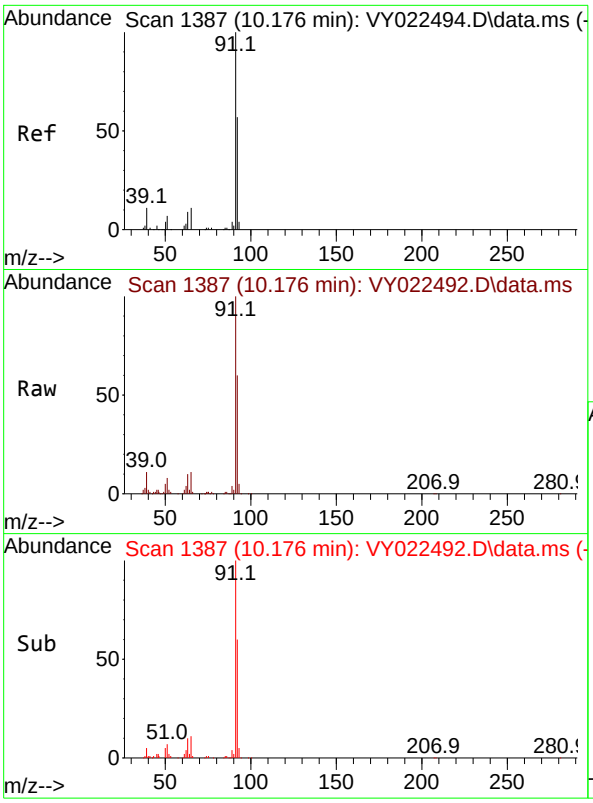


#51
4-Methyl-2-Pentanone
Concen: 53.259 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 88634

Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.4	45.6



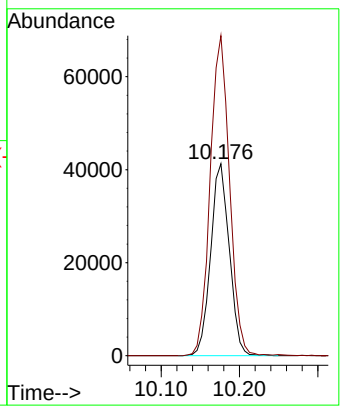


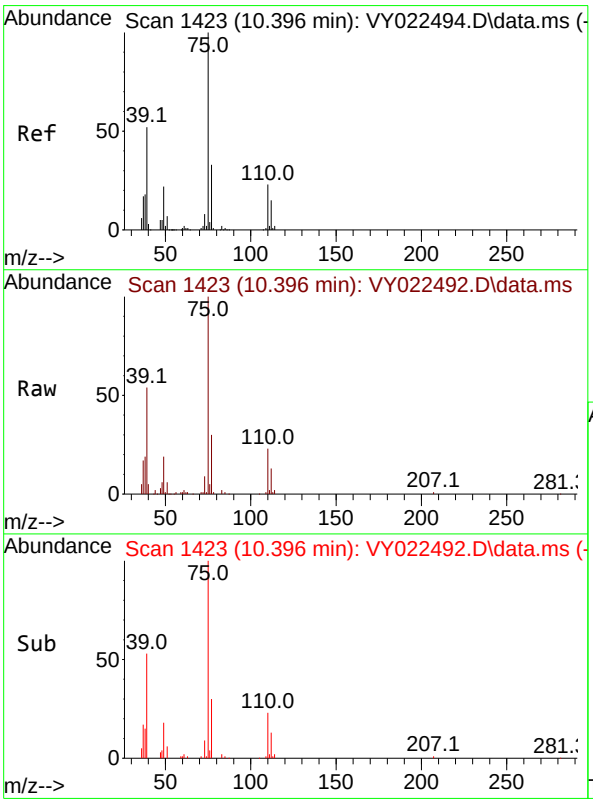
#52
Toluene
Concen: 10.565 ug/l
RT: 10.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 92 Resp: 68265

Ion	Ratio	Lower	Upper
92	100		
91	172.7	139.0	208.4

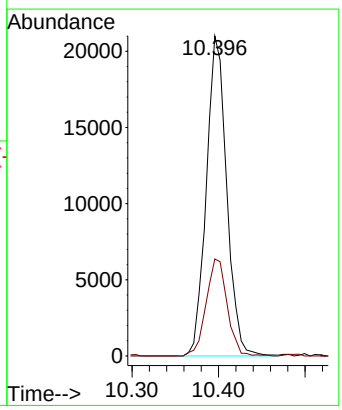


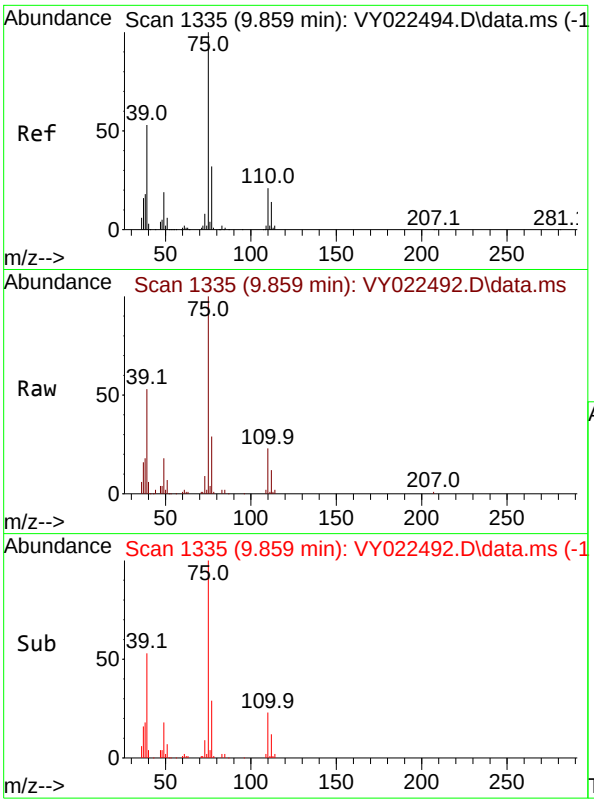


#53
t-1,3-Dichloropropene
Concen: 10.649 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 34307

Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.5	39.7



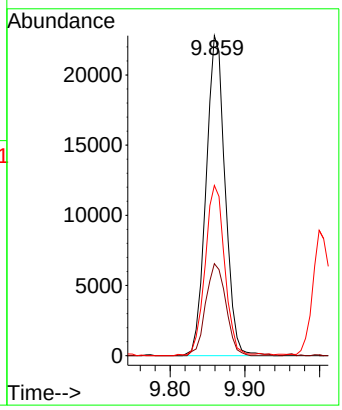


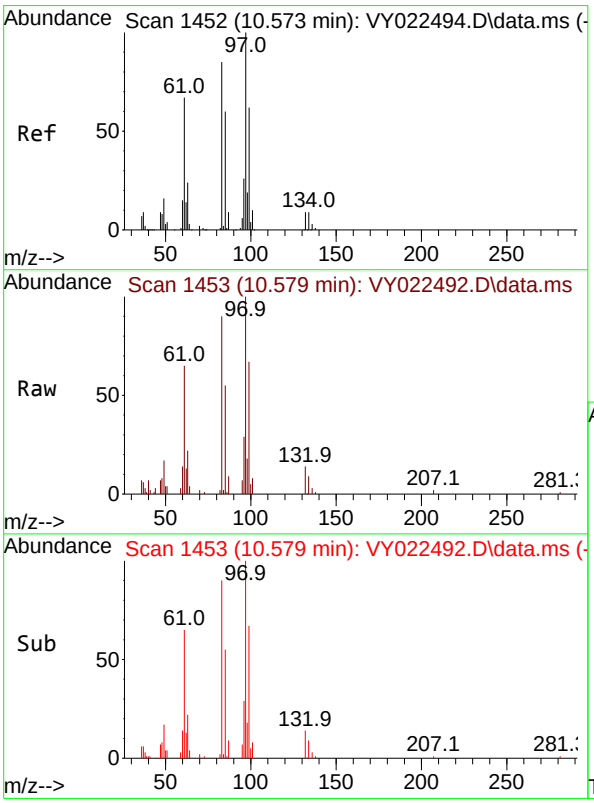
#54
cis-1,3-Dichloropropene
Concen: 10.649 ug/l
RT: 9.859 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 40229

Ion	Ratio	Lower	Upper
75	100		
77	28.7	25.3	37.9
39	52.8	42.7	64.1

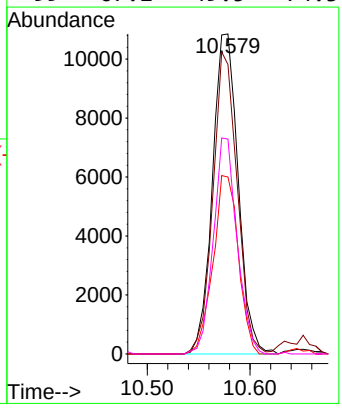


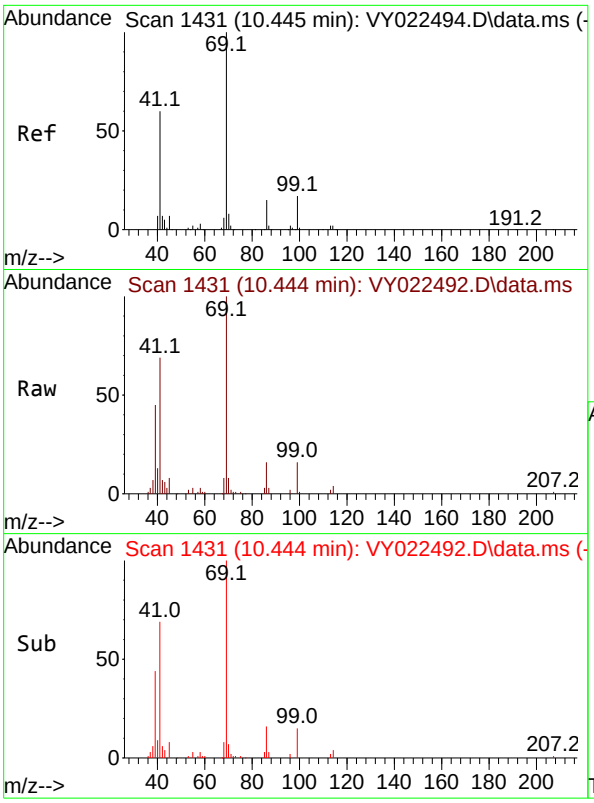


#55
1,1,2-Trichloroethane
Concen: 10.904 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 97 Resp: 18848

Ion	Ratio	Lower	Upper
97	100		
83	90.5	68.1	102.1
85	55.3	48.2	72.2
99	67.2	49.5	74.3



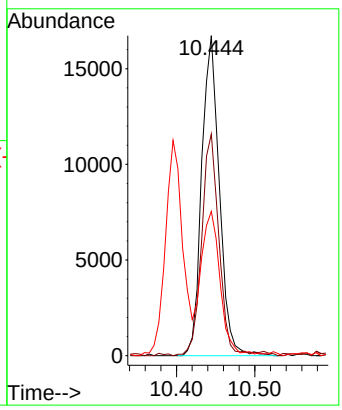


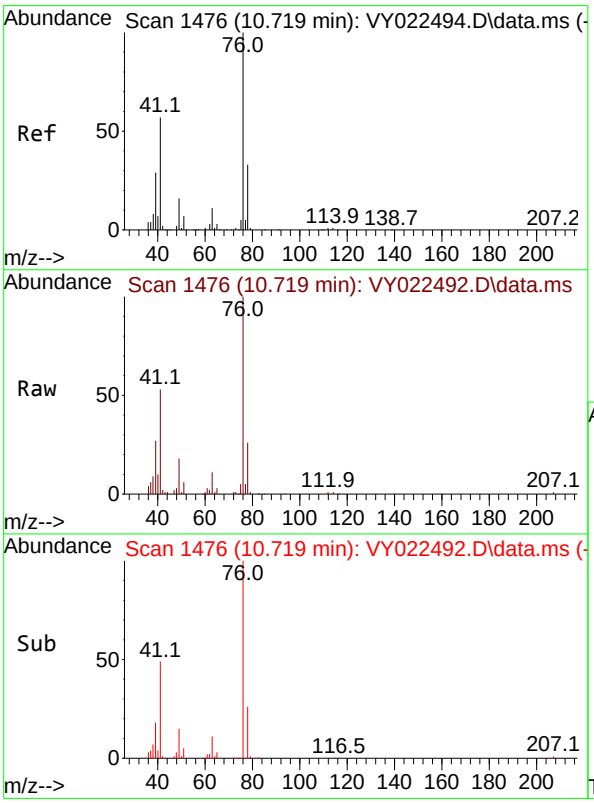
#56
Ethyl methacrylate
Concen: 10.426 ug/l
RT: 10.444 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 69 Resp: 26171

Ion	Ratio	Lower	Upper
69	100		
41	67.3	52.2	78.2
39	47.9	36.7	55.1

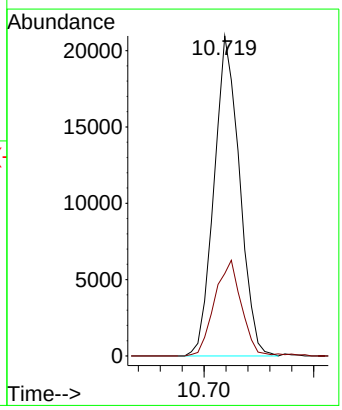


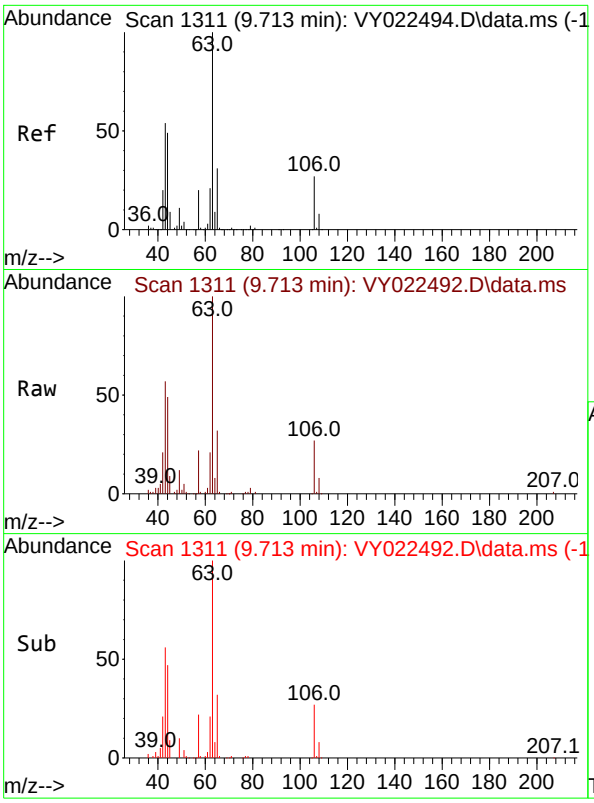


#57
1,3-Dichloropropane
Concen: 10.991 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 76 Resp: 33836

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8



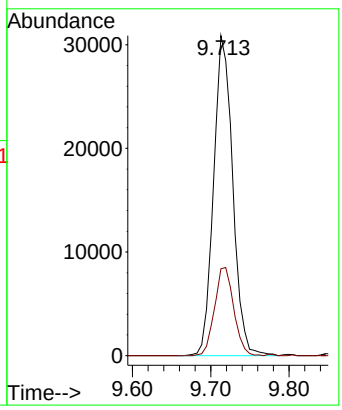


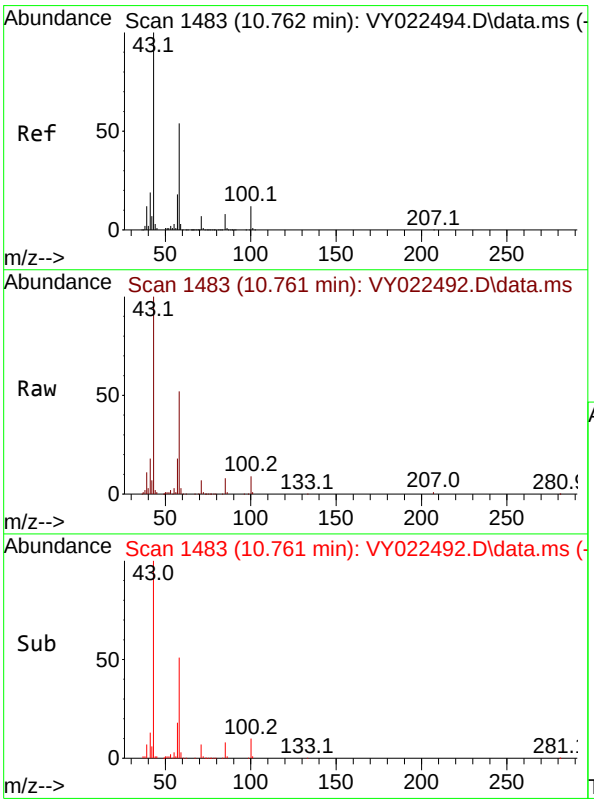
#58
2-Chloroethyl Vinyl ether
Concen: 46.819 ug/l
RT: 9.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 52396

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.6	32.4

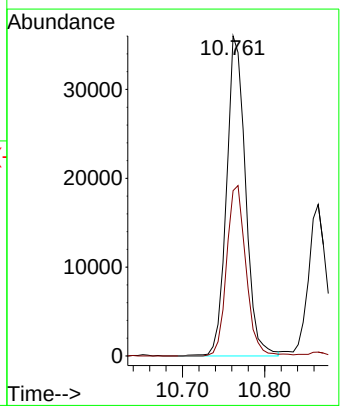


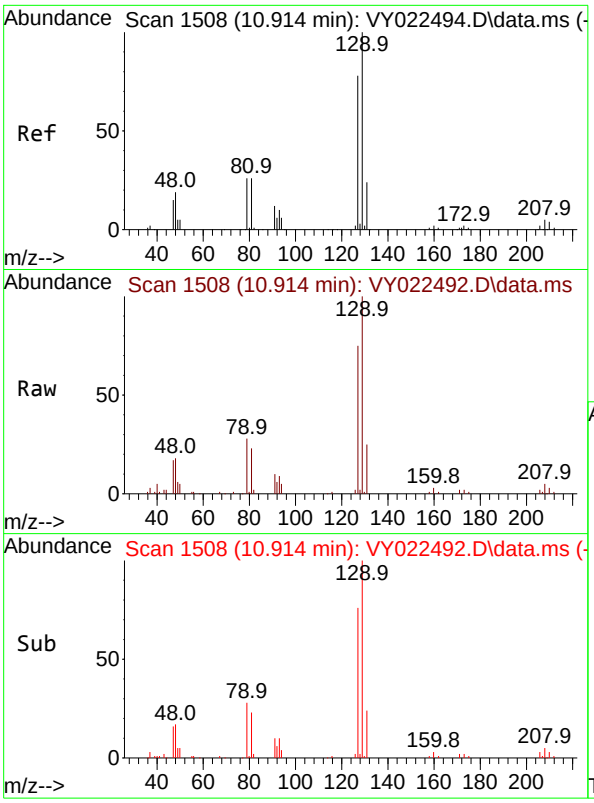


#59
2-Hexanone
Concen: 52.045 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 57738

Ion	Ratio	Lower	Upper
43	100		
58	54.3	27.3	81.8



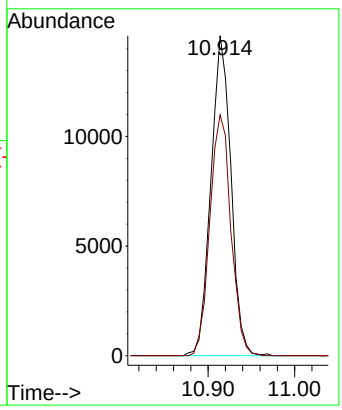


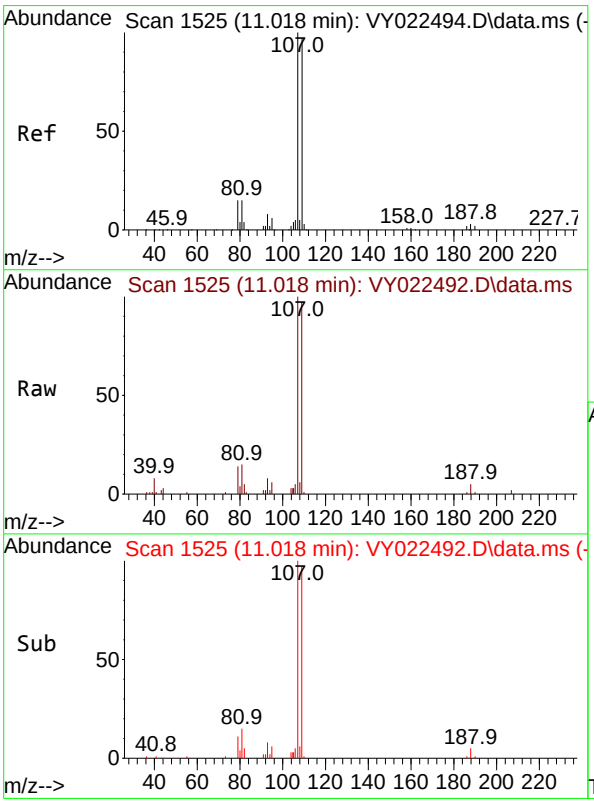
#60
Dibromochloromethane
Concen: 10.694 ug/l
RT: 10.914 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:129 Resp: 23423

Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.1	117.2

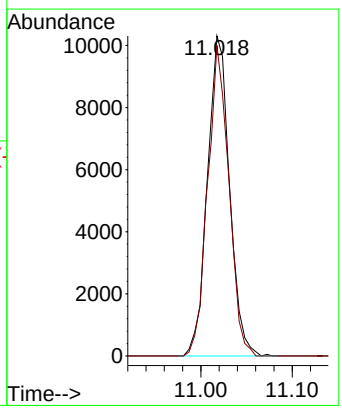


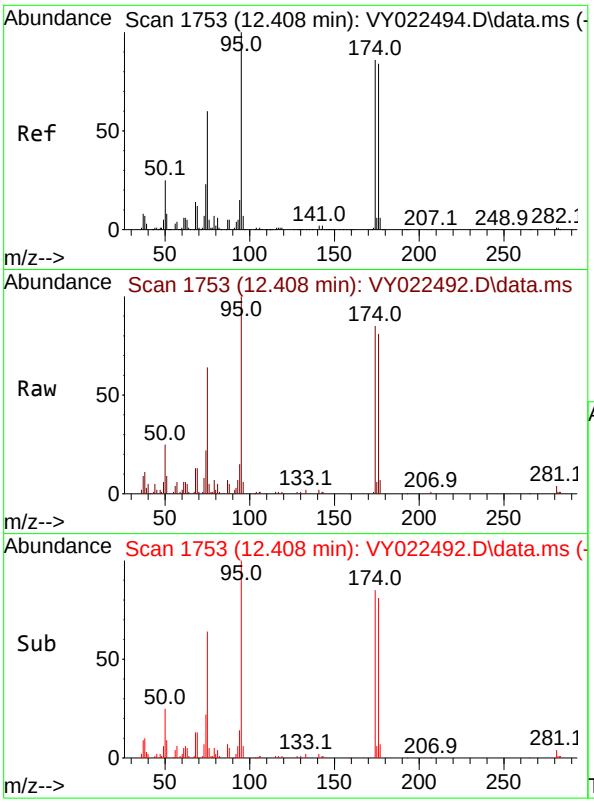


#61
1,2-Dibromoethane
Concen: 10.847 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:107 Resp: 17302

Ion	Ratio	Lower	Upper
107	100		
109	93.0	77.7	116.5



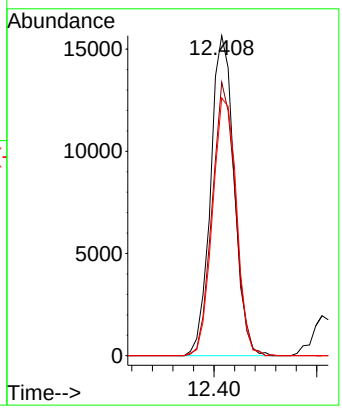


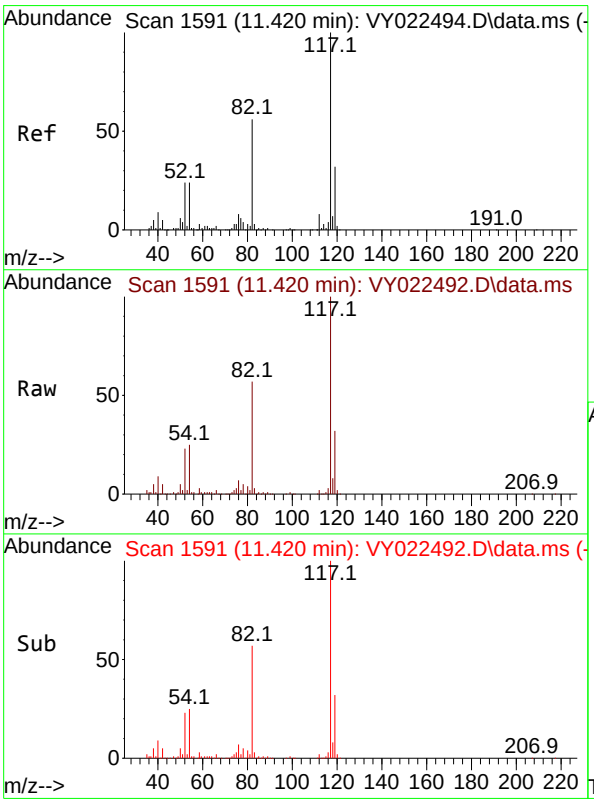
#62
4-Bromofluorobenzene
Concen: 9.409 ug/l
RT: 12.408 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 95 Resp: 24870

Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	170.0
176	82.2	0.0	166.2

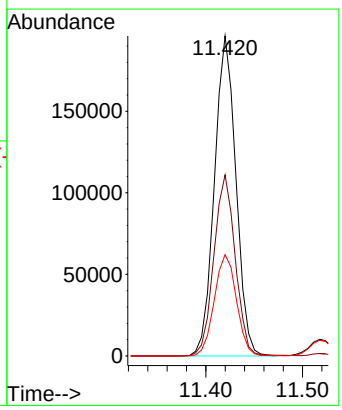


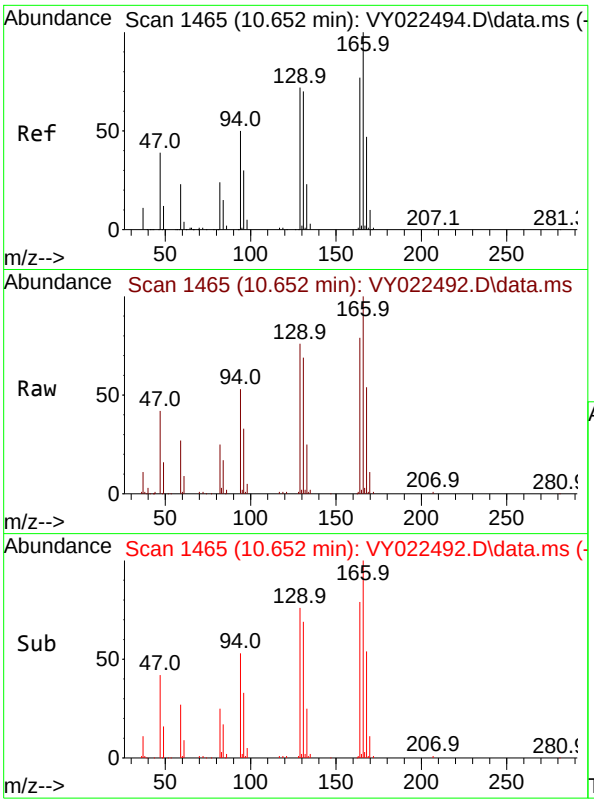


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:117 Resp: 302825

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	66.8
119	31.7	25.4	38.0



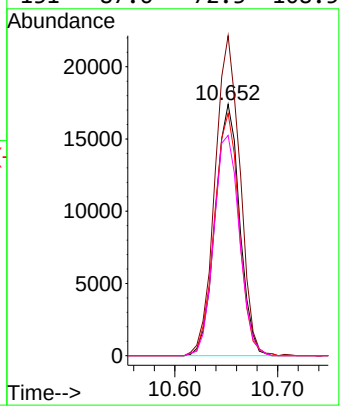


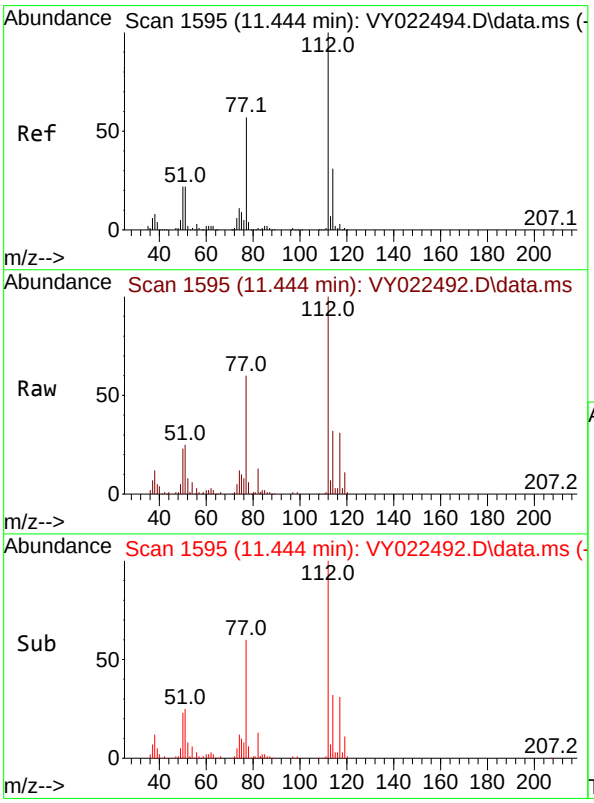
#64
Tetrachloroethene
Concen: 11.144 ug/l
RT: 10.652 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:164 Resp: 28680

Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.0	156.0
129	96.5	74.5	111.7
131	87.6	72.3	108.5

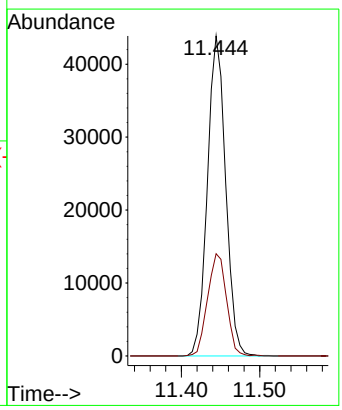


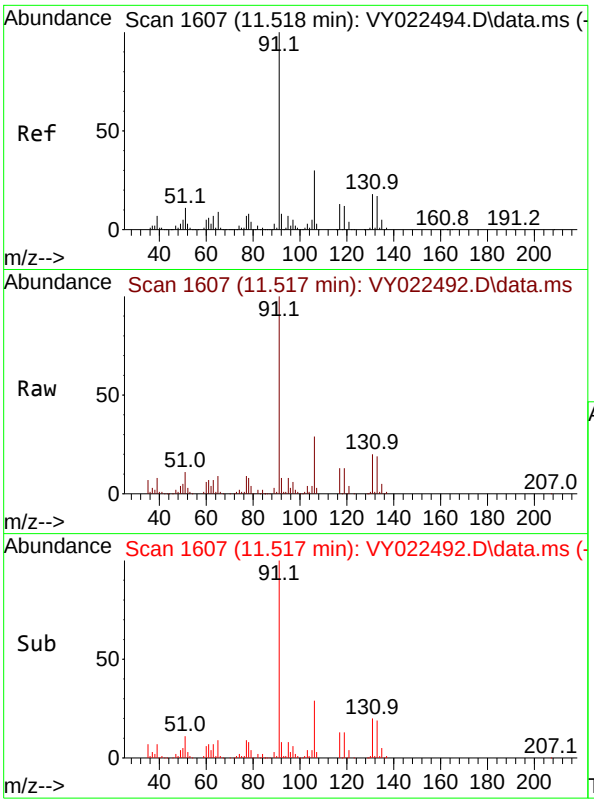


#65
Chlorobenzene
Concen: 10.789 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:112 Resp: 70845

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.0	37.6



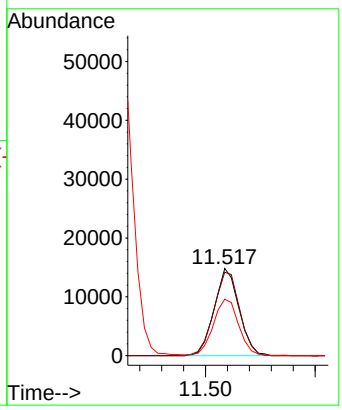


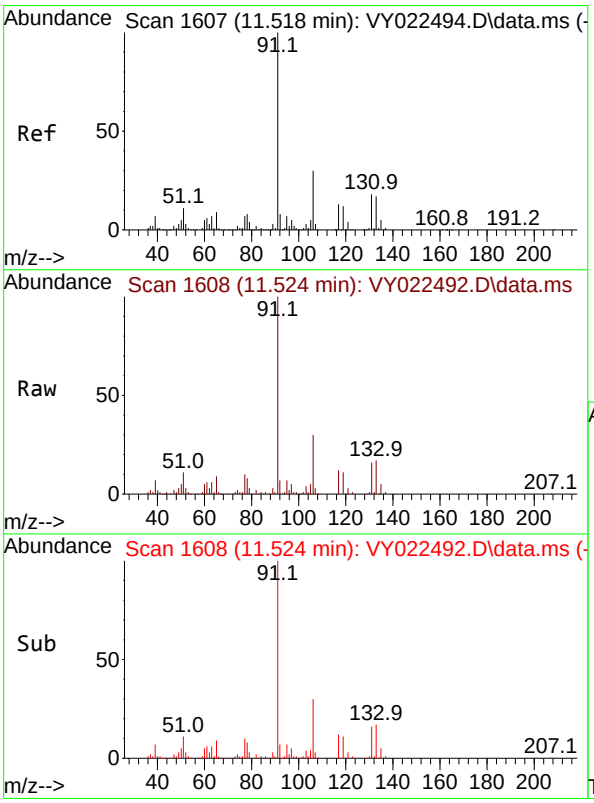
#66
1,1,1,2-Tetrachloroethane
Concen: 10.427 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:131 Resp: 23209

Ion	Ratio	Lower	Upper
131	100		
133	100.5	47.3	141.8
119	66.5	33.1	99.3

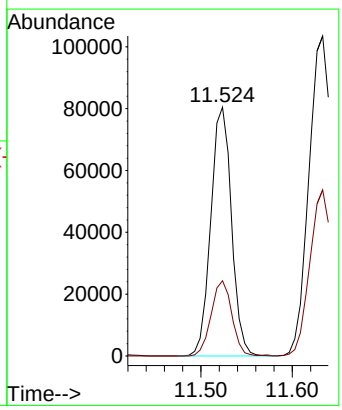


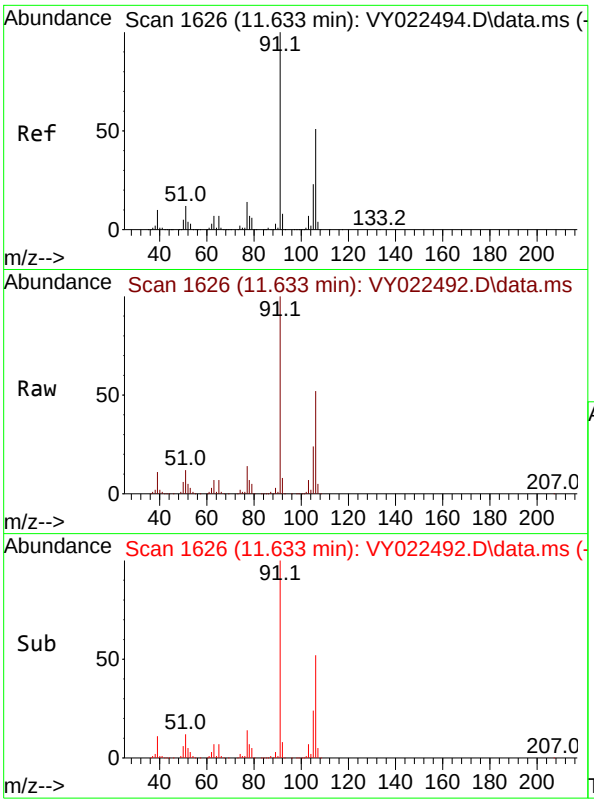


#67
Ethyl Benzene
Concen: 10.350 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 126556

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4



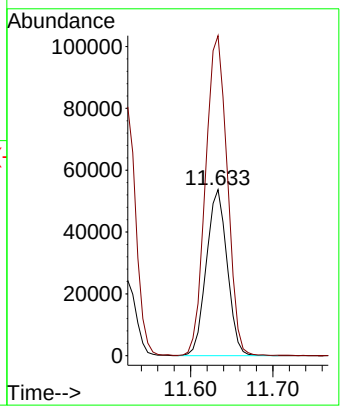


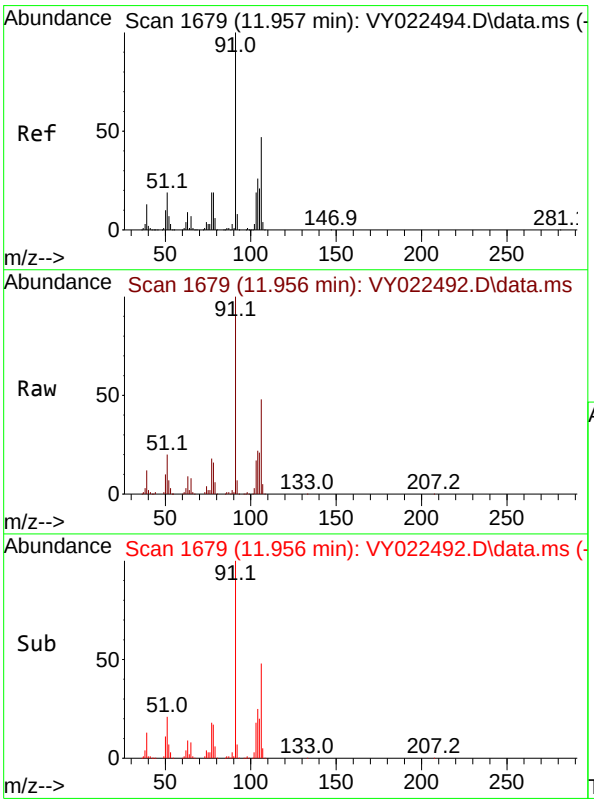
#68
m/p-Xylenes
Concen: 20.427 ug/l
RT: 11.633 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 94535

Ion	Ratio	Lower	Upper
106	100		
91	200.7	159.4	239.0

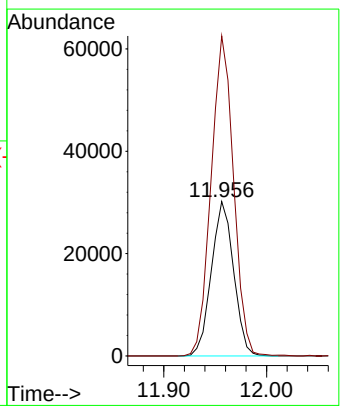


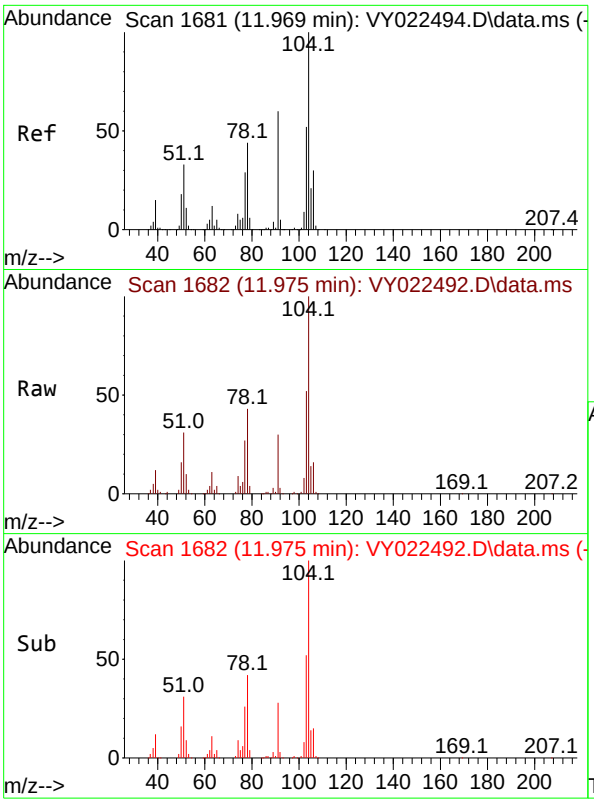


#69
o-Xylene
Concen: 10.476 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:106 Resp: 45374

Ion	Ratio	Lower	Upper
106	100		
91	209.3	105.8	317.3



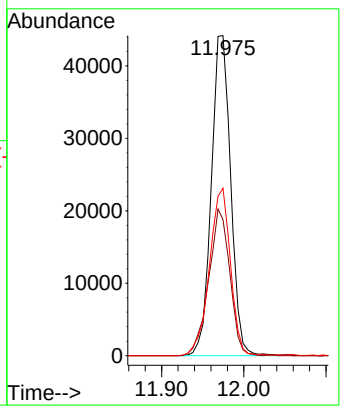


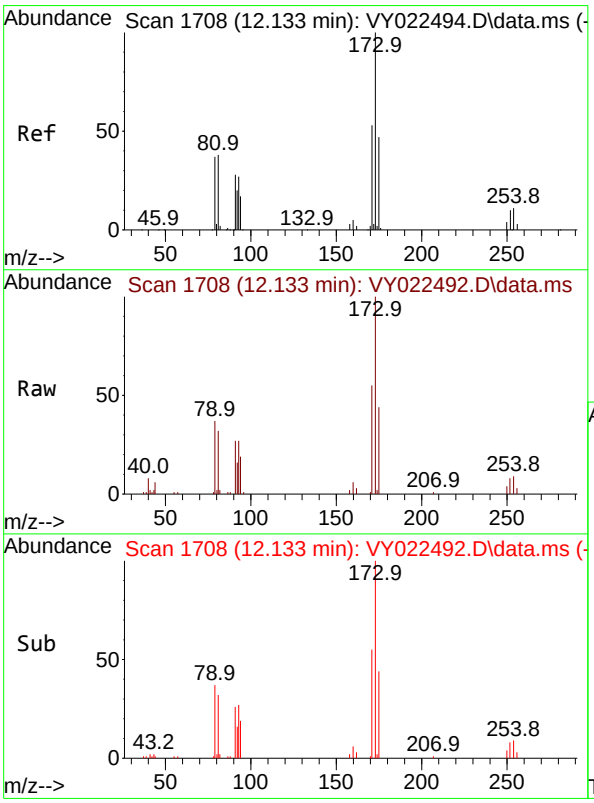
#70
Styrene
Concen: 10.092 ug/l
RT: 11.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:104 Resp: 72373

Ion	Ratio	Lower	Upper
104	100		
78	49.8	39.5	59.3
103	56.9	44.1	66.1

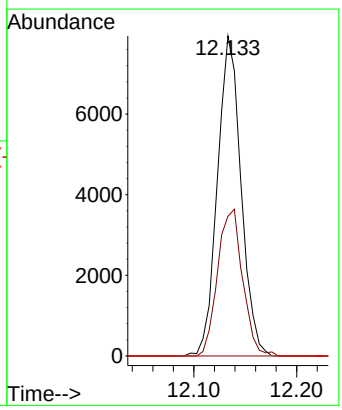


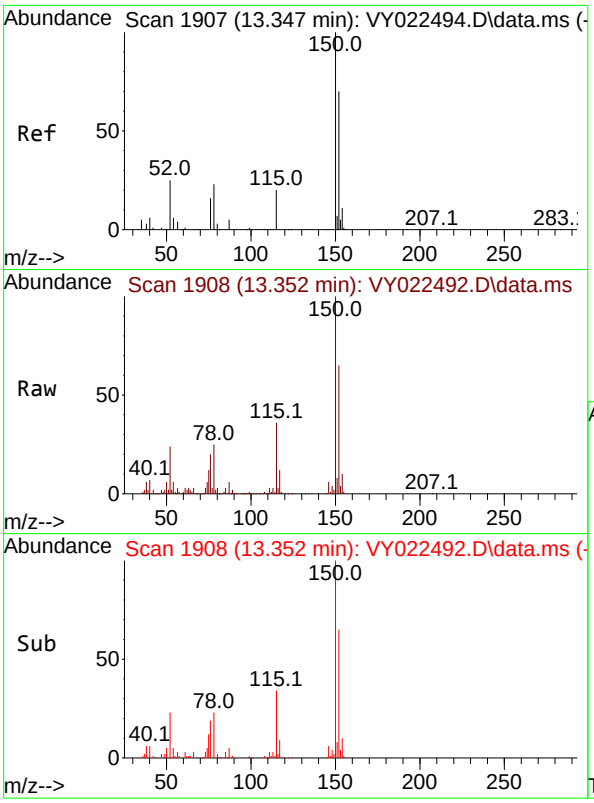


#71
Bromoform
Concen: 10.804 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:173 Resp: 12637

Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.5
254	0.0	0.0	0.0



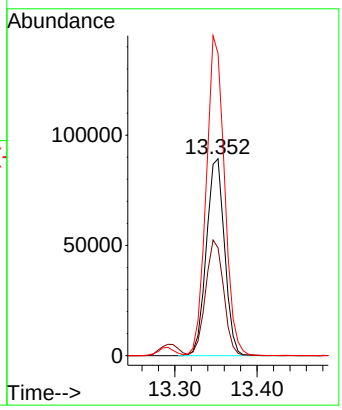


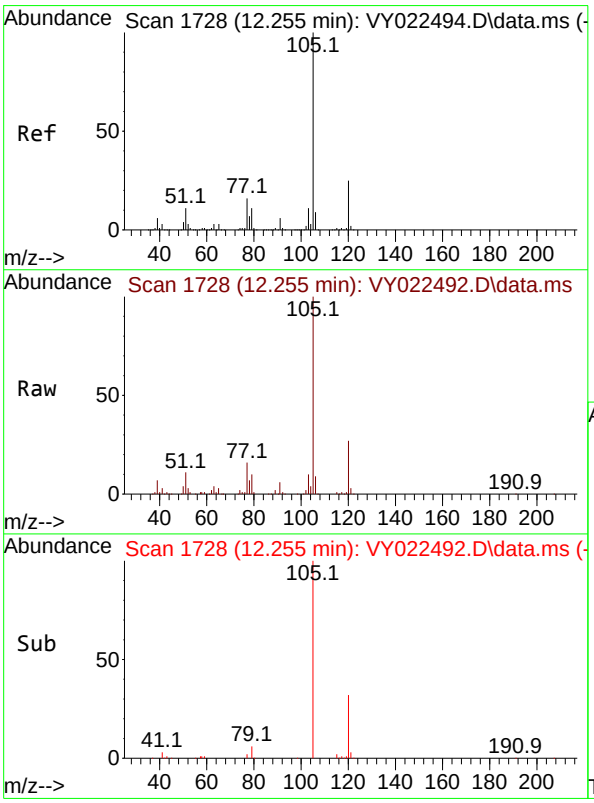
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:152 Resp: 137338

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.9	86.7
150	162.7	0.0	349.6

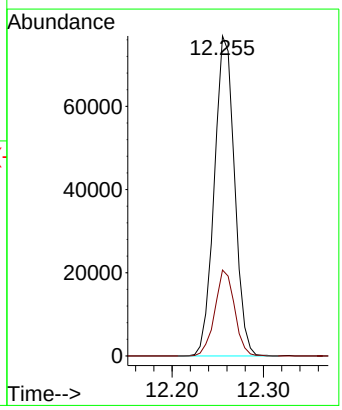


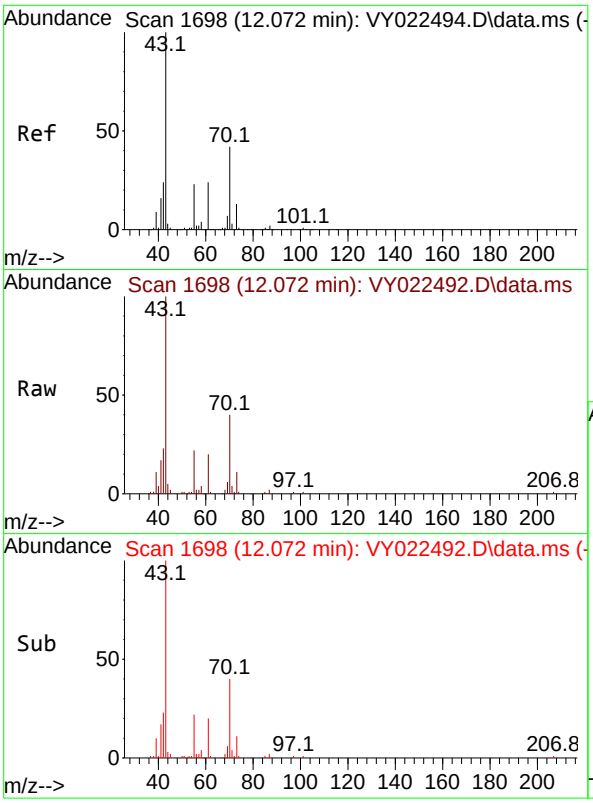


#73
Isopropylbenzene
Concen: 10.695 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:105 Resp: 118344

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9



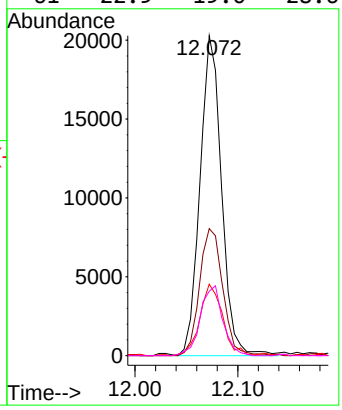


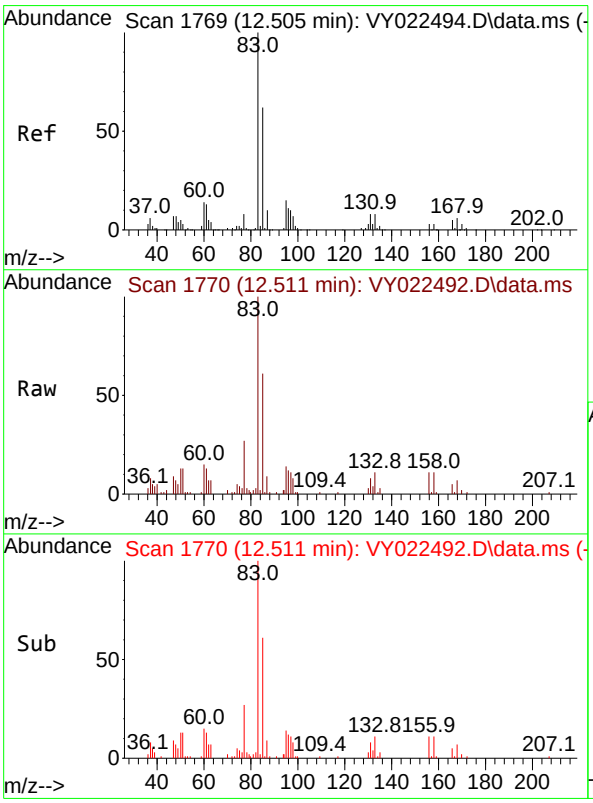
#74
N-amyl acetate
Concen: 10.581 ug/l
RT: 12.072 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 29609

Ion	Ratio	Lower	Upper
43	100		
70	42.8	34.2	51.2
55	23.8	18.2	27.4
61	22.9	19.0	28.6

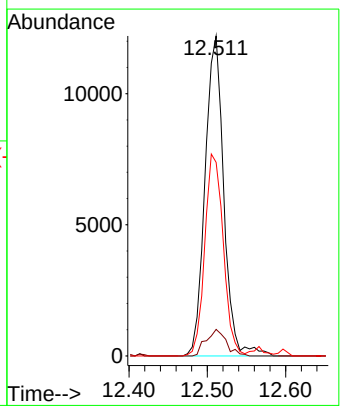


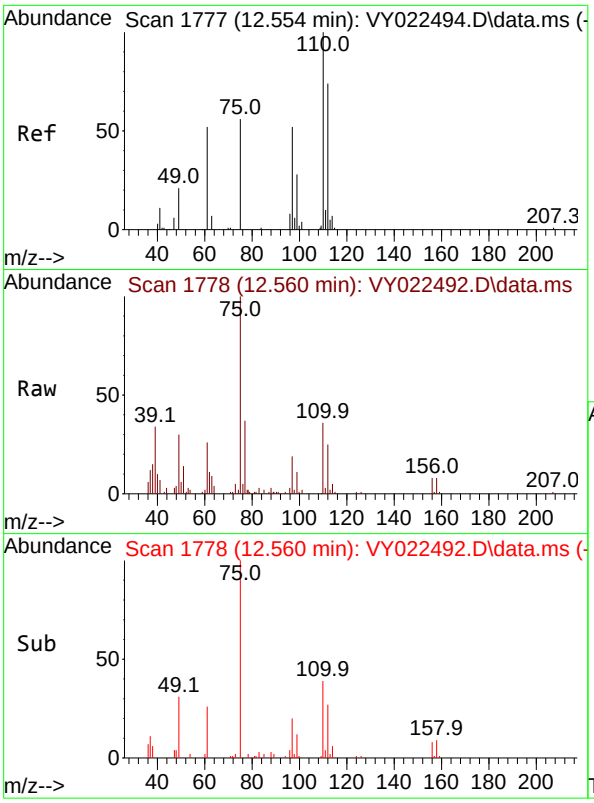


#75
1,1,2,2-Tetrachloroethane
Concen: 11.276 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 20264

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.9	14.7
85	62.2	32.6	97.8



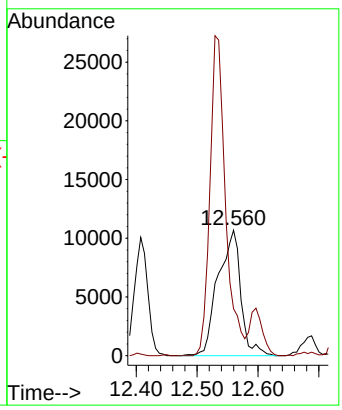


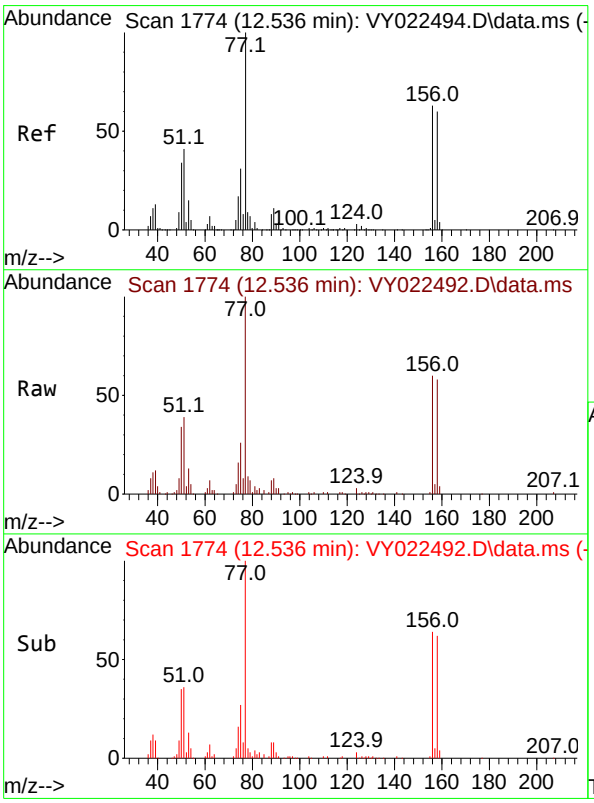
#76
1,2,3-Trichloropropane
Concen: 15.277 ug/l
RT: 12.560 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 27698

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

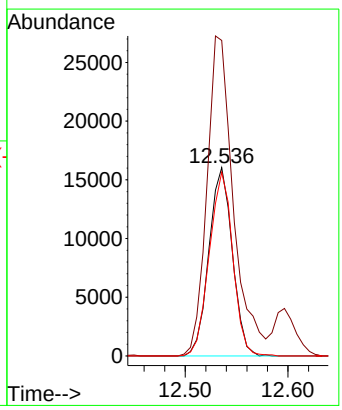


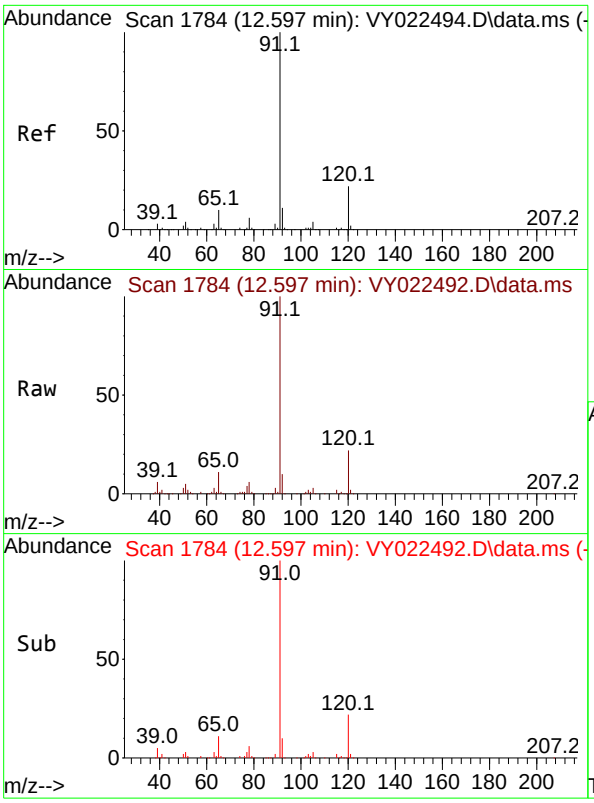


#77
Bromobenzene
Concen: 10.827 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:156 Resp: 25392

Ion	Ratio	Lower	Upper
156	100		
77	191.7	94.0	282.1
158	97.6	48.2	144.6



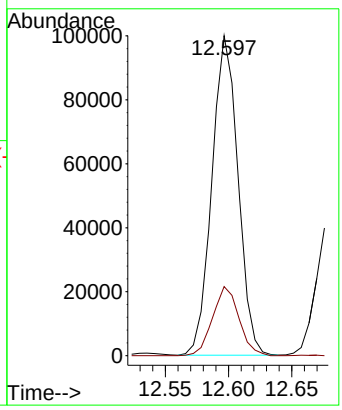


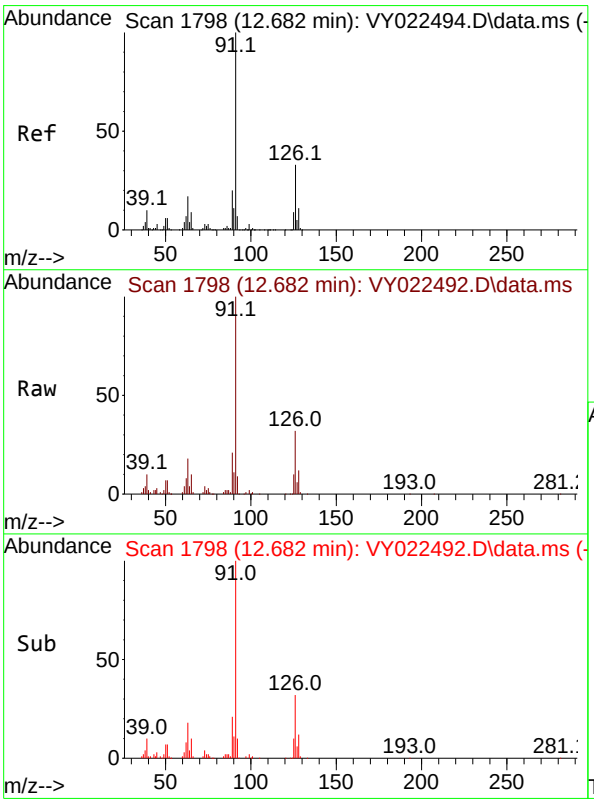
#78
n-propylbenzene
Concen: 10.648 ug/l
RT: 12.597 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 143414

Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.8	32.4

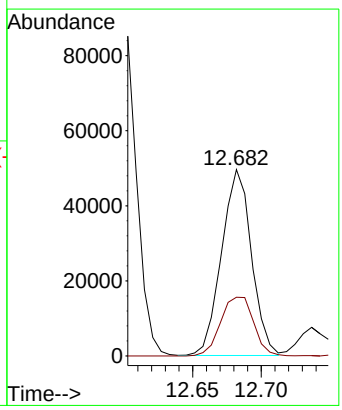


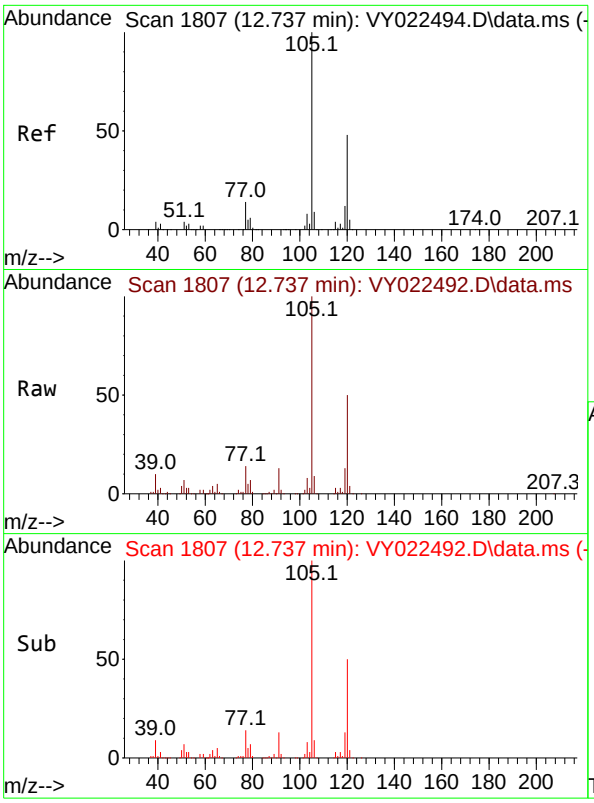


#79
2-Chlorotoluene
Concen: 10.591 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 75325

Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.0	51.0



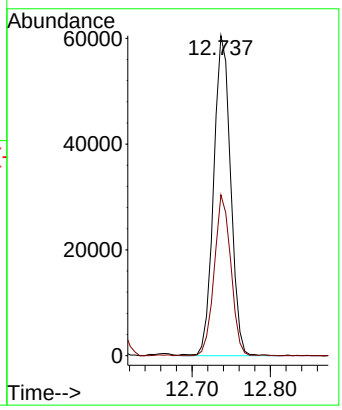


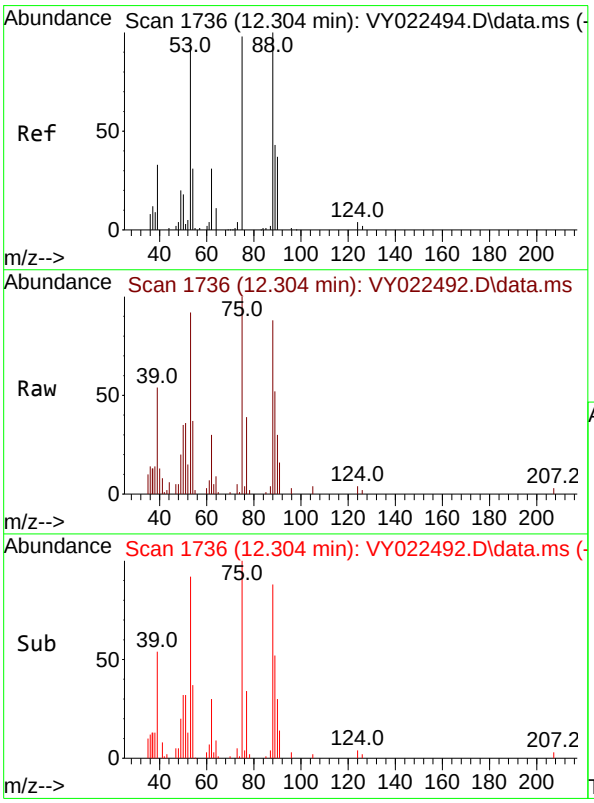
#80
1,3,5-Trimethylbenzene
Concen: 10.532 ug/l
RT: 12.737 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 91121

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.1	72.4

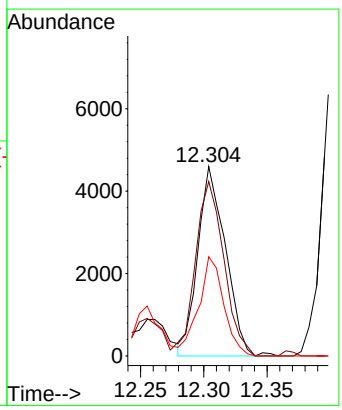


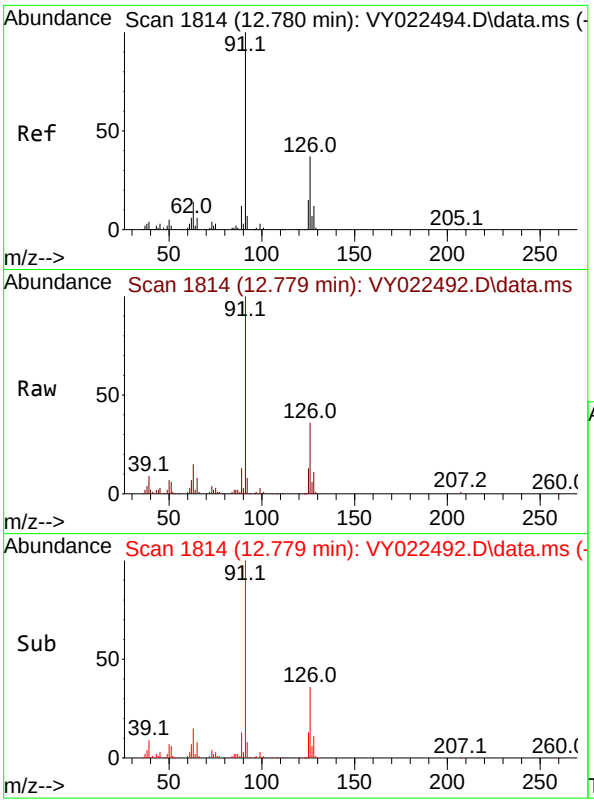


#81
trans-1,4-Dichloro-2-butene
Concen: 11.084 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 7009

Ion	Ratio	Lower	Upper
75	100		
53	94.7	78.5	117.7
89	47.6	35.7	53.5



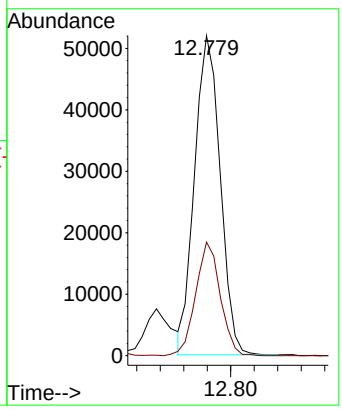


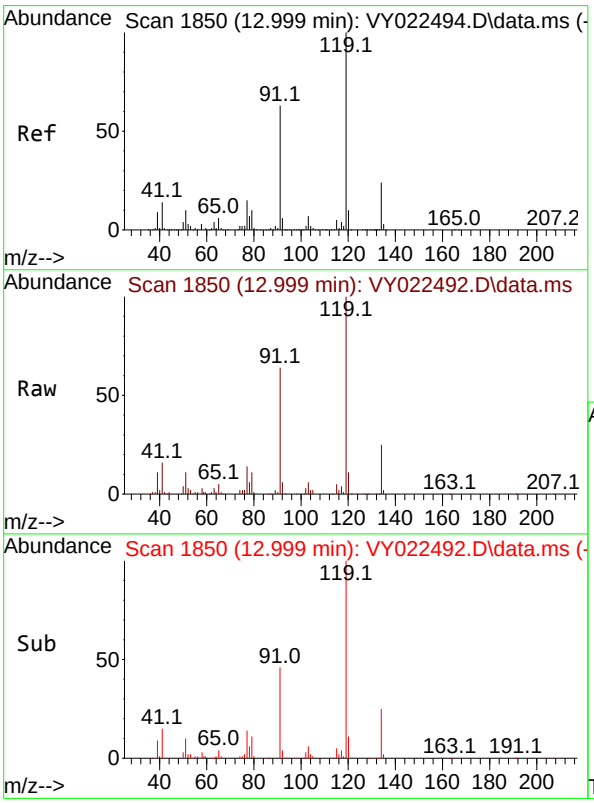
#82
4-Chlorotoluene
Concen: 10.676 ug/l
RT: 12.779 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 78689

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9

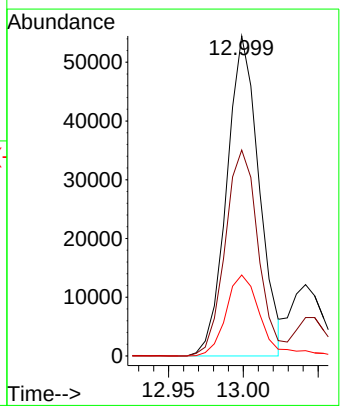


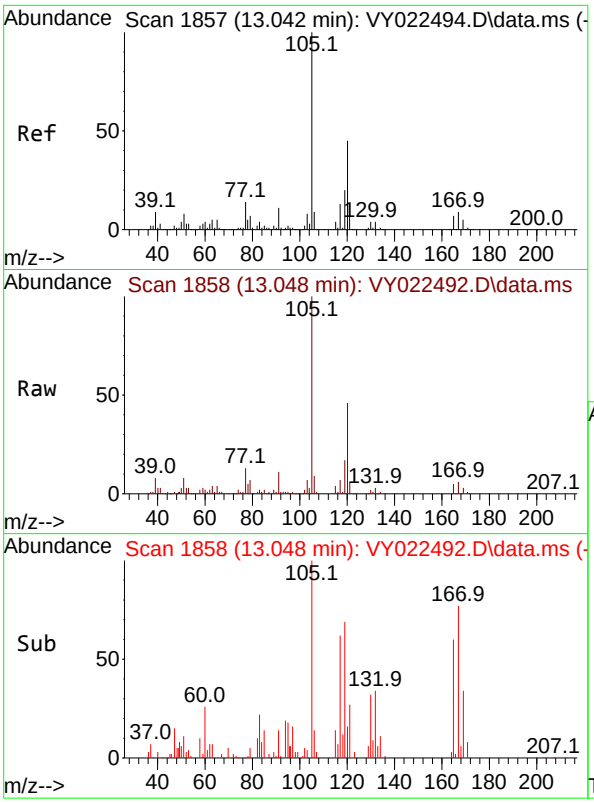


#83
tert-Butylbenzene
Concen: 10.367 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:119 Resp: 81823

Ion	Ratio	Lower	Upper
119	100		
91	66.3	32.1	96.3
134	27.2	13.0	38.9



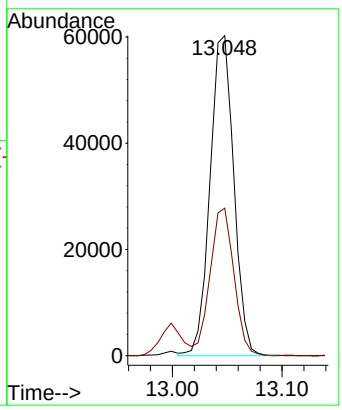


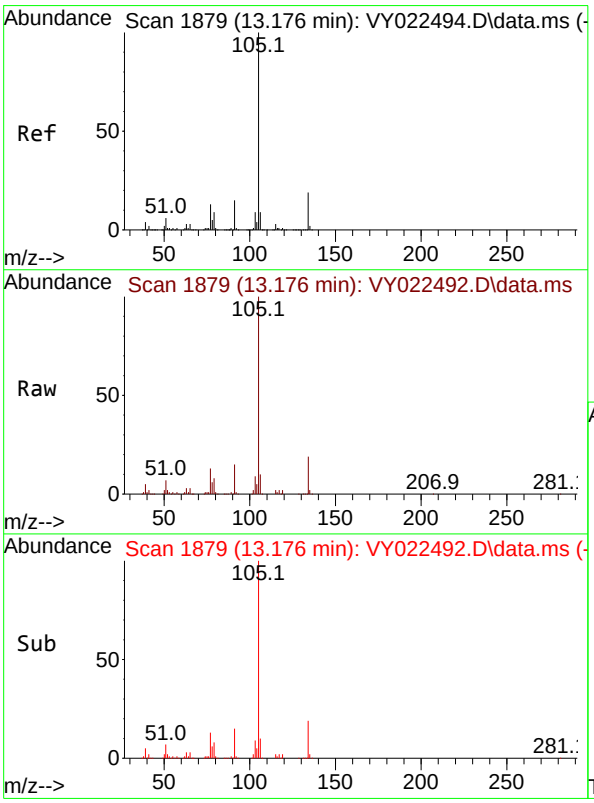
#84
1,2,4-Trimethylbenzene
Concen: 10.495 ug/l
RT: 13.048 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 90848

Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.7	68.1

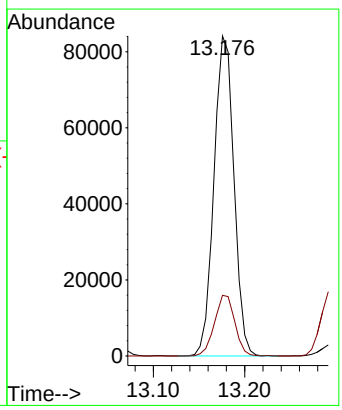


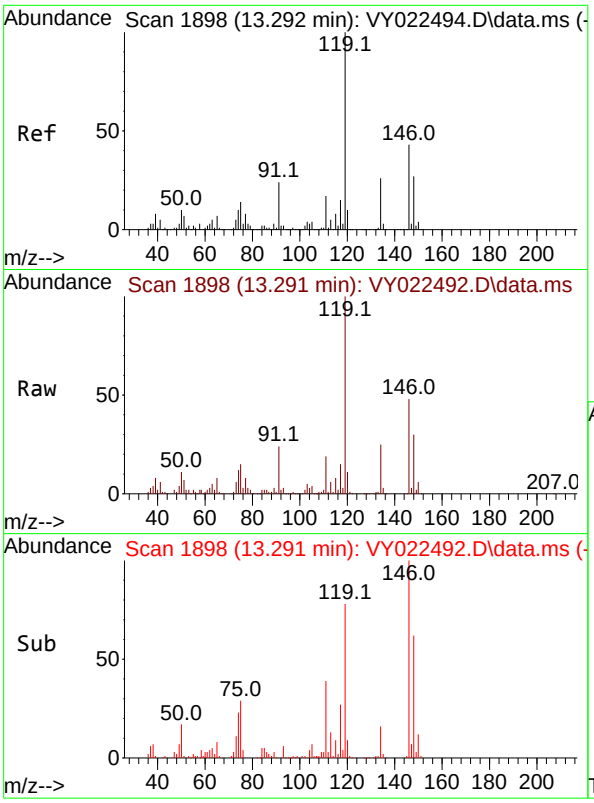


#85
sec-Butylbenzene
Concen: 10.678 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:105 Resp: 127776

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



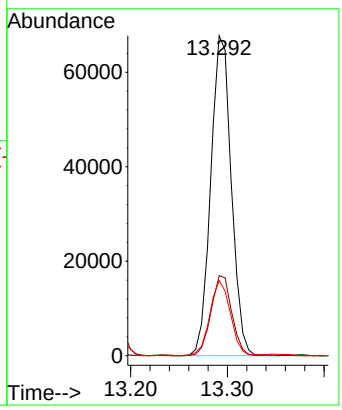


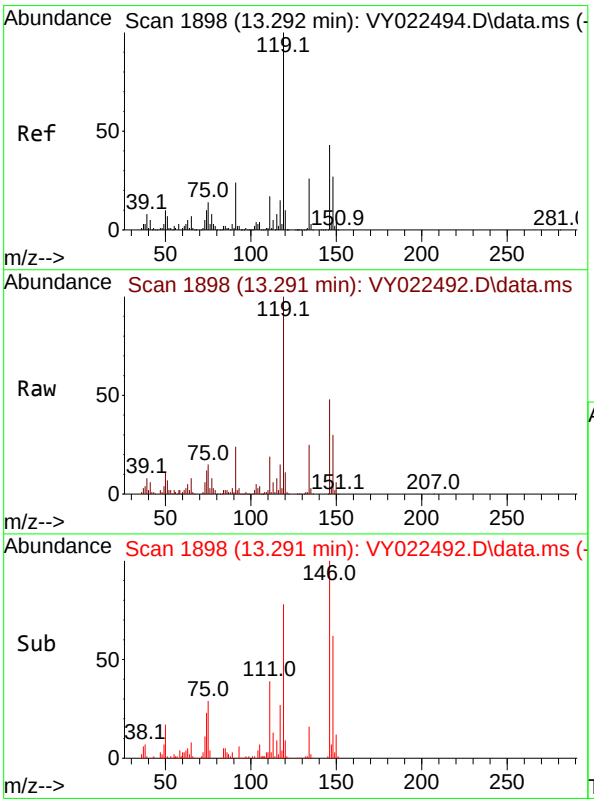
#86
p-Isopropyltoluene
Concen: 10.158 ug/l
RT: 13.291 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:119 Resp: 99940

Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.1	39.1
91	23.5	11.6	34.8

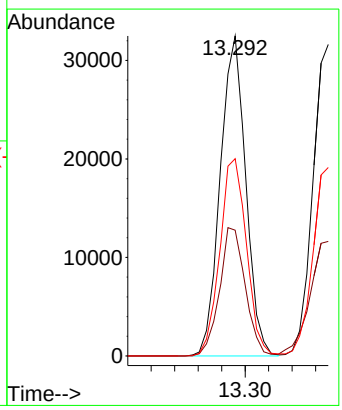


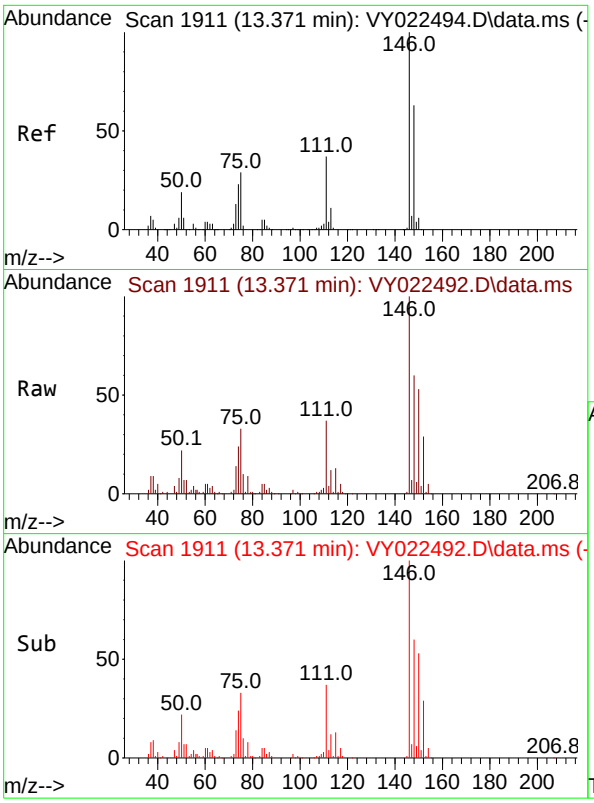


#87
1,3-Dichlorobenzene
Concen: 10.437 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:146 Resp: 48971

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	64.6	32.1	96.3



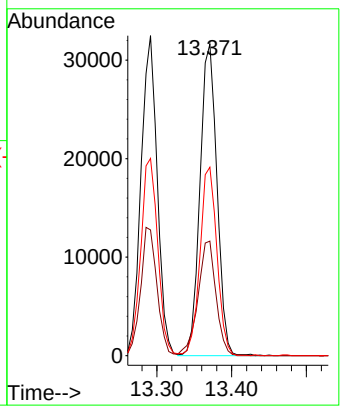


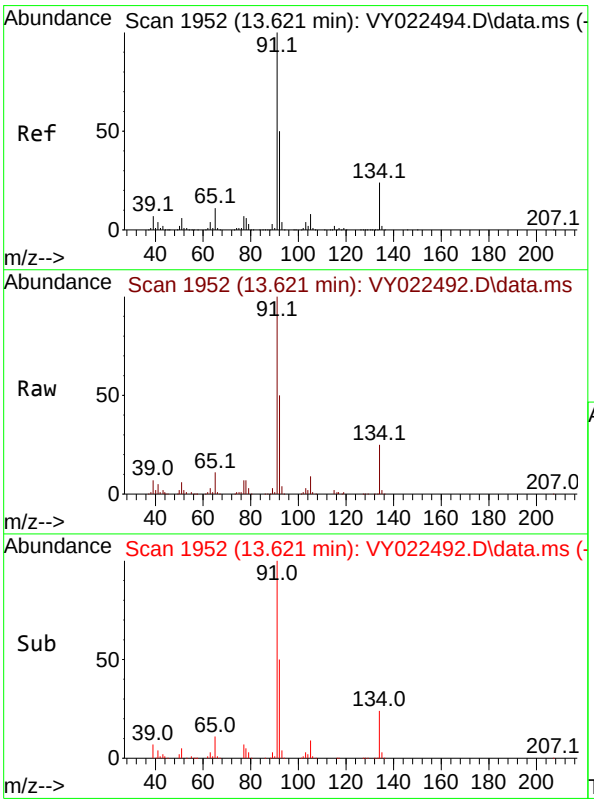
#88
1,4-Dichlorobenzene
Concen: 10.900 ug/l
RT: 13.371 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 49834

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.2
148	60.6	31.6	94.8

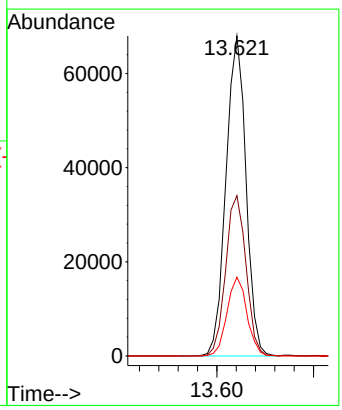


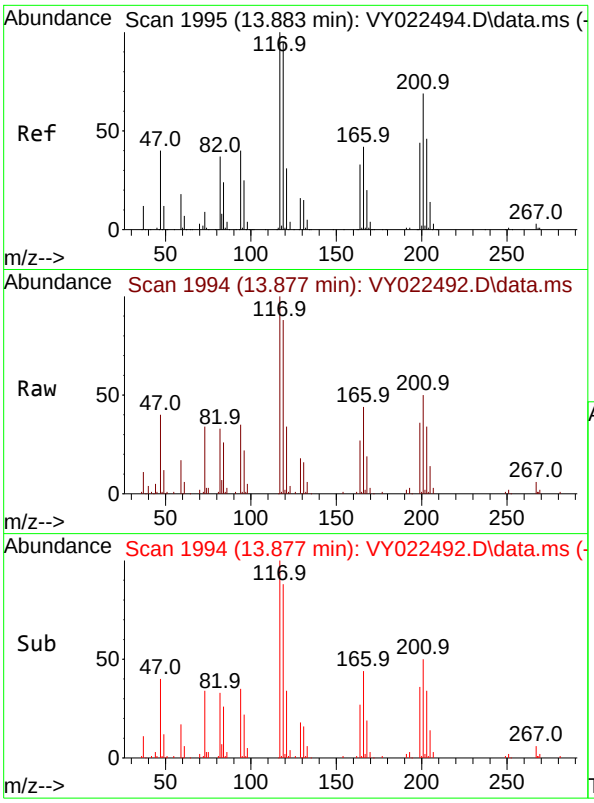


#89
n-Butylbenzene
Concen: 10.413 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 97544

Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.9	77.8
134	24.6	12.0	36.1



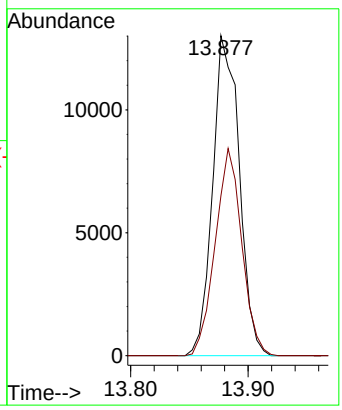


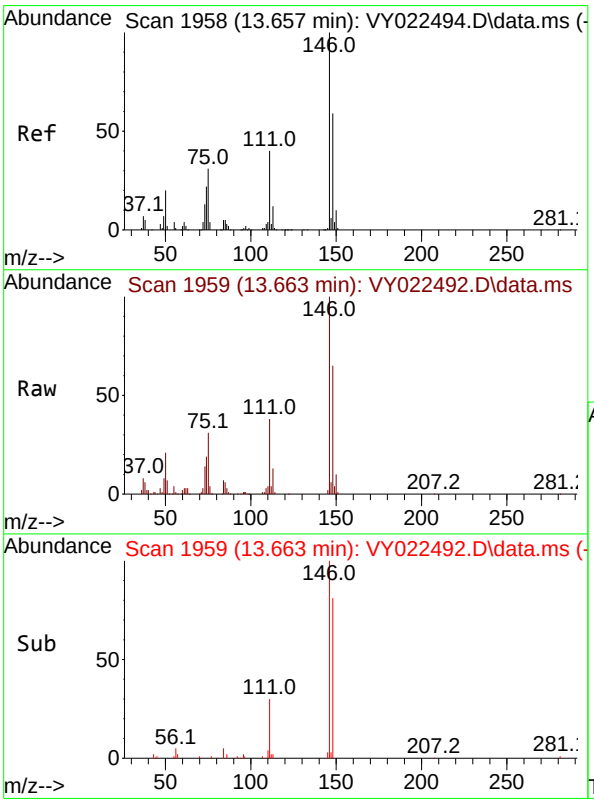
#90
Hexachloroethane
Concen: 10.631 ug/l
RT: 13.877 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:117 Resp: 20466

Ion	Ratio	Lower	Upper
117	100		
201	64.9	34.0	102.0

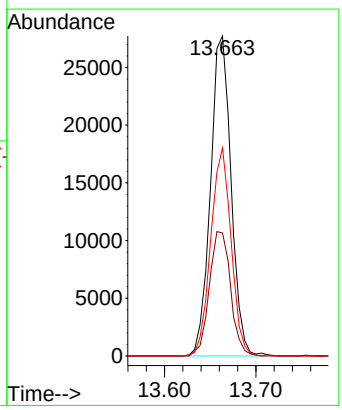


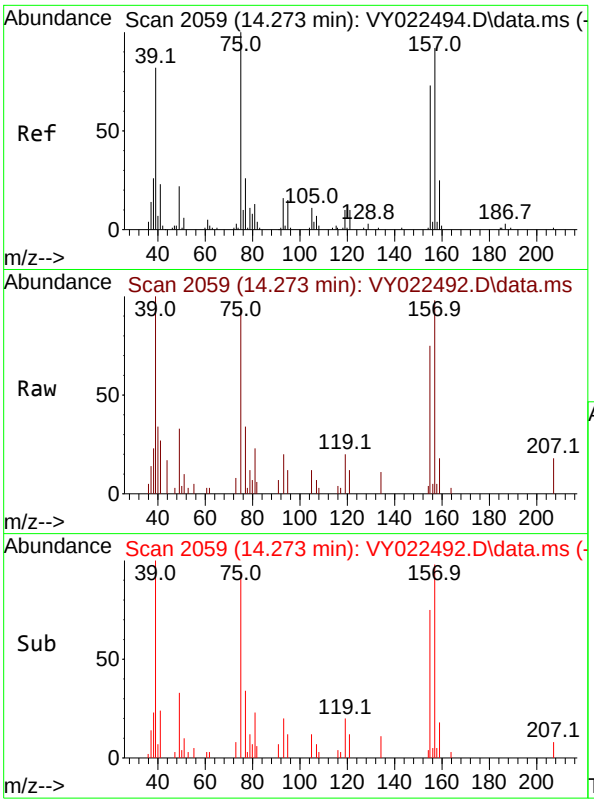


#91
1,2-Dichlorobenzene
Concen: 10.781 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:146 Resp: 43460

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	64.0	31.4	94.0



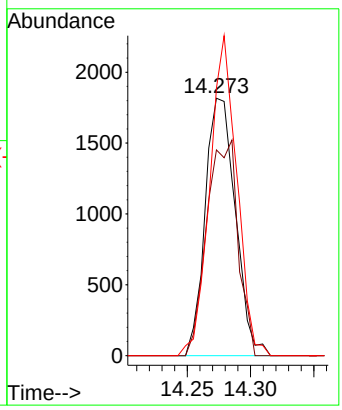


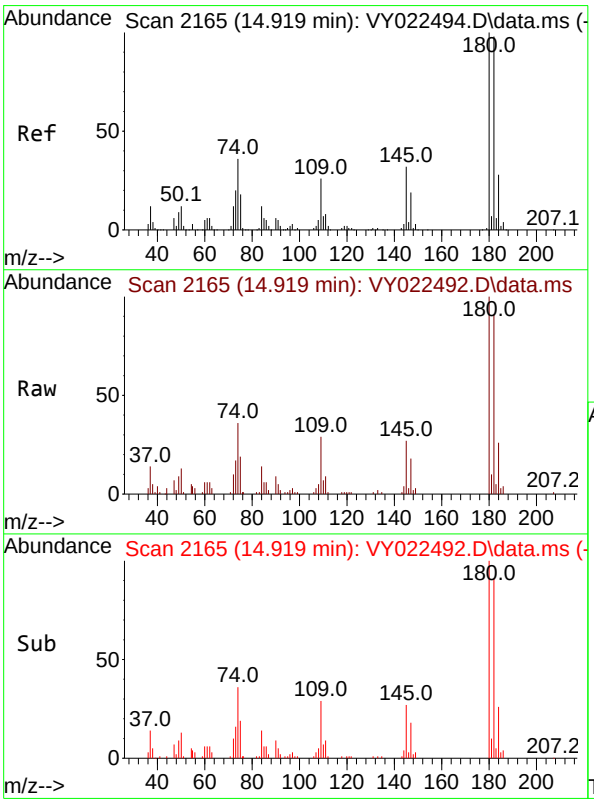
#92
1,2-Dibromo-3-Chloropropane
Concen: 11.095 ug/l
RT: 14.273 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 3014

Ion	Ratio	Lower	Upper
75	100		
155	86.2	39.9	119.6
157	111.3	54.0	162.0

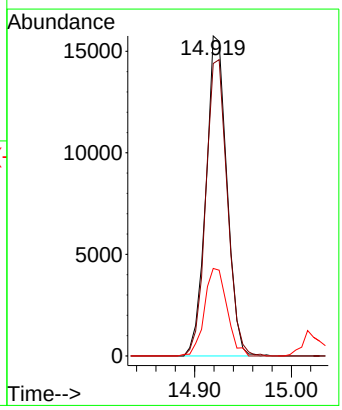


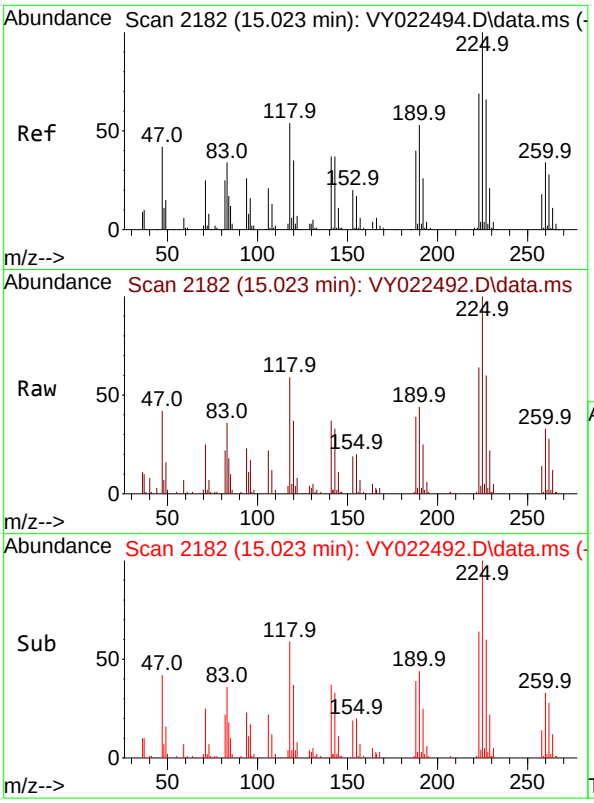


#93
1,2,4-Trichlorobenzene
Concen: 10.760 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:180 Resp: 23710

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.3
145	29.5	15.5	46.5



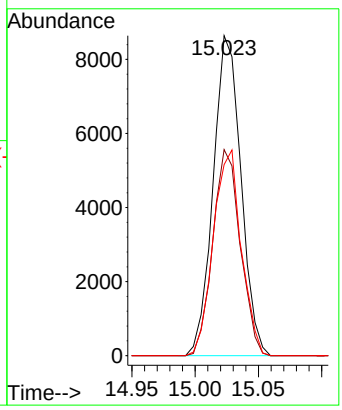


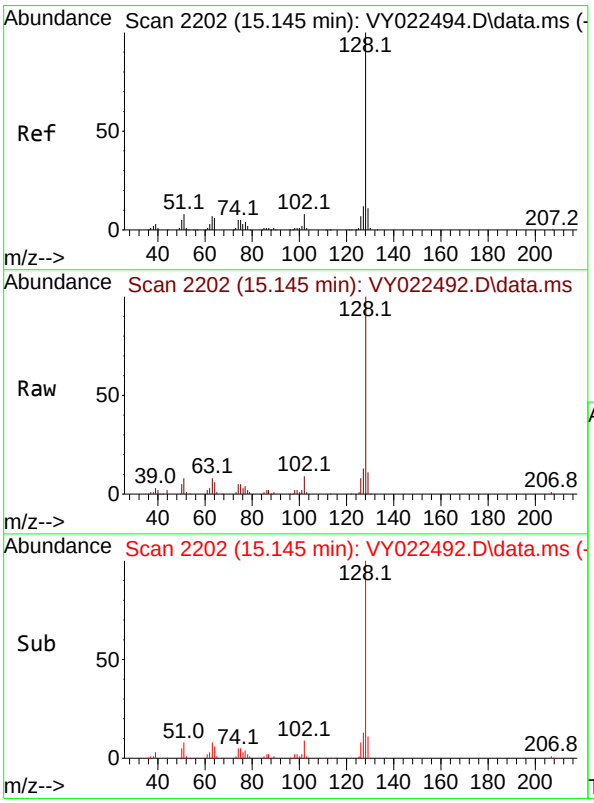
#94
Hexachlorobutadiene
Concen: 10.951 ug/l
RT: 15.023 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:225 Resp: 13179

Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.5	97.4
227	64.7	32.3	96.9

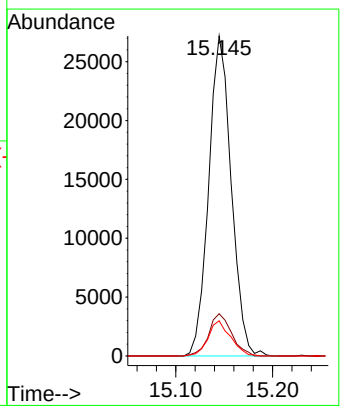


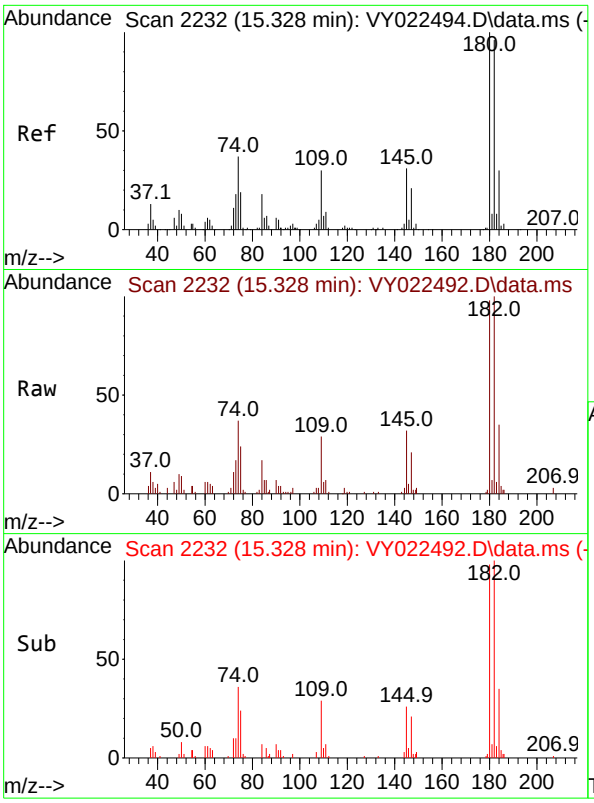


#95
Naphthalene
Concen: 10.434 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:128 Resp: 44061

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.9	8.9	13.3



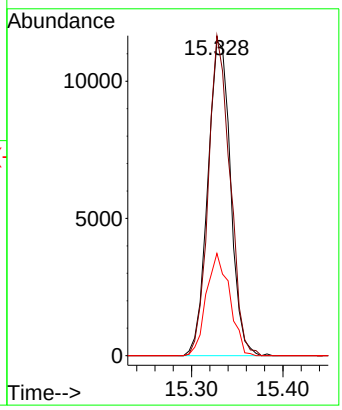


#96
1,2,3-Trichlorobenzene
Concen: 10.581 ug/l
RT: 15.328 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:180 Resp: 19814

Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.1	141.3
145	33.5	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	217359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	369398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	314276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48383	20.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.920%#		
35) Dibromofluoromethane	7.640	113	44482	20.456	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.920%#		
50) Toluene-d8	10.109	98	171165	19.474	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.940%#		
62) 4-Bromofluorobenzene	12.408	95	51231	19.225	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	43056	22.669	ug/l	99
3) Chloromethane	2.068	50	124441	22.209	ug/l	98
4) Vinyl Chloride	2.208	62	143182	21.833	ug/l	99
5) Bromomethane	2.592	94	148203	23.891	ug/l	99
6) Chloroethane	2.739	64	104116	23.188	ug/l	98
7) Trichlorofluoromethane	3.056	101	124370	22.320	ug/l	94
8) Diethyl Ether	3.458	74	27359	22.230	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	49746	21.283	ug/l	99
10) Methyl Iodide	4.013	142	52917	21.112	ug/l	99
11) Tert butyl alcohol	4.891	59	19456	115.163	ug/l	96
12) 1,1-Dichloroethene	3.793	96	47770	21.411	ug/l	100
13) Acrolein	3.659	56	22974	111.404	ug/l	98
14) Allyl chloride	4.391	41	73926	21.263	ug/l	98
15) Acrylonitrile	5.073	53	57803	110.420	ug/l	97
16) Acetone	3.885	43	52330	111.925	ug/l	99
17) Carbon Disulfide	4.110	76	150515	21.130	ug/l	99
18) Methyl Acetate	4.397	43	34419	24.470	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	136549	21.935	ug/l	98
20) Methylene Chloride	4.622	84	55399	21.222	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	53194	21.342	ug/l	93
22) Diisopropyl ether	6.031	45	168064	21.739	ug/l	97
23) Vinyl Acetate	5.970	43	497937	108.569	ug/l	99
24) 1,1-Dichloroethane	5.927	63	97760	21.392	ug/l	97
25) 2-Butanone	6.902	43	77329	112.124	ug/l	93
26) 2,2-Dichloropropane	6.890	77	84543	20.811	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	61362	21.300	ug/l	98
28) Bromochloromethane	7.256	49	41634	21.085	ug/l	99
29) Tetrahydrofuran	7.268	42	49517	111.296	ug/l	99
30) Chloroform	7.427	83	96414	21.350	ug/l	96
31) Cyclohexane	7.707	56	95487	20.762	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	84365	20.905	ug/l	99
36) 1,1-Dichloropropene	7.841	75	72658	20.670	ug/l	98
37) Ethyl Acetate	6.988	43	34204	22.110	ug/l	98
38) Carbon Tetrachloride	7.823	117	73370	20.247	ug/l	93
39) Methylcyclohexane	9.115	83	95280	20.065	ug/l	97
40) Benzene	8.085	78	217595	21.000	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	19470	19.542	ug/l		95
42) 1,2-Dichloroethane	8.164	62	61097	21.676	ug/l		98
43) Isopropyl Acetate	8.201	43	73745	21.814	ug/l		97
44) Trichloroethene	8.872	130	52175	20.613	ug/l		98
45) 1,2-Dichloropropane	9.146	63	52378	21.204	ug/l		99
46) Dibromomethane	9.237	93	29741	21.491	ug/l		99
47) Bromodichloromethane	9.426	83	73717	20.995	ug/l		99
48) Methyl methacrylate	9.225	41	34508	22.294	ug/l		99
49) 1,4-Dioxane	9.237	88	7444	450.895	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	181461	108.147	ug/l		98
52) Toluene	10.176	92	133601	20.508	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	70358	21.660	ug/l		95
54) cis-1,3-Dichloropropene	9.859	75	80524	21.141	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	38079	21.849	ug/l		98
56) Ethyl methacrylate	10.444	69	54734	21.626	ug/l		99
57) 1,3-Dichloropropane	10.719	76	66163	21.317	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.713	63	118244	104.797	ug/l		100
59) 2-Hexanone	10.761	43	122817	109.805	ug/l		99
60) Dibromochloromethane	10.914	129	47952	21.715	ug/l		98
61) 1,2-Dibromoethane	11.018	107	35324	21.965	ug/l		95
64) Tetrachloroethene	10.652	164	56256	21.063	ug/l		99
65) Chlorobenzene	11.444	112	138583	20.336	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	47587	20.600	ug/l		98
67) Ethyl Benzene	11.524	91	252180	19.871	ug/l		100
68) m/p-Xylenes	11.633	106	192372	40.053	ug/l		99
69) o-Xylene	11.956	106	90598	20.155	ug/l		98
70) Styrene	11.969	104	149486	20.086	ug/l		98
71) Bromoform	12.133	173	25089	20.668	ug/l	#	99
73) Isopropylbenzene	12.255	105	236185	20.303	ug/l		99
74) N-amyl acetate	12.072	43	62437	21.224	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.511	83	39986	21.165	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	56811	29.805	ug/l	#	100
77) Bromobenzene	12.536	156	51416	20.853	ug/l		99
78) n-propylbenzene	12.597	91	286589	20.239	ug/l		99
79) 2-Chlorotoluene	12.682	91	153250	20.497	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	187101	20.570	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	13897	20.904	ug/l		97
82) 4-Chlorotoluene	12.779	91	154601	19.951	ug/l		99
83) tert-Butylbenzene	12.999	119	167512	20.188	ug/l		100
84) 1,2,4-Trimethylbenzene	13.048	105	184202	20.241	ug/l		100
85) sec-Butylbenzene	13.176	105	251350	19.979	ug/l		100
86) p-Isopropyltoluene	13.292	119	207417	20.054	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	99901	20.252	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	100082	20.823	ug/l		98
89) n-Butylbenzene	13.621	91	199786	20.287	ug/l		99
90) Hexachloroethane	13.883	117	41119	20.316	ug/l		100
91) 1,2-Dichlorobenzene	13.663	146	89355	21.085	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5939	20.796	ug/l		94
93) 1,2,4-Trichlorobenzene	14.925	180	46919	20.254	ug/l		99
94) Hexachlorobutadiene	15.023	225	25462	20.124	ug/l		99
95) Naphthalene	15.145	128	93203	20.994	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	41131	20.892	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

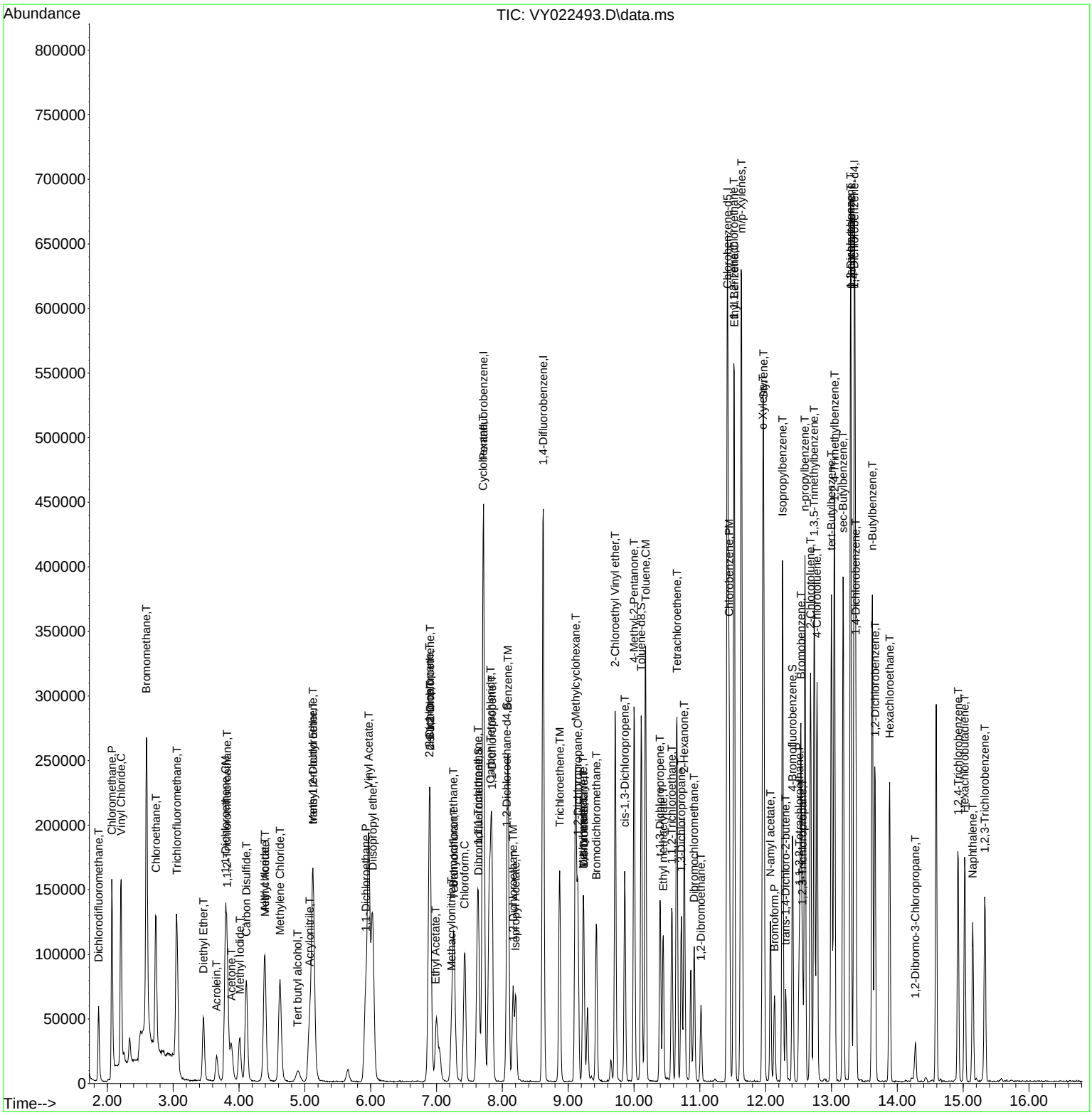
(#) = qualifier out of range (m) = manual integration (+) = signals summed

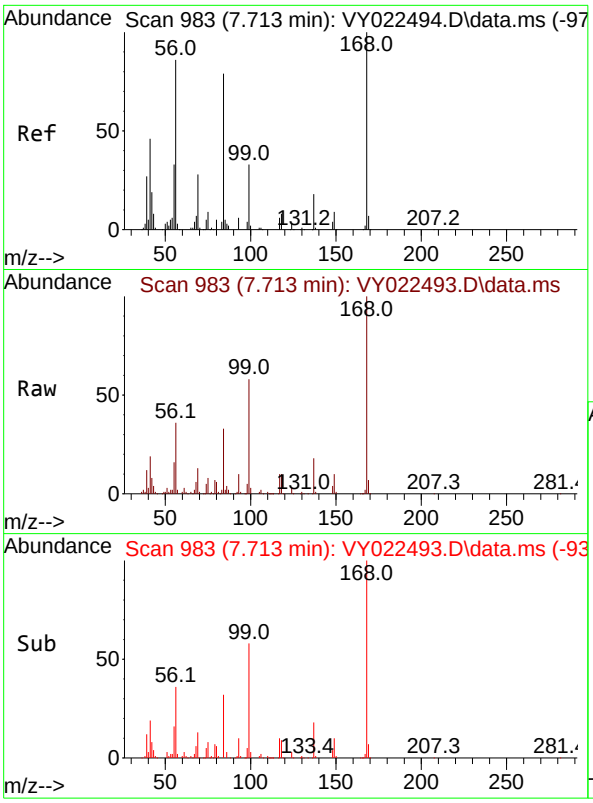
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



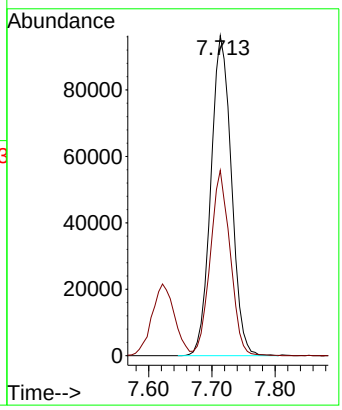


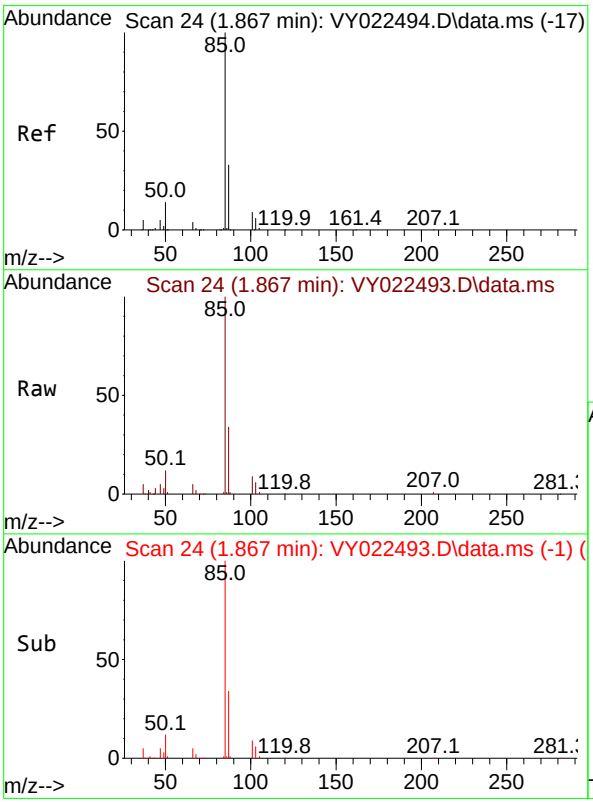
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 217359

Ion	Ratio	Lower	Upper
168	100		
99	57.8	44.3	66.5

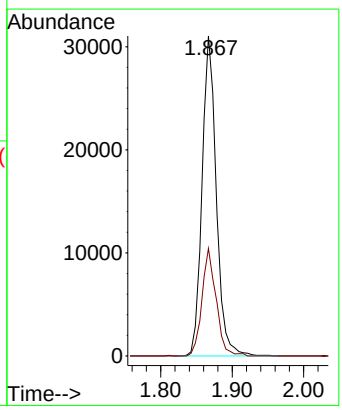


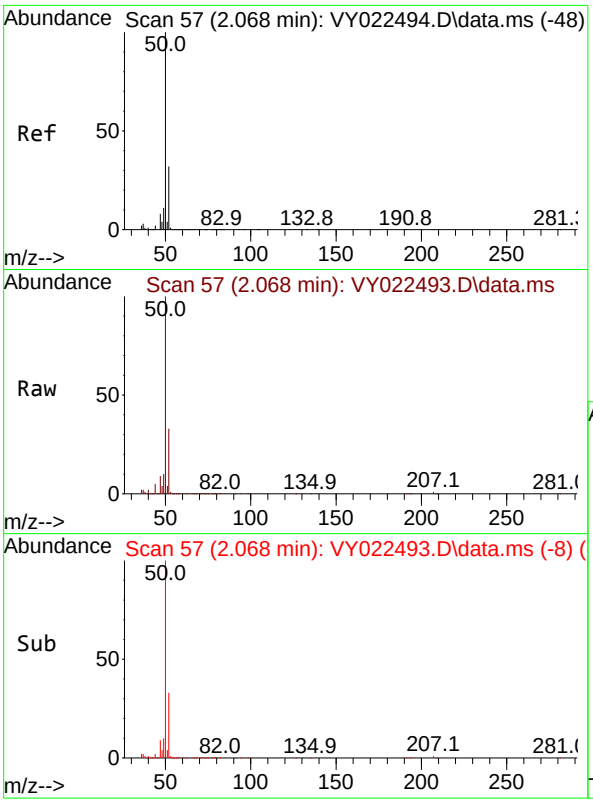


#2
Dichlorodifluoromethane
Concen: 22.669 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 85 Resp: 43056

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.7	50.0



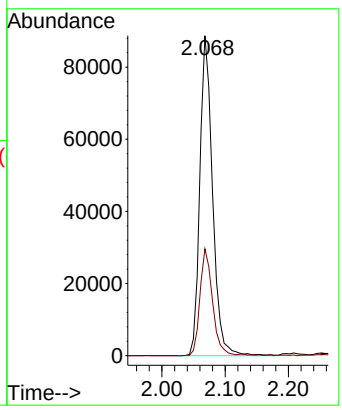


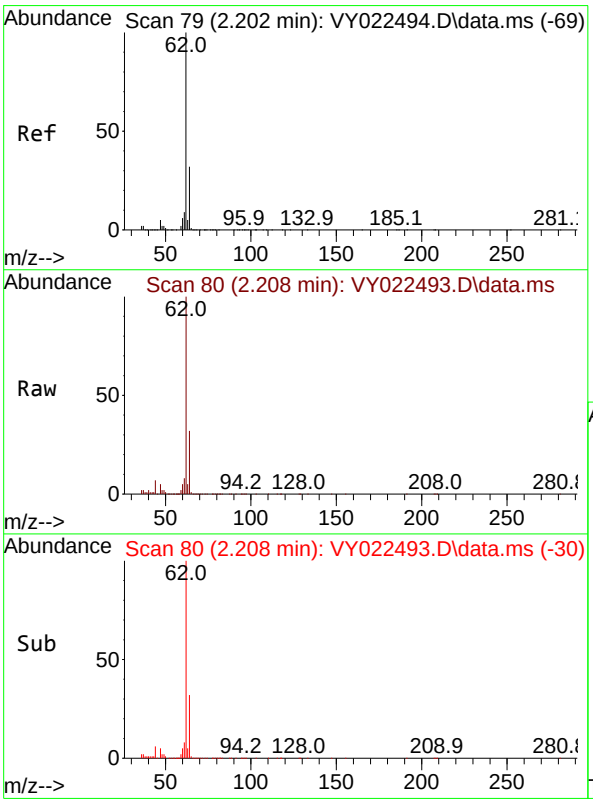
#3
Chloromethane
Concen: 22.209 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 124441

Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.0	39.0

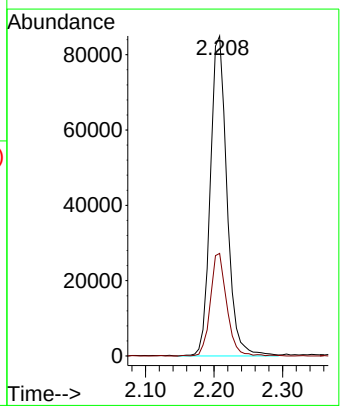


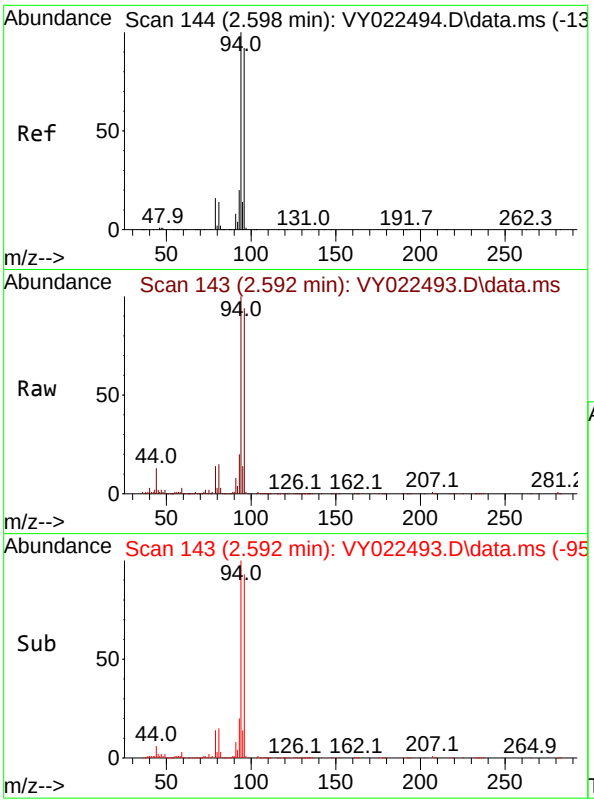


#4
Vinyl Chloride
Concen: 21.833 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 62 Resp: 143182

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.3	37.9



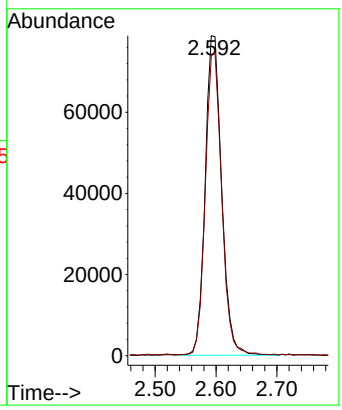


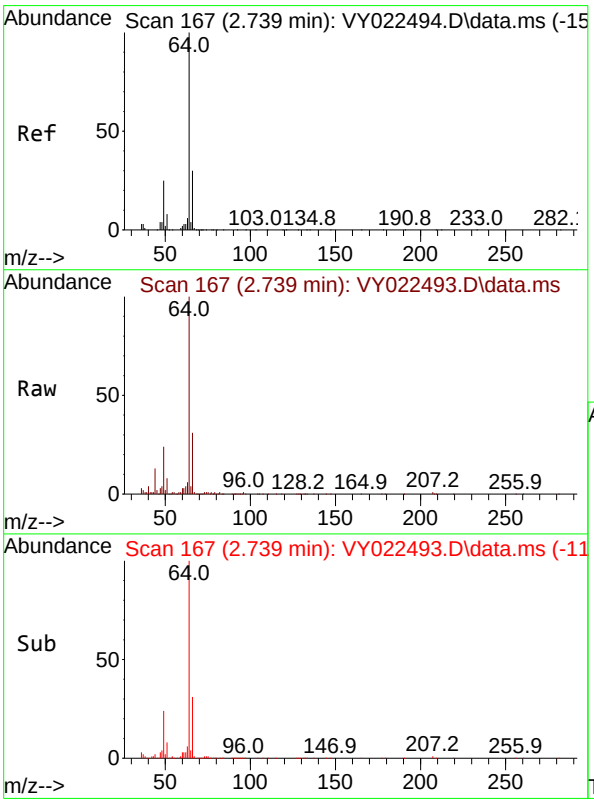
#5
Bromomethane
Concen: 23.891 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 148203

Ion	Ratio	Lower	Upper
94	100		
96	93.5	74.0	111.0

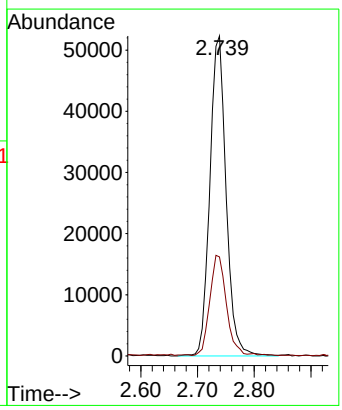


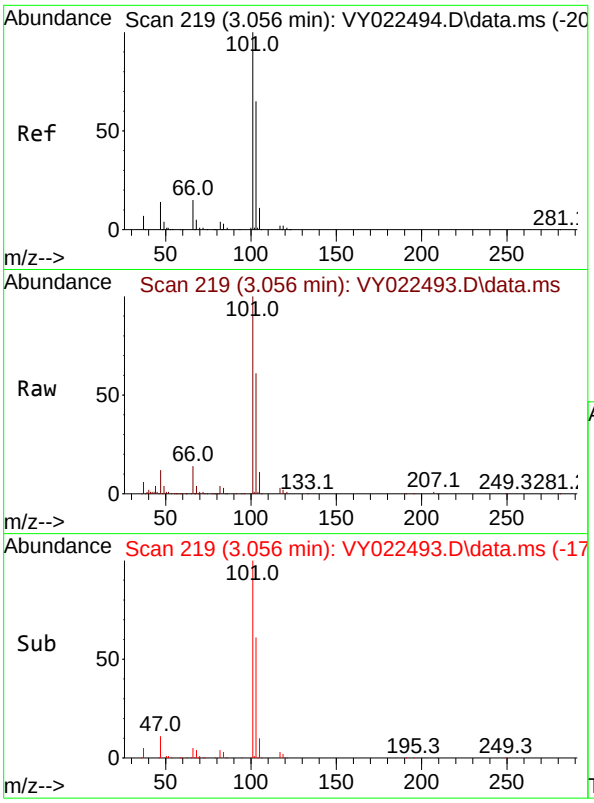


#6
Chloroethane
Concen: 23.188 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 64 Resp: 104116

Ion	Ratio	Lower	Upper
64	100		
66	30.8	23.8	35.6



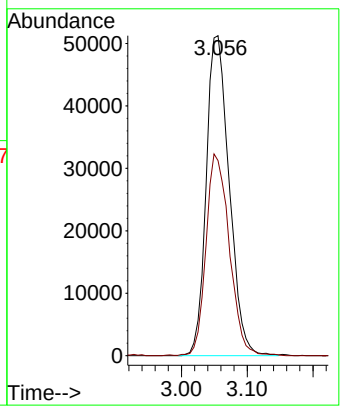


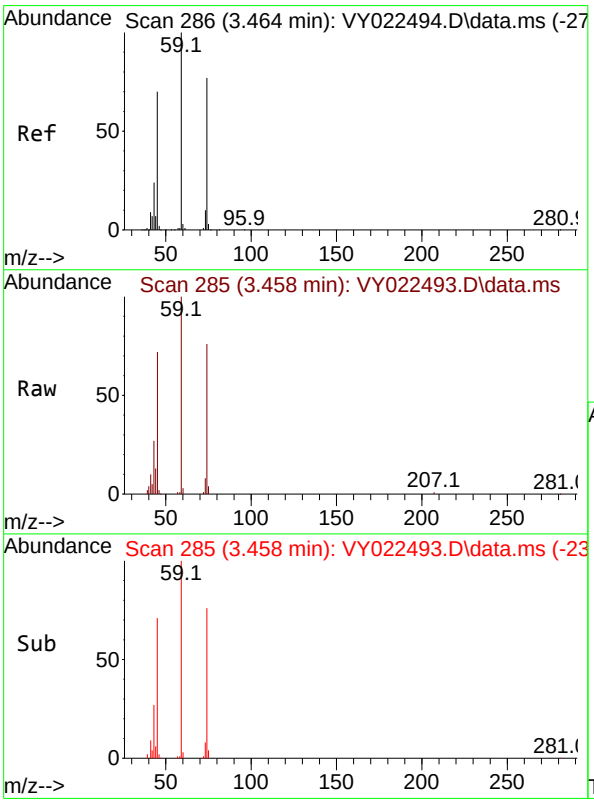
#7
Trichlorofluoromethane
Concen: 22.320 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 124370

Ion	Ratio	Lower	Upper
101	100		
103	60.8	52.2	78.2

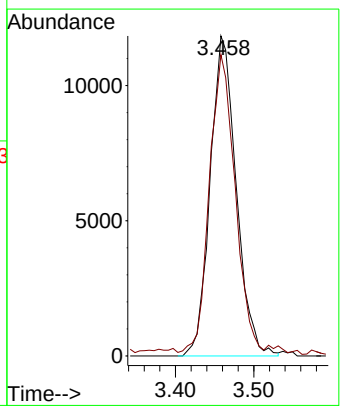


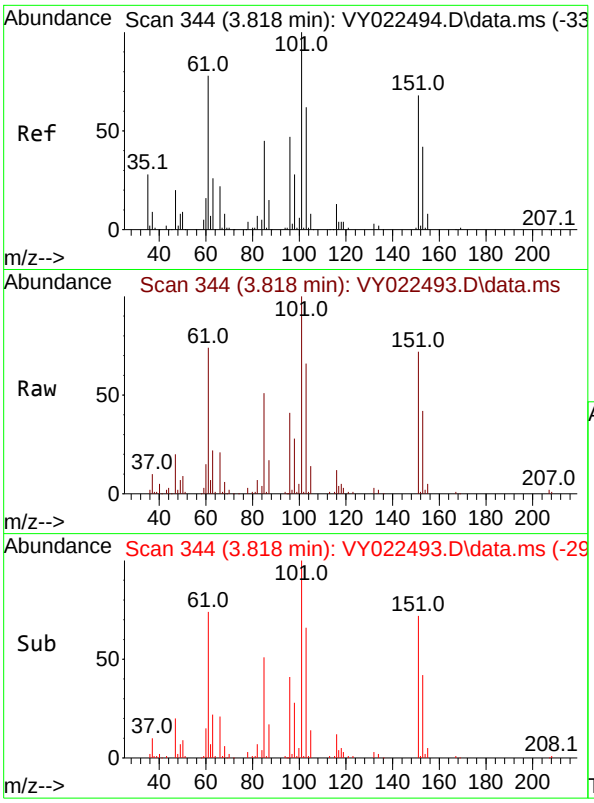


#8
Diethyl Ether
Concen: 22.230 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 74 Resp: 27359

Ion	Ratio	Lower	Upper
74	100		
45	91.2	45.9	137.6



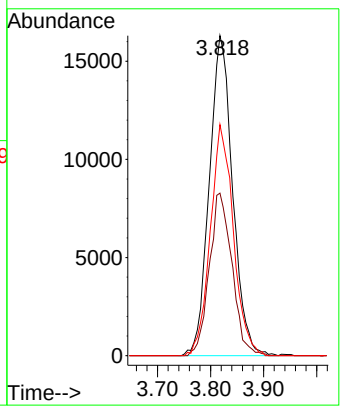


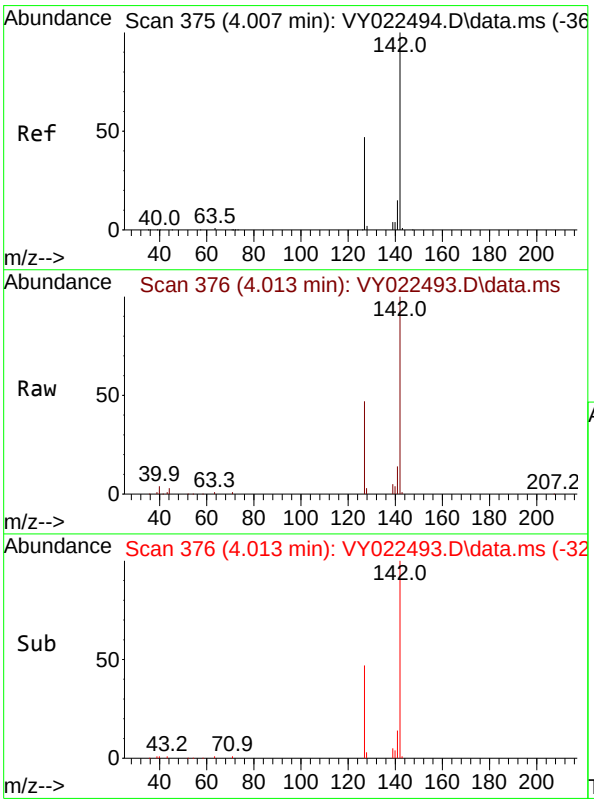
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.283 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 49746

Ion	Ratio	Lower	Upper
101	100		
85	49.4	39.3	58.9
151	71.4	57.8	86.8

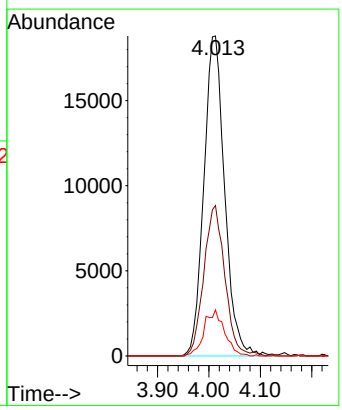


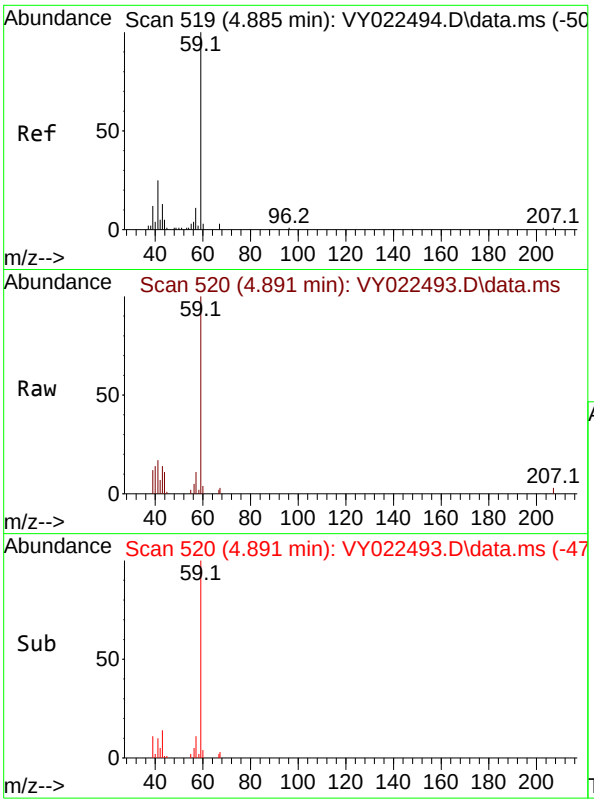


#10
Methyl Iodide
Concen: 21.112 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:142 Resp: 52917

Ion	Ratio	Lower	Upper
142	100		
127	47.5	37.1	55.7
141	14.1	11.4	17.2



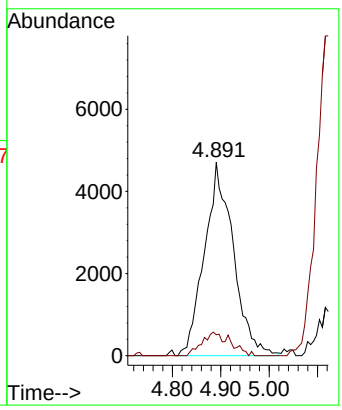


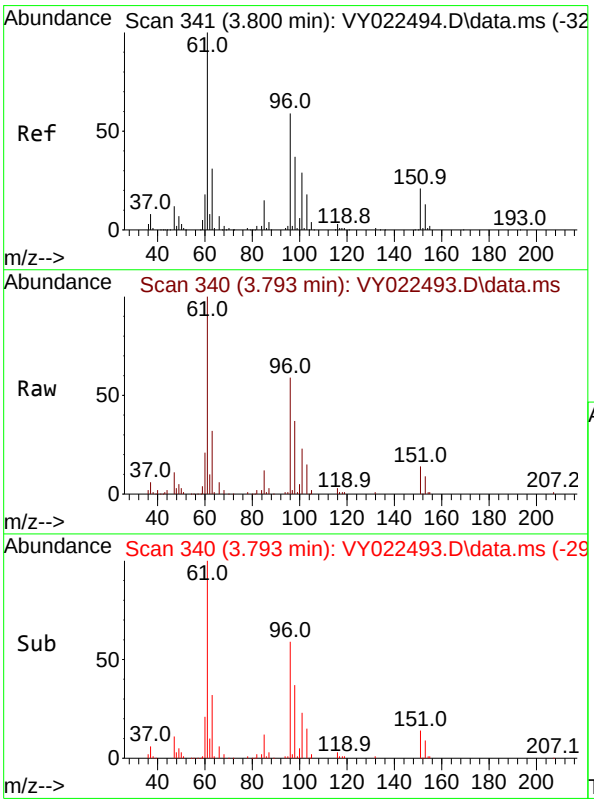
#11
Tert butyl alcohol
Concen: 115.163 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 19456

Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.0	12.0

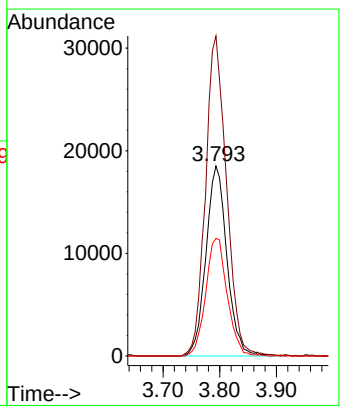


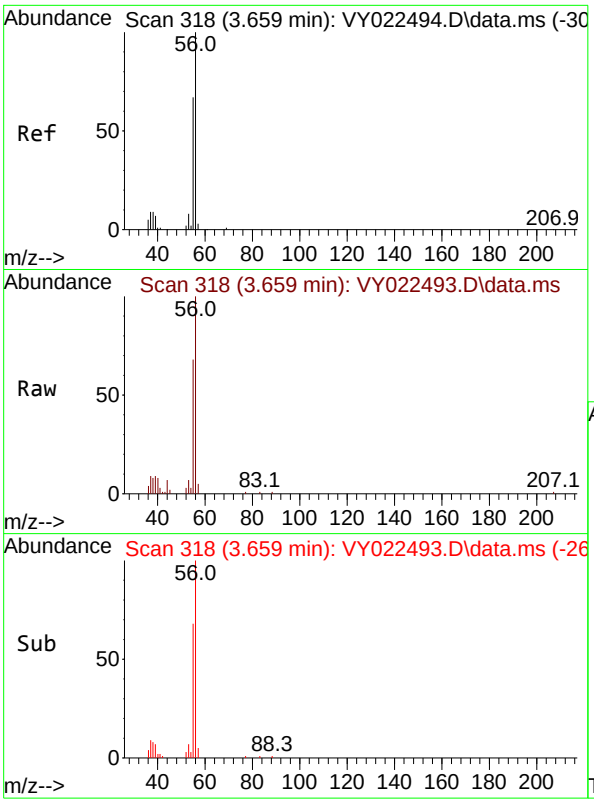


#12
1,1-Dichloroethene
Concen: 21.411 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 96 Resp: 47770

Ion	Ratio	Lower	Upper
96	100		
61	168.5	134.6	201.8
98	61.9	50.2	75.4



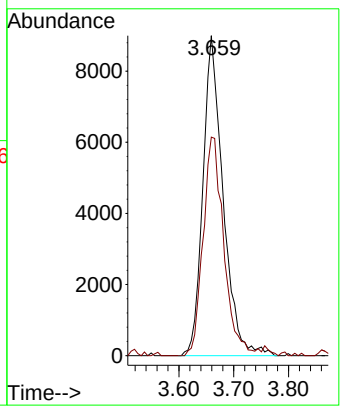


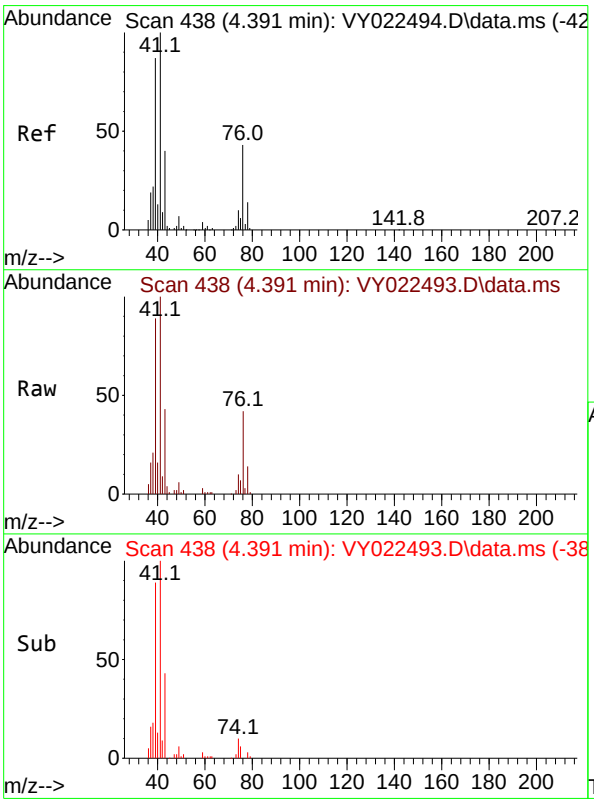
#13
Acrolein
Concen: 111.404 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 22974

Ion	Ratio	Lower	Upper
56	100		
55	69.8	57.0	85.6

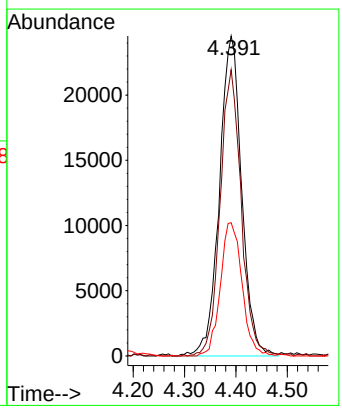


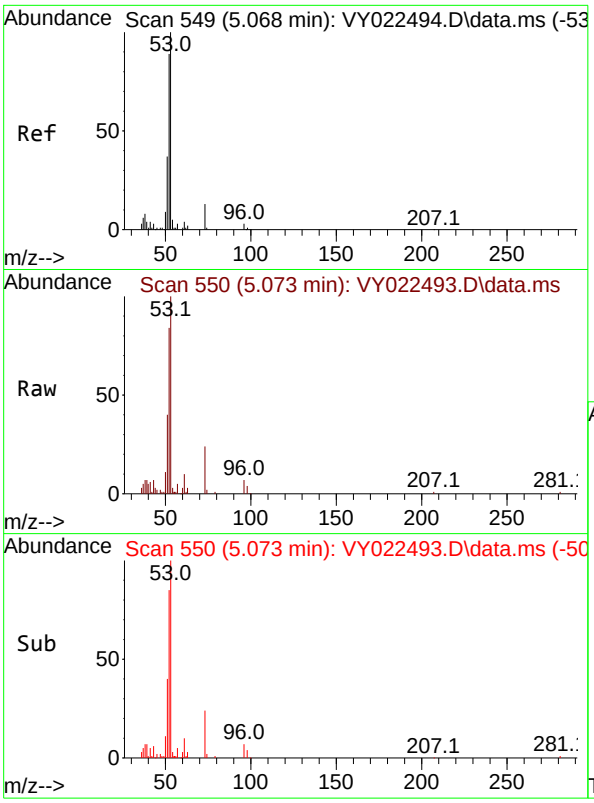


#14
Allyl chloride
Concen: 21.263 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 41 Resp: 73926

Ion	Ratio	Lower	Upper
41	100		
39	84.7	69.1	103.7
76	40.5	33.5	50.3



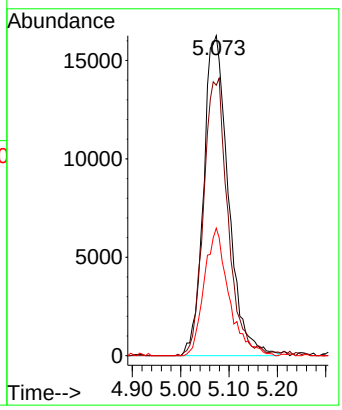


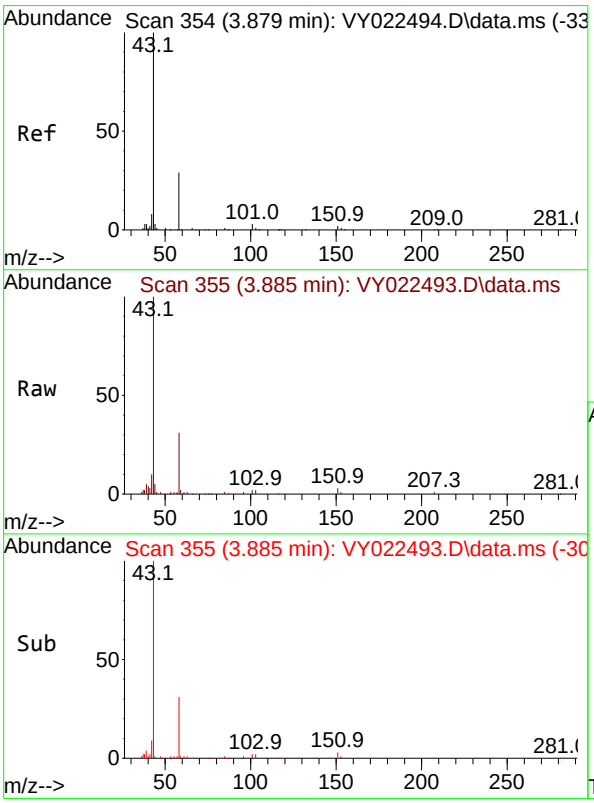
#15
Acrylonitrile
Concen: 110.420 ug/l
RT: 5.073 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 57803

Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.7	98.5
51	39.8	30.1	45.1

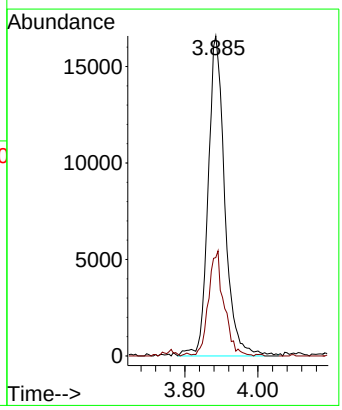


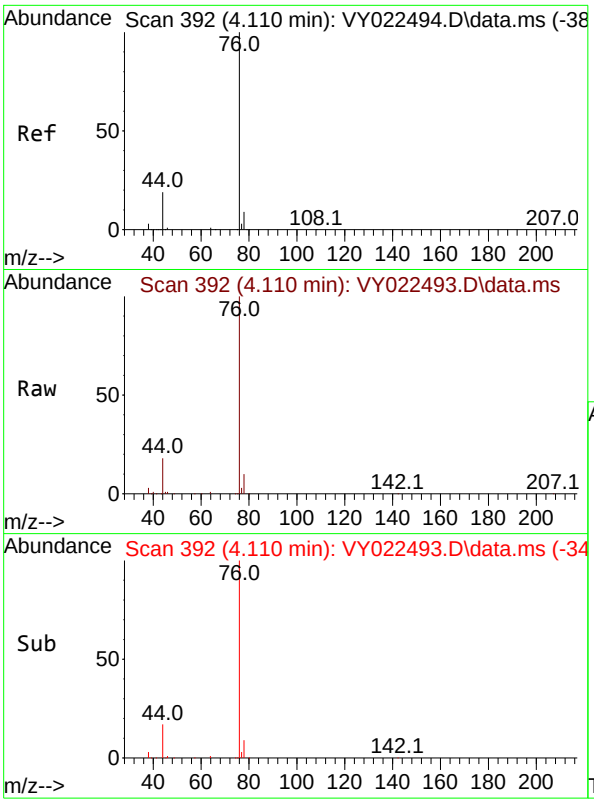


#16
Acetone
Concen: 111.925 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 52330

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.0	36.0



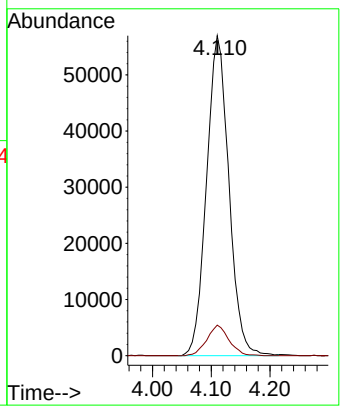


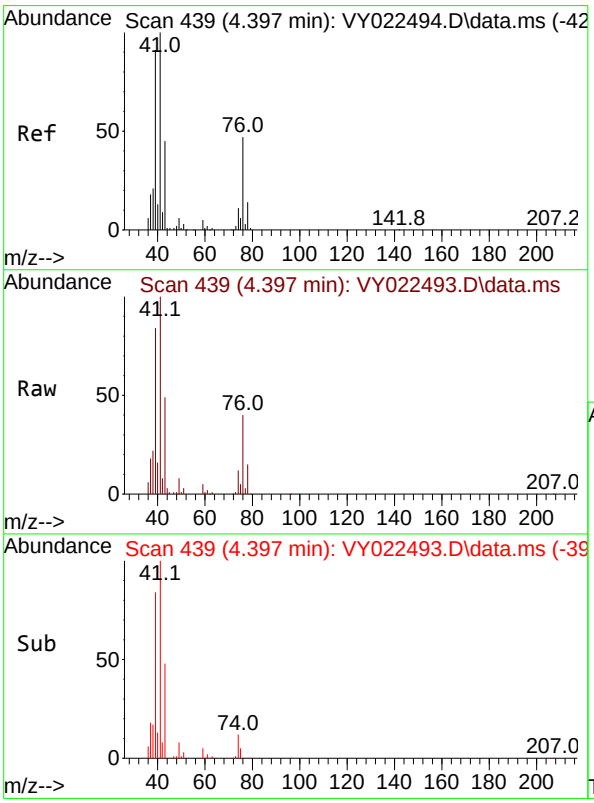
#17
Carbon Disulfide
Concen: 21.130 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 150515

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

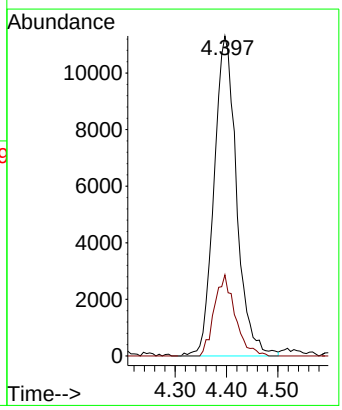


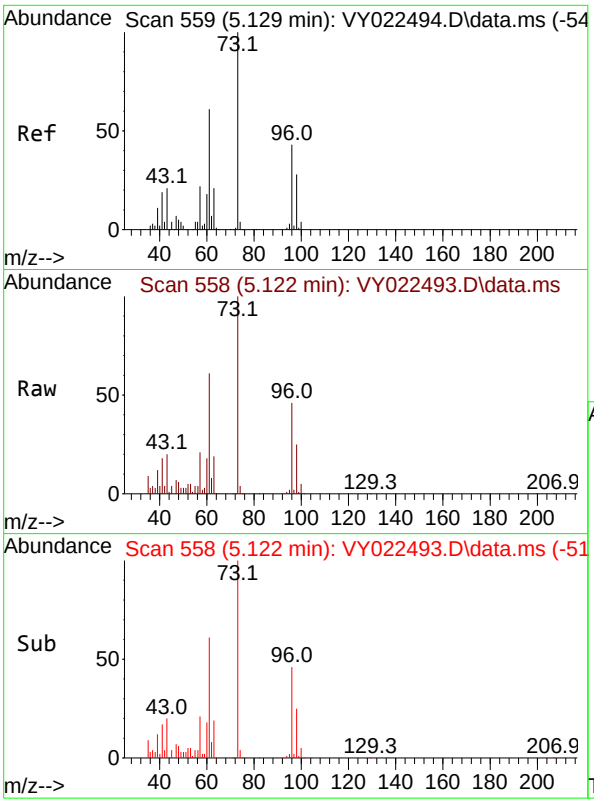


#18
Methyl Acetate
Concen: 24.470 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 34419

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.8	29.6



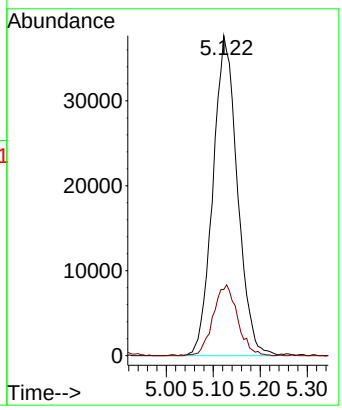


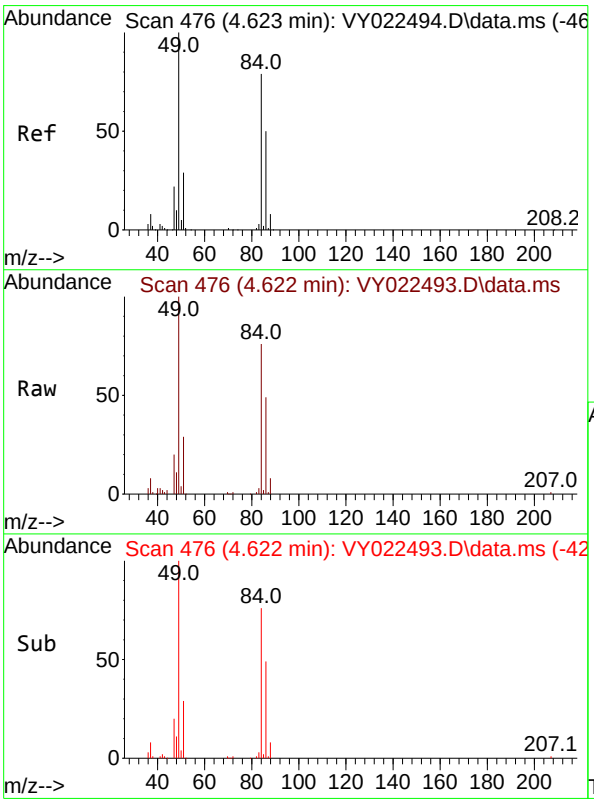
#19
Methyl tert-butyl Ether
Concen: 21.935 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 136549

Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.4	26.0

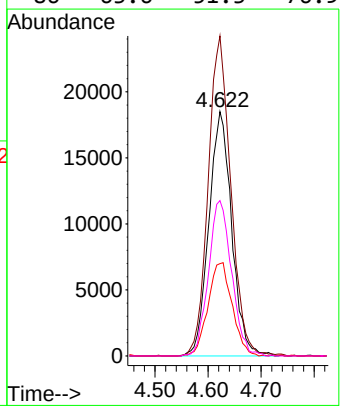


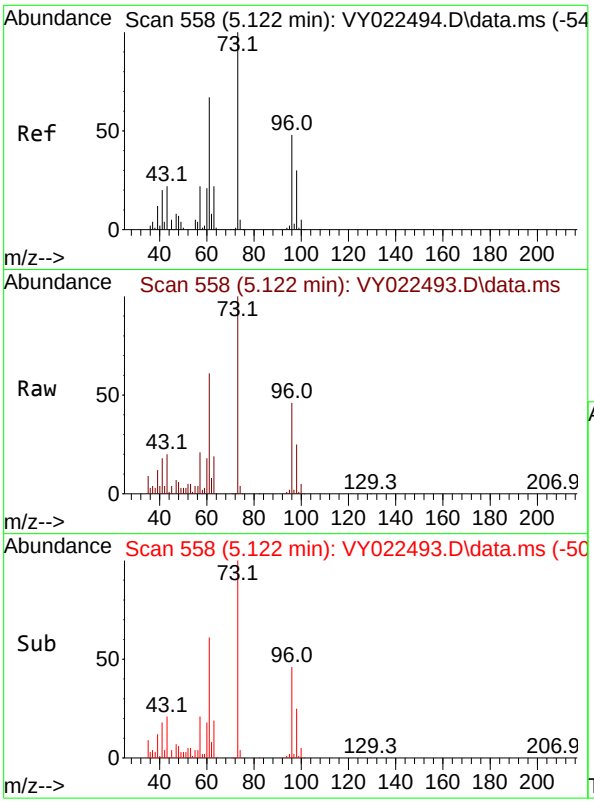


#20
Methylene Chloride
Concen: 21.222 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 84 Resp: 55399

Ion	Ratio	Lower	Upper
84	100		
49	131.0	101.9	152.9
51	37.8	29.8	44.8
86	63.6	51.3	76.9



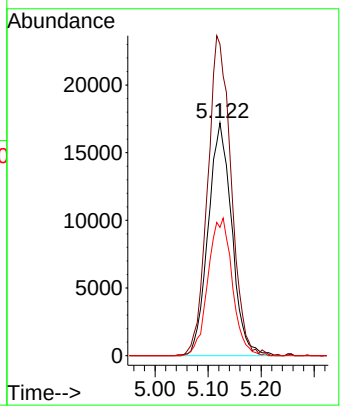


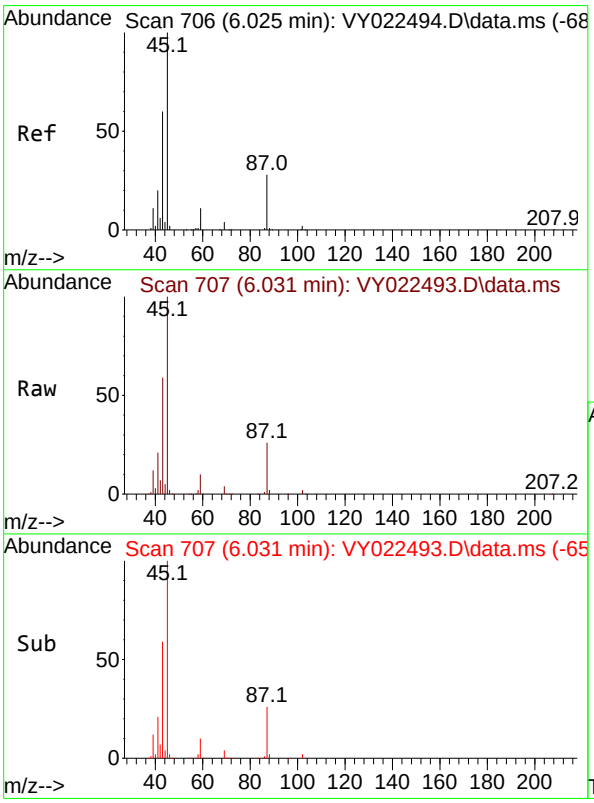
#21
trans-1,2-Dichloroethene
Concen: 21.342 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 53194

Ion	Ratio	Lower	Upper
96	100		
61	133.3	112.6	169.0
98	55.1	50.6	75.8

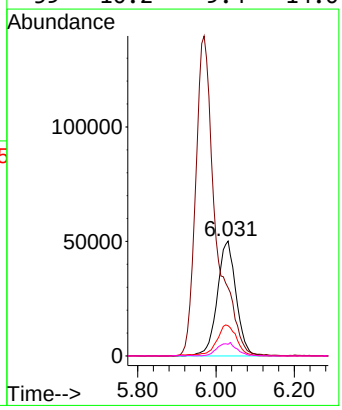


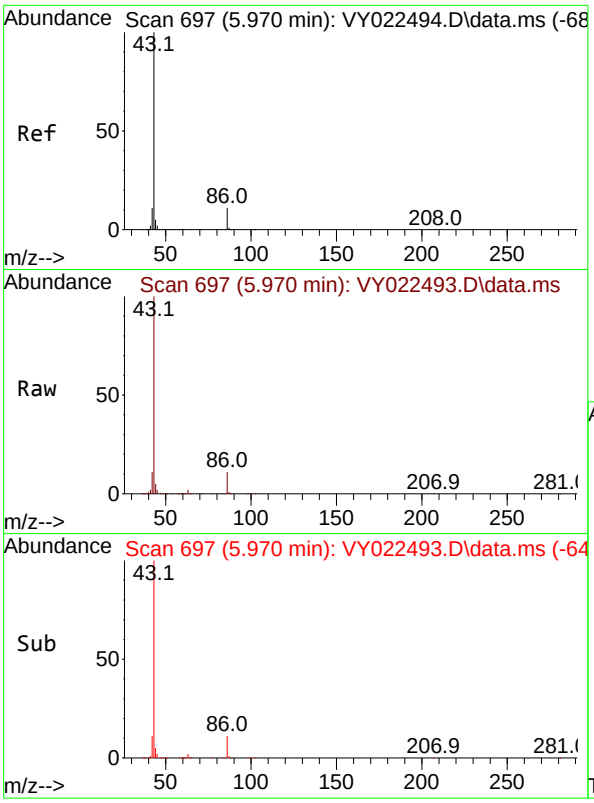


#22
Diisopropyl ether
Concen: 21.739 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 45 Resp: 168064

Ion	Ratio	Lower	Upper
45	100		
43	59.0	48.3	72.5
87	26.3	23.0	34.6
59	10.2	9.4	14.0



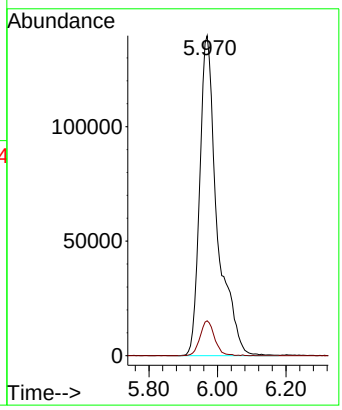


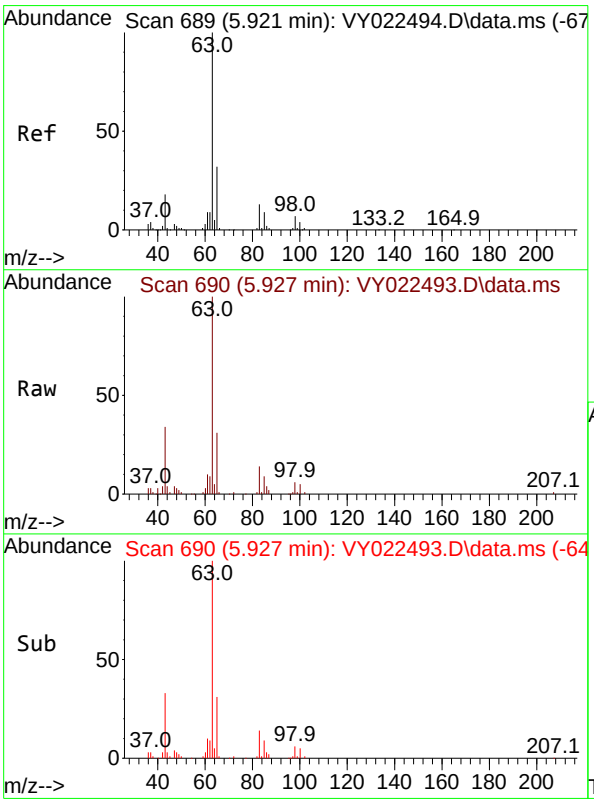
#23
Vinyl Acetate
Concen: 108.569 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 497937

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	12.8

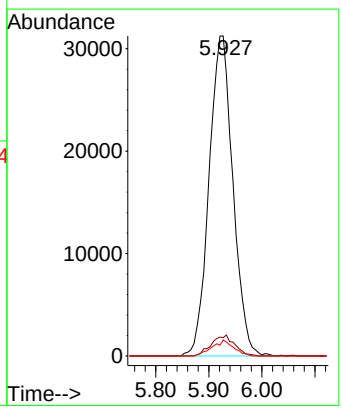


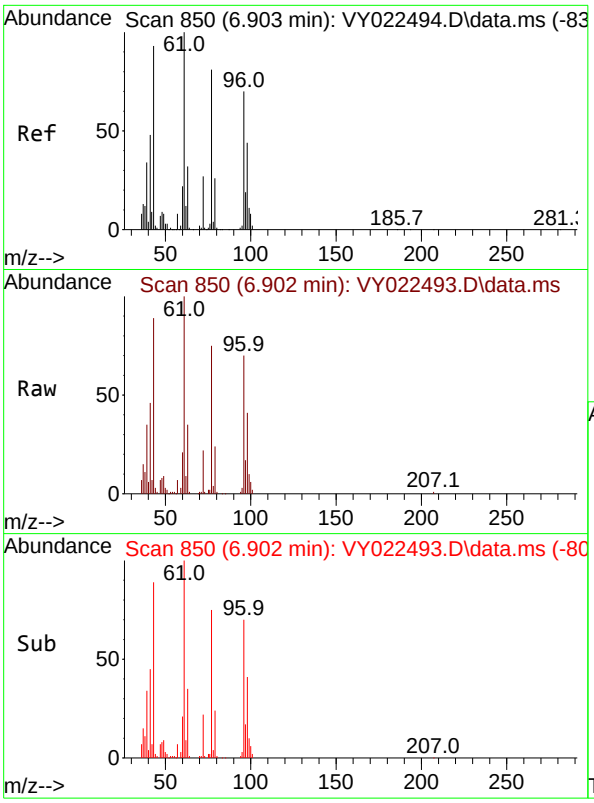


#24
1,1-Dichloroethane
Concen: 21.392 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 63 Resp: 97760

Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.4	10.1
100	5.0	2.1	6.3



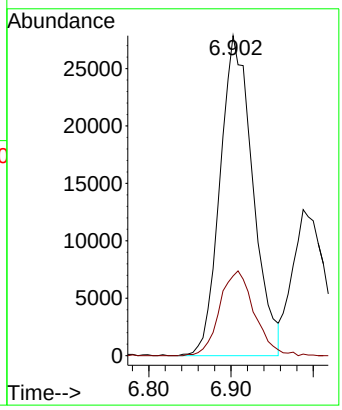


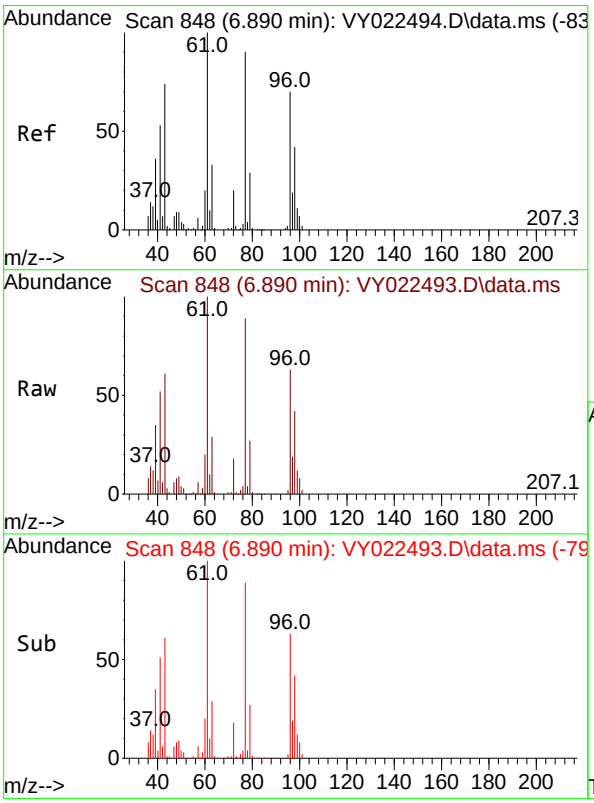
#25
2-Butanone
Concen: 112.124 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 77329

Ion	Ratio	Lower	Upper
43	100		
72	24.9	22.9	34.3

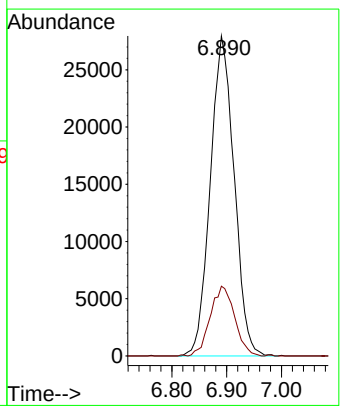


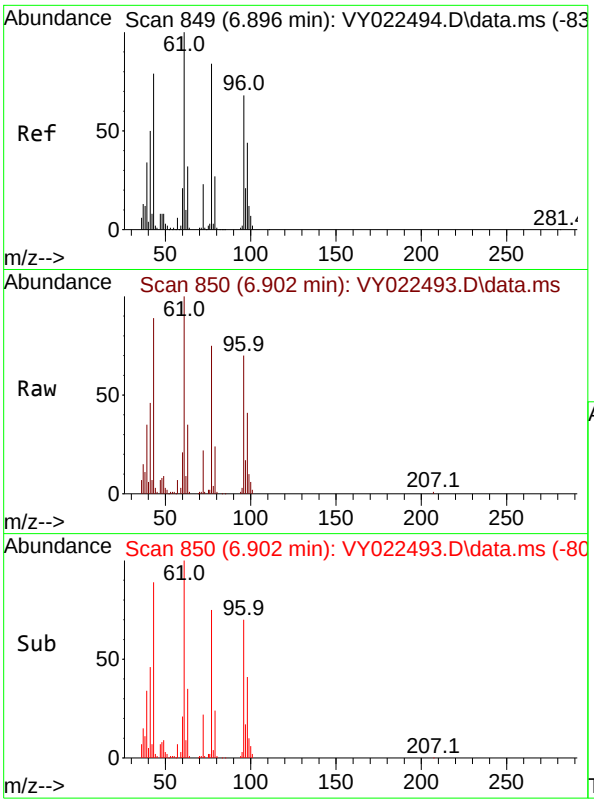


#26
2,2-Dichloropropane
Concen: 20.811 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 77 Resp: 84543

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.2



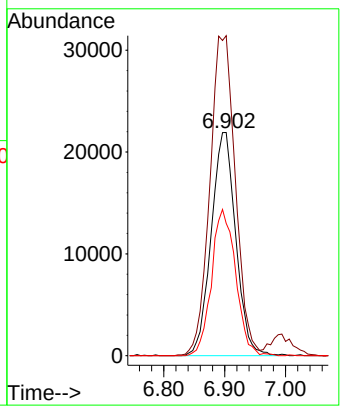


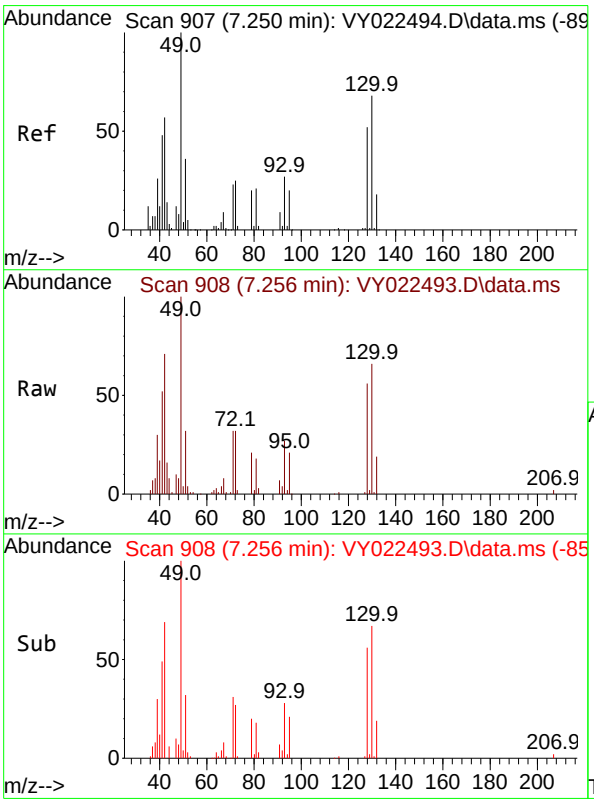
#27
cis-1,2-Dichloroethene
Concen: 21.300 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 61362

Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	290.0
98	64.4	0.0	128.4

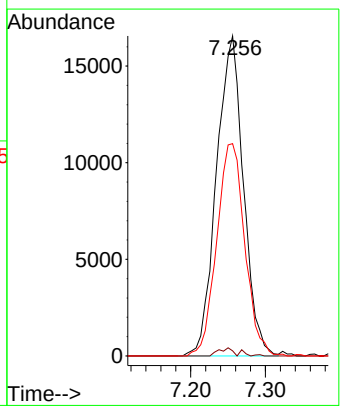


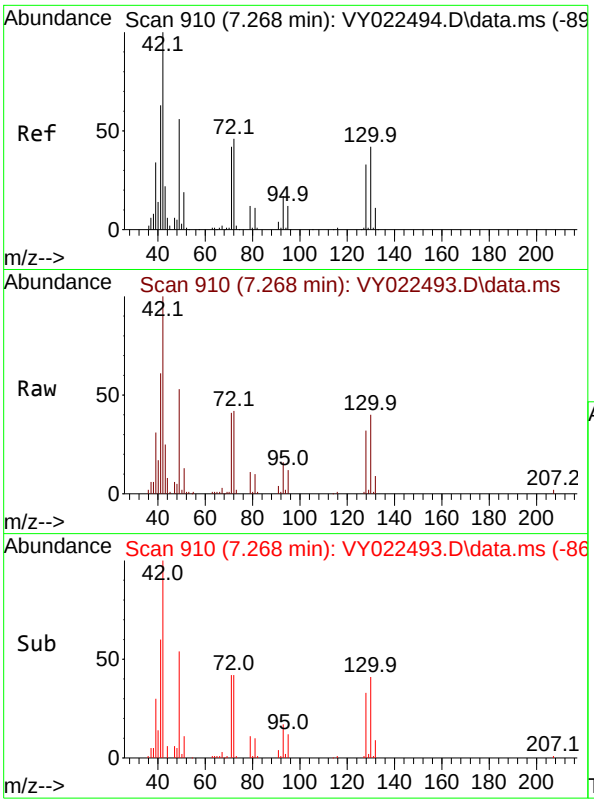


#28
Bromochloromethane
Concen: 21.085 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 49 Resp: 41634

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.6
130	69.0	55.7	83.5



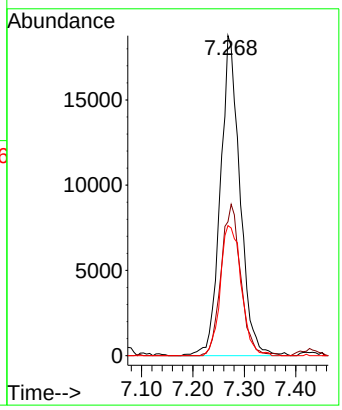


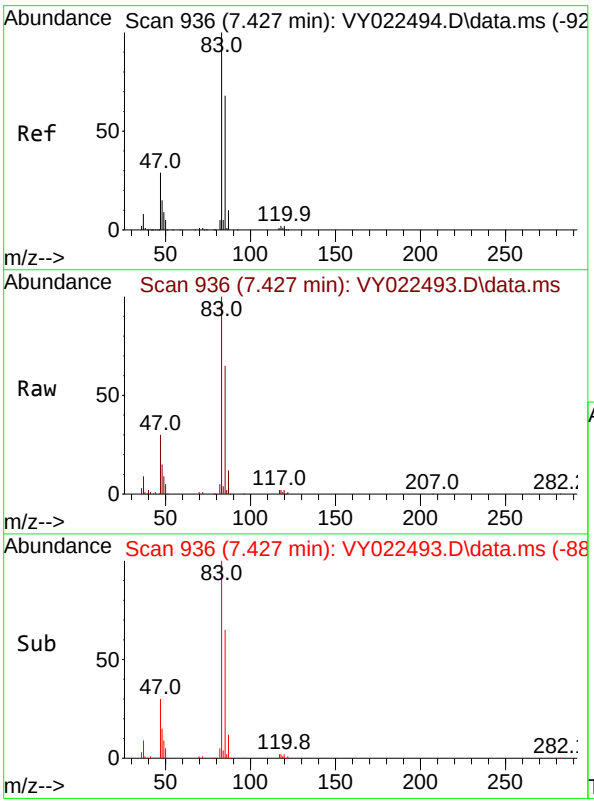
#29
Tetrahydrofuran
Concen: 111.296 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 49517

Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.4	56.2
71	43.6	34.2	51.2

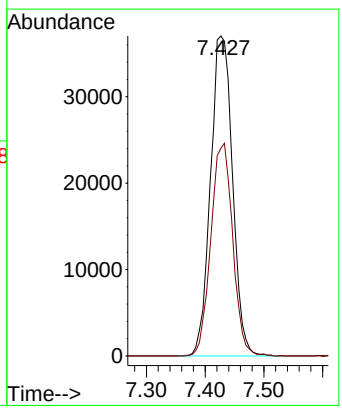


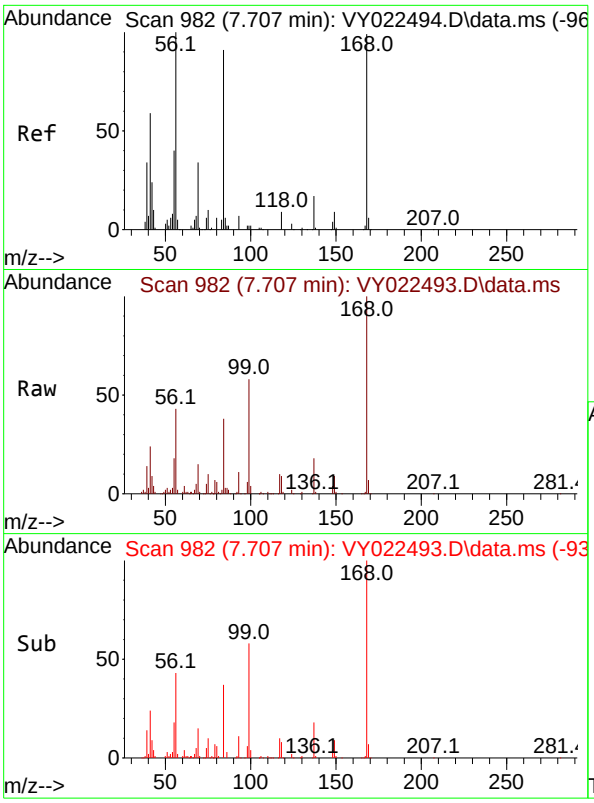


#30
Chloroform
Concen: 21.350 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 83 Resp: 96414

Ion	Ratio	Lower	Upper
83	100		
85	64.9	54.2	81.4



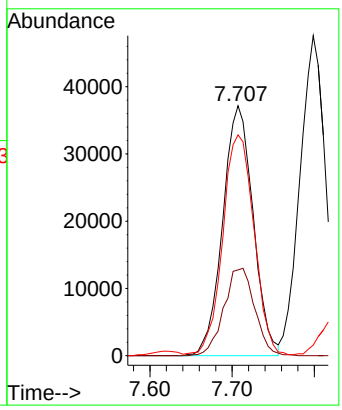


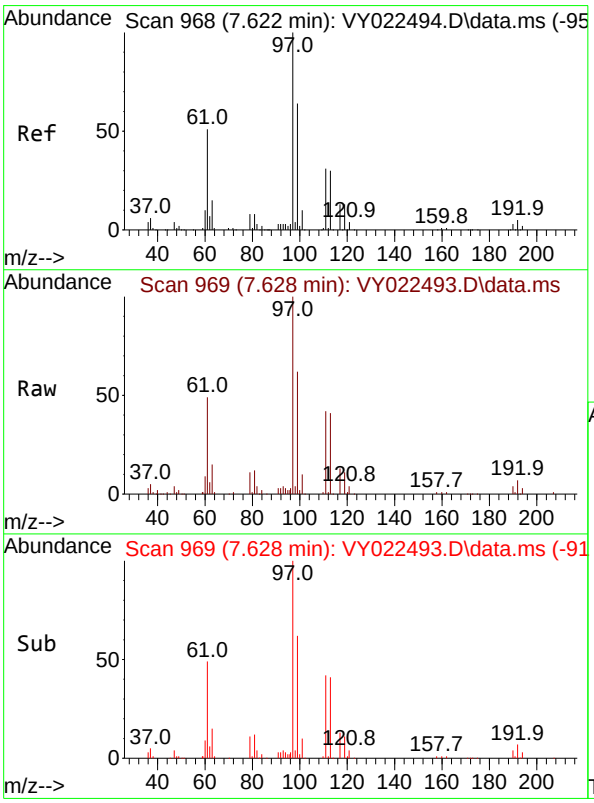
#31
Cyclohexane
Concen: 20.762 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 95487

Ion	Ratio	Lower	Upper
56	100		
69	34.3	27.0	40.6
84	87.0	72.6	109.0

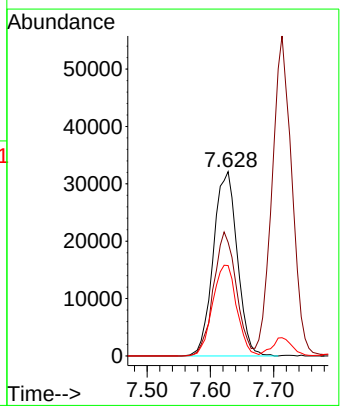


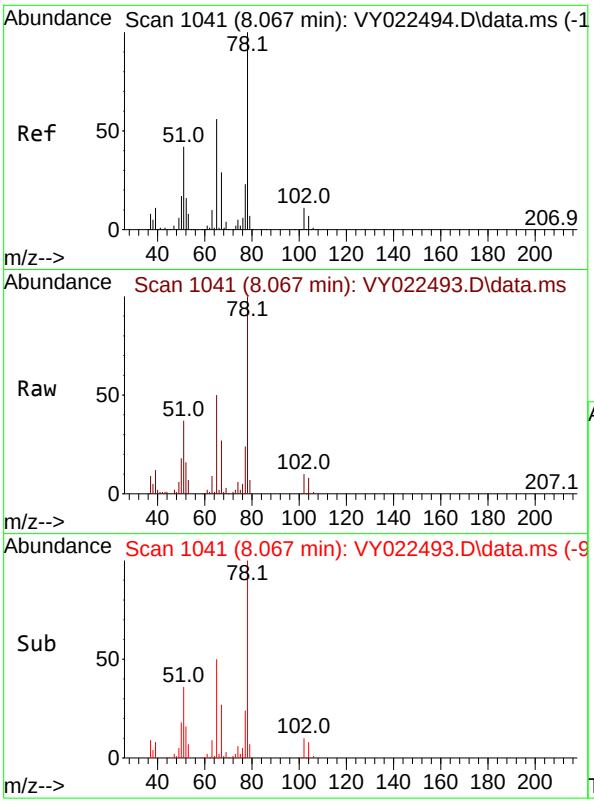


#32
1,1,1-Trichloroethane
Concen: 20.905 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 97 Resp: 84365

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.9	76.3
61	49.7	38.5	57.7



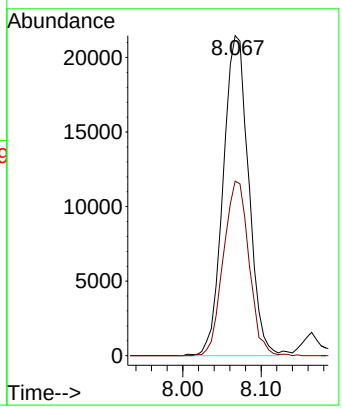


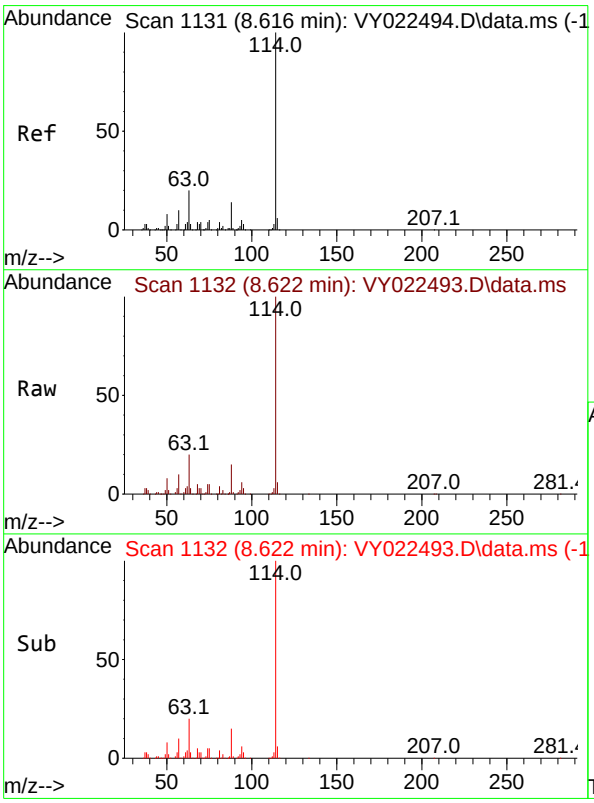
#33
1,2-Dichloroethane-d4
Concen: 20.457 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 48383

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	103.4

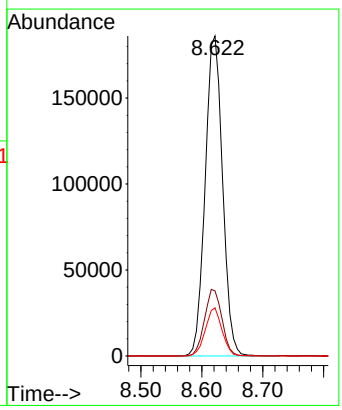


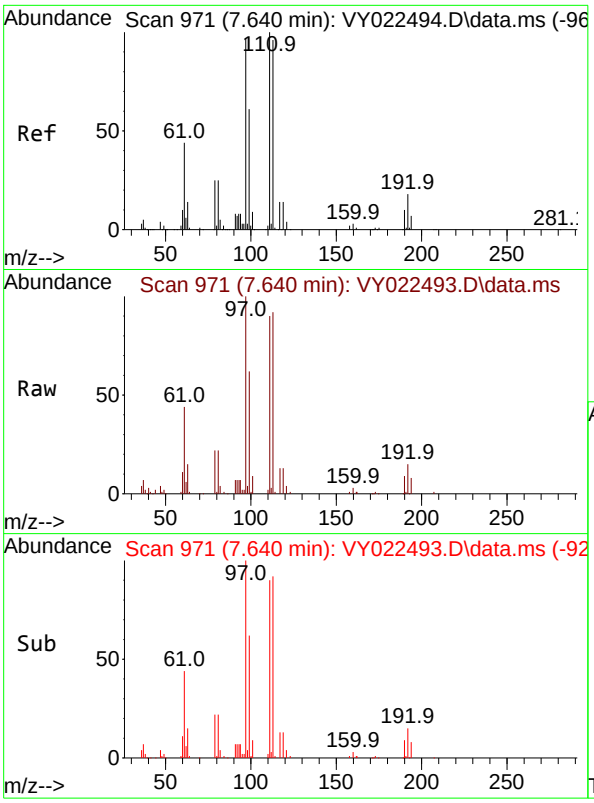


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:114 Resp: 369398

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	15.0	0.0	27.8



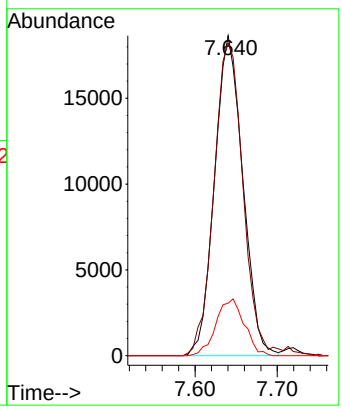


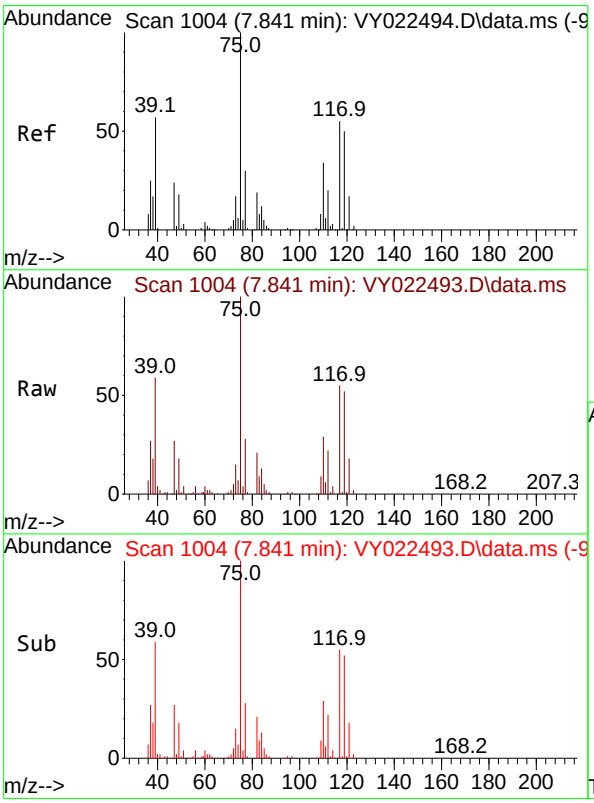
#35
Dibromofluoromethane
Concen: 20.456 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 44482

Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.1	121.7
192	17.8	14.2	21.2

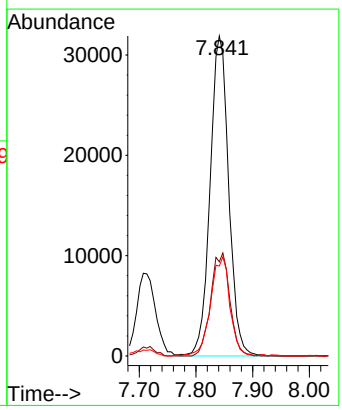


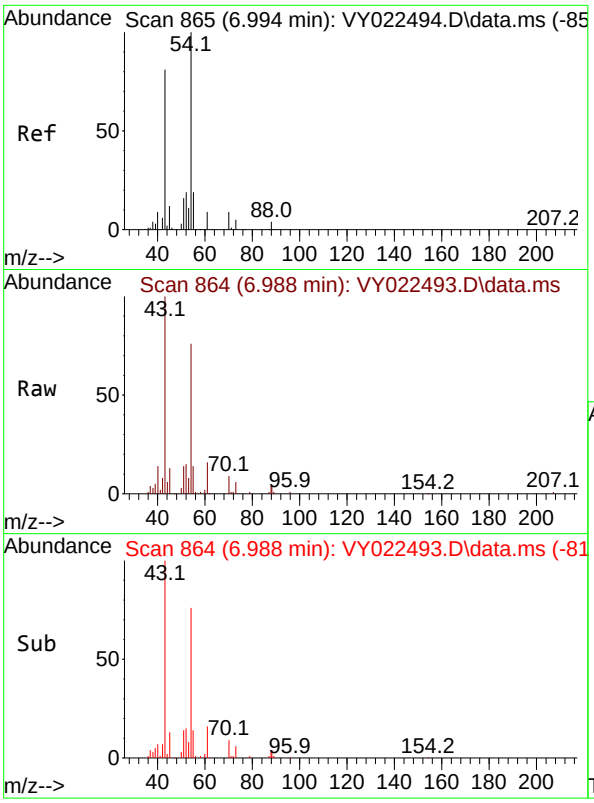


#36
1,1-Dichloropropene
Concen: 20.670 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 72658

Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.7
77	32.2	24.8	37.2



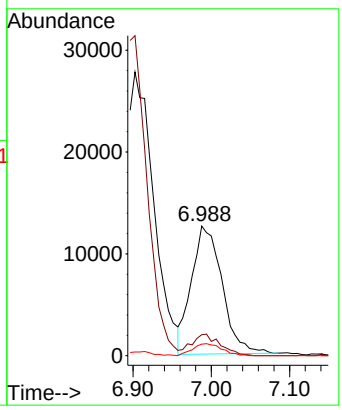


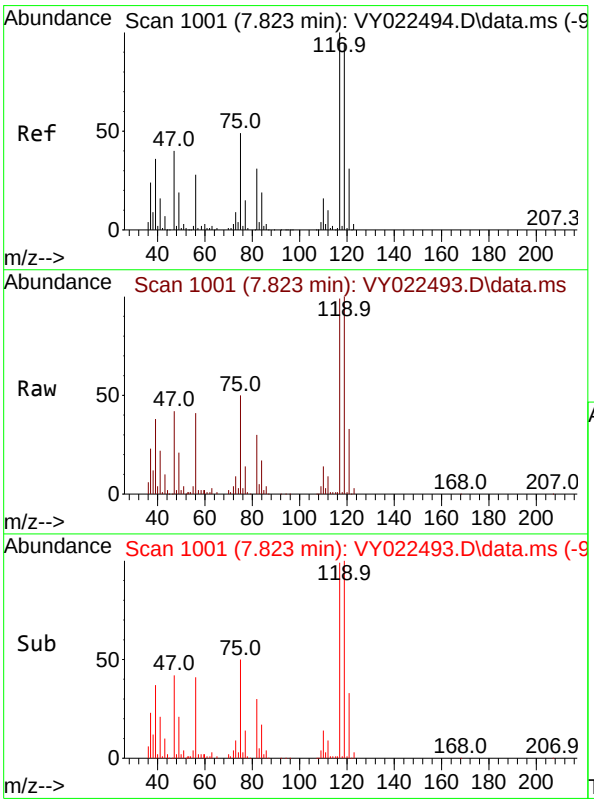
#37
Ethyl Acetate
Concen: 22.110 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 34204

Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.5	17.3
70	8.9	7.2	10.8

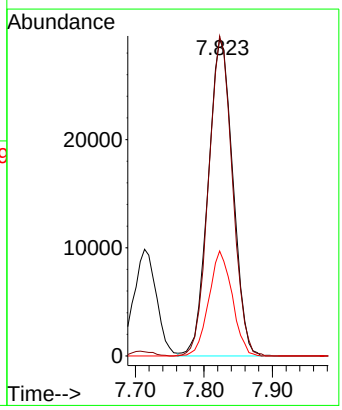


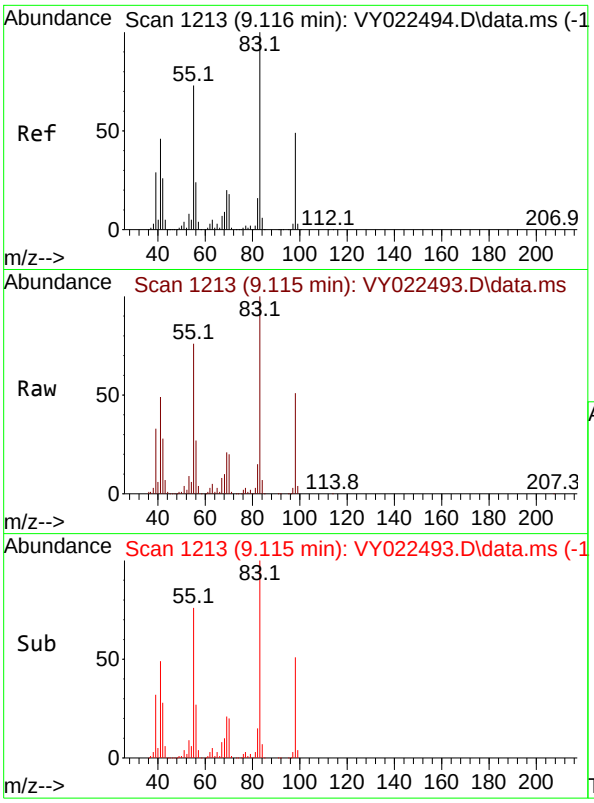


#38
Carbon Tetrachloride
Concen: 20.247 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:117 Resp: 73370

Ion	Ratio	Lower	Upper
117	100		
119	101.1	75.0	112.6
121	33.2	25.0	37.4



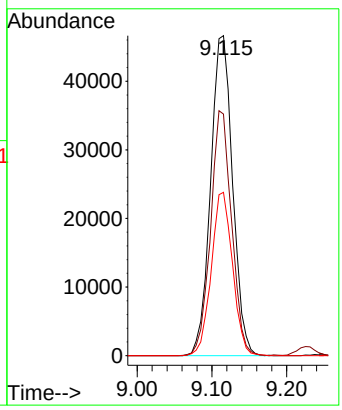


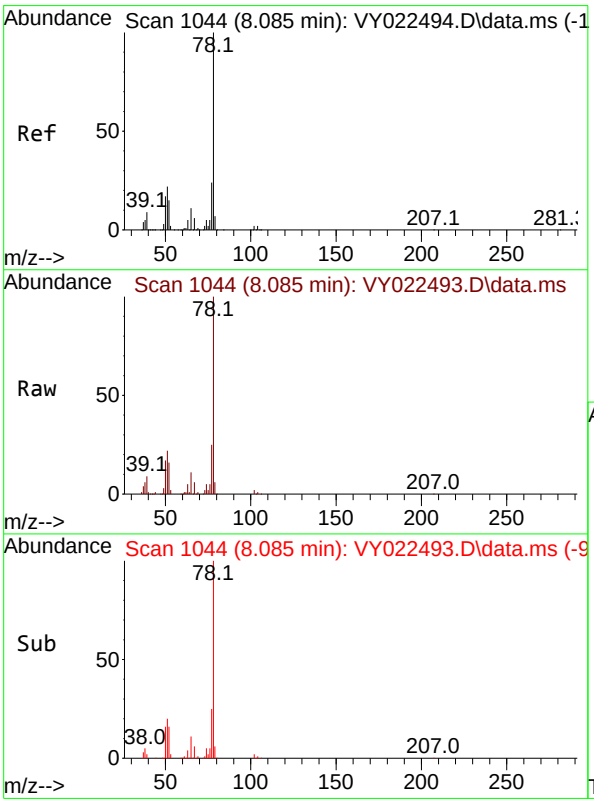
#39
Methylcyclohexane
Concen: 20.065 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 95280

Ion	Ratio	Lower	Upper
83	100		
55	75.5	58.1	87.1
98	51.1	39.0	58.6

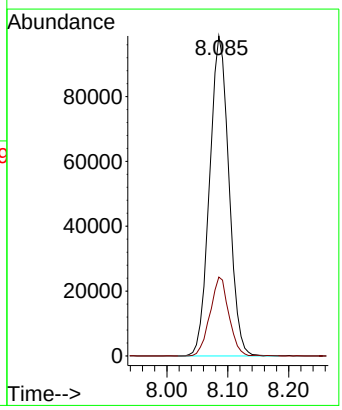


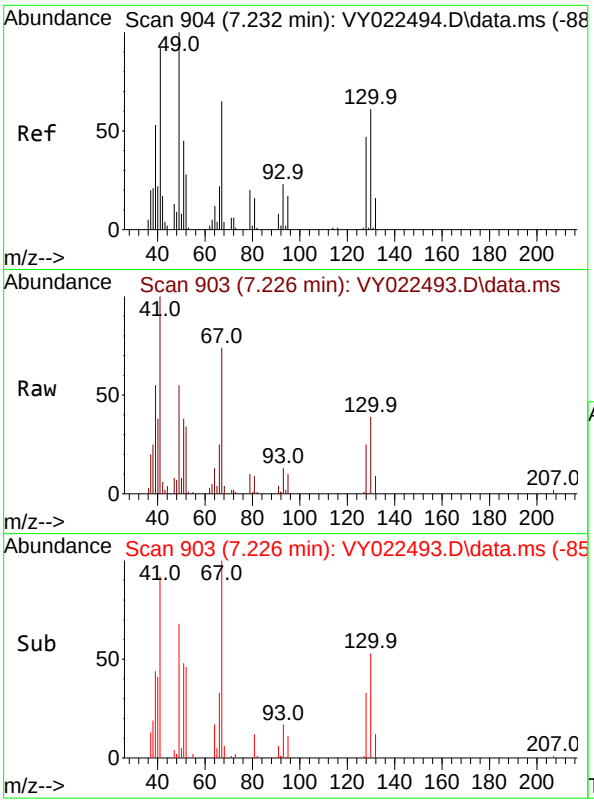


#40
Benzene
Concen: 21.000 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 78 Resp: 217595

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9



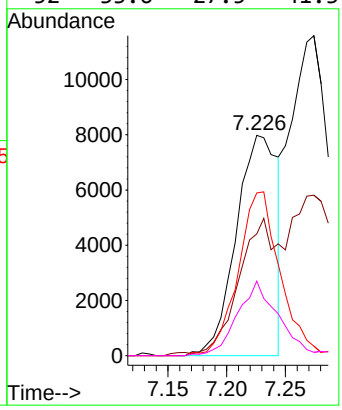


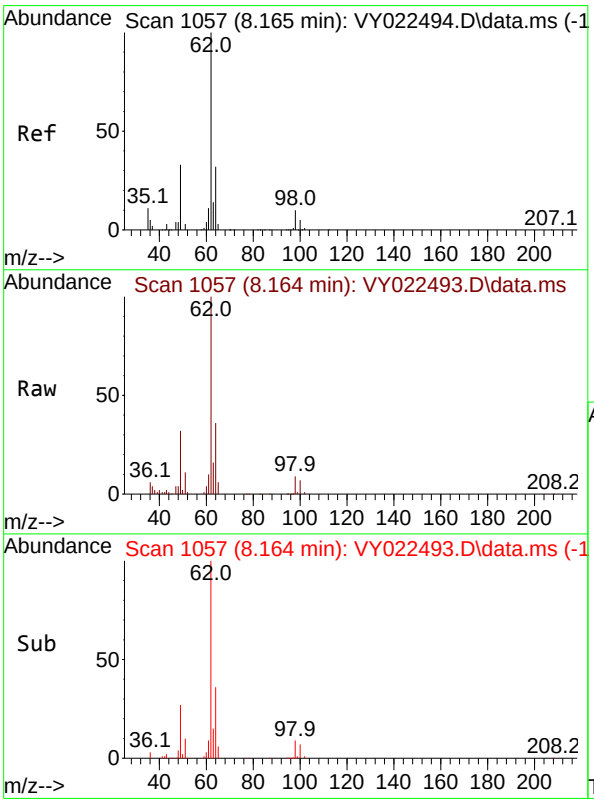
#41
Methacrylonitrile
Concen: 19.542 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 19470

Ion	Ratio	Lower	Upper
41	100		
39	64.4	46.6	69.8
67	76.2	63.3	94.9
52	33.6	27.5	41.3

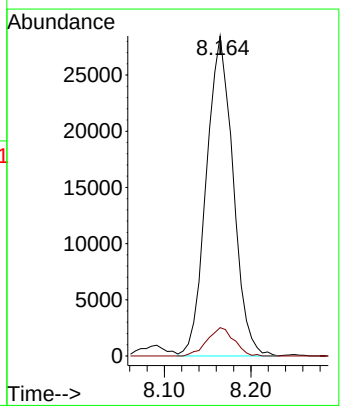


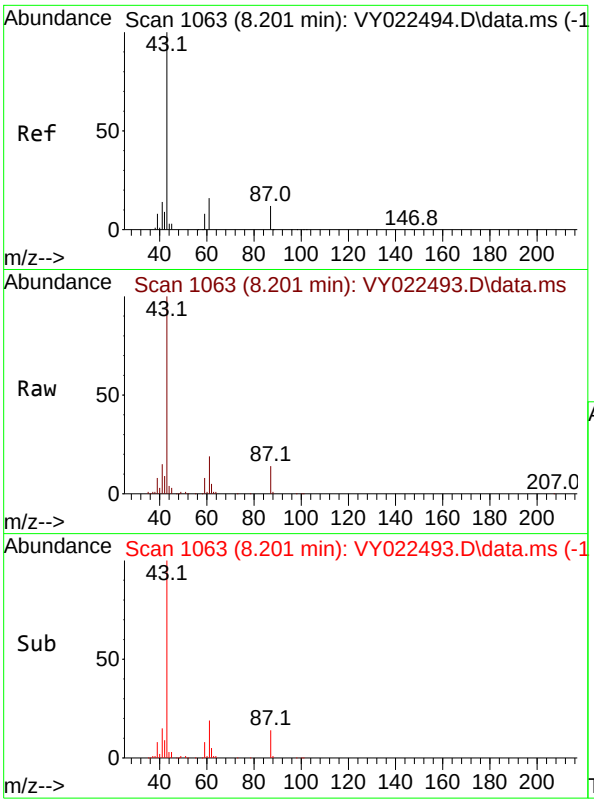


#42
1,2-Dichloroethane
Concen: 21.676 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 62 Resp: 61097

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2



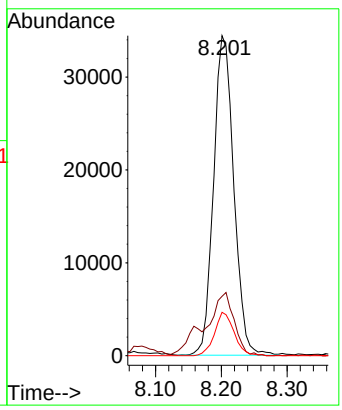


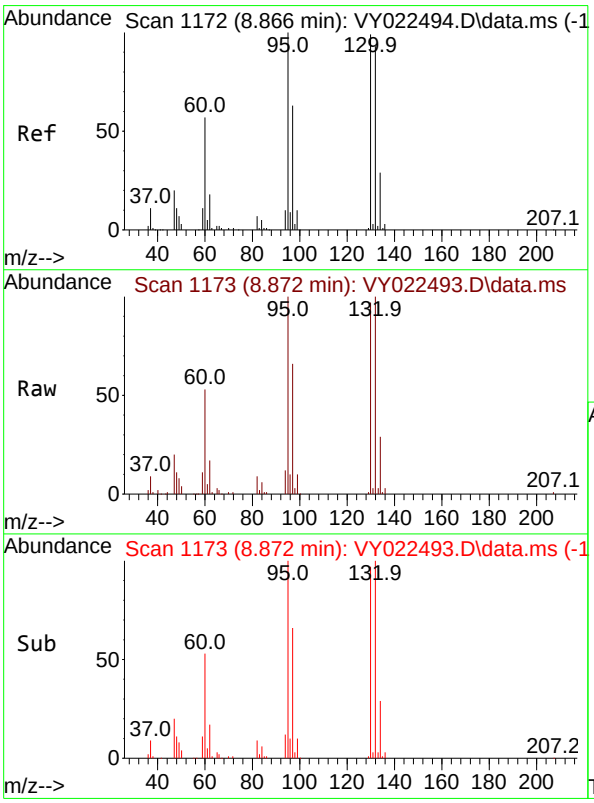
#43
Isopropyl Acetate
Concen: 21.814 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 73745

Ion	Ratio	Lower	Upper
43	100		
61	21.6	15.6	23.4
87	13.1	10.2	15.4

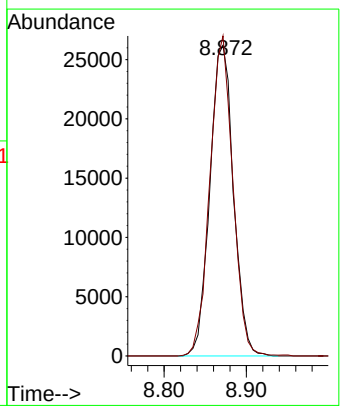


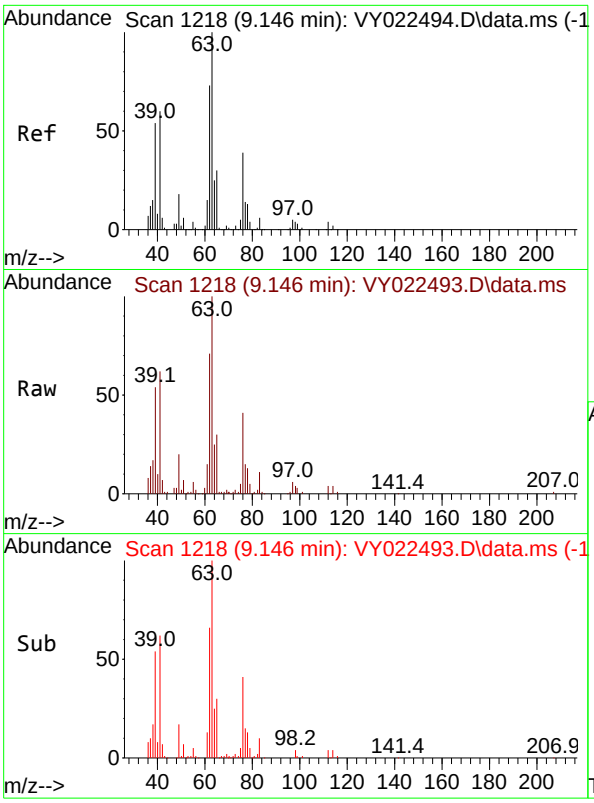


#44
Trichloroethene
Concen: 20.613 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:130 Resp: 52175

Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	203.0



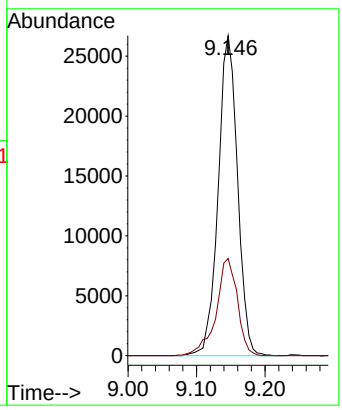


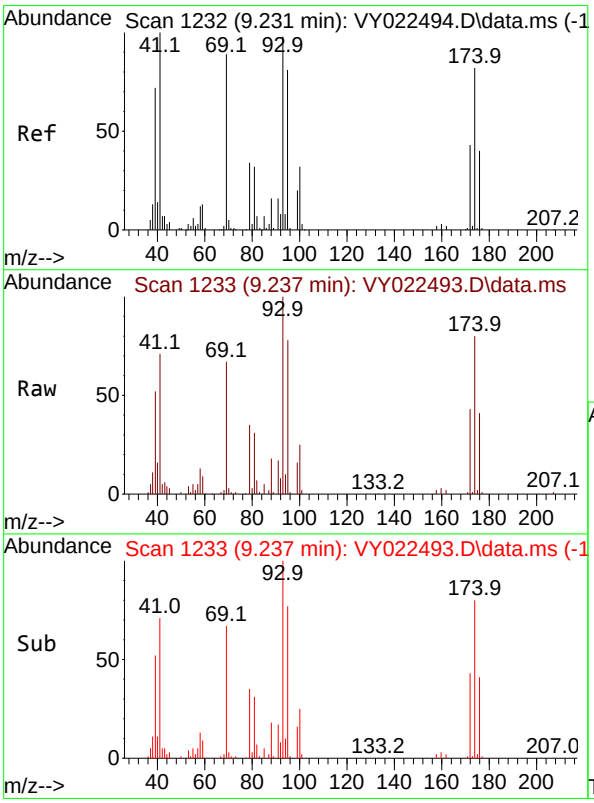
#45
1,2-Dichloropropane
Concen: 21.204 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 52378

Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.0	36.0

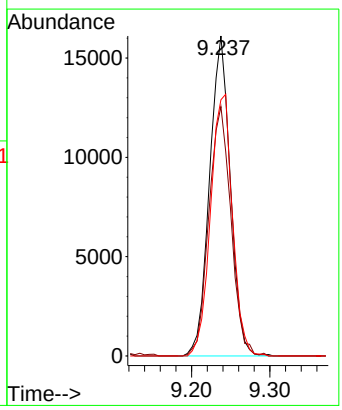


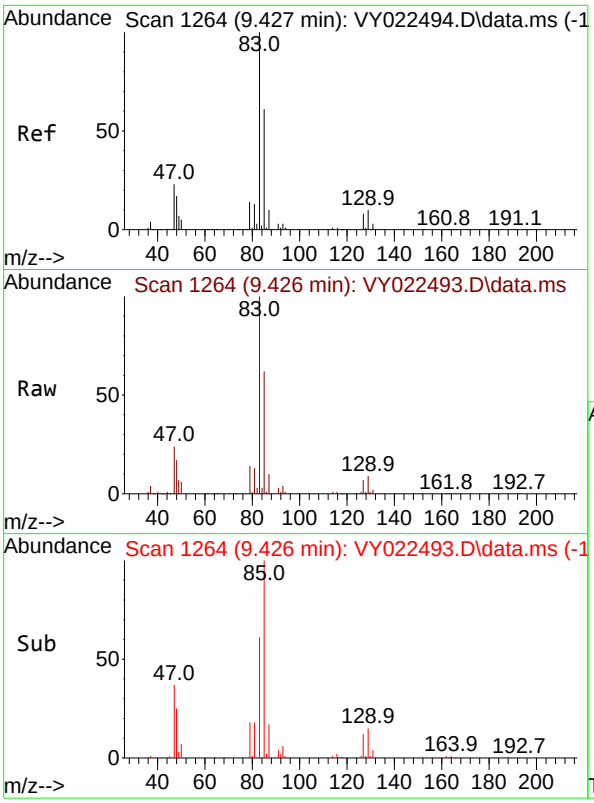


#46
Dibromomethane
Concen: 21.491 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 93 Resp: 29741

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.6	98.4
174	86.2	70.4	105.6



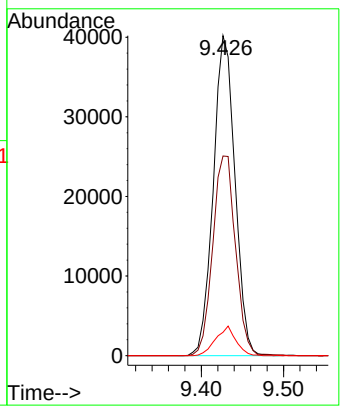


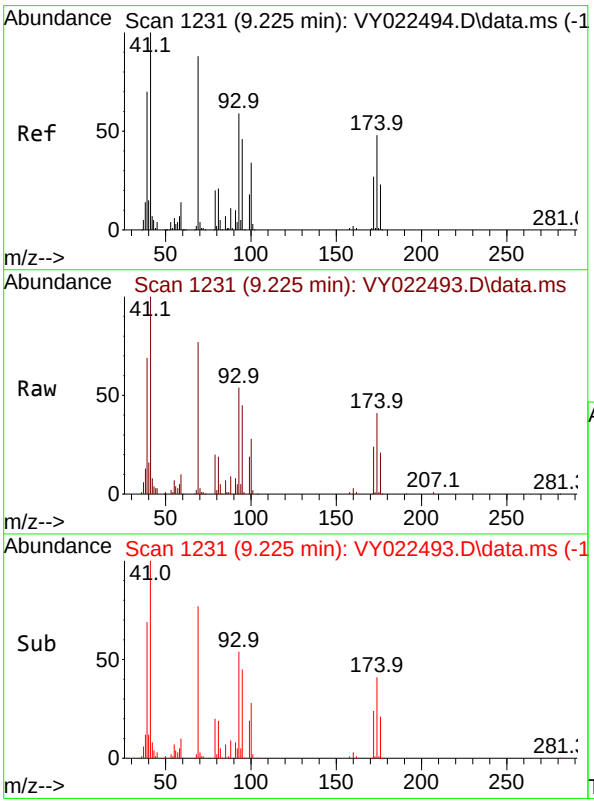
#47
Bromodichloromethane
Concen: 20.995 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 73717

Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.1	73.7
127	7.3	6.2	9.4

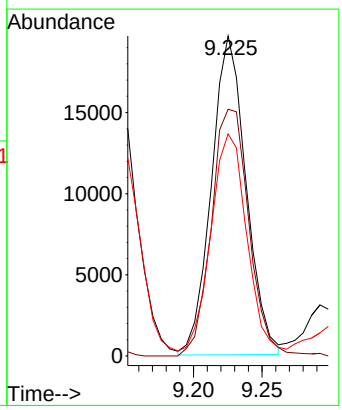


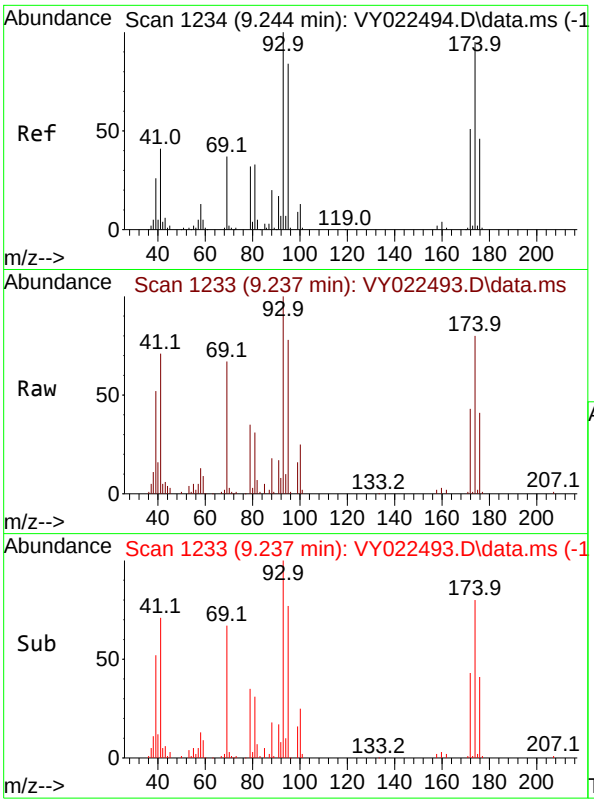


#48
Methyl methacrylate
Concen: 22.294 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 41 Resp: 34508

Ion	Ratio	Lower	Upper
41	100		
69	84.1	67.8	101.8
39	69.9	55.0	82.4



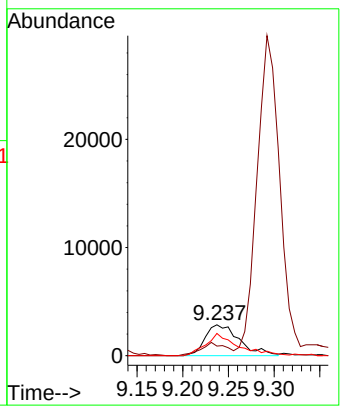


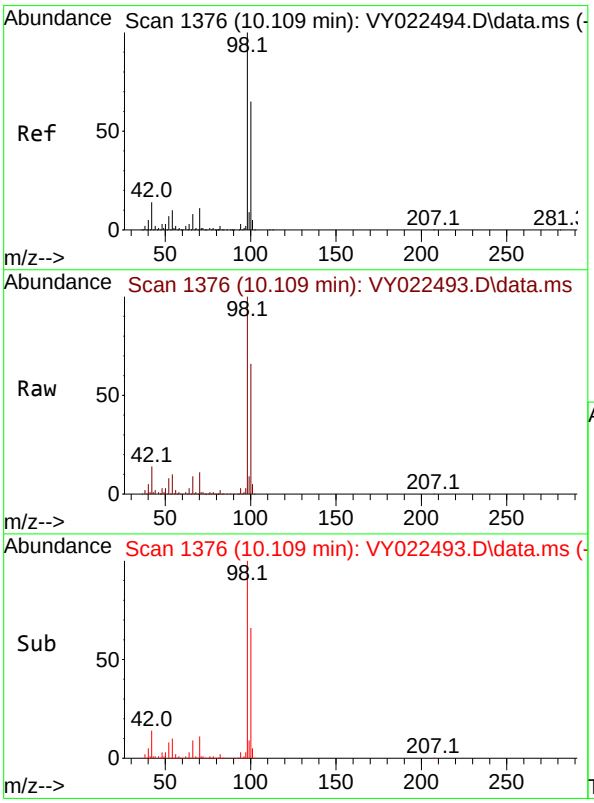
#49
1,4-Dioxane
Concen: 450.895 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 7444

Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.4	38.2
58	67.3	54.9	82.3

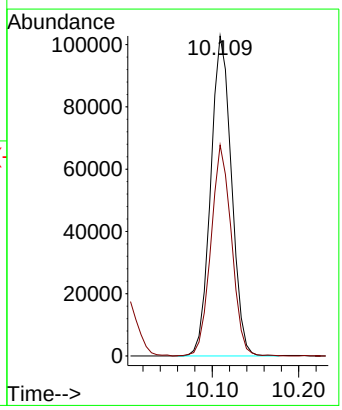


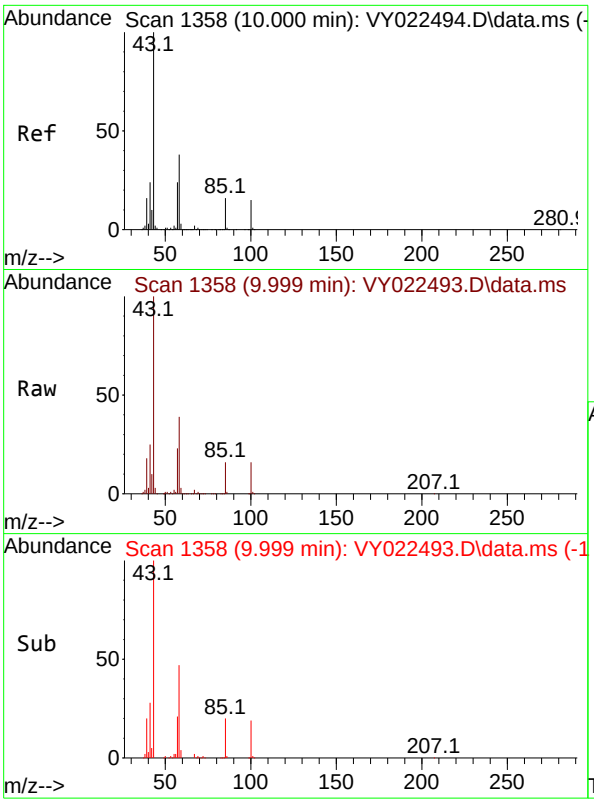


#50
Toluene-d8
Concen: 19.474 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 98 Resp: 171165

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.0



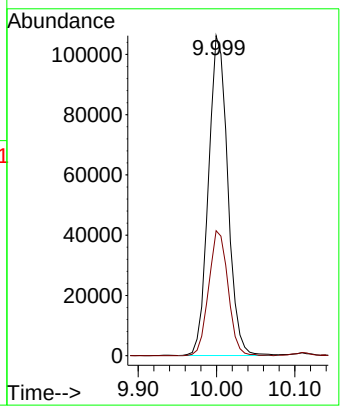


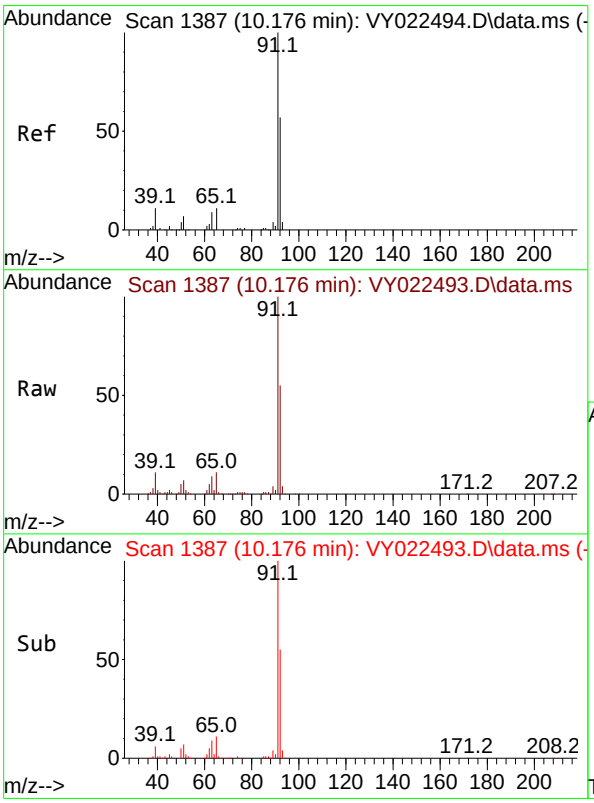
#51
4-Methyl-2-Pentanone
Concen: 108.147 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 181461

Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.4	45.6

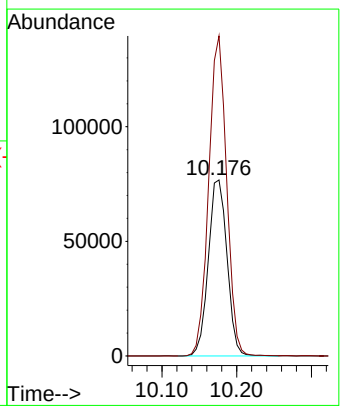


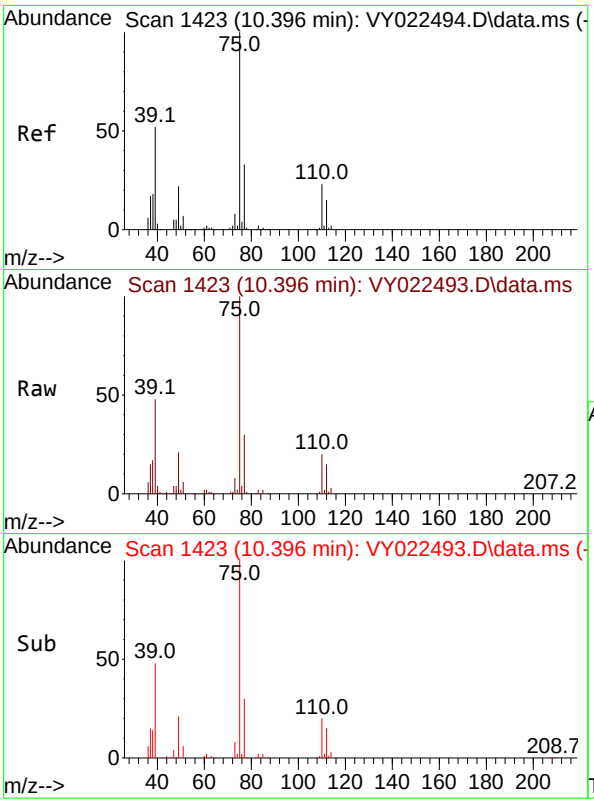


#52
Toluene
Concen: 20.508 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 92 Resp: 133601

Ion	Ratio	Lower	Upper
92	100		
91	174.3	139.0	208.4



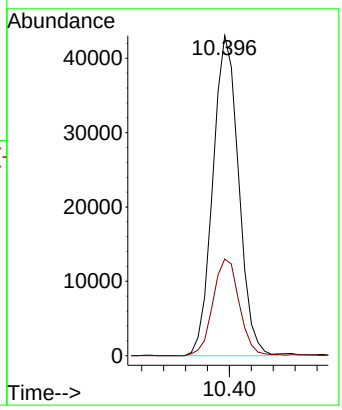


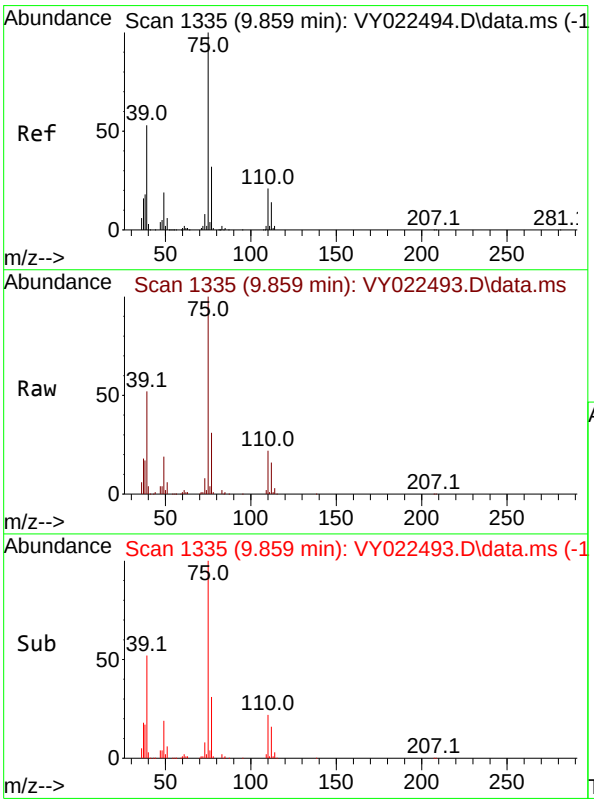
#53
t-1,3-Dichloropropene
Concen: 21.660 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 70358

Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.5	39.7

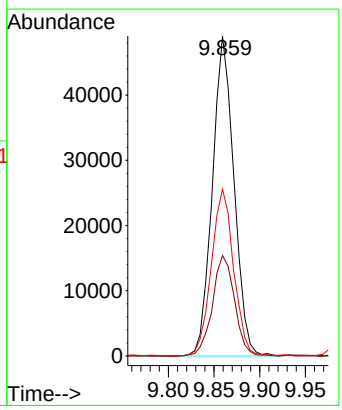


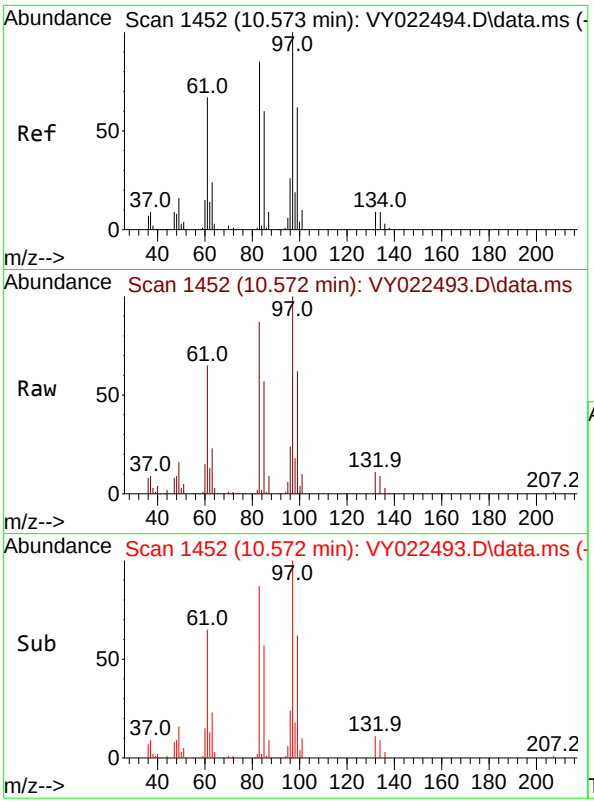


#54
cis-1,3-Dichloropropene
Concen: 21.141 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 80524

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9
39	52.1	42.7	64.1



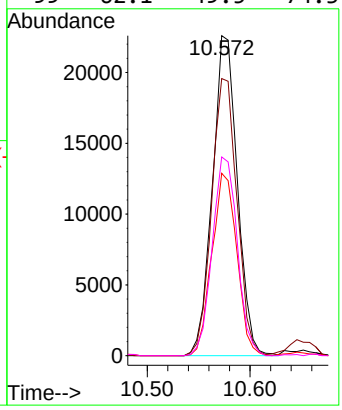


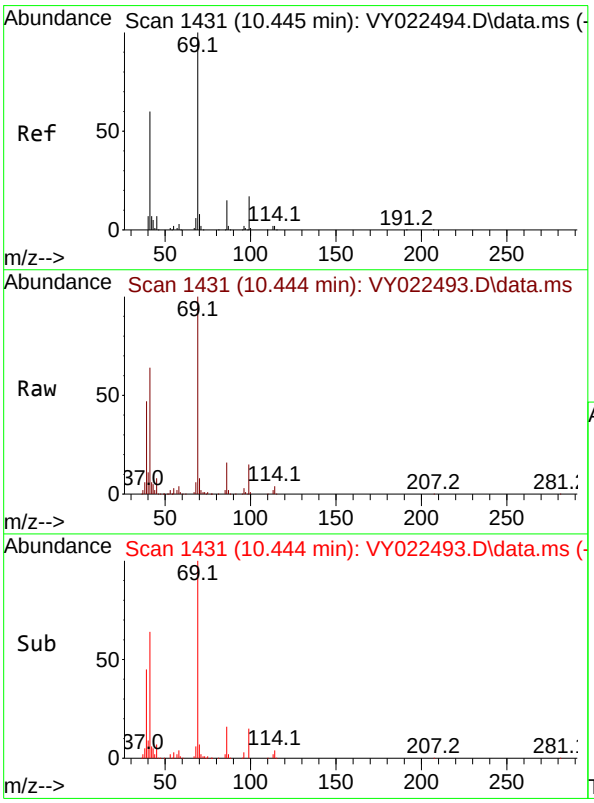
#55
1,1,2-Trichloroethane
Concen: 21.849 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 38079

Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.1	102.1
85	57.0	48.2	72.2
99	62.1	49.5	74.3

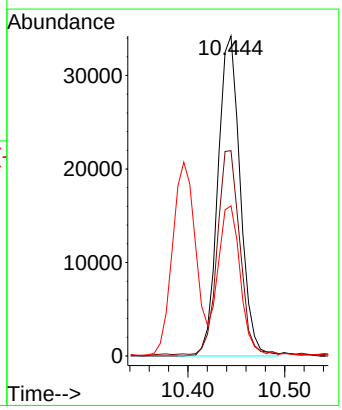


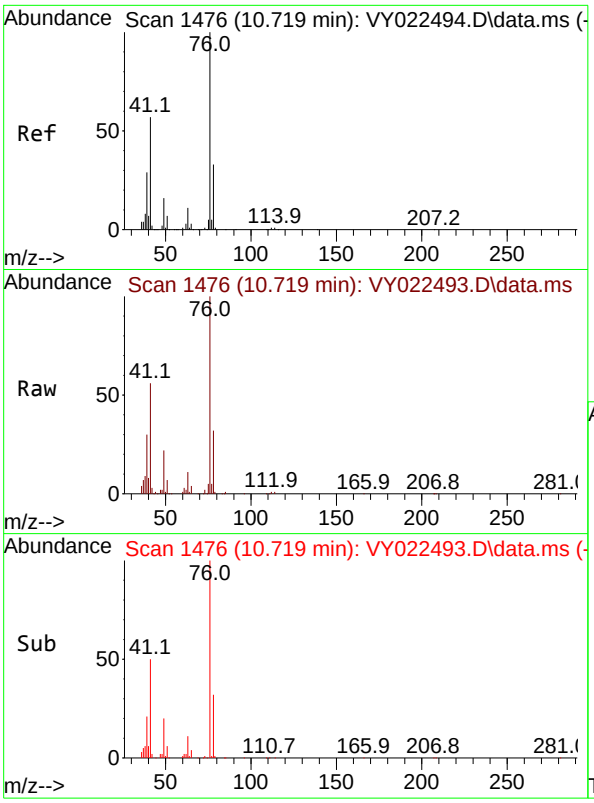


#56
Ethyl methacrylate
Concen: 21.626 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 69 Resp: 54734

Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.2	78.2
39	46.8	36.7	55.1



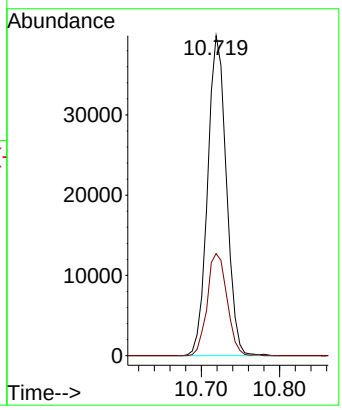


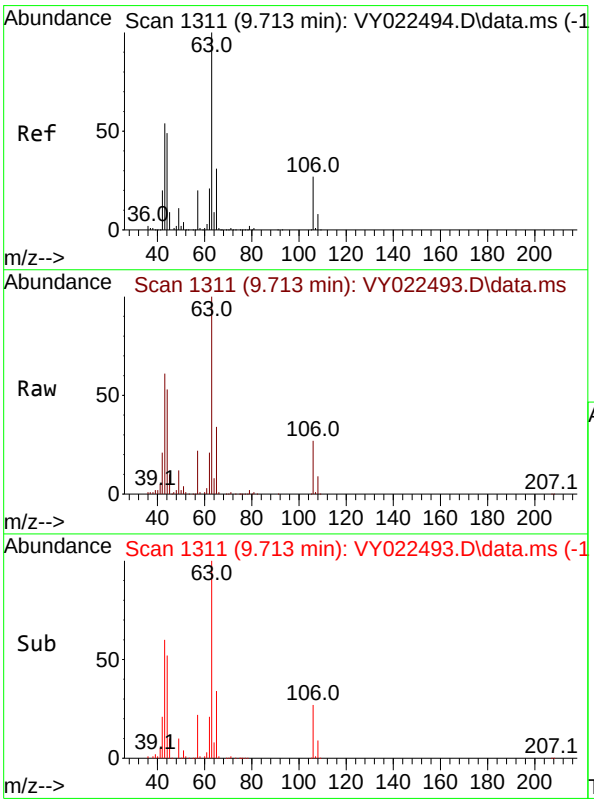
#57
1,3-Dichloropropane
Concen: 21.317 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 66163

Ion	Ratio	Lower	Upper
76	100		
78	33.8	25.8	38.8

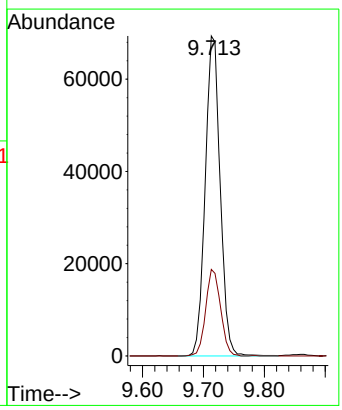


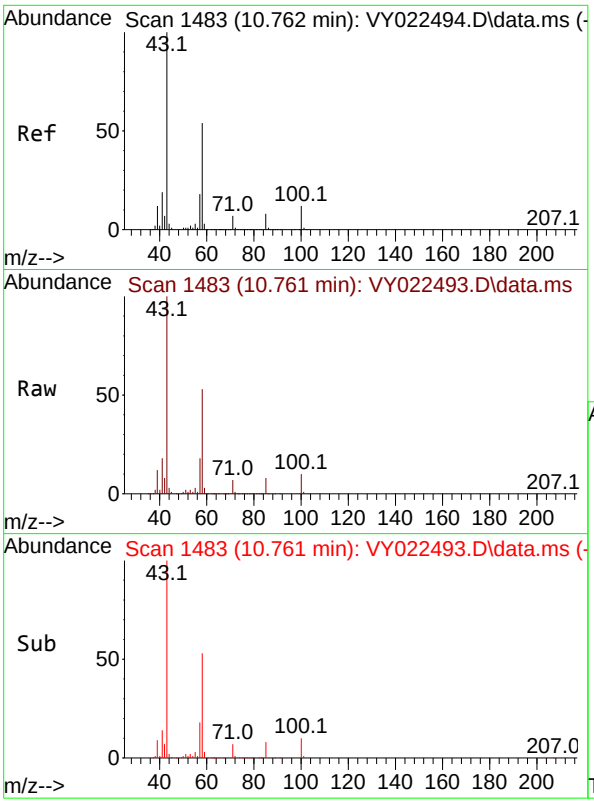


#58
2-Chloroethyl Vinyl ether
Concen: 104.797 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 63 Resp: 118244

Ion	Ratio	Lower	Upper
63	100		
106	26.8	21.6	32.4



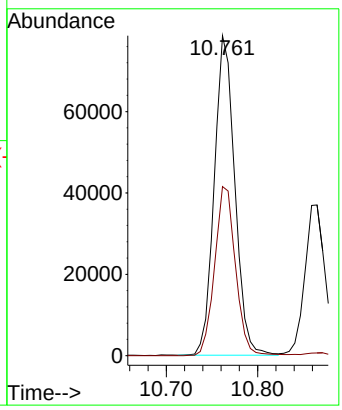


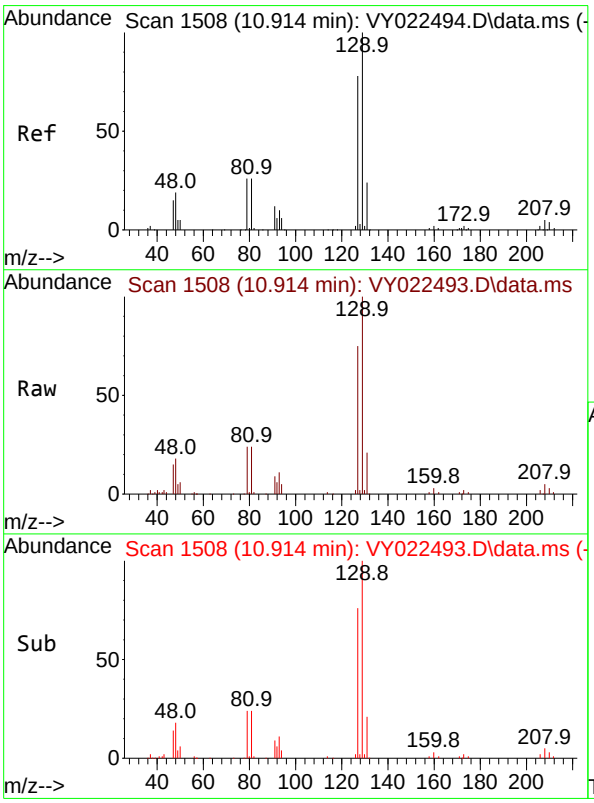
#59
2-Hexanone
Concen: 109.805 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 122817

Ion	Ratio	Lower	Upper
43	100		
58	53.8	27.3	81.8

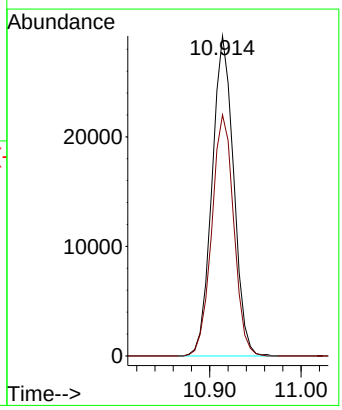


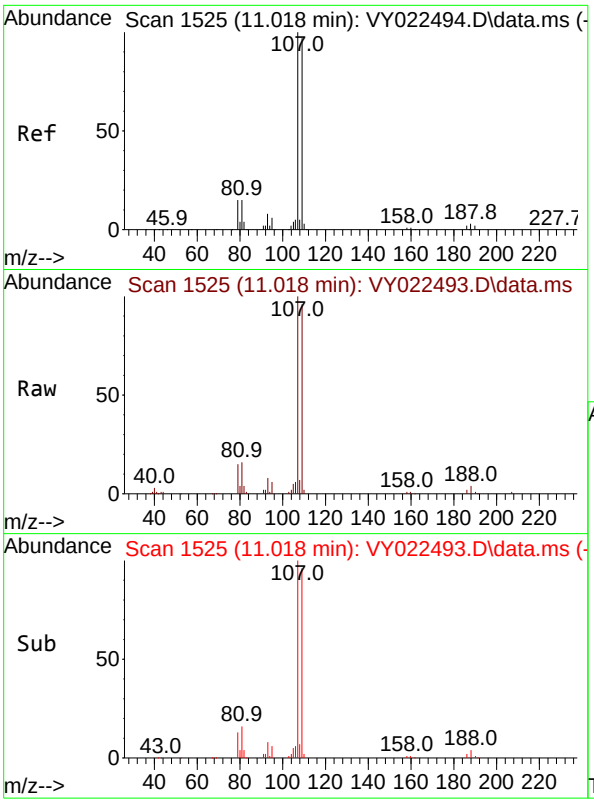


#60
Dibromochloromethane
Concen: 21.715 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:129 Resp: 47952

Ion	Ratio	Lower	Upper
129	100		
127	76.5	39.1	117.2



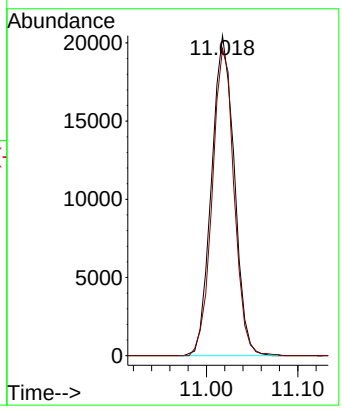


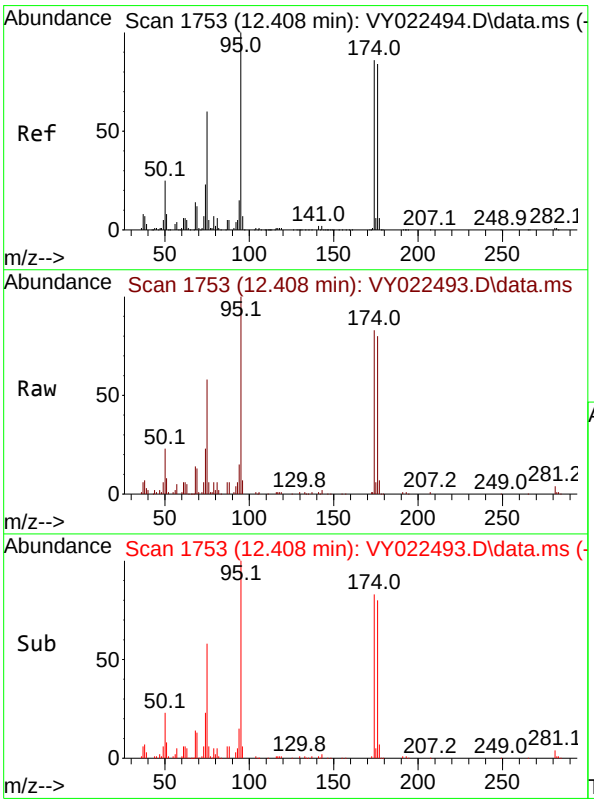
#61
1,2-Dibromoethane
Concen: 21.965 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 35324

Ion	Ratio	Lower	Upper
107	100		
109	92.4	77.7	116.5

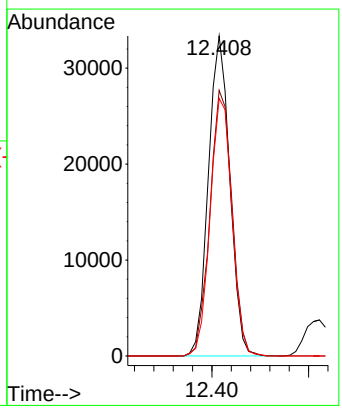


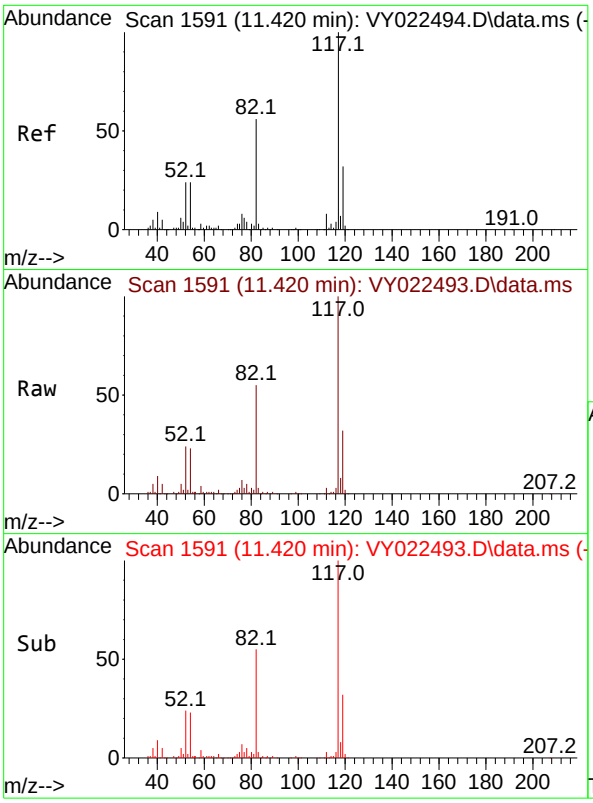


#62
4-Bromofluorobenzene
Concen: 19.225 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 95 Resp: 51231

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	170.0
176	82.3	0.0	166.2



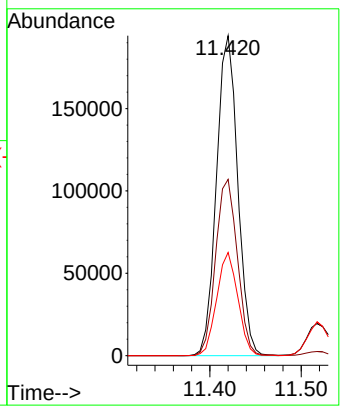


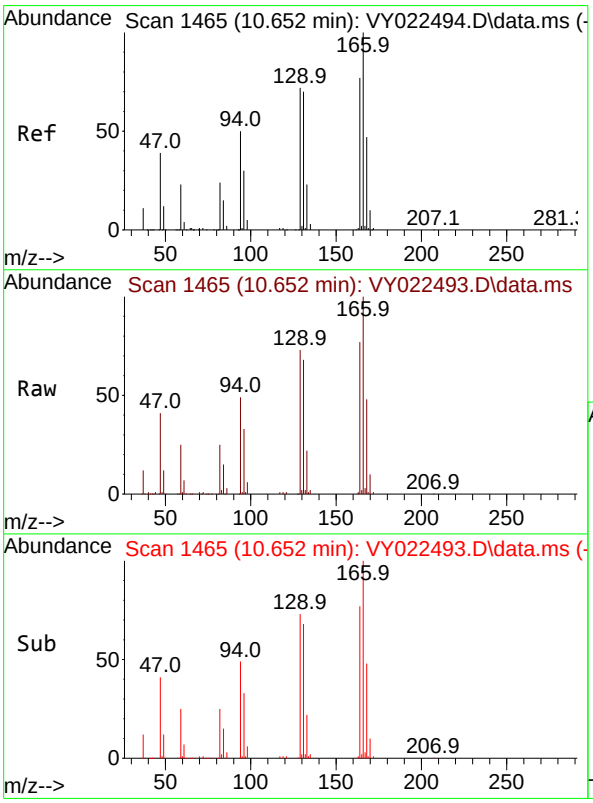
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 314276

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	66.8
119	32.2	25.4	38.0

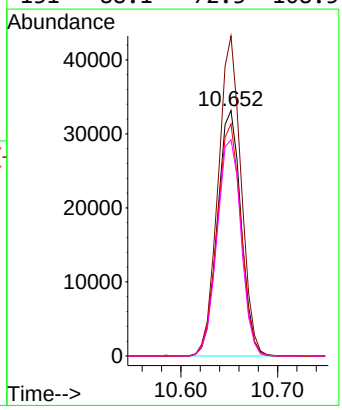


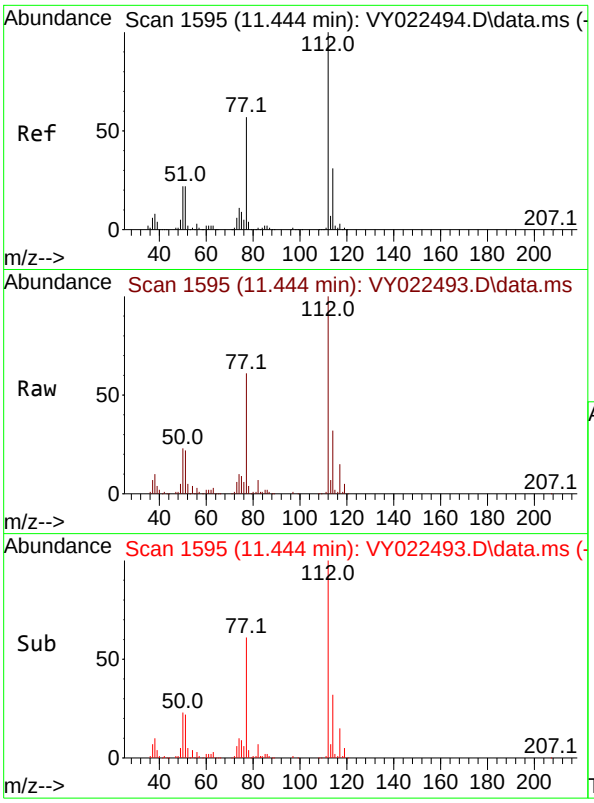


#64
Tetrachloroethene
Concen: 21.063 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:164 Resp: 56256

Ion	Ratio	Lower	Upper
164	100		
166	130.3	104.0	156.0
129	94.6	74.5	111.7
131	88.1	72.3	108.5



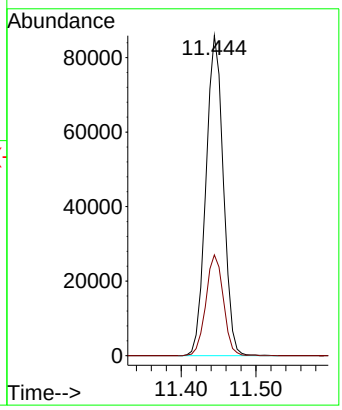


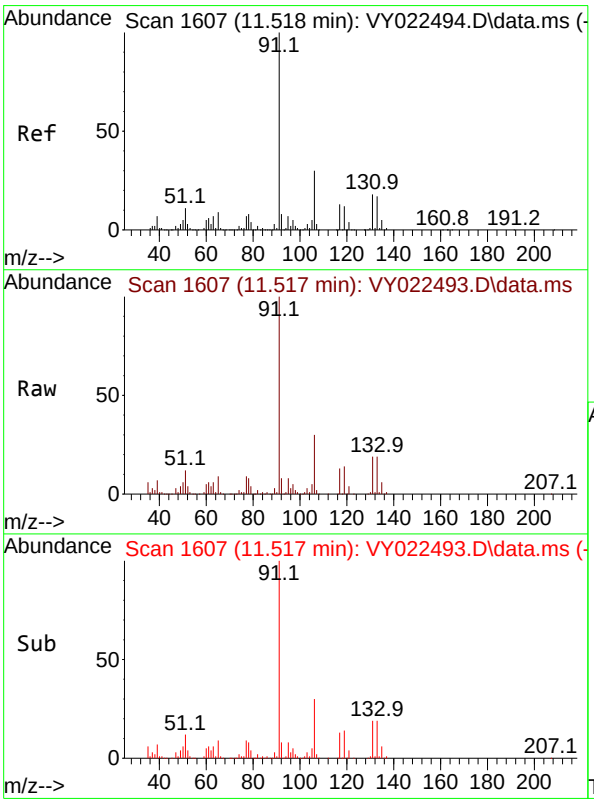
#65
Chlorobenzene
Concen: 20.336 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 138583

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.0	37.6

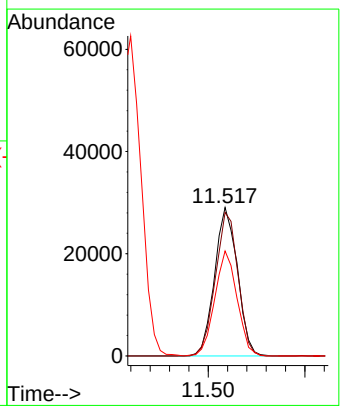


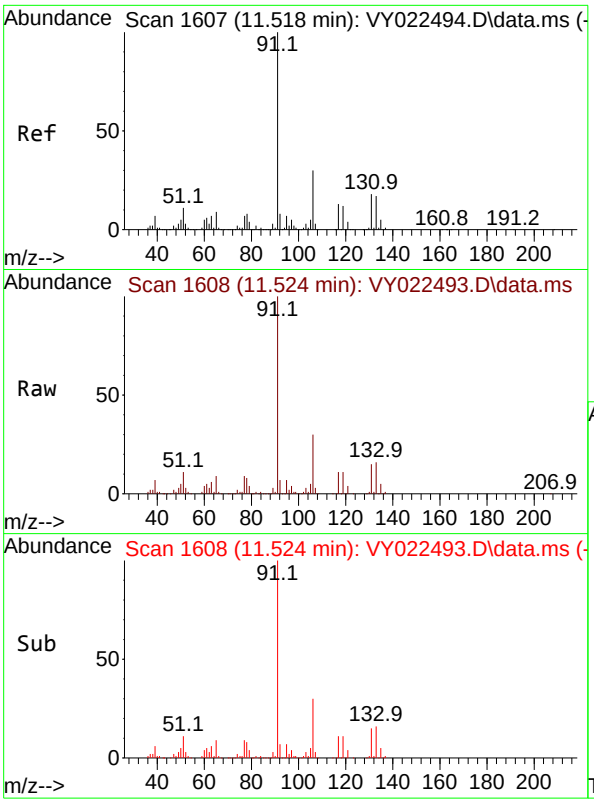


#66
1,1,1,2-Tetrachloroethane
Concen: 20.600 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:131 Resp: 47587

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	141.8
119	68.9	33.1	99.3



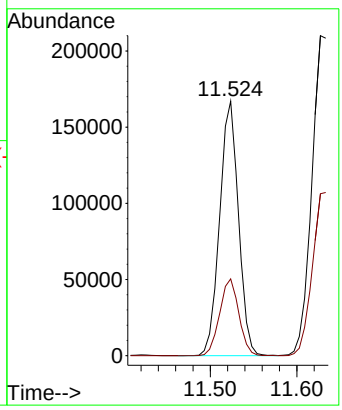


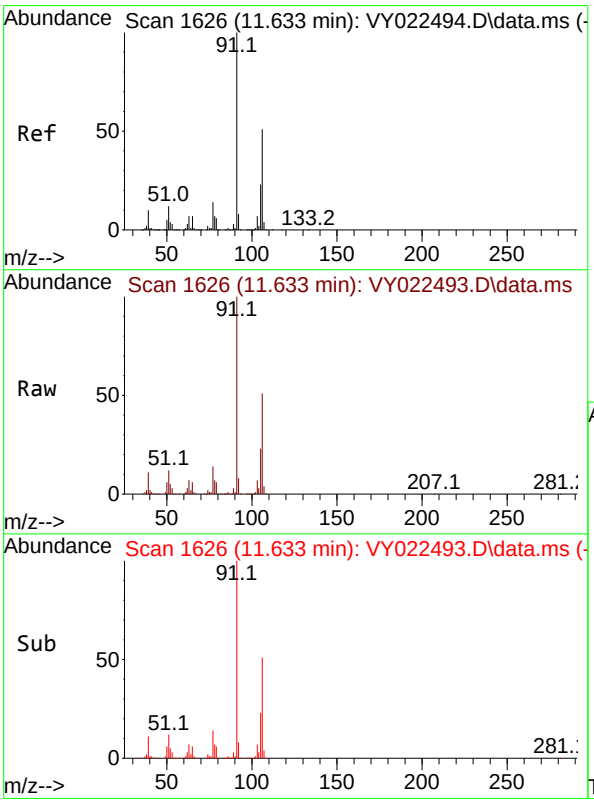
#67
Ethyl Benzene
Concen: 19.871 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 252180

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.4

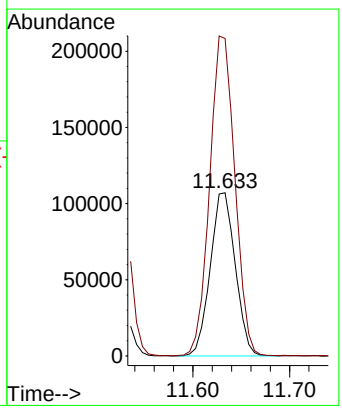


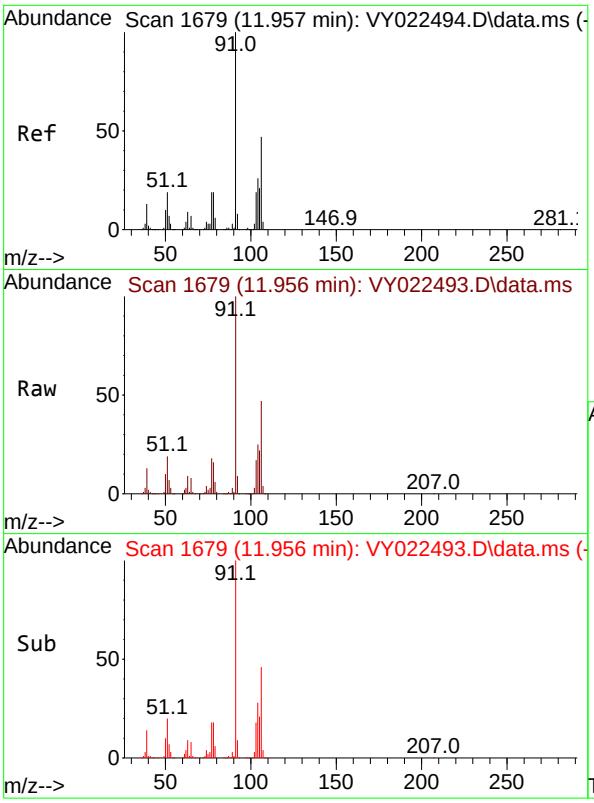


#68
m/p-Xylenes
Concen: 40.053 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:106 Resp: 192372

Ion	Ratio	Lower	Upper
106	100		
91	197.2	159.4	239.0



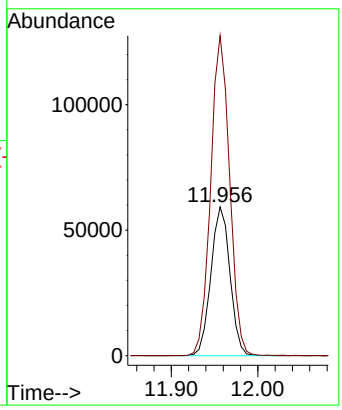


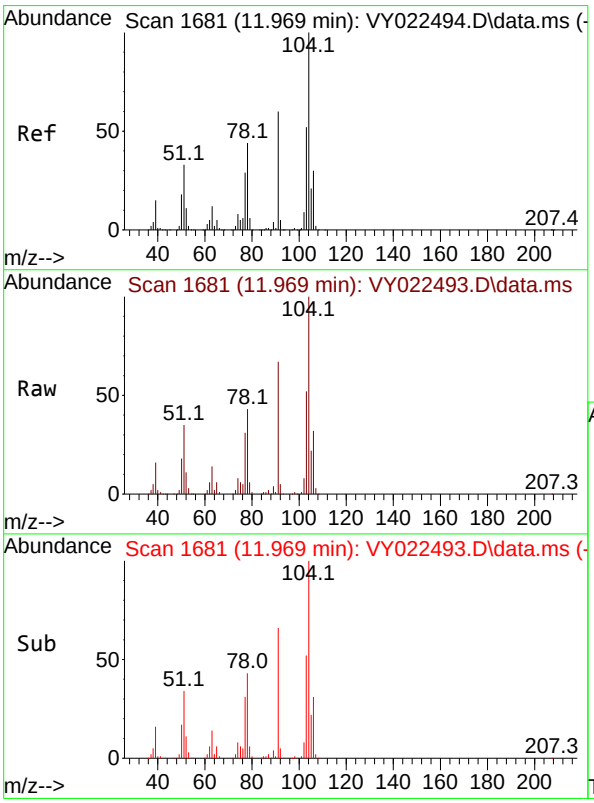
#69
o-Xylene
Concen: 20.155 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 90598

Ion	Ratio	Lower	Upper
106	100		
91	214.1	105.8	317.3

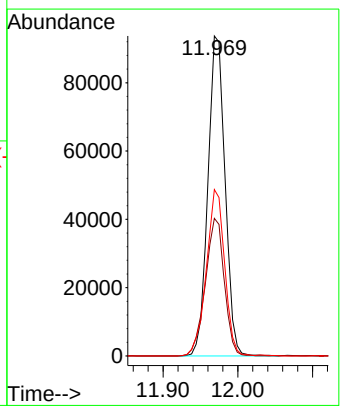


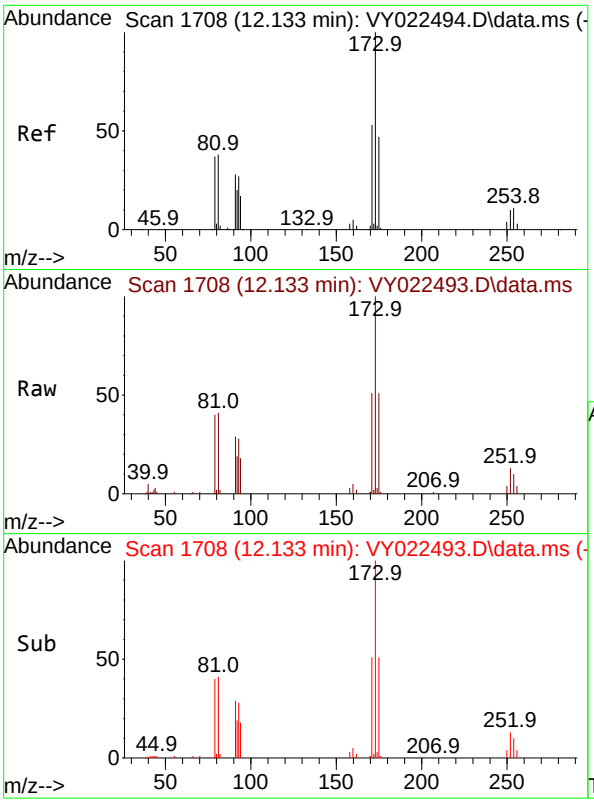


#70
Styrene
Concen: 20.086 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:104 Resp: 149486

Ion	Ratio	Lower	Upper
104	100		
78	47.5	39.5	59.3
103	55.4	44.1	66.1



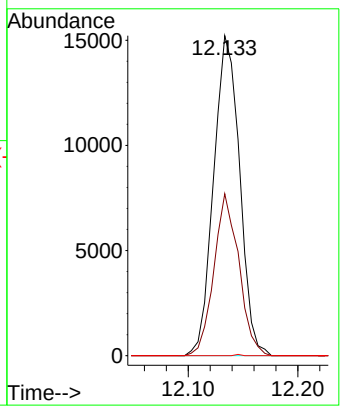


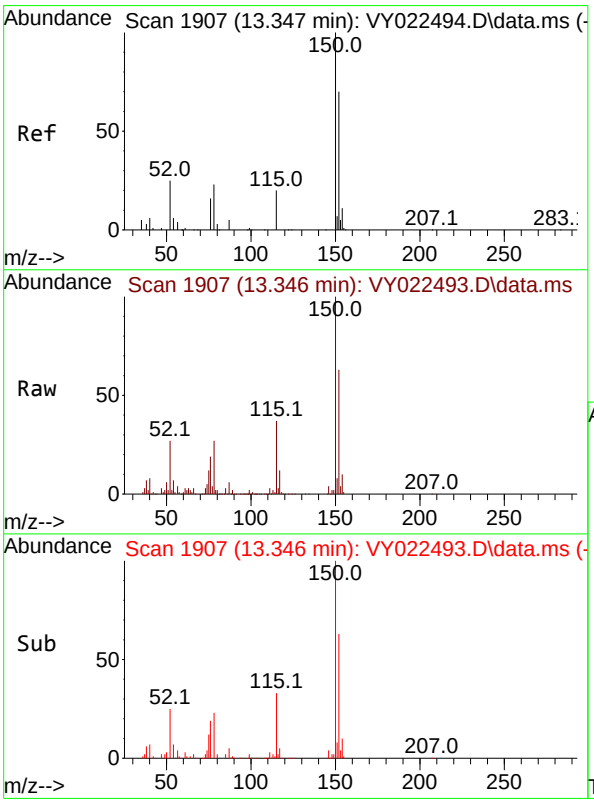
#71
Bromoform
Concen: 20.668 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 25089

Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.5
254	0.1	0.0	0.0#

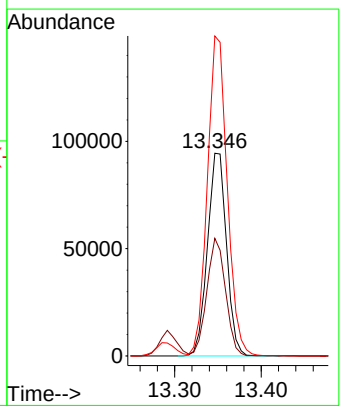


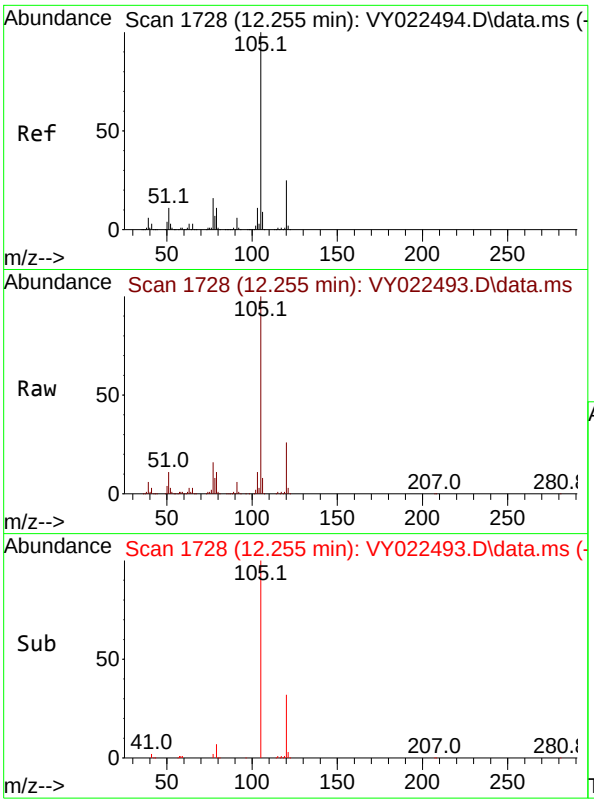


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:152 Resp: 144385

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.9	86.7
150	164.8	0.0	349.6



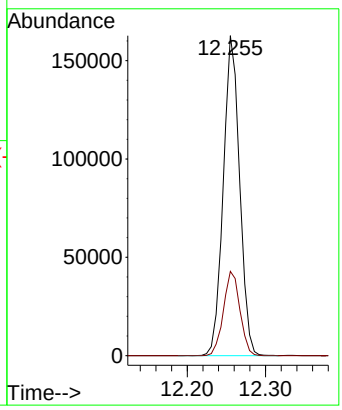


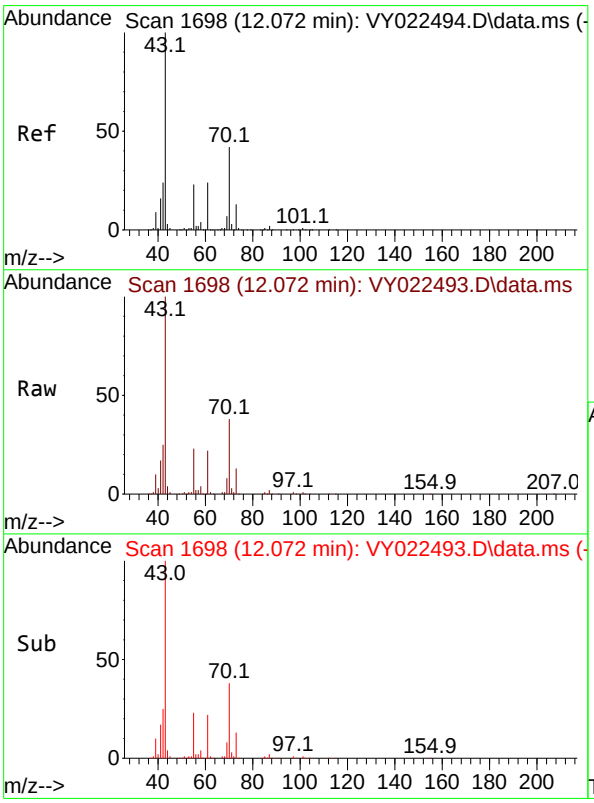
#73
Isopropylbenzene
Concen: 20.303 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 236185

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.0	38.9

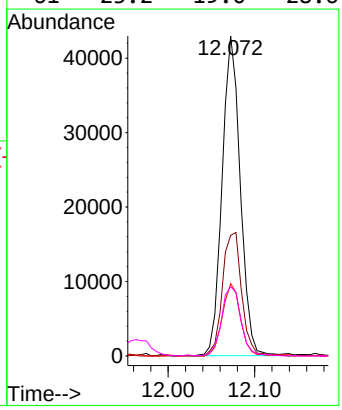


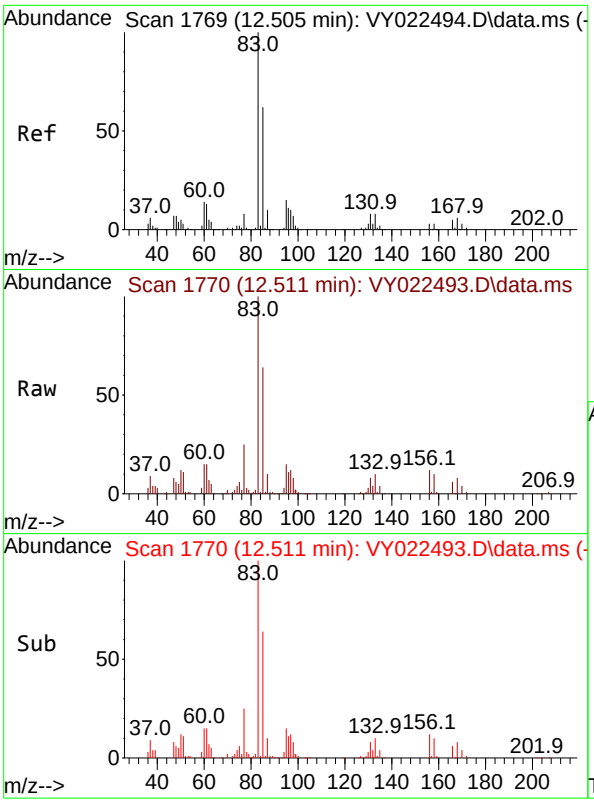


#74
N-amyl acetate
Concen: 21.224 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 62437

Ion	Ratio	Lower	Upper
43	100		
70	41.2	34.2	51.2
55	22.6	18.2	27.4
61	23.2	19.0	28.6



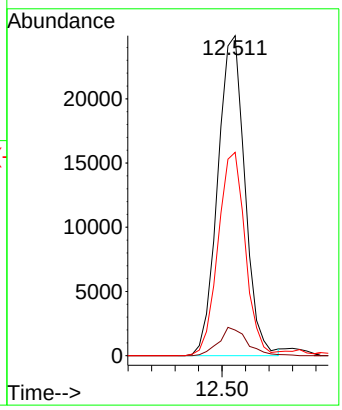


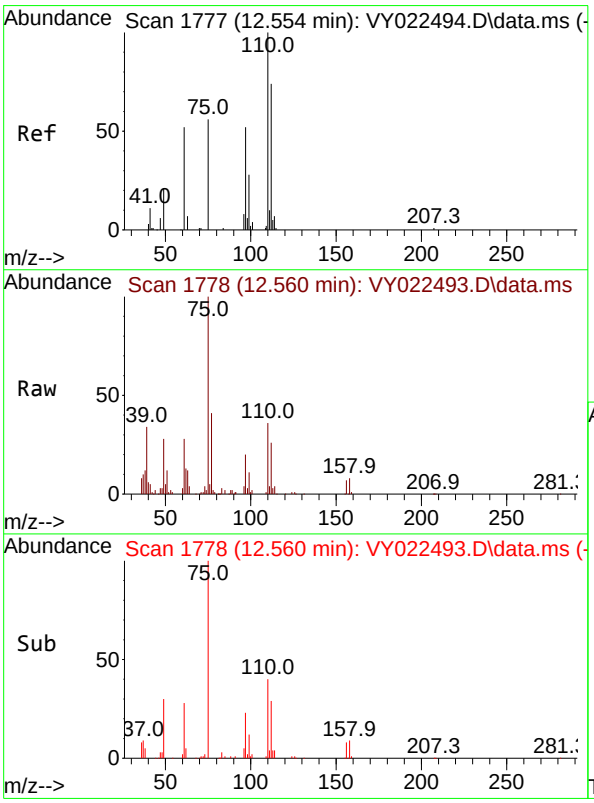
#75
1,1,2,2-Tetrachloroethane
Concen: 21.165 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 39986

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	63.8	32.6	97.8

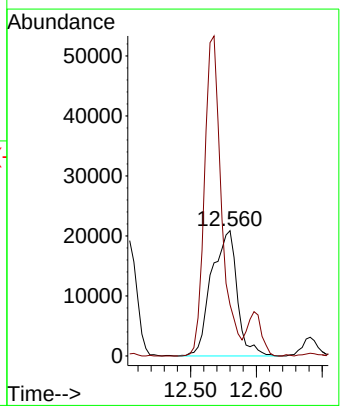


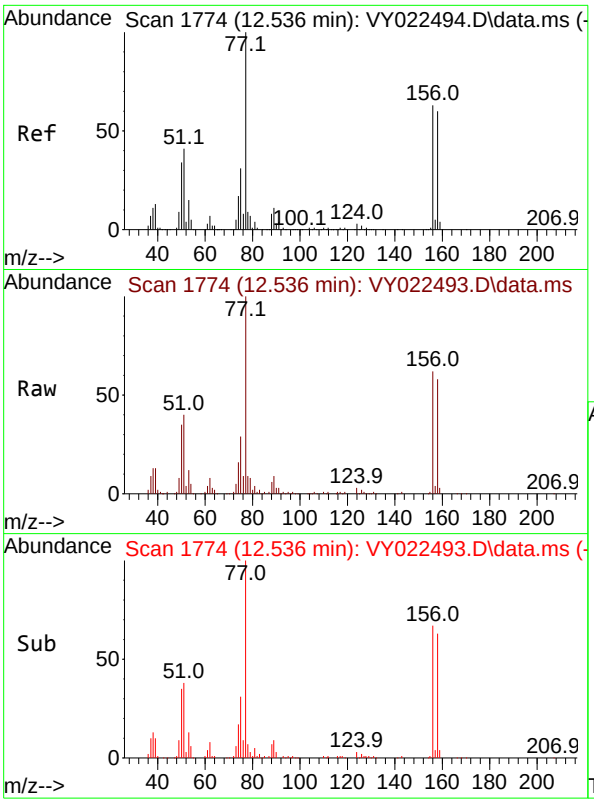


#76
1,2,3-Trichloropropane
Concen: 29.805 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 56811

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



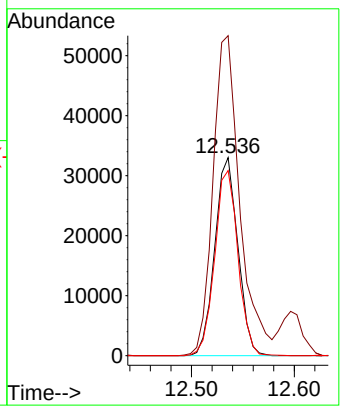


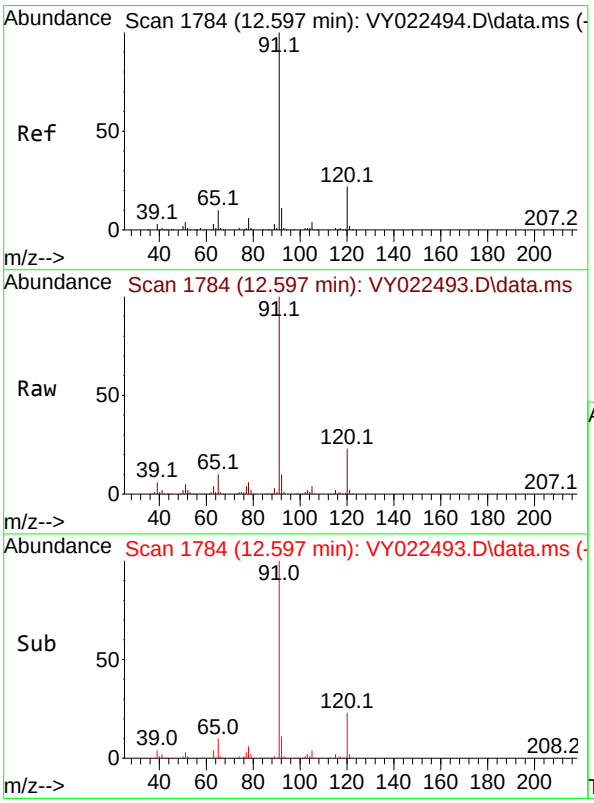
#77
Bromobenzene
Concen: 20.853 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 51416

Ion	Ratio	Lower	Upper
156	100		
77	187.6	94.0	282.1
158	94.2	48.2	144.6

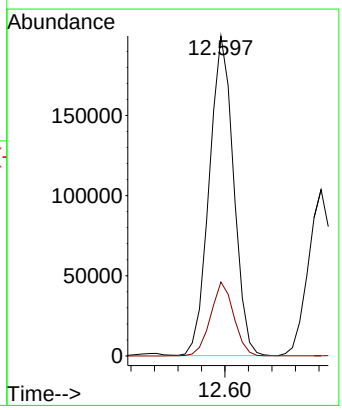


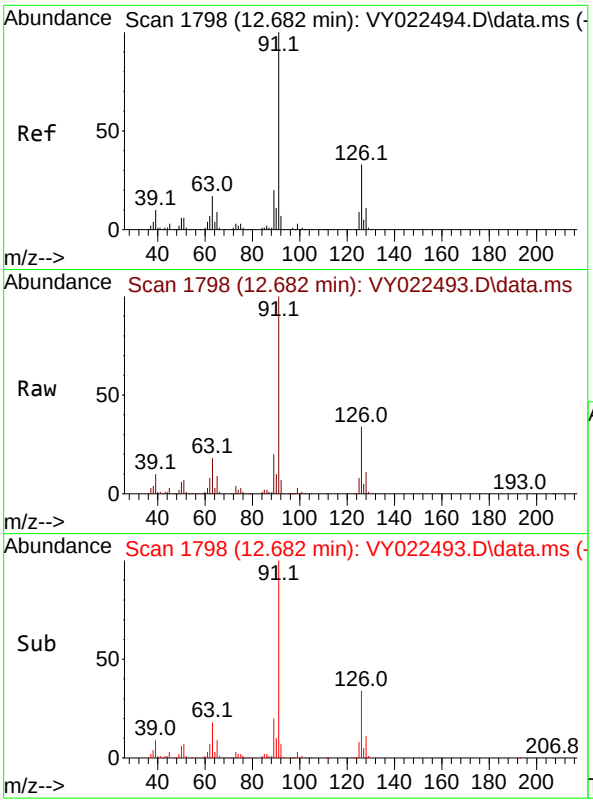


#78
n-propylbenzene
Concen: 20.239 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 286589

Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.8	32.4



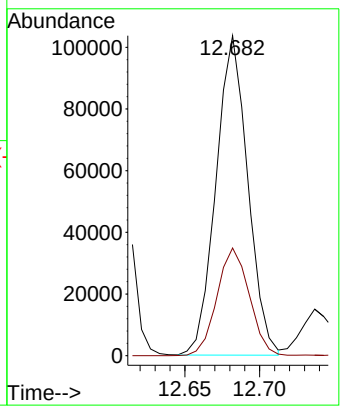


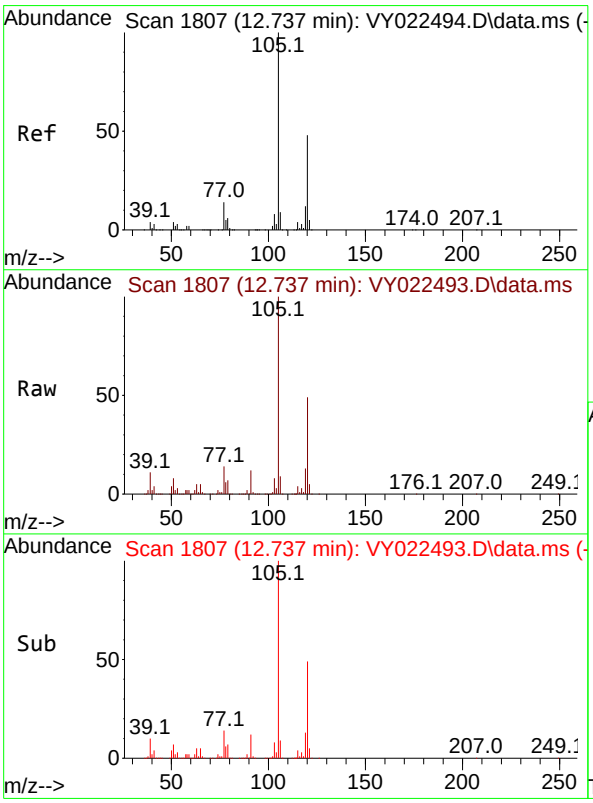
#79
2-Chlorotoluene
Concen: 20.497 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 153250

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	51.0

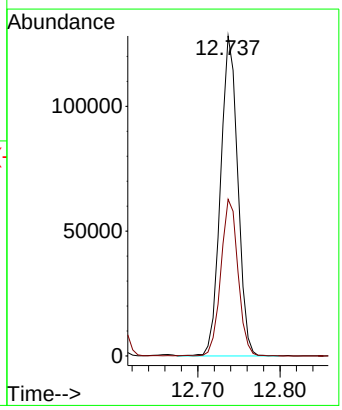


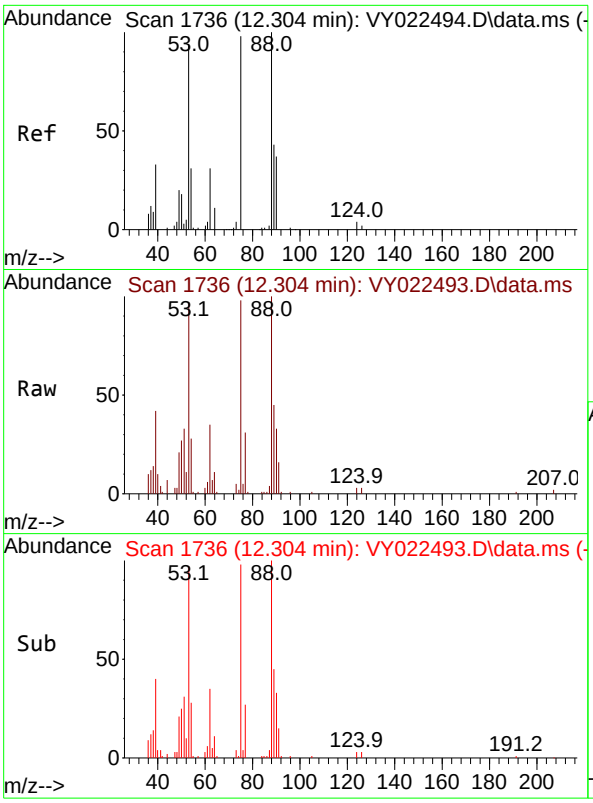


#80
1,3,5-Trimethylbenzene
Concen: 20.570 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:105 Resp: 187101

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.1	72.4



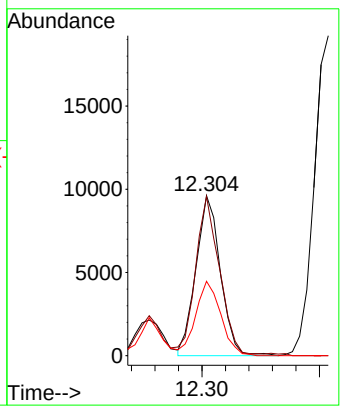


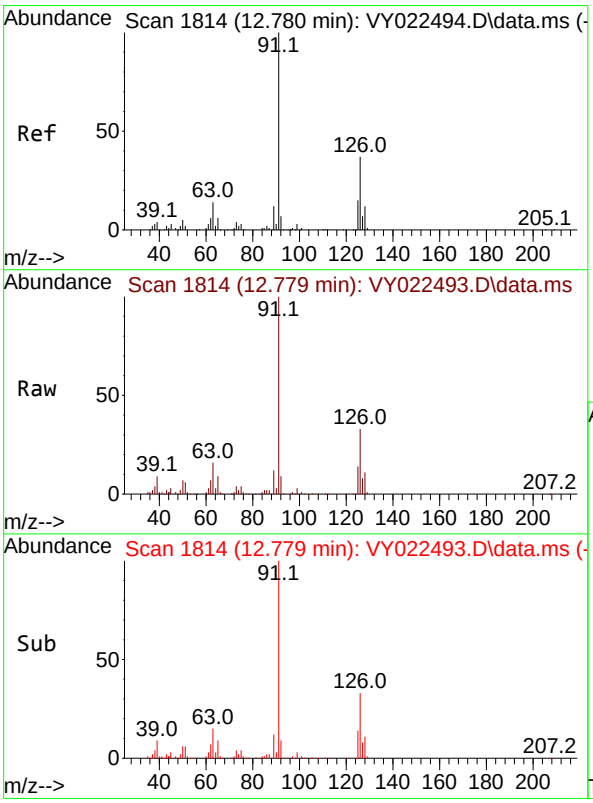
#81
trans-1,4-Dichloro-2-butene
Concen: 20.904 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 13897

Ion	Ratio	Lower	Upper
75	100		
53	96.6	78.5	117.7
89	47.7	35.7	53.5

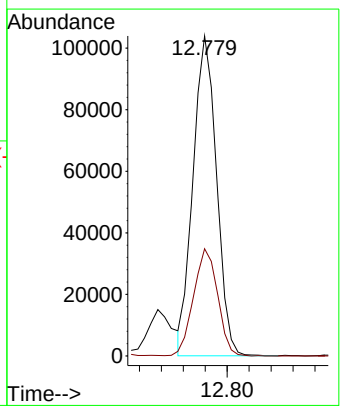


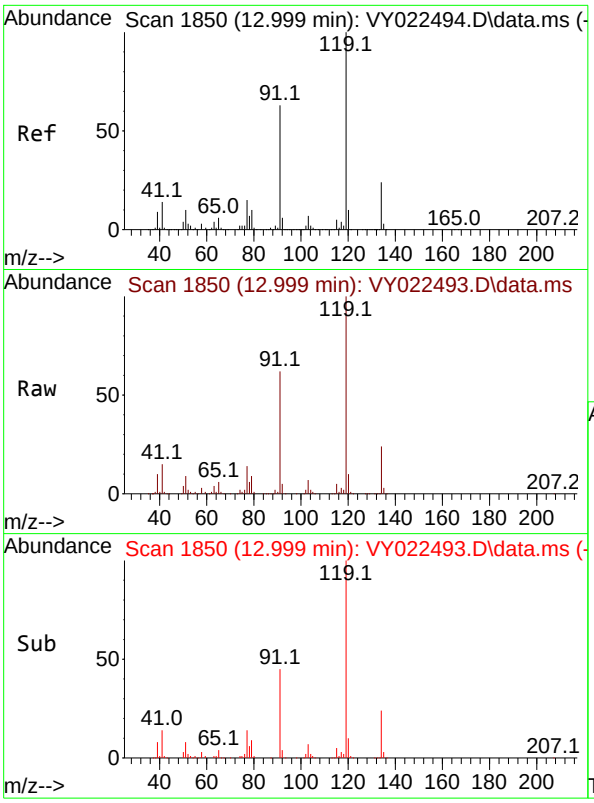


#82
4-Chlorotoluene
Concen: 19.951 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 154601

Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.0	50.9



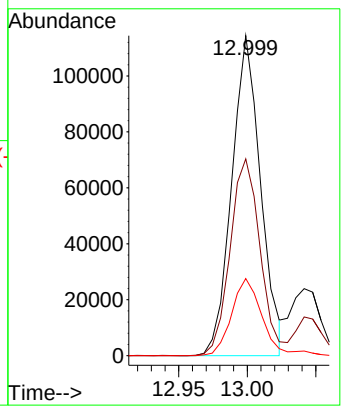


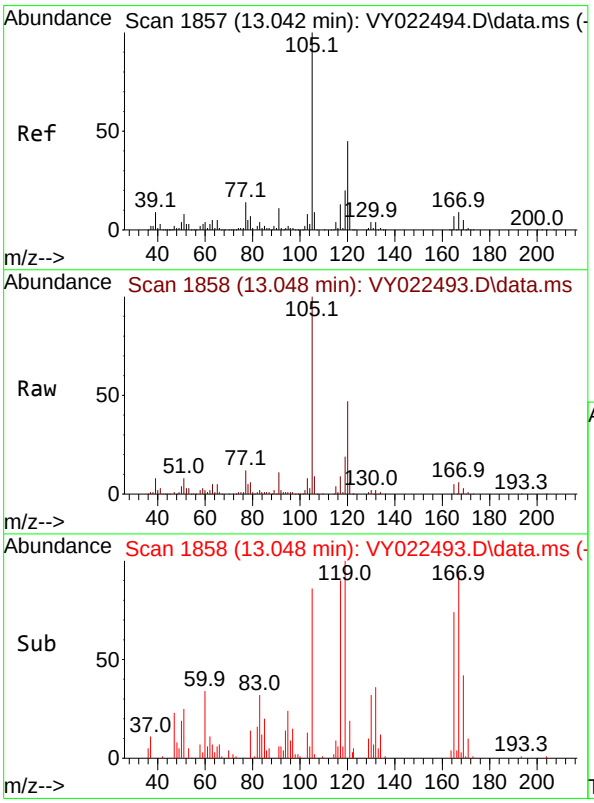
#83
tert-Butylbenzene
Concen: 20.188 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 167512

Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.1	96.3
134	25.7	13.0	38.9

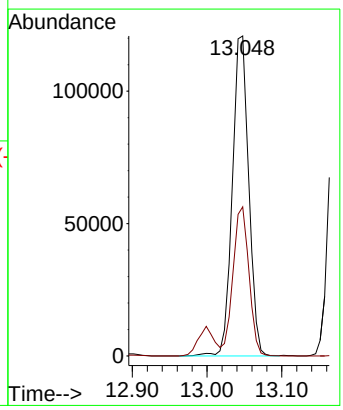


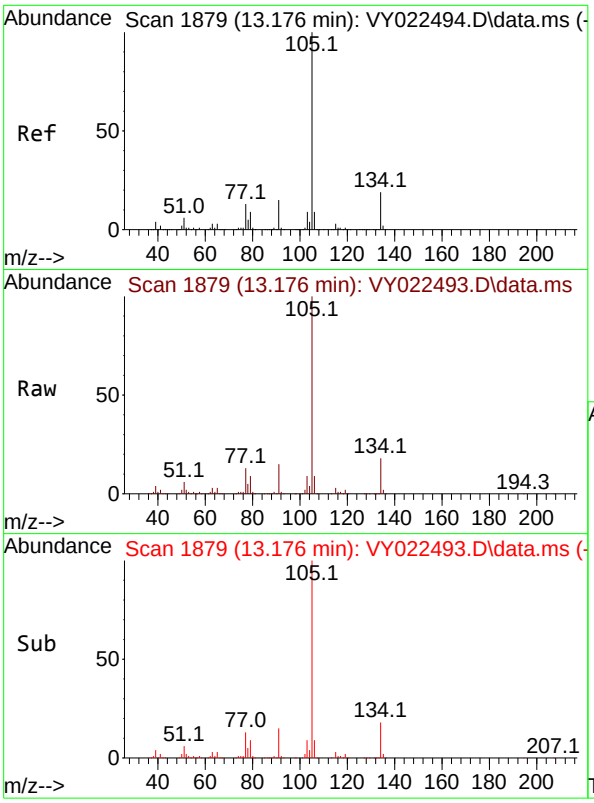


#84
1,2,4-Trimethylbenzene
Concen: 20.241 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:105 Resp: 184202

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.1



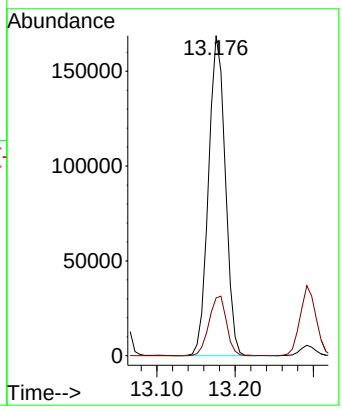


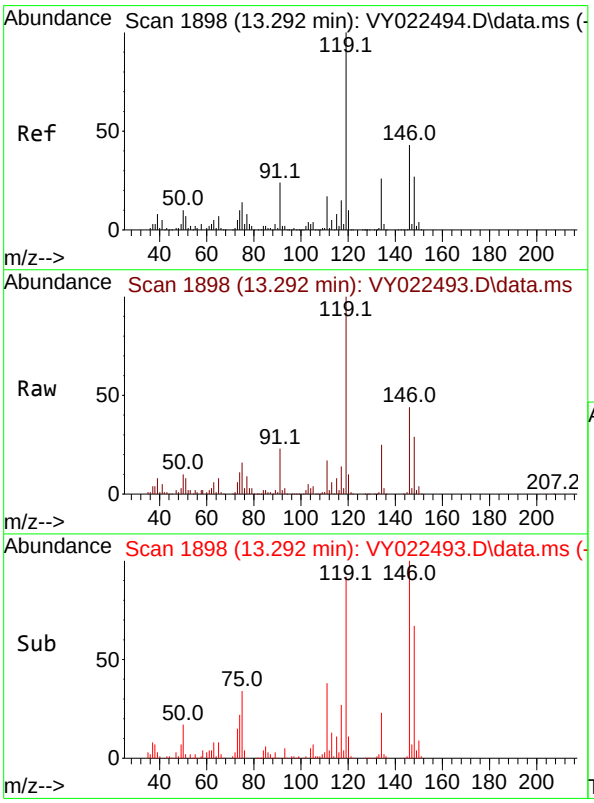
#85
sec-Butylbenzene
Concen: 19.979 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 251350

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

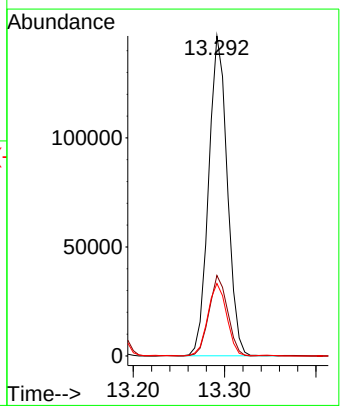


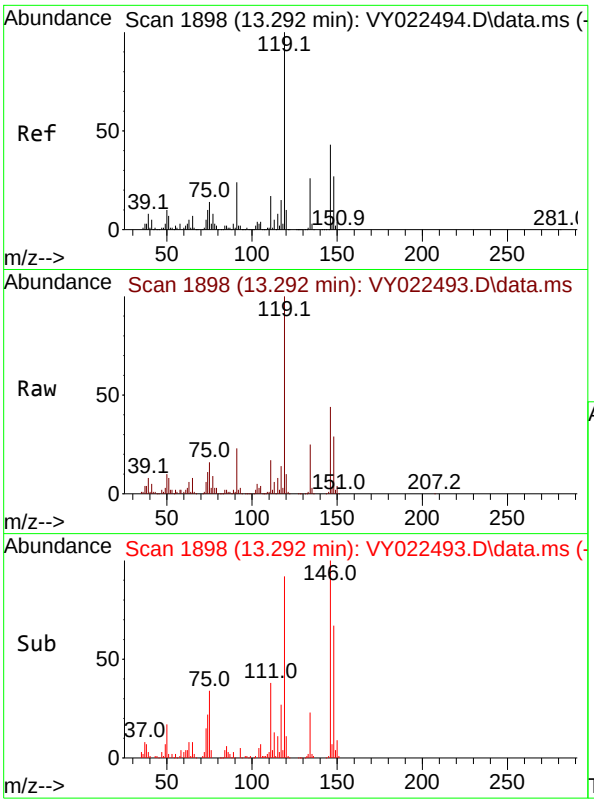


#86
p-Isopropyltoluene
Concen: 20.054 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:119 Resp: 207417

Ion	Ratio	Lower	Upper
119	100		
134	25.1	13.1	39.1
91	22.8	11.6	34.8



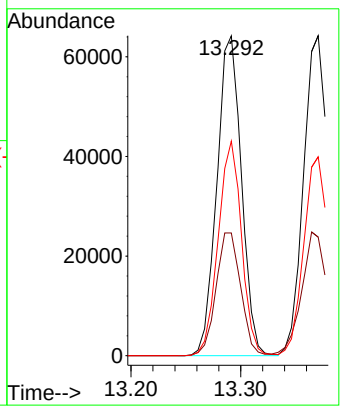


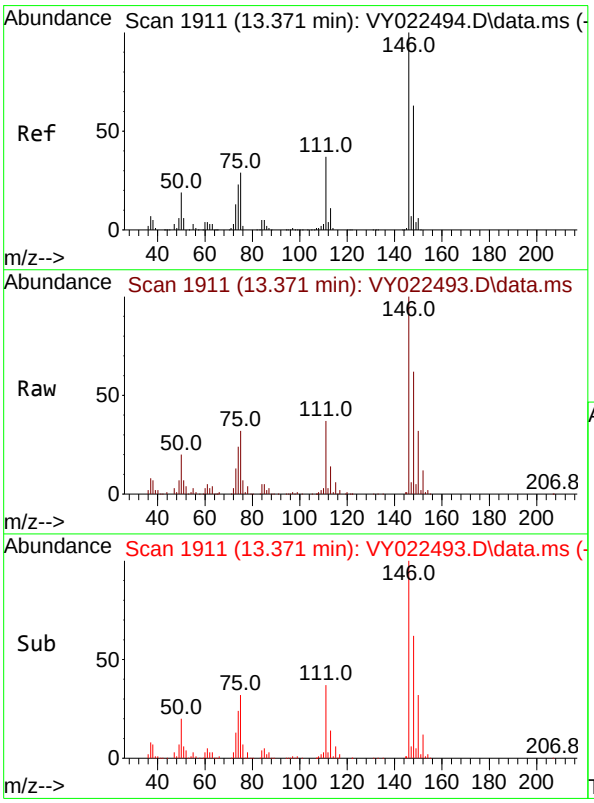
#87
1,3-Dichlorobenzene
Concen: 20.252 ug/l
RT: 13.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 99901

Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	63.9	32.1	96.3

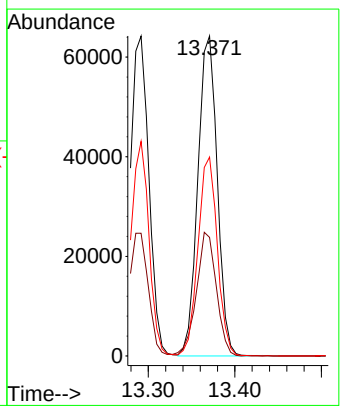


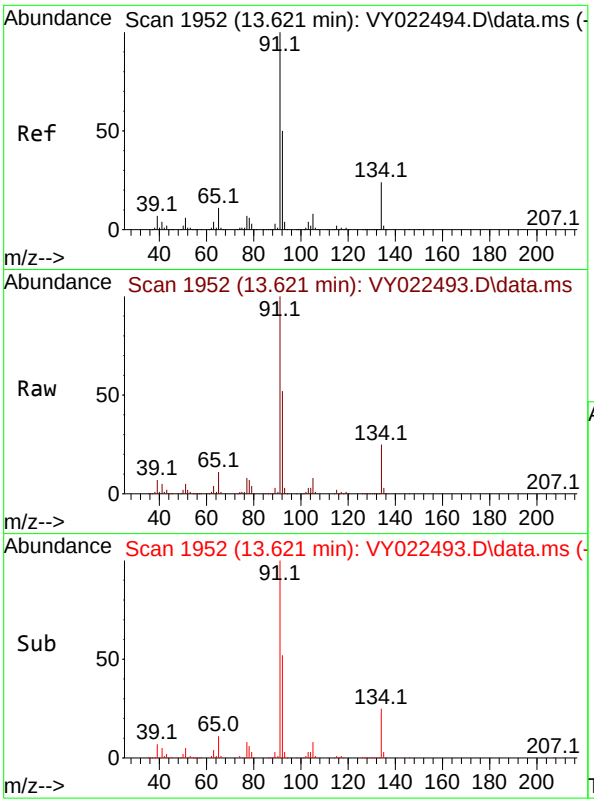


#88
1,4-Dichlorobenzene
Concen: 20.823 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:146 Resp: 100082

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.4	58.2
148	62.1	31.6	94.8



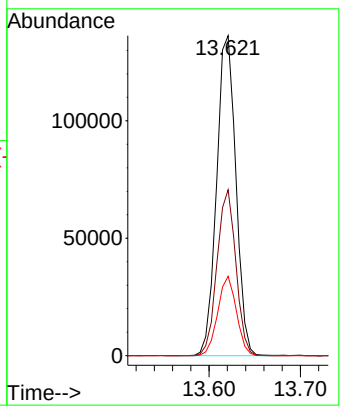


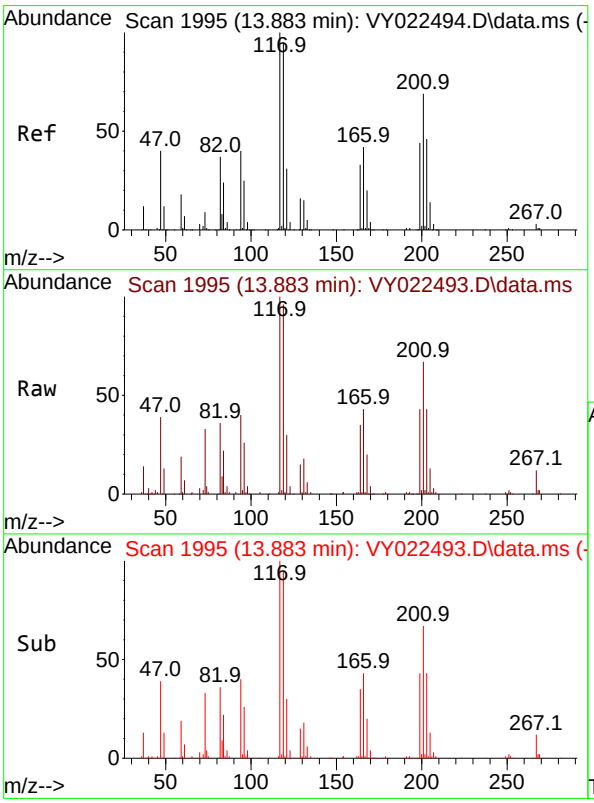
#89
n-Butylbenzene
Concen: 20.287 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 199786

Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.9	77.8
134	24.1	12.0	36.1

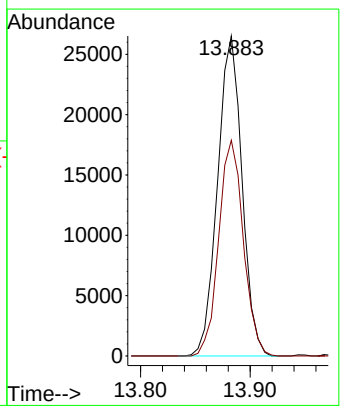


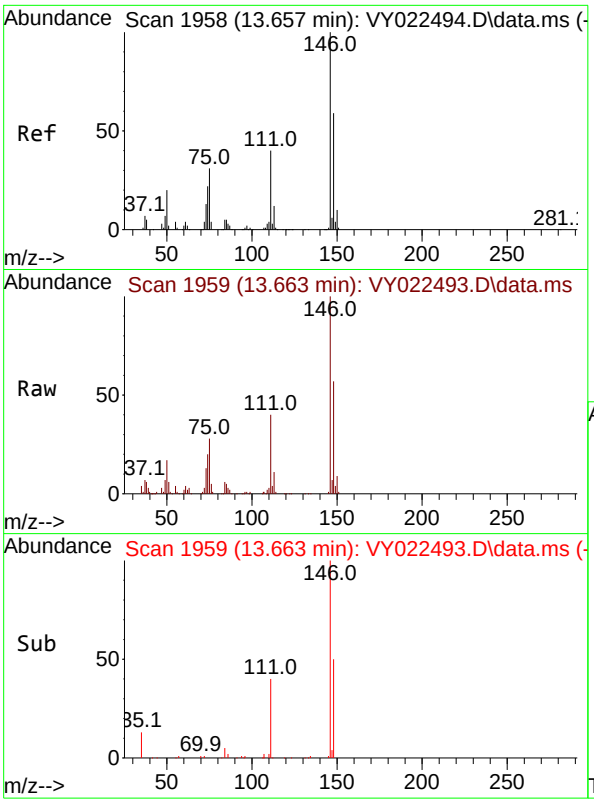


#90
Hexachloroethane
Concen: 20.316 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:117 Resp: 41119

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.0	102.0



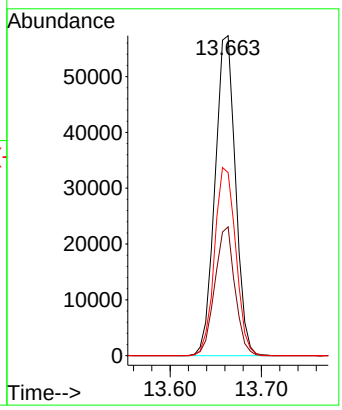


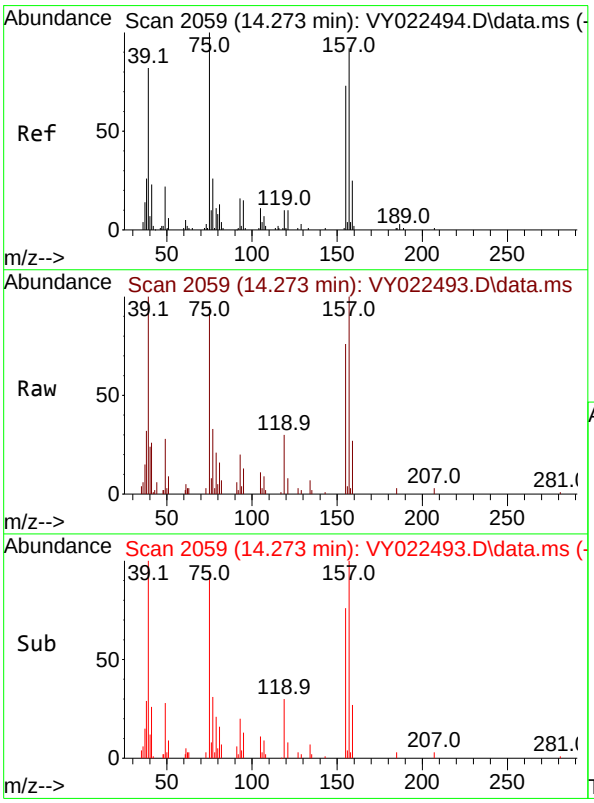
#91
1,2-Dichlorobenzene
Concen: 21.085 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 89355

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.6
148	60.9	31.4	94.0

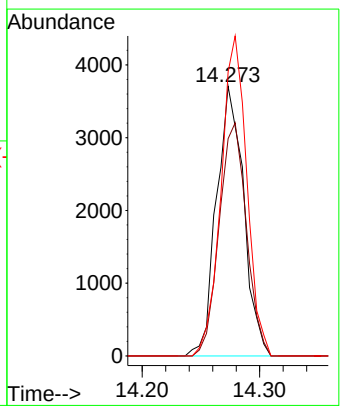


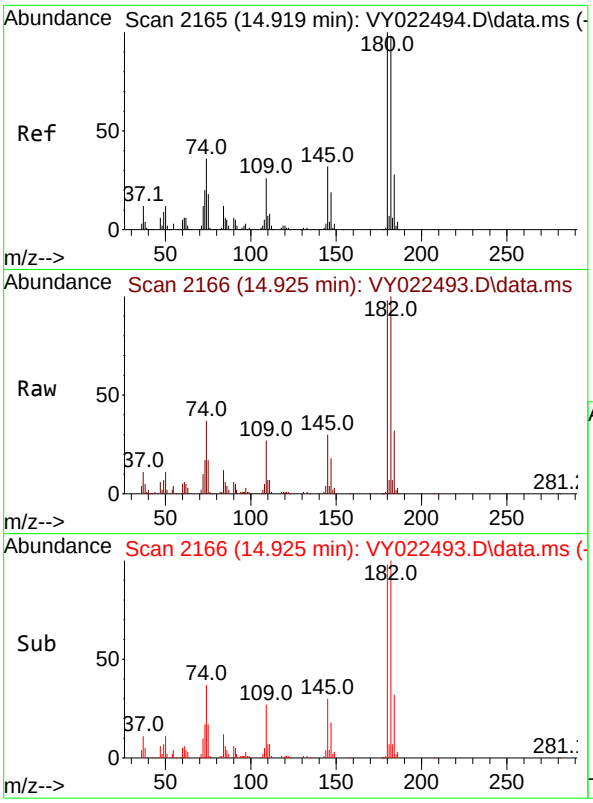


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.796 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 5939

Ion	Ratio	Lower	Upper
75	100		
155	87.0	39.9	119.6
157	112.6	54.0	162.0



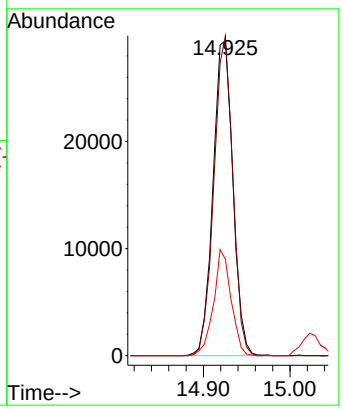


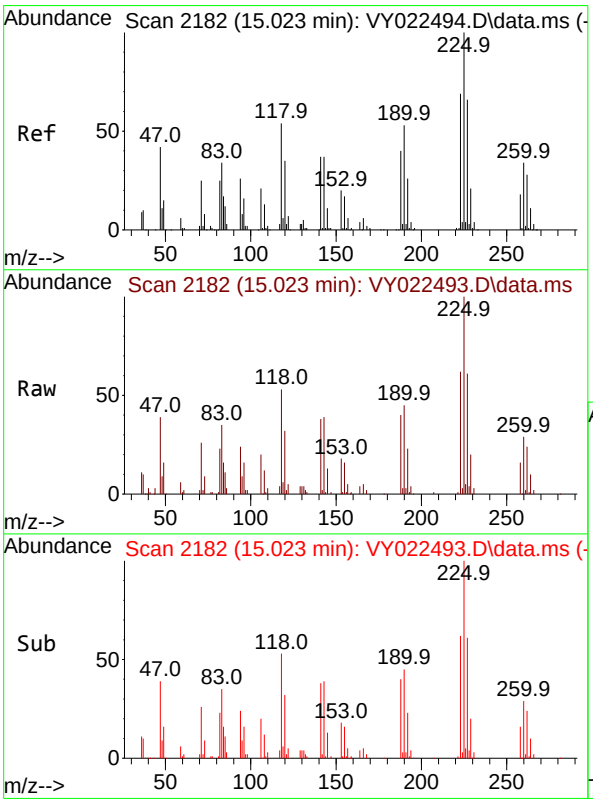
#93
1,2,4-Trichlorobenzene
Concen: 20.254 ug/l
RT: 14.925 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 46919

Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.4	145.3
145	29.8	15.5	46.5

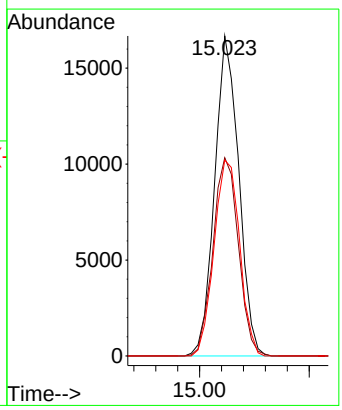


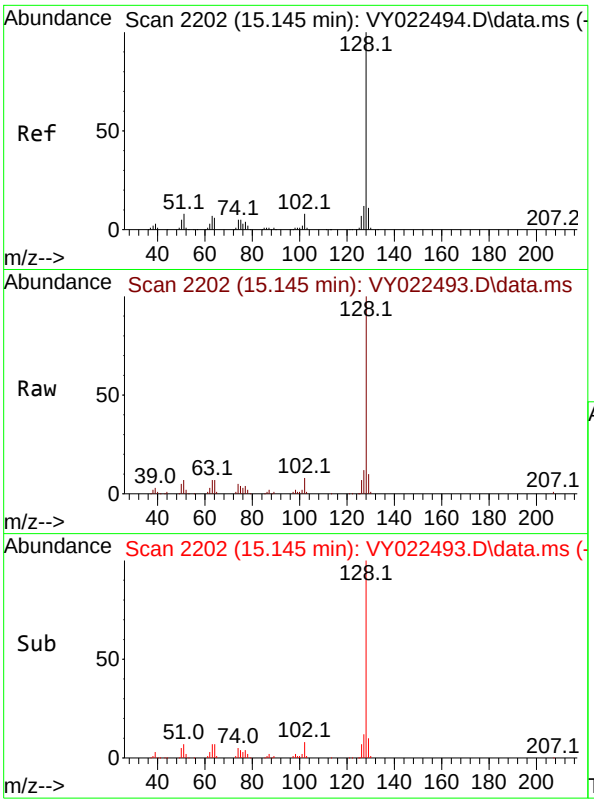


#94
Hexachlorobutadiene
Concen: 20.124 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:225 Resp: 25462

Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.5	97.4
227	65.0	32.3	96.9



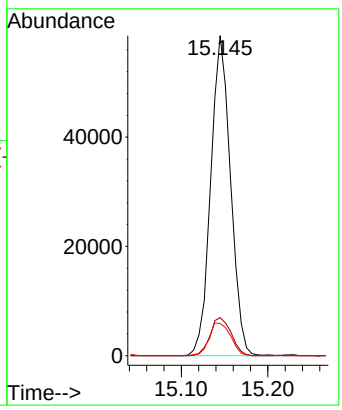


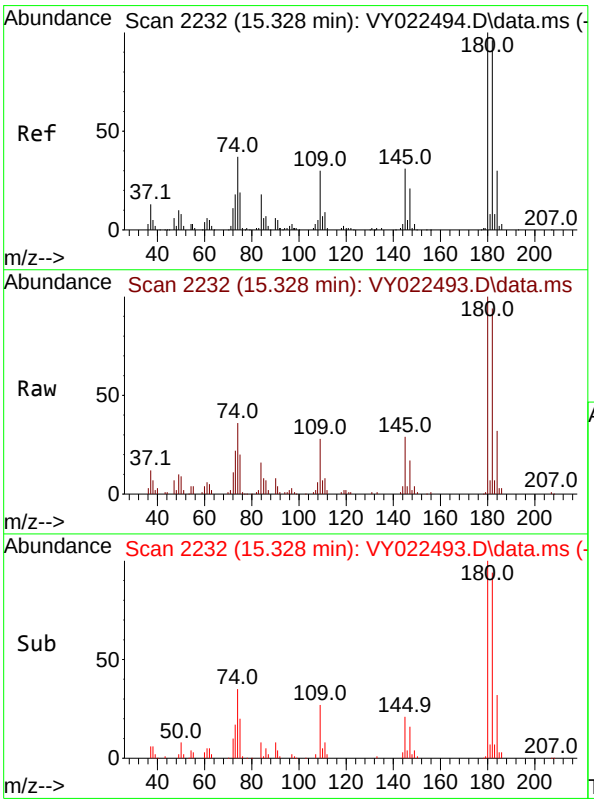
#95
Naphthalene
Concen: 20.994 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 93203

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.1	8.9	13.3

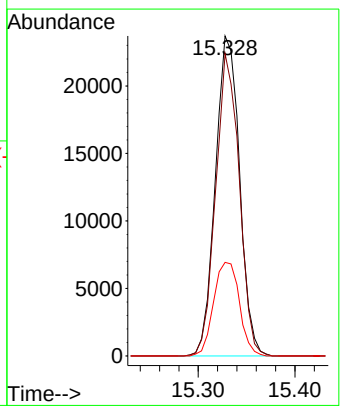




#96
1,2,3-Trichlorobenzene
Concen: 20.892 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:180 Resp: 41131

Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.1	141.3
145	31.1	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	209963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	139554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	124098	54.320	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.640%			
35) Dibromofluoromethane	7.640	113	112624	54.514	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.020%			
50) Toluene-d8	10.109	98	448690	53.734	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.408	95	130393	51.503	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	86654	47.230	ug/l	100
3) Chloromethane	2.068	50	258324	47.727	ug/l	100
4) Vinyl Chloride	2.202	62	314332	49.618	ug/l	100
5) Bromomethane	2.598	94	260442	43.463	ug/l	100
6) Chloroethane	2.739	64	202595	46.711	ug/l	100
7) Trichlorofluoromethane	3.056	101	257006	47.749	ug/l	100
8) Diethyl Ether	3.464	74	61045	51.349	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	112910	50.009	ug/l	100
10) Methyl Iodide	4.007	142	135237	55.855	ug/l	100
11) Tert butyl alcohol	4.885	59	41304	253.096	ug/l	100
12) 1,1-Dichloroethene	3.800	96	108756	50.463	ug/l	100
13) Acrolein	3.659	56	50388	252.946	ug/l	100
14) Allyl chloride	4.391	41	169258	50.399	ug/l	100
15) Acrylonitrile	5.068	53	132018	261.075	ug/l	100
16) Acetone	3.879	43	121507	269.036	ug/l	100
17) Carbon Disulfide	4.110	76	349342	50.769	ug/l	100
18) Methyl Acetate	4.397	43	69815	51.384	ug/l	100
19) Methyl tert-butyl Ether	5.129	73	308578	51.316	ug/l	100
20) Methylene Chloride	4.623	84	120562	47.810	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	119917	49.807	ug/l	100
22) Diisopropyl ether	6.025	45	381760	51.120	ug/l	100
23) Vinyl Acetate	5.970	43	1137415	256.734	ug/l	100
24) 1,1-Dichloroethane	5.921	63	222533	50.410	ug/l	100
25) 2-Butanone	6.903	43	176185	264.461	ug/l	100
26) 2,2-Dichloropropane	6.890	77	198763	50.650	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	143210	51.463	ug/l	100
28) Bromochloromethane	7.250	49	95397	50.015	ug/l	100
29) Tetrahydrofuran	7.268	42	109698	255.247	ug/l	100
30) Chloroform	7.427	83	222226	50.944	ug/l	100
31) Cyclohexane	7.707	56	213031	47.951	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	199103	51.074	ug/l	100
36) 1,1-Dichloropropene	7.841	75	170708	51.116	ug/l	100
37) Ethyl Acetate	6.994	43	80426	54.721	ug/l	100
38) Carbon Tetrachloride	7.823	117	178292	51.787	ug/l	100
39) Methylcyclohexane	9.116	83	230536	51.100	ug/l	100
40) Benzene	8.085	78	505749	51.376	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	43865	46.342	ug/l		100
42) 1,2-Dichloroethane	8.165	62	136876	51.114	ug/l		100
43) Isopropyl Acetate	8.201	43	167771	52.237	ug/l		100
44) Trichloroethene	8.866	130	124670	51.843	ug/l		100
45) 1,2-Dichloropropane	9.146	63	120660	51.415	ug/l		100
46) Dibromomethane	9.231	93	67690	51.485	ug/l		100
47) Bromodichloromethane	9.427	83	172341	51.664	ug/l		100
48) Methyl methacrylate	9.225	41	77885	52.963	ug/l		100
49) 1,4-Dioxane	9.244	88	15334	977.637	ug/l		100
51) 4-Methyl-2-Pentanone	10.000	43	425868	267.154	ug/l		100
52) Toluene	10.176	92	316972	51.213	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	161859	52.450	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	188559	52.108	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	84788	51.209	ug/l		100
56) Ethyl methacrylate	10.445	69	127271	52.930	ug/l		100
57) 1,3-Dichloropropane	10.719	76	152809	51.821	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	279669	260.896	ug/l		100
59) 2-Hexanone	10.762	43	283601	266.885	ug/l		100
60) Dibromochloromethane	10.914	129	110314	52.582	ug/l		100
61) 1,2-Dibromoethane	11.018	107	78151	51.150	ug/l		100
64) Tetrachloroethene	10.652	164	130171	51.367	ug/l		100
65) Chlorobenzene	11.444	112	332645	51.447	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	112934	51.526	ug/l		100
67) Ethyl Benzene	11.518	91	621031	51.577	ug/l		100
68) m/p-Xylenes	11.633	106	468441	102.795	ug/l		100
69) o-Xylene	11.957	106	218760	51.293	ug/l		100
70) Styrene	11.969	104	367553	52.052	ug/l		100
71) Bromoform	12.133	173	59888	51.996	ug/l	#	100
73) Isopropylbenzene	12.255	105	577133	51.329	ug/l		100
74) N-amyl acetate	12.072	43	149637	52.627	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	95218	52.145	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	132344	71.836	ug/l	#	100
77) Bromobenzene	12.536	156	121092	50.812	ug/l		100
78) n-propylbenzene	12.597	91	707143	51.667	ug/l		100
79) 2-Chlorotoluene	12.682	91	373402	51.670	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	455006	51.754	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	32630	50.780	ug/l		100
82) 4-Chlorotoluene	12.780	91	387296	51.710	ug/l		100
83) tert-Butylbenzene	12.999	119	404519	50.438	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	449372	51.088	ug/l		100
85) sec-Butylbenzene	13.176	105	623185	51.250	ug/l		100
86) p-Isopropyltoluene	13.292	119	510026	51.018	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	241816	50.717	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	237429	51.108	ug/l		100
89) n-Butylbenzene	13.621	91	493153	51.811	ug/l		100
90) Hexachloroethane	13.883	117	99901	51.068	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	211065	51.528	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14697	53.244	ug/l		100
93) 1,2,4-Trichlorobenzene	14.919	180	114007	50.919	ug/l		100
94) Hexachlorobutadiene	15.023	225	62434	51.054	ug/l		100
95) Naphthalene	15.145	128	226073	52.686	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	97609	51.295	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

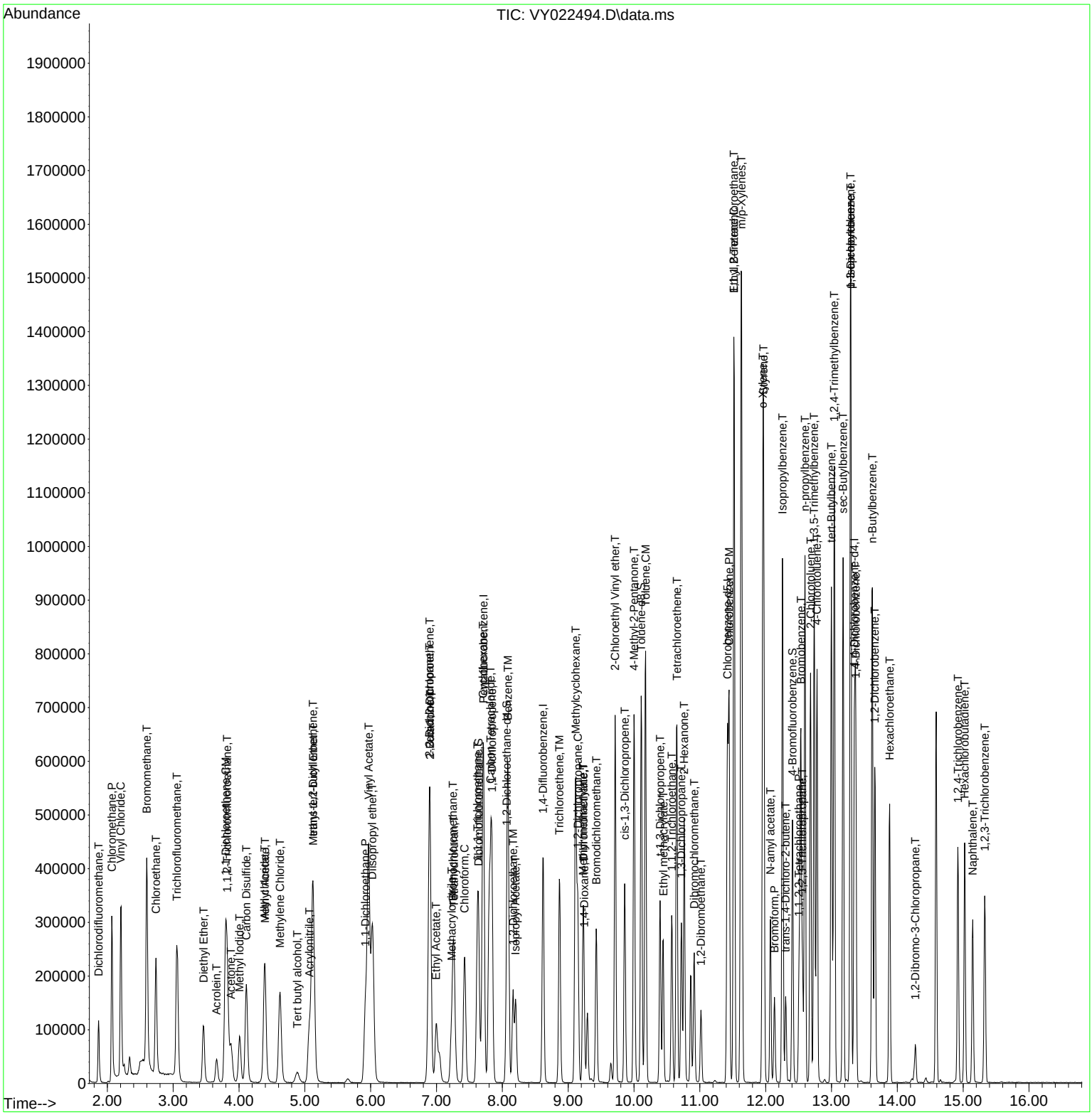
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

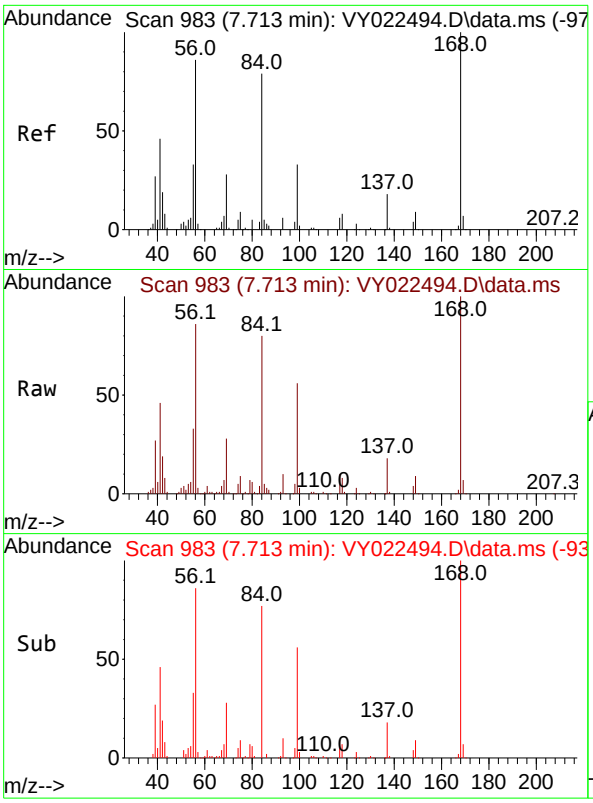
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



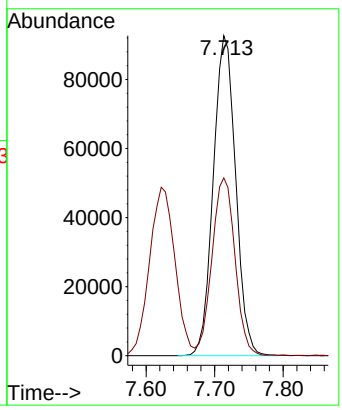


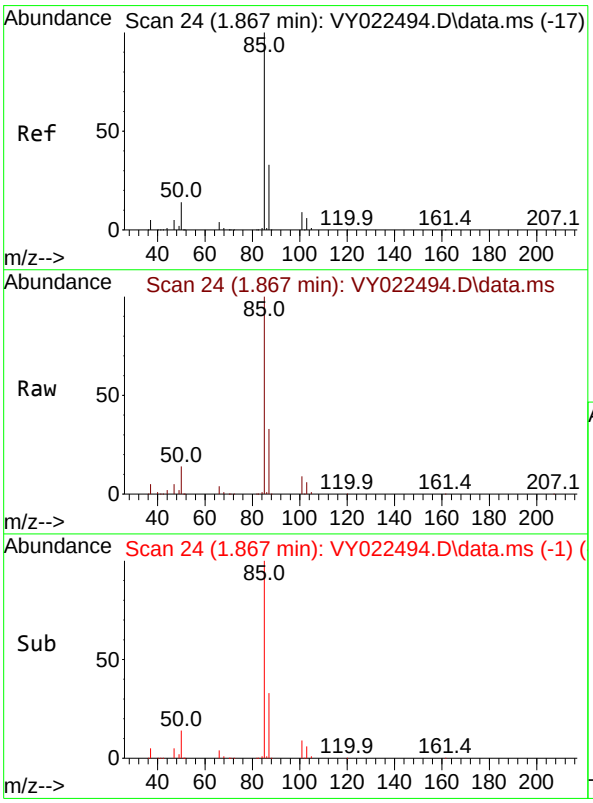
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 209963

Ion	Ratio	Lower	Upper
168	100		
99	55.4	44.3	66.5

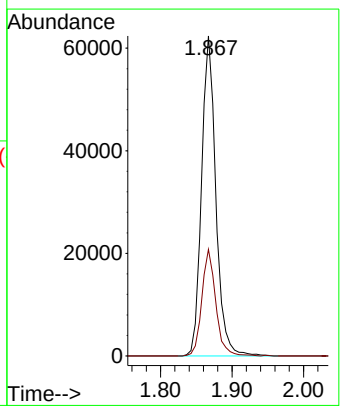


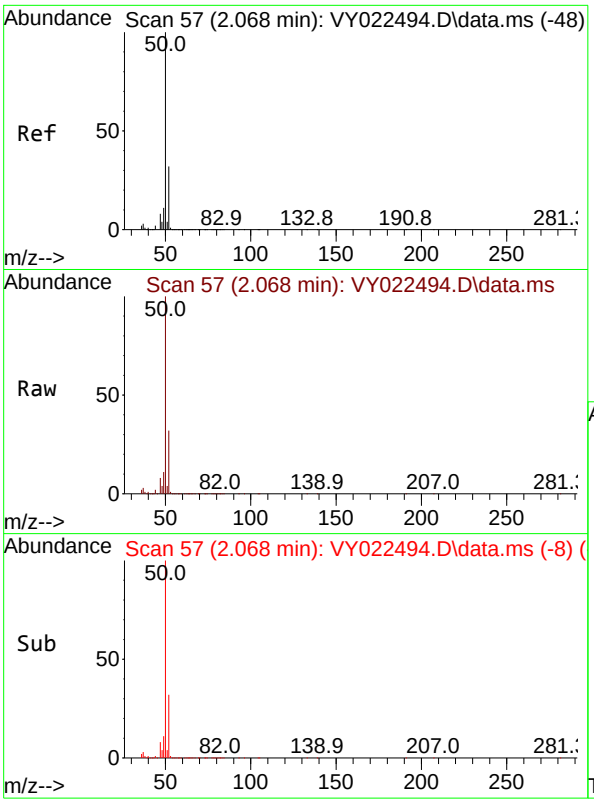


#2
Dichlorodifluoromethane
Concen: 47.230 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 85 Resp: 86654

Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.7	50.0



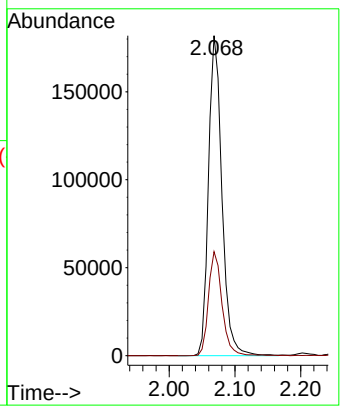


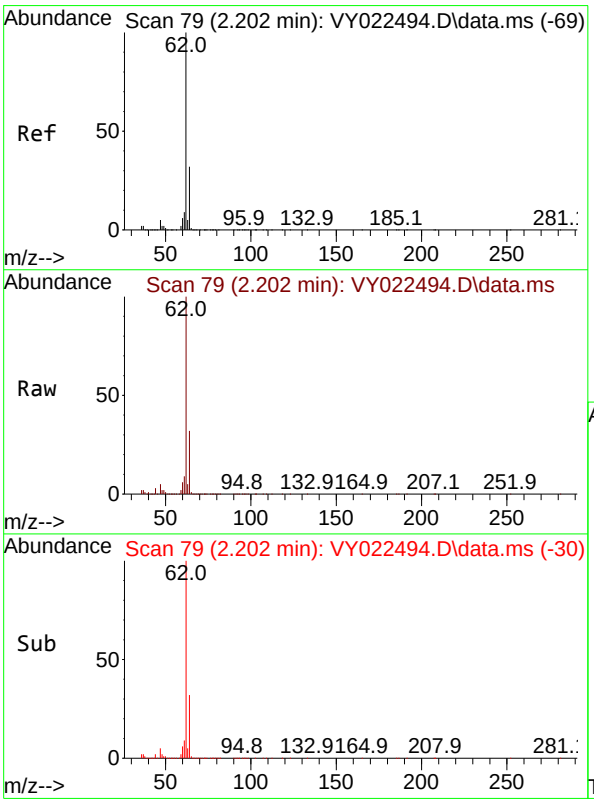
#3
Chloromethane
Concen: 47.727 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 258324

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.0	39.0

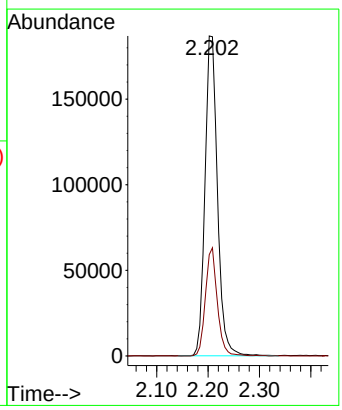


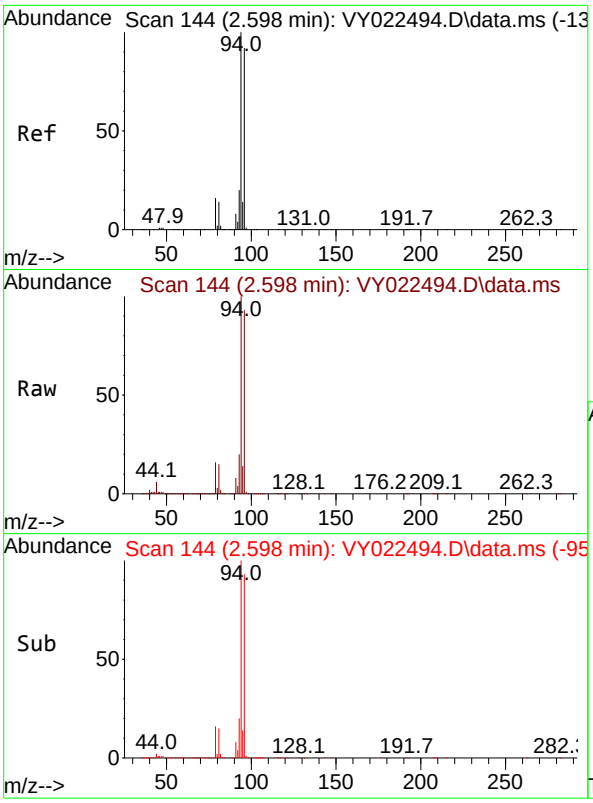


#4
Vinyl Chloride
Concen: 49.618 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 62 Resp: 314332

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.3	37.9



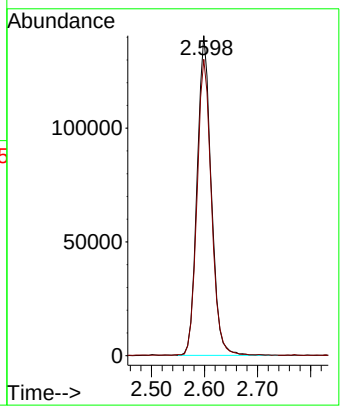


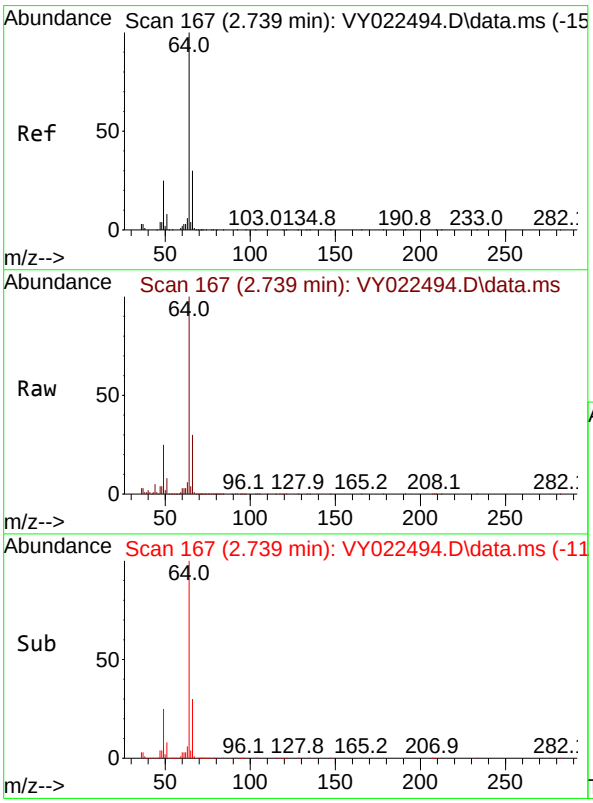
#5
Bromomethane
Concen: 43.463 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 260442

Ion	Ratio	Lower	Upper
94	100		
96	92.5	74.0	111.0

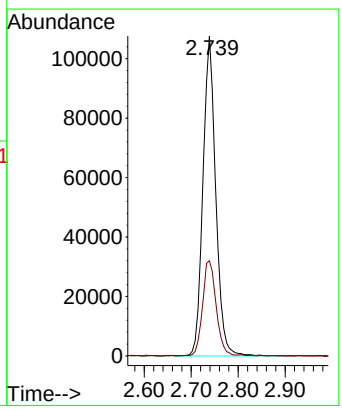


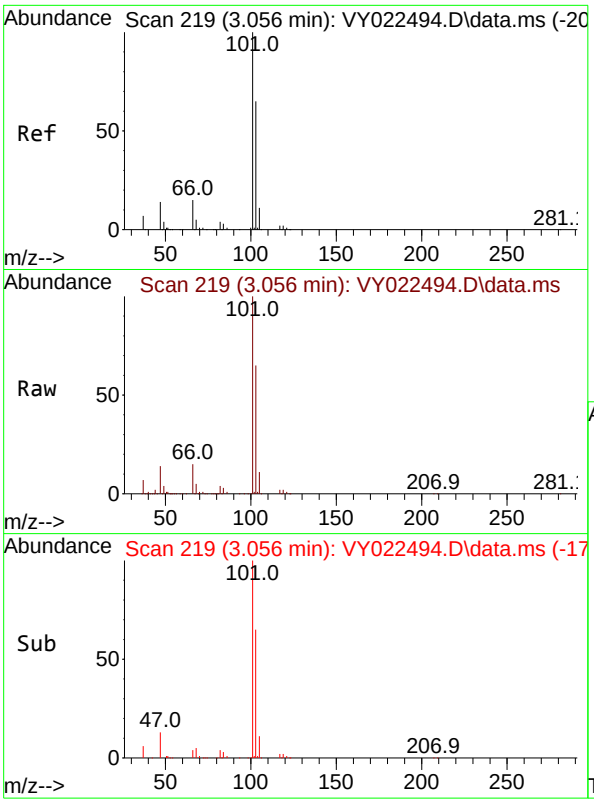


#6
Chloroethane
Concen: 46.711 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 64 Resp: 202595

Ion	Ratio	Lower	Upper
64	100		
66	29.7	23.8	35.6



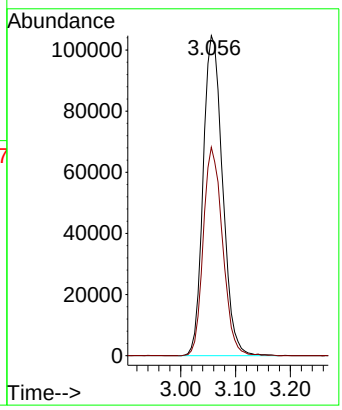


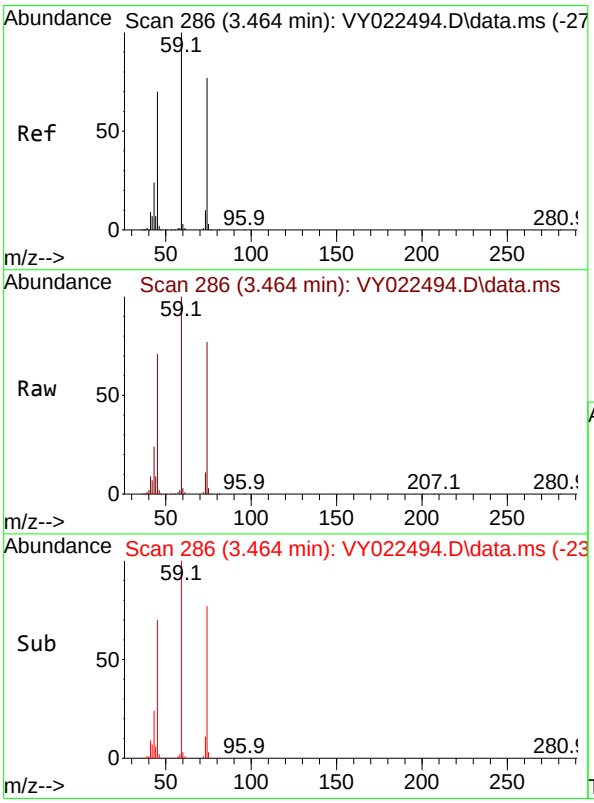
#7
Trichlorofluoromethane
Concen: 47.749 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 257006

Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.2

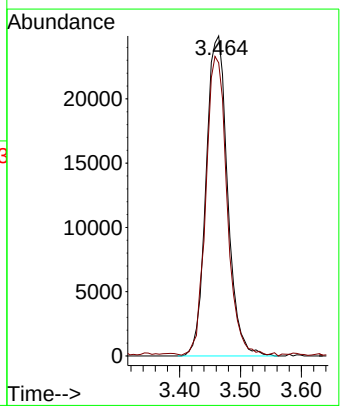


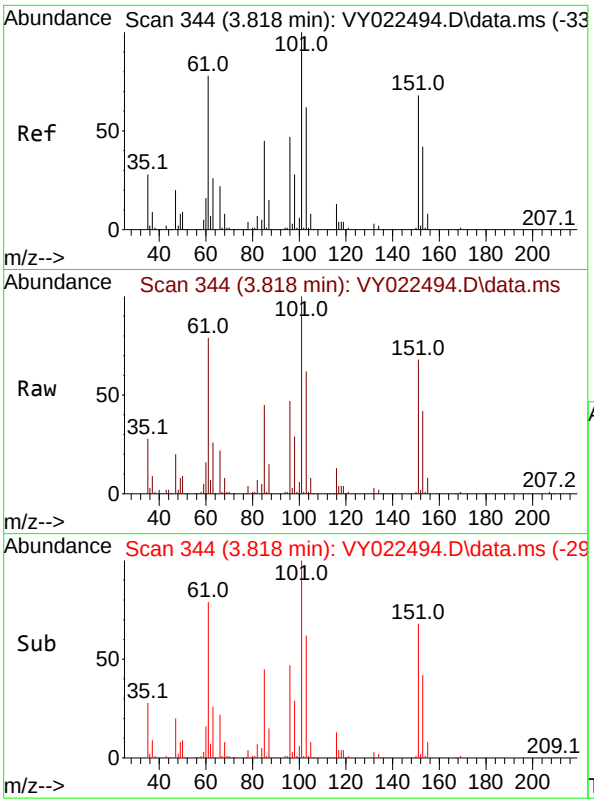


#8
Diethyl Ether
Concen: 51.349 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 74 Resp: 61045

Ion	Ratio	Lower	Upper
74	100		
45	91.7	45.9	137.6



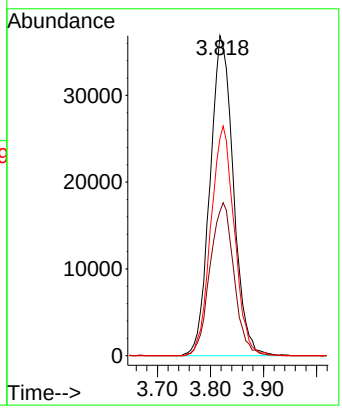


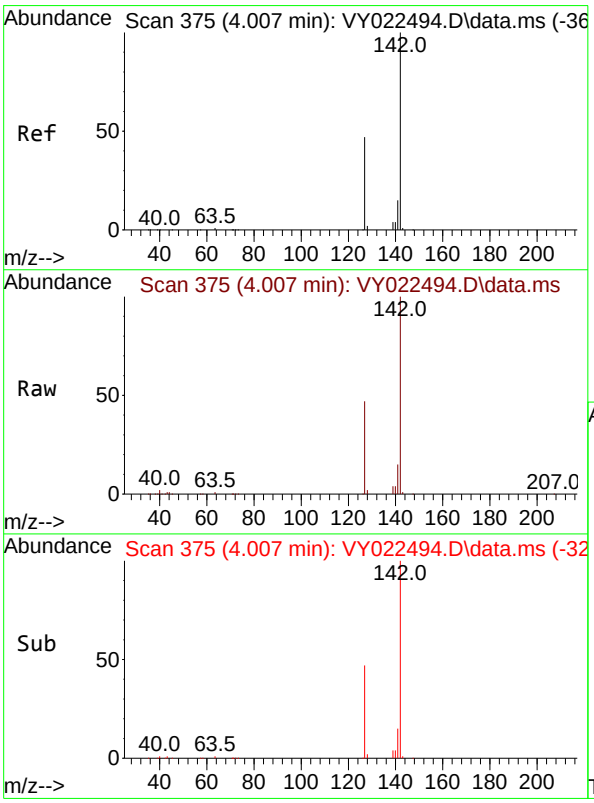
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.009 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 112910

Ion	Ratio	Lower	Upper
101	100		
85	49.1	39.3	58.9
151	72.3	57.8	86.8

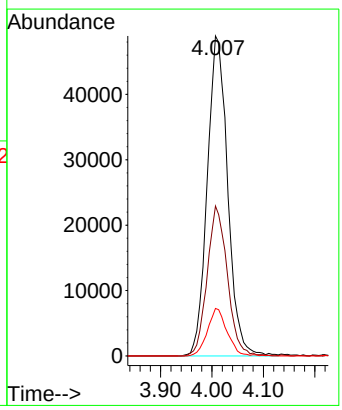


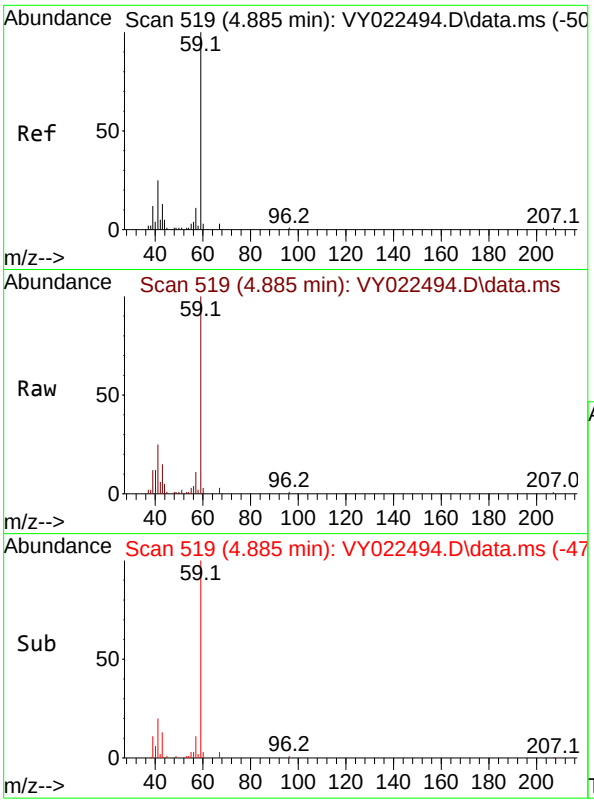


#10
Methyl Iodide
Concen: 55.855 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:142 Resp: 135237

Ion	Ratio	Lower	Upper
142	100		
127	46.4	37.1	55.7
141	14.3	11.4	17.2



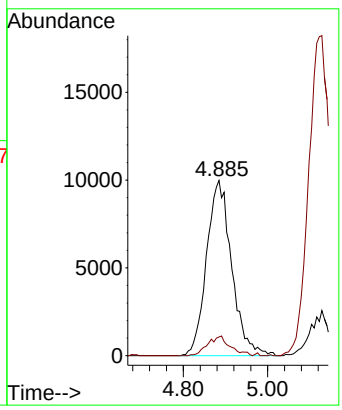


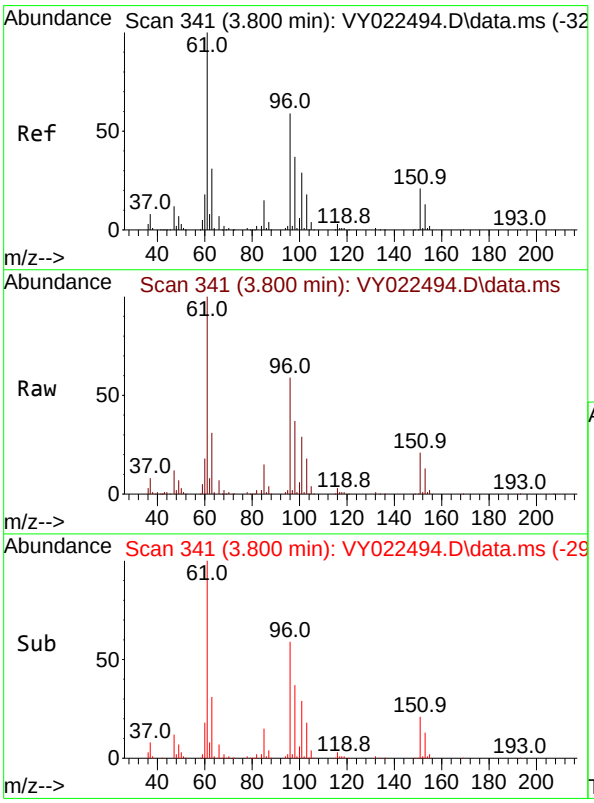
#11
Tert butyl alcohol
Concen: 253.096 ug/l
RT: 4.885 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 41304

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

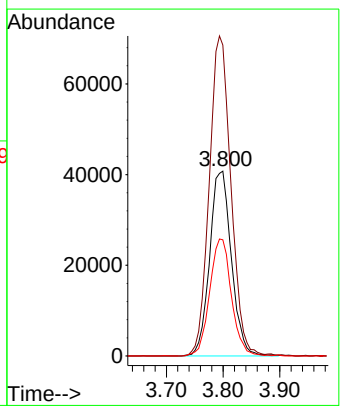


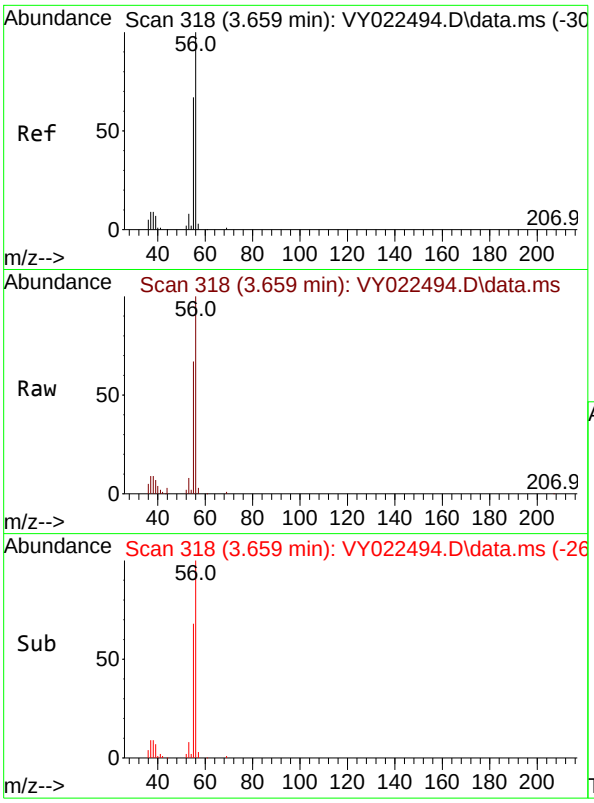


#12
1,1-Dichloroethene
Concen: 50.463 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 96 Resp: 108756

Ion	Ratio	Lower	Upper
96	100		
61	168.2	134.6	201.8
98	62.8	50.2	75.4



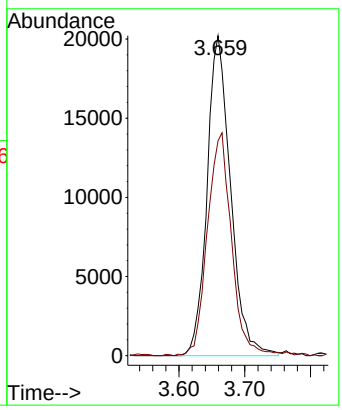


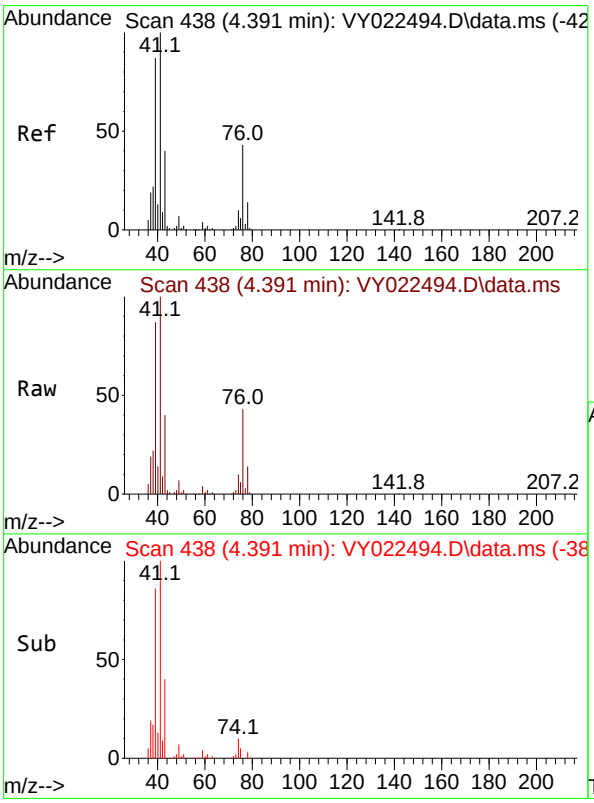
#13
Acrolein
Concen: 252.946 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 50388

Ion	Ratio	Lower	Upper
56	100		
55	71.3	57.0	85.6

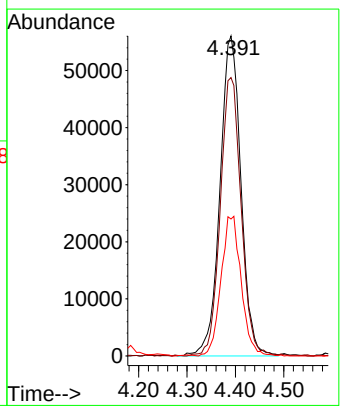


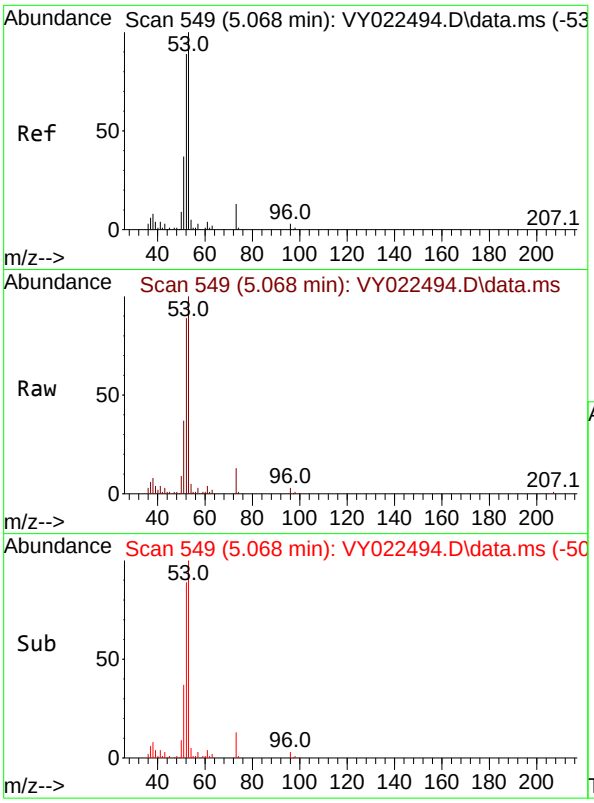


#14
Allyl chloride
Concen: 50.399 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 169258

Ion	Ratio	Lower	Upper
41	100		
39	86.4	69.1	103.7
76	41.9	33.5	50.3



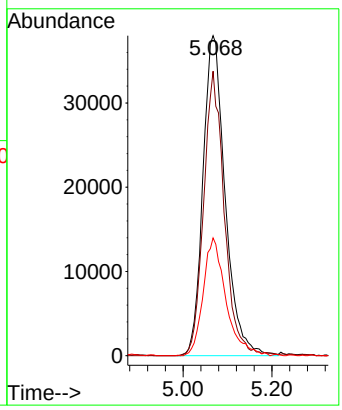


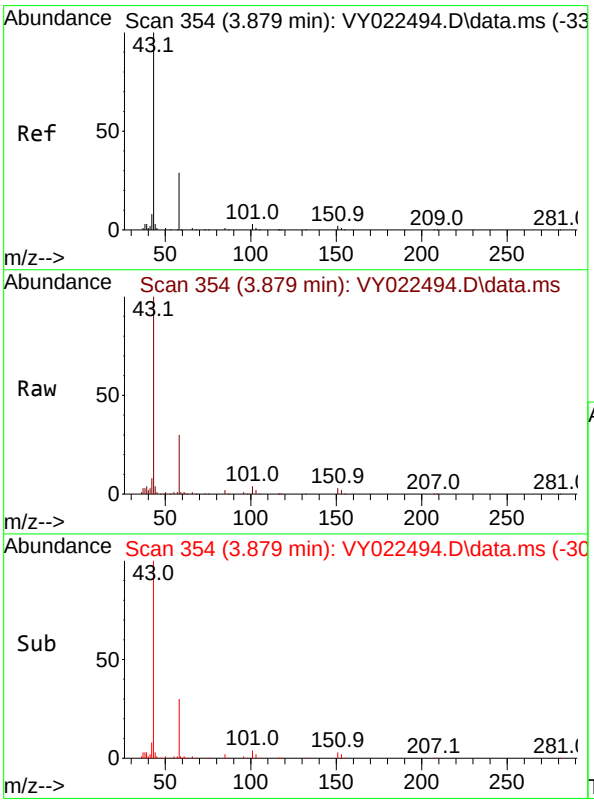
#15
Acrylonitrile
Concen: 261.075 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 132018

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	37.6	30.1	45.1

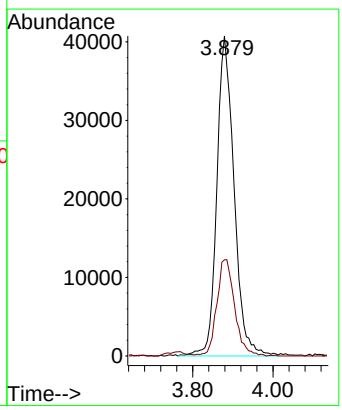


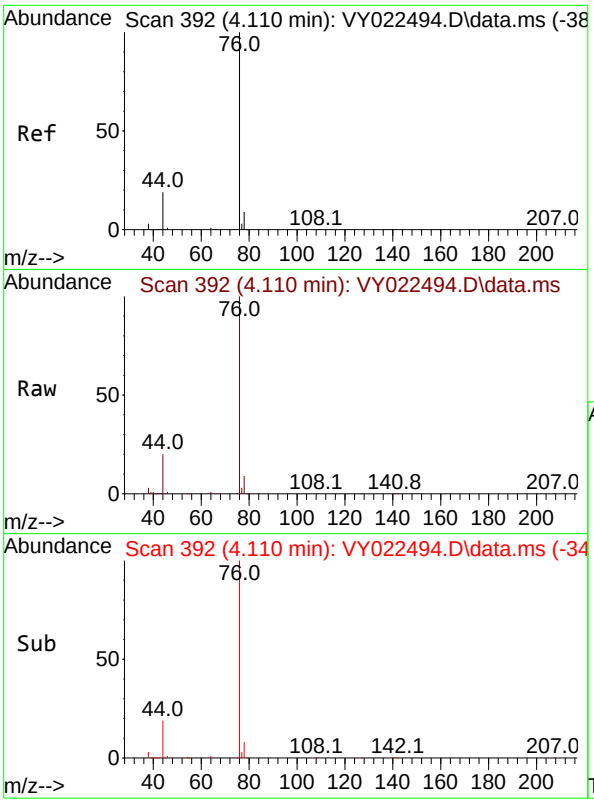


#16
Acetone
Concen: 269.036 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 121507

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.0	36.0



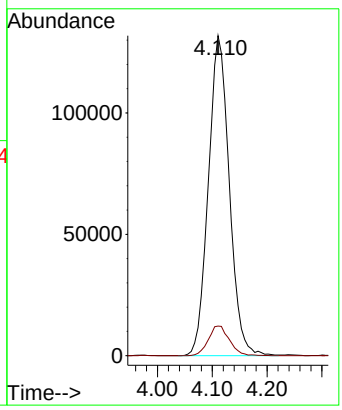


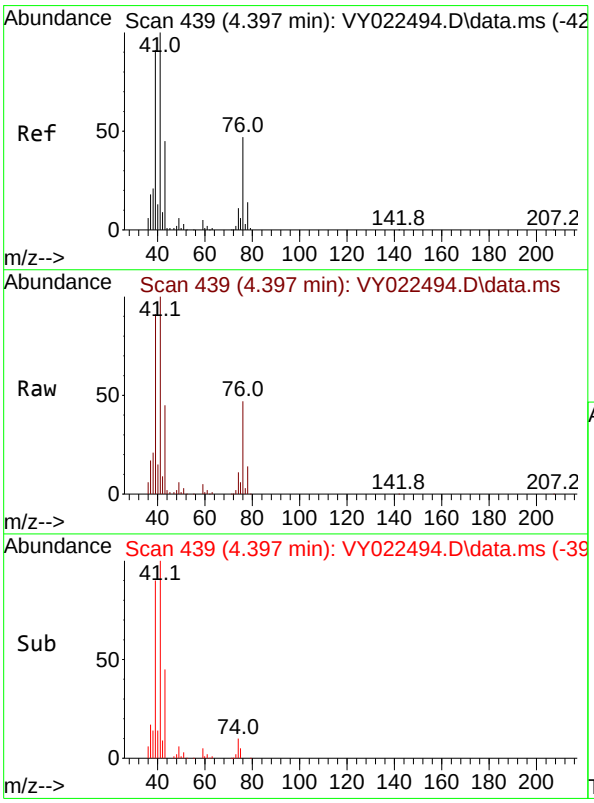
#17
Carbon Disulfide
Concen: 50.769 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 349342

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

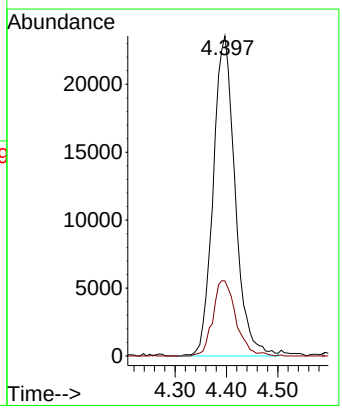


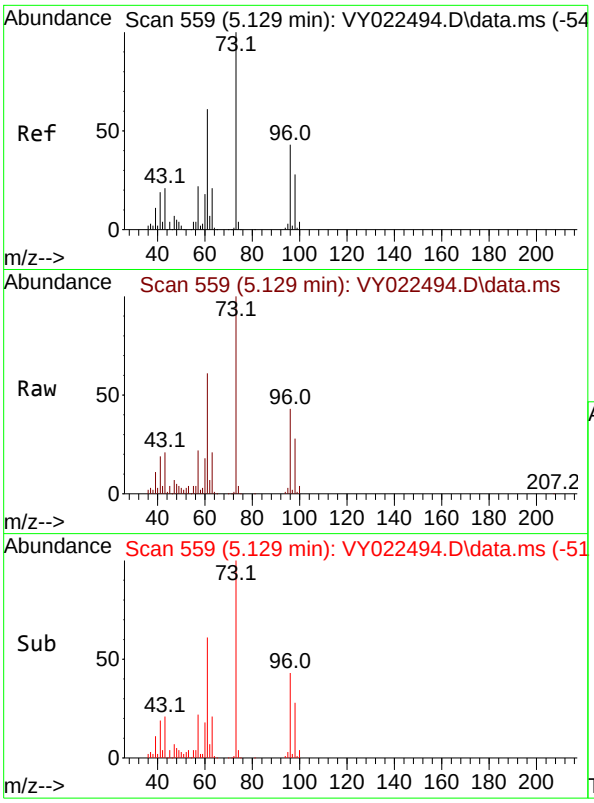


#18
Methyl Acetate
Concen: 51.384 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 69815

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.6



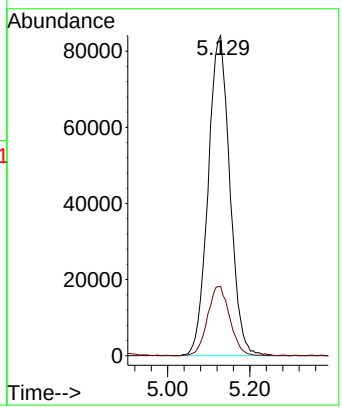


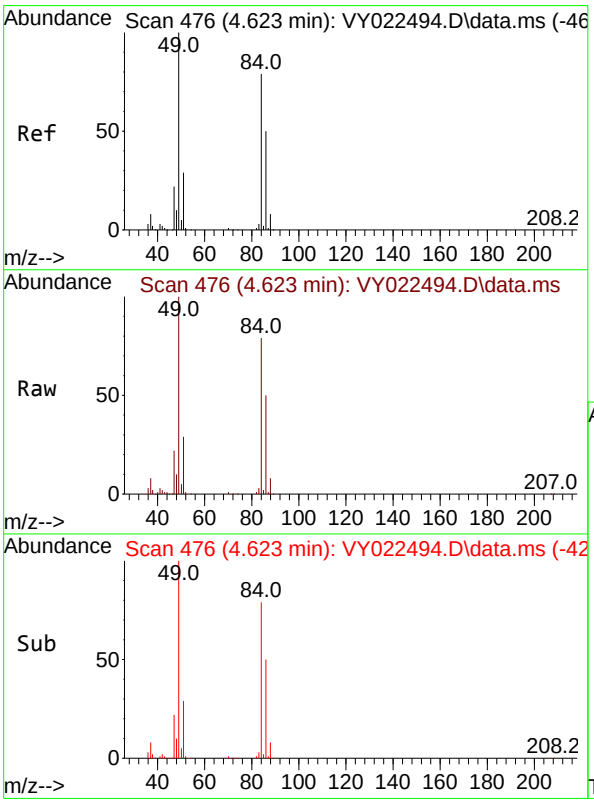
#19
Methyl tert-butyl Ether
Concen: 51.316 ug/l
RT: 5.129 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 308578

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0

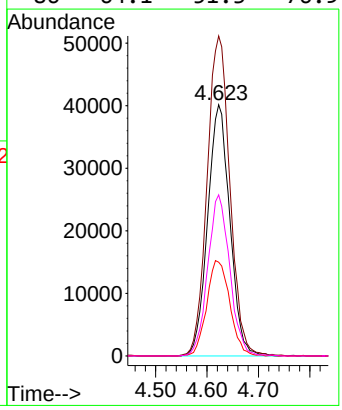


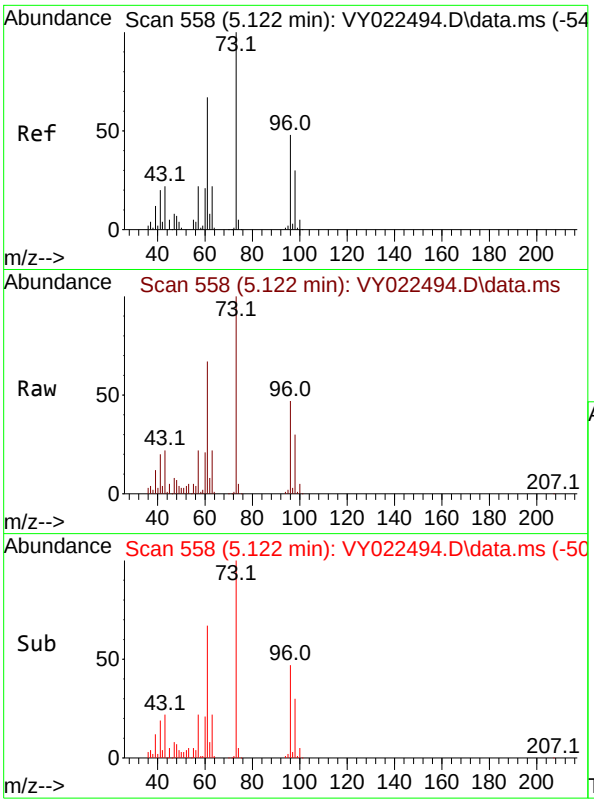


#20
Methylene Chloride
Concen: 47.810 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 84 Resp: 120562

Ion	Ratio	Lower	Upper
84	100		
49	127.4	101.9	152.9
51	37.3	29.8	44.8
86	64.1	51.3	76.9



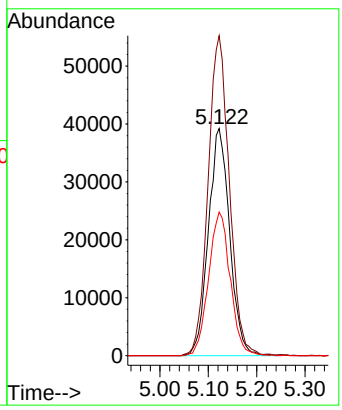


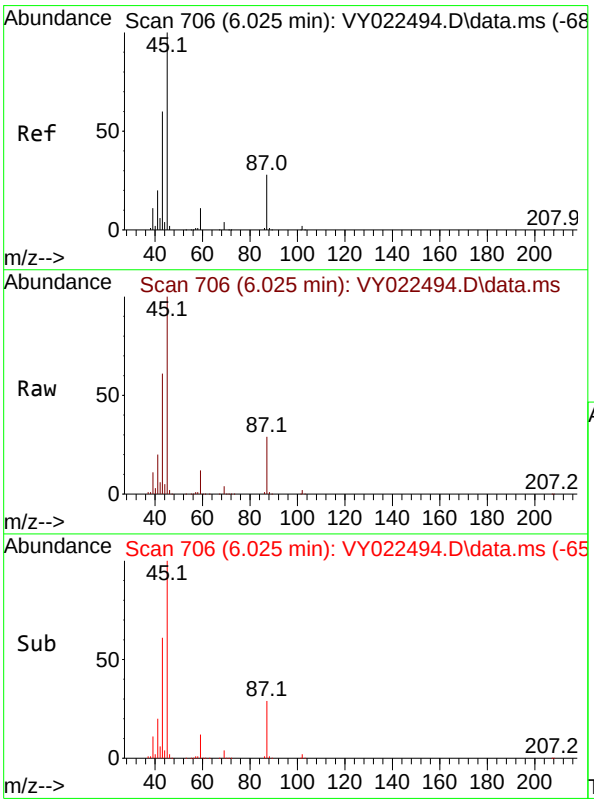
#21
trans-1,2-Dichloroethene
Concen: 49.807 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 119917

Ion	Ratio	Lower	Upper
96	100		
61	140.8	112.6	169.0
98	63.2	50.6	75.8

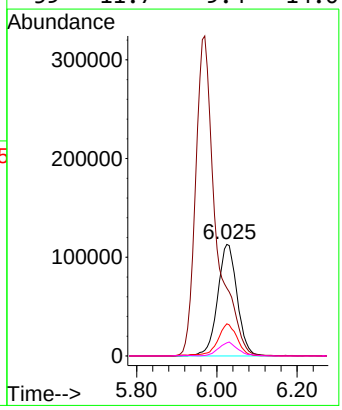


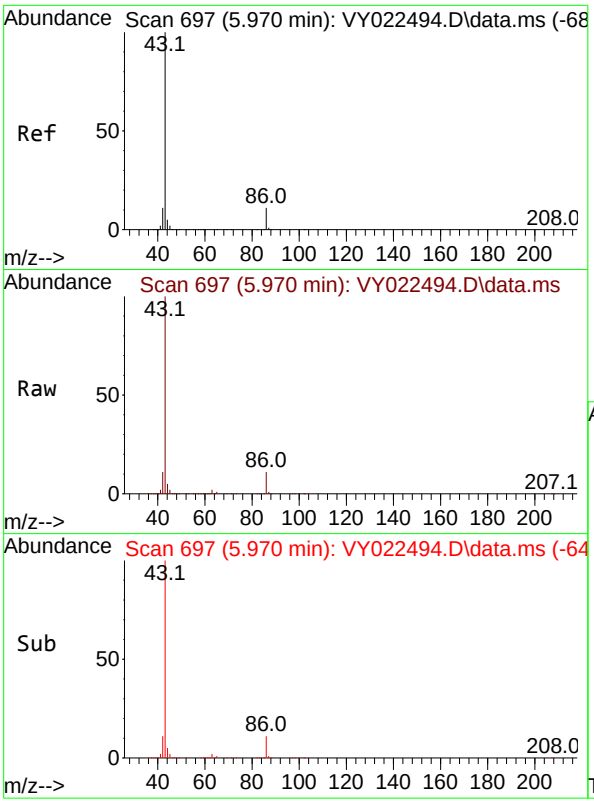


#22
Diisopropyl ether
Concen: 51.120 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 45 Resp: 381760

Ion	Ratio	Lower	Upper
45	100		
43	60.4	48.3	72.5
87	28.8	23.0	34.6
59	11.7	9.4	14.0



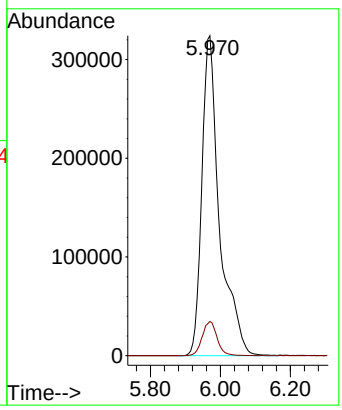


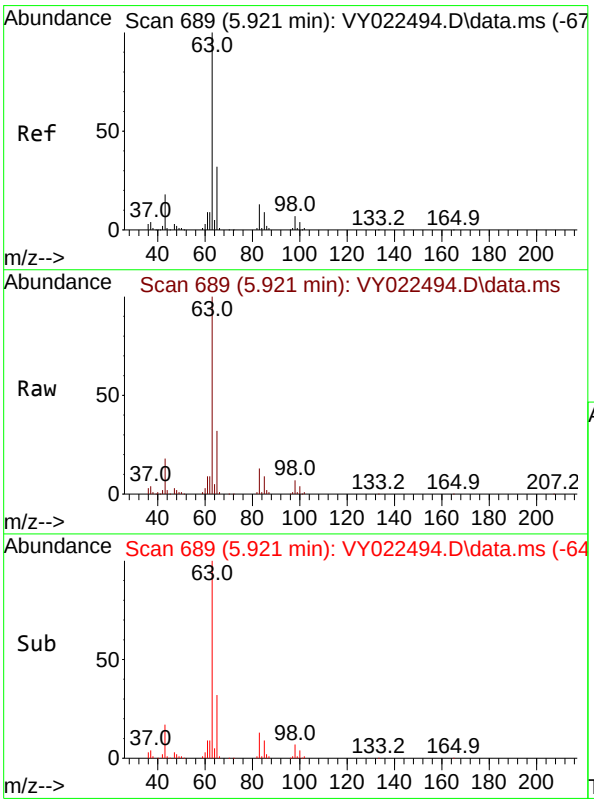
#23
Vinyl Acetate
Concen: 256.734 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1137415

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.6	12.8

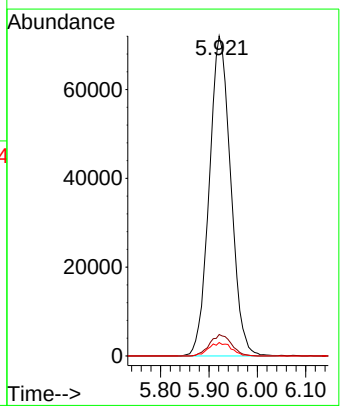


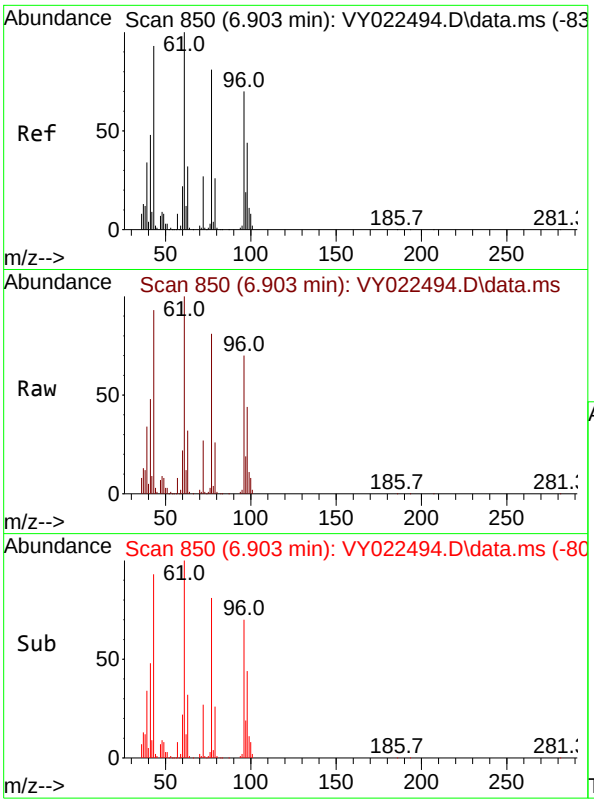


#24
1,1-Dichloroethane
Concen: 50.410 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 63 Resp: 222533

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.1
100	4.2	2.1	6.3



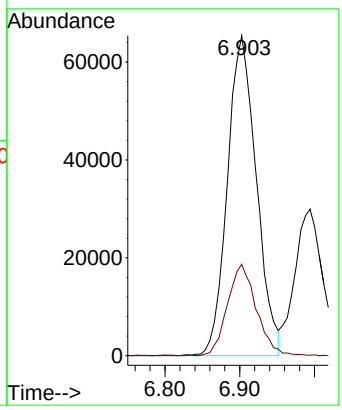


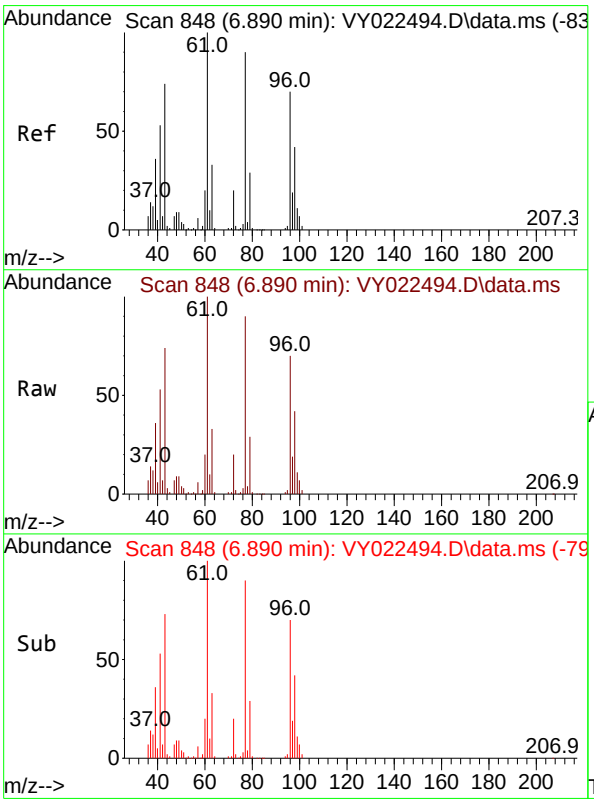
#25
2-Butanone
Concen: 264.461 ug/l
RT: 6.903 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 176185

Ion	Ratio	Lower	Upper
43	100		
72	28.6	22.9	34.3

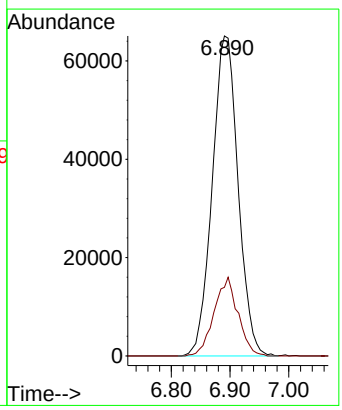


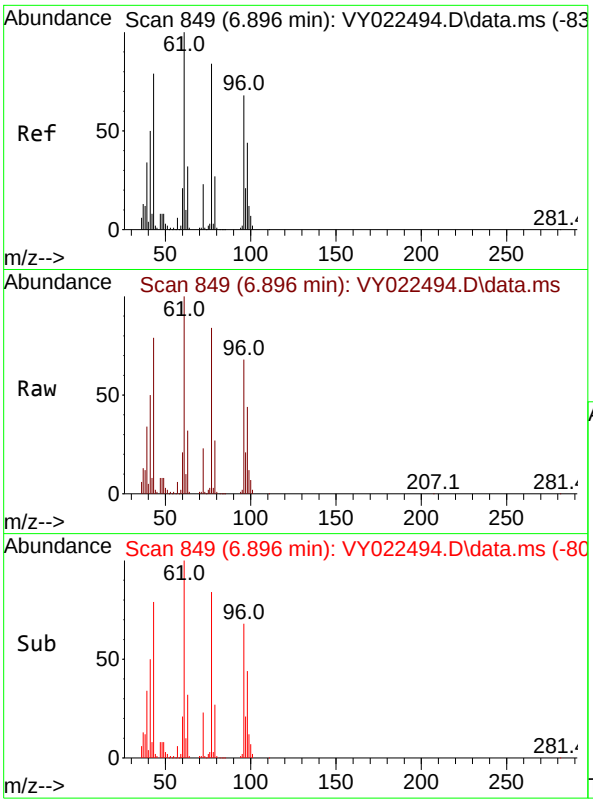


#26
2,2-Dichloropropane
Concen: 50.650 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 77 Resp: 198763

Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.4	34.2



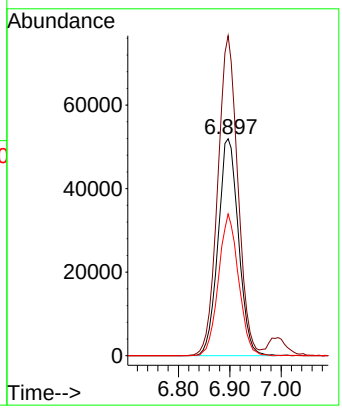


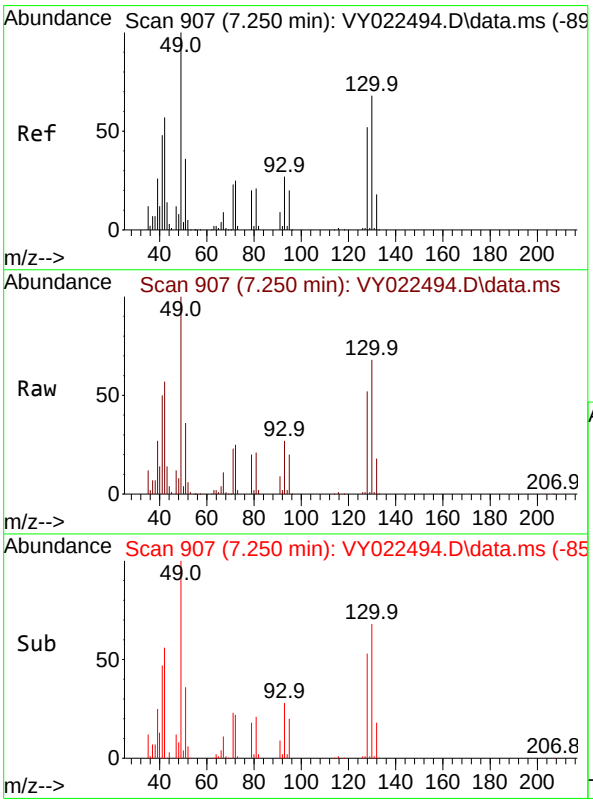
#27
cis-1,2-Dichloroethene
Concen: 51.463 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 143210

Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	290.0
98	64.2	0.0	128.4

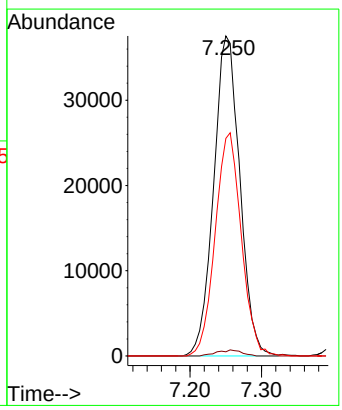


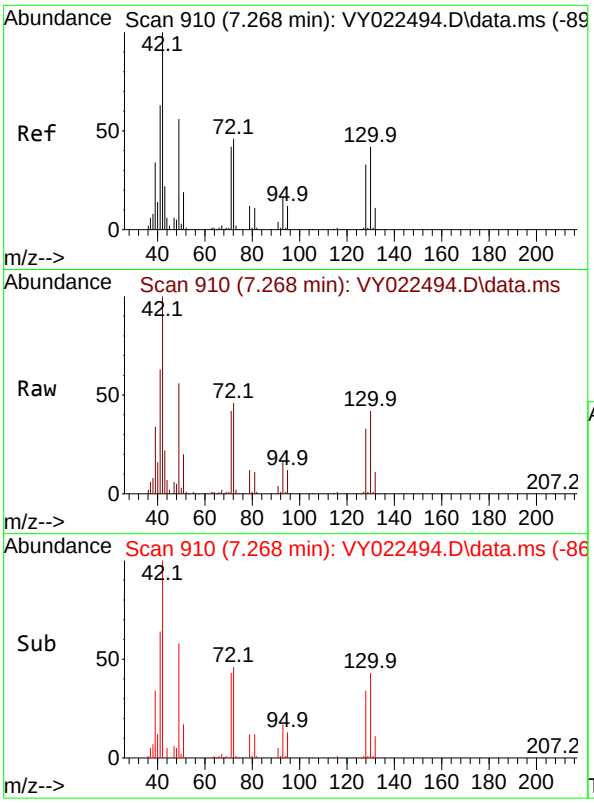


#28
Bromochloromethane
Concen: 50.015 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 49 Resp: 95397

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.6	55.7	83.5



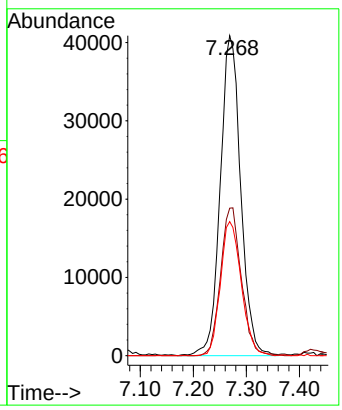


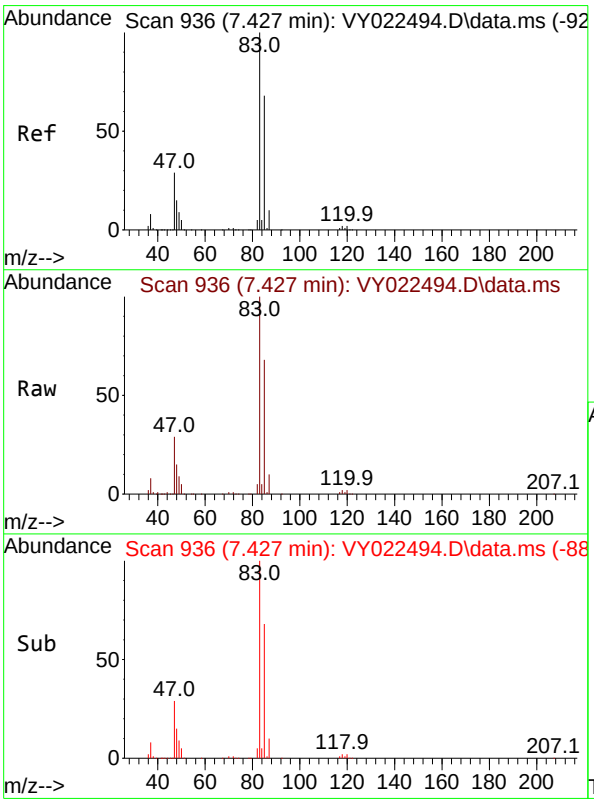
#29
Tetrahydrofuran
Concen: 255.247 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 109698

Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.4	56.2
71	42.7	34.2	51.2

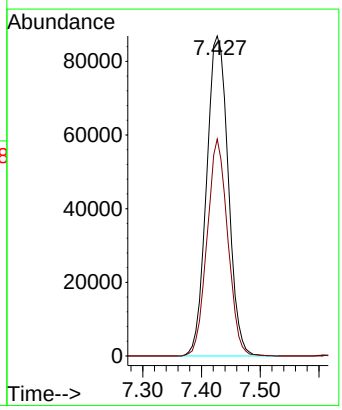


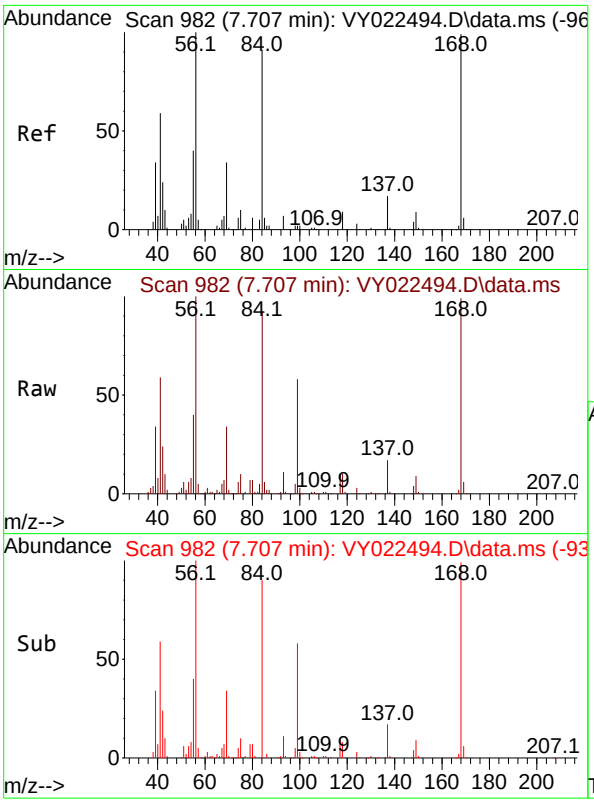


#30
Chloroform
Concen: 50.944 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 83 Resp: 222226

Ion	Ratio	Lower	Upper
83	100		
85	67.8	54.2	81.4



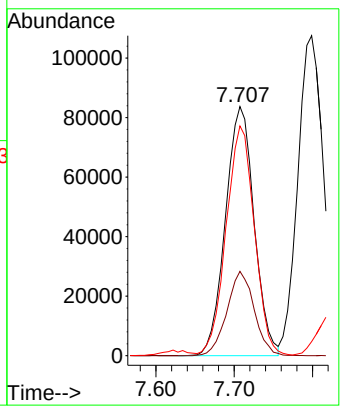


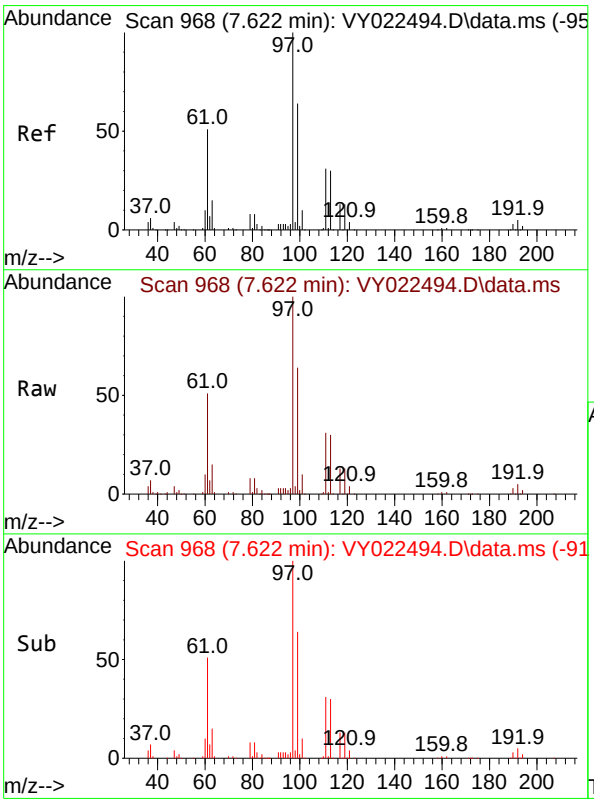
#31
Cyclohexane
Concen: 47.951 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 213031

Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.0	40.6
84	90.8	72.6	109.0

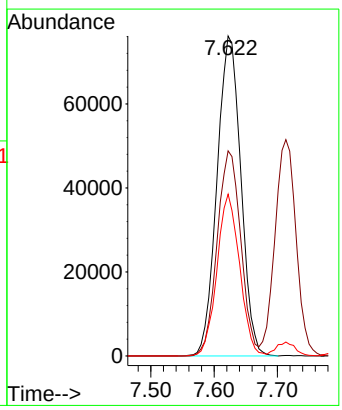


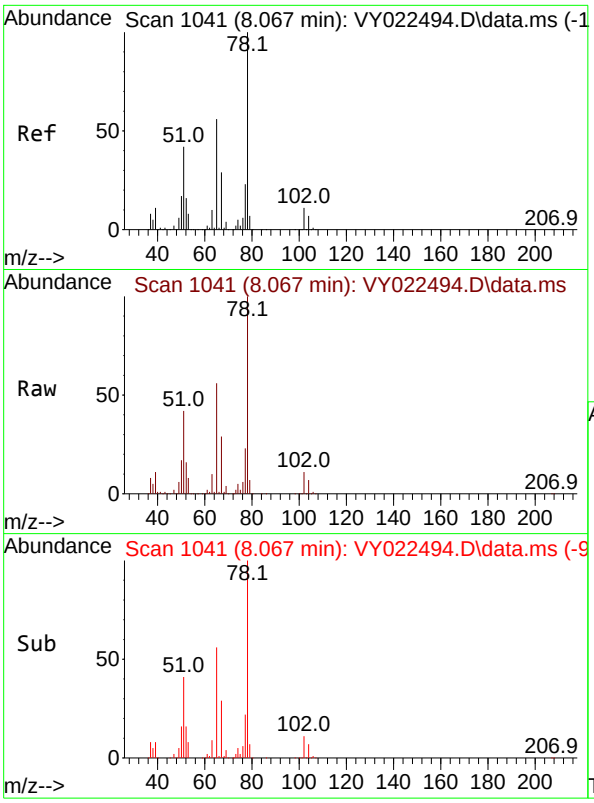


#32
1,1,1-Trichloroethane
Concen: 51.074 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 97 Resp: 199103

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	48.1	38.5	57.7



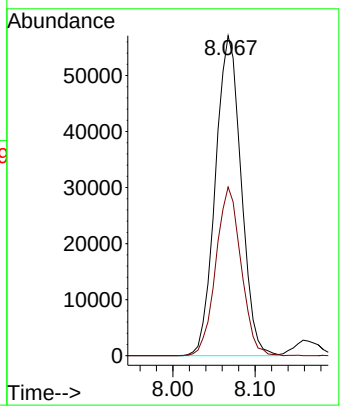


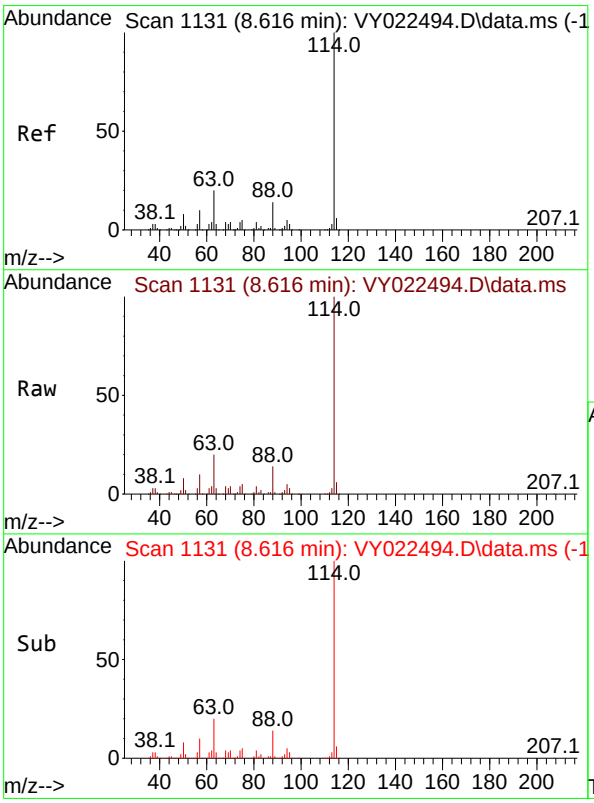
#33
1,2-Dichloroethane-d4
Concen: 54.320 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 124098

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.4

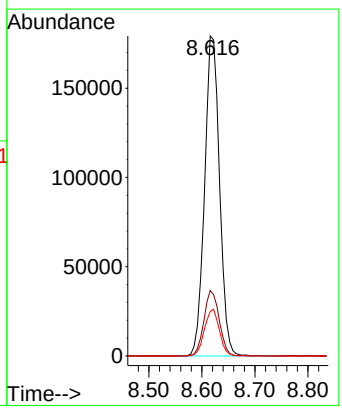


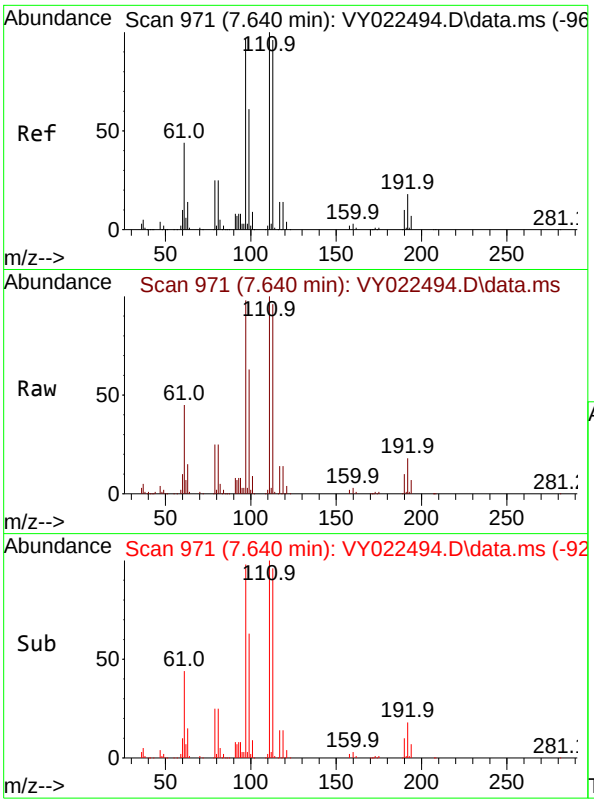


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:114 Resp: 350947

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	13.9	0.0	27.8



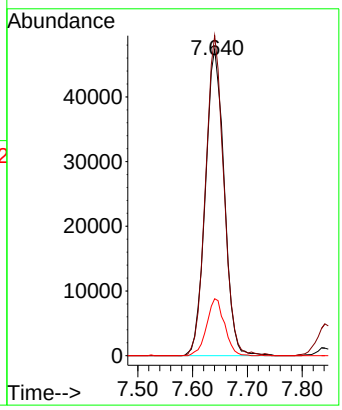


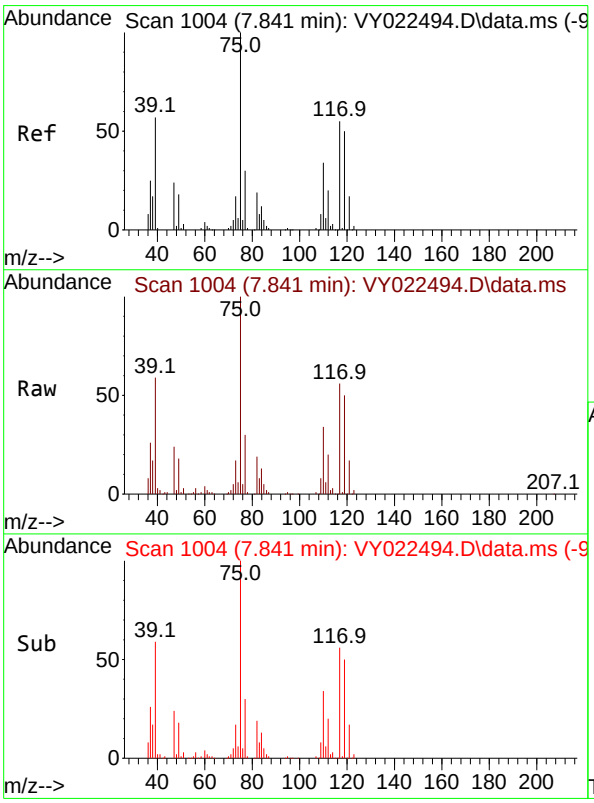
#35
Dibromofluoromethane
Concen: 54.514 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 112624

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	17.7	14.2	21.2

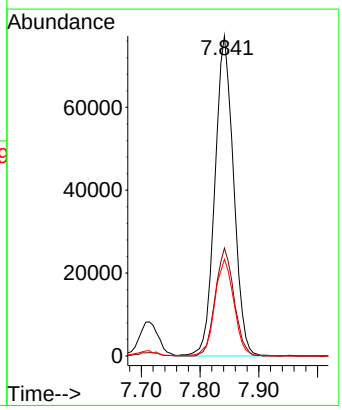


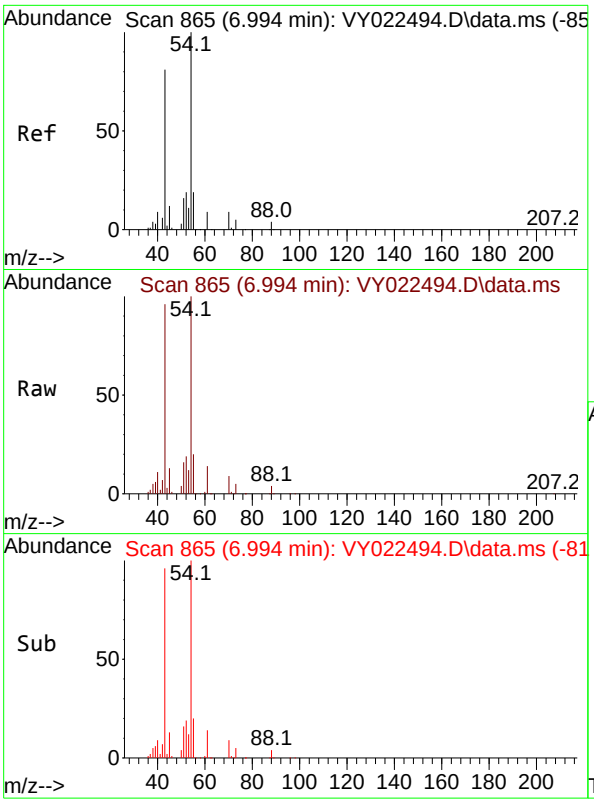


#36
1,1-Dichloropropene
Concen: 51.116 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 170708

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.7
77	31.0	24.8	37.2



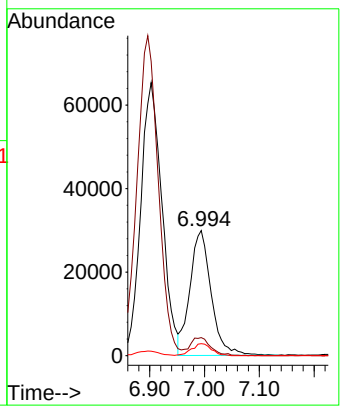


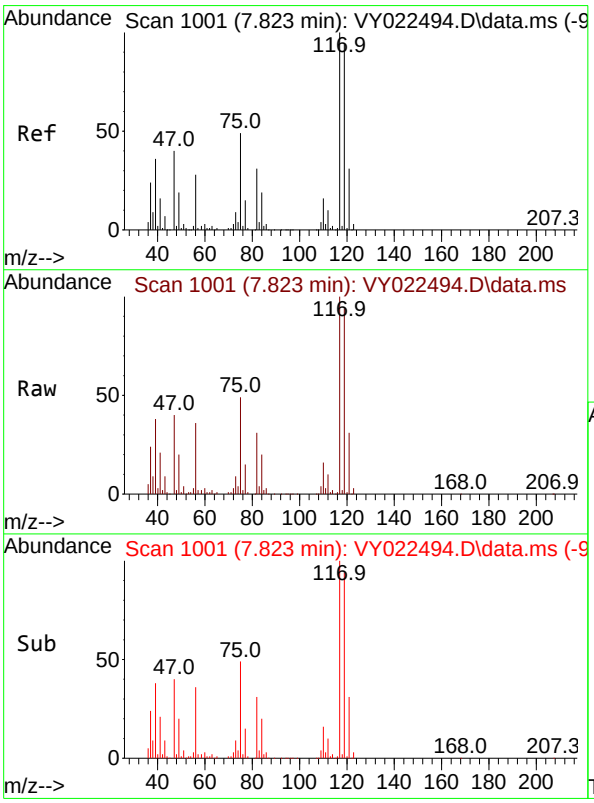
#37
Ethyl Acetate
Concen: 54.721 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 80426

Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	9.0	7.2	10.8

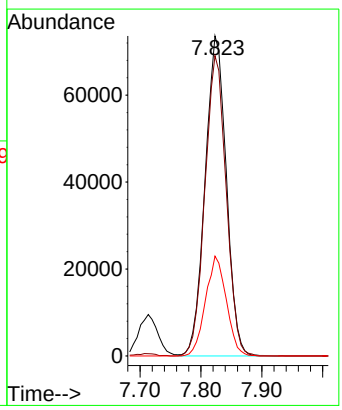


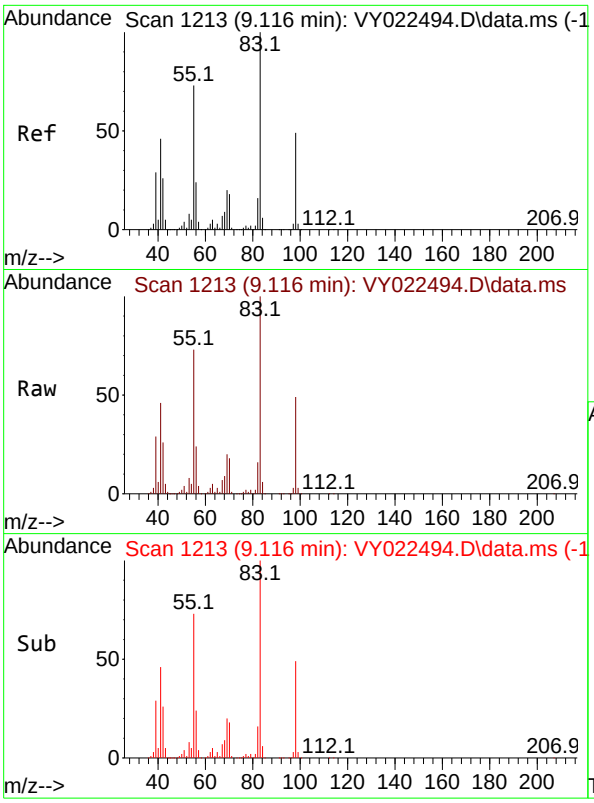


#38
Carbon Tetrachloride
Concen: 51.787 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:117 Resp: 178292

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	31.2	25.0	37.4



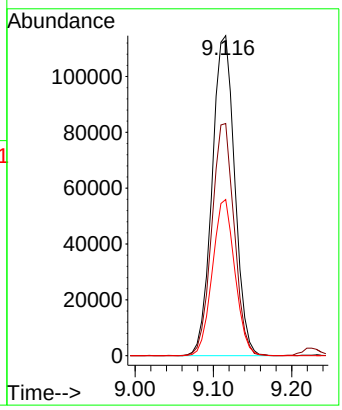


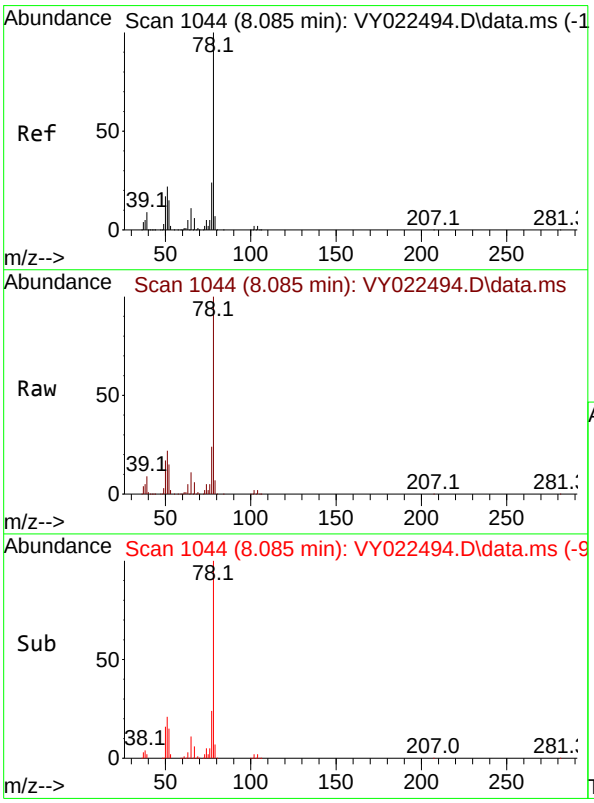
#39
Methylcyclohexane
Concen: 51.100 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 230536

Ion	Ratio	Lower	Upper
83	100		
55	72.6	58.1	87.1
98	48.8	39.0	58.6

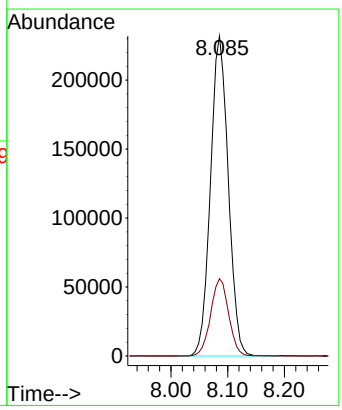


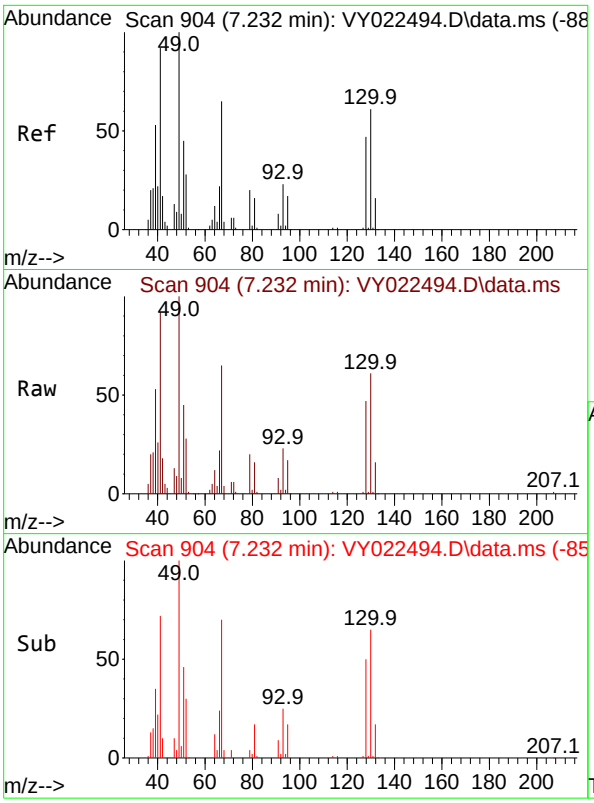


#40
Benzene
Concen: 51.376 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 78 Resp: 505749

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9



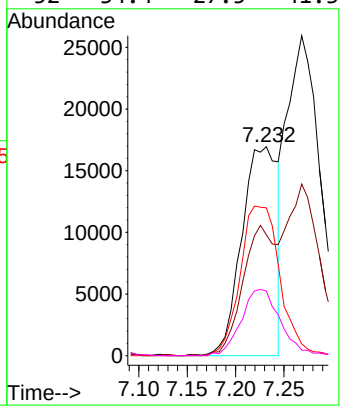


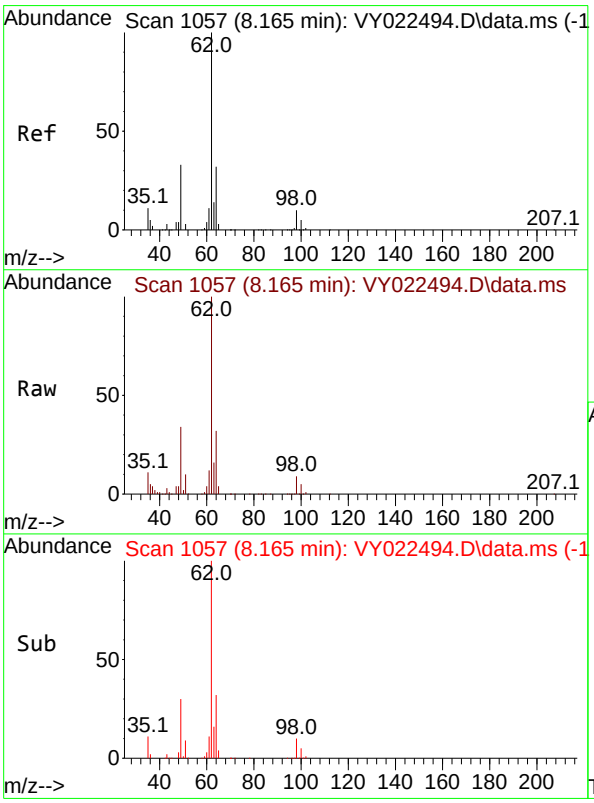
#41
Methacrylonitrile
Concen: 46.342 ug/l
RT: 7.232 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 43865

Ion	Ratio	Lower	Upper
41	100		
39	58.2	46.6	69.8
67	79.1	63.3	94.9
52	34.4	27.5	41.3

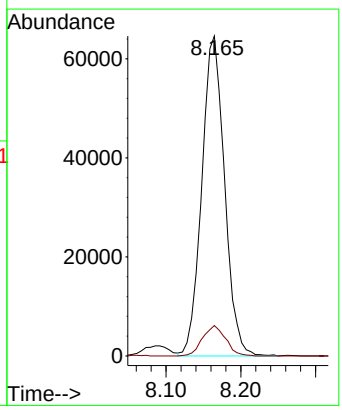


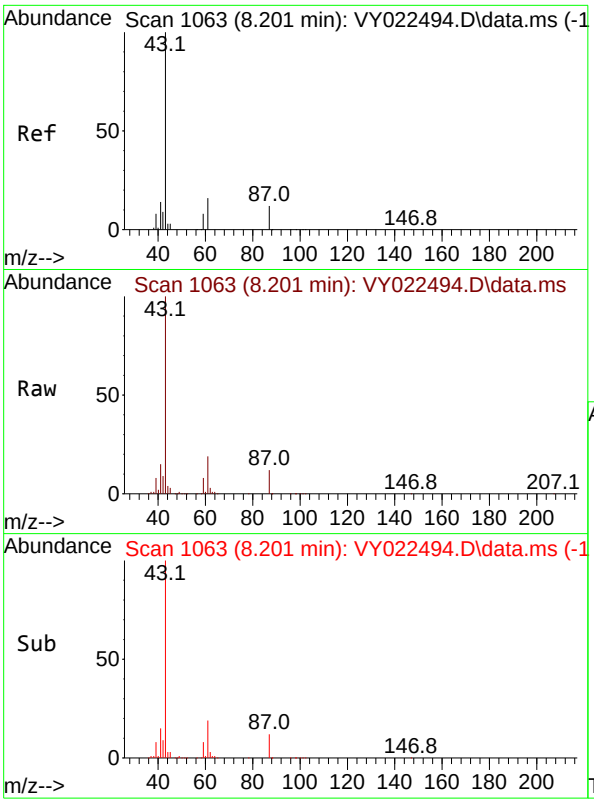


#42
1,2-Dichloroethane
Concen: 51.114 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 62 Resp: 136876

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2



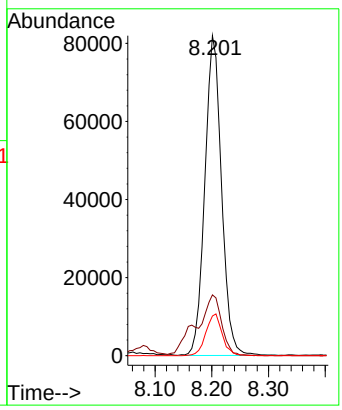


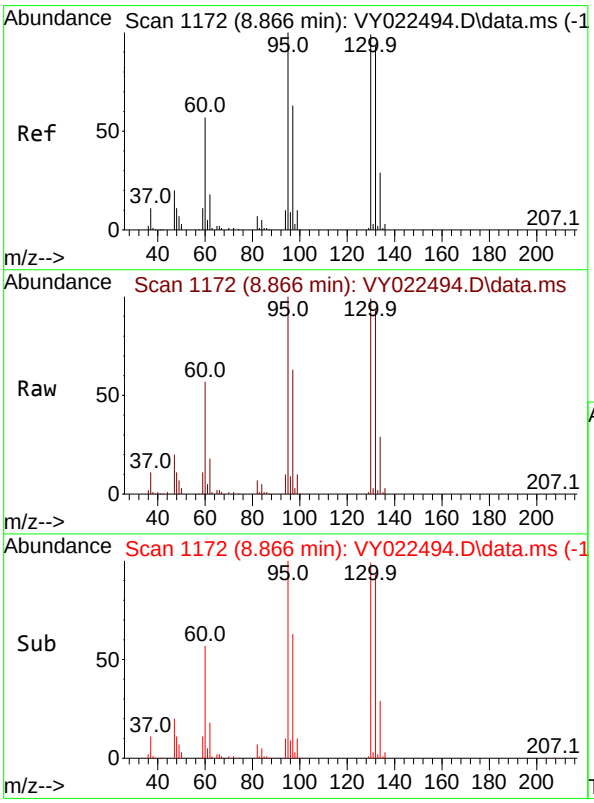
#43
Isopropyl Acetate
Concen: 52.237 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 167771

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	12.8	10.2	15.4

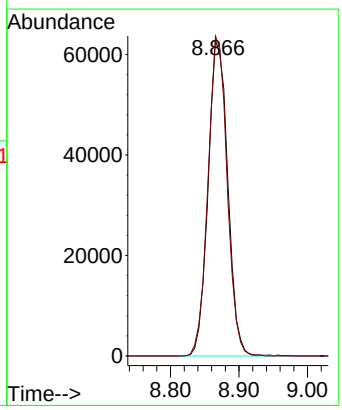


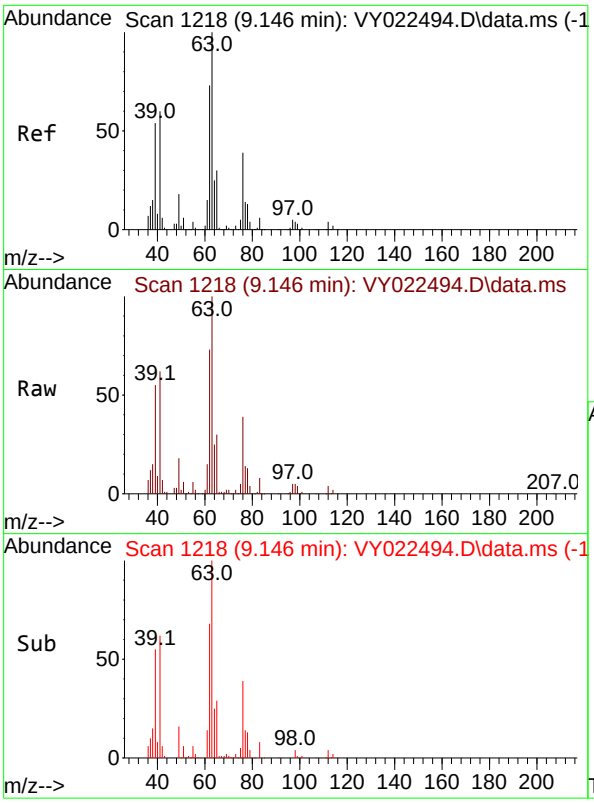


#44
Trichloroethene
Concen: 51.843 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:130 Resp: 124670

Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	203.0



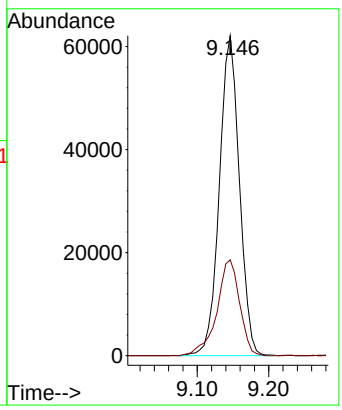


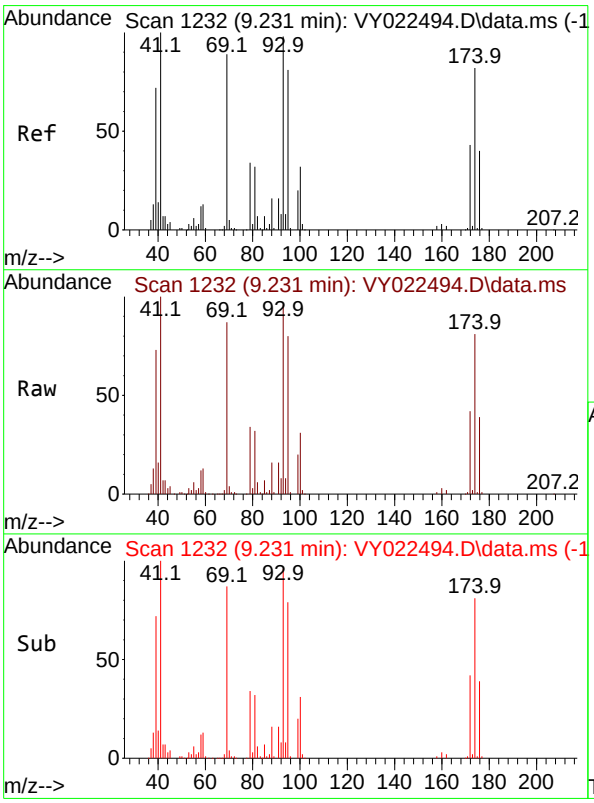
#45
1,2-Dichloropropane
Concen: 51.415 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 120660

Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.0	36.0

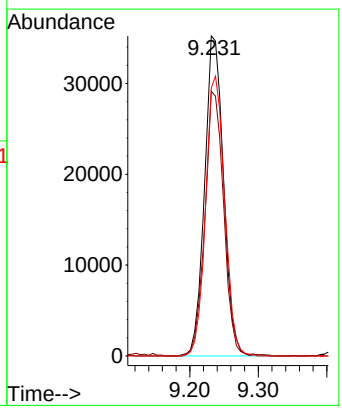


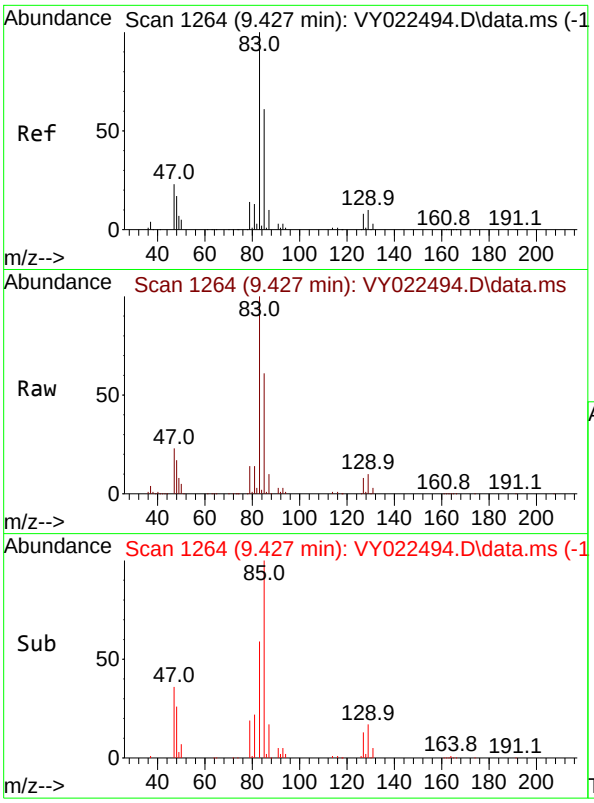


#46
Dibromomethane
Concen: 51.485 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 93 Resp: 67690

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.6	98.4
174	88.0	70.4	105.6



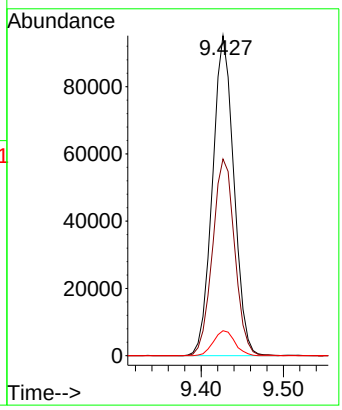


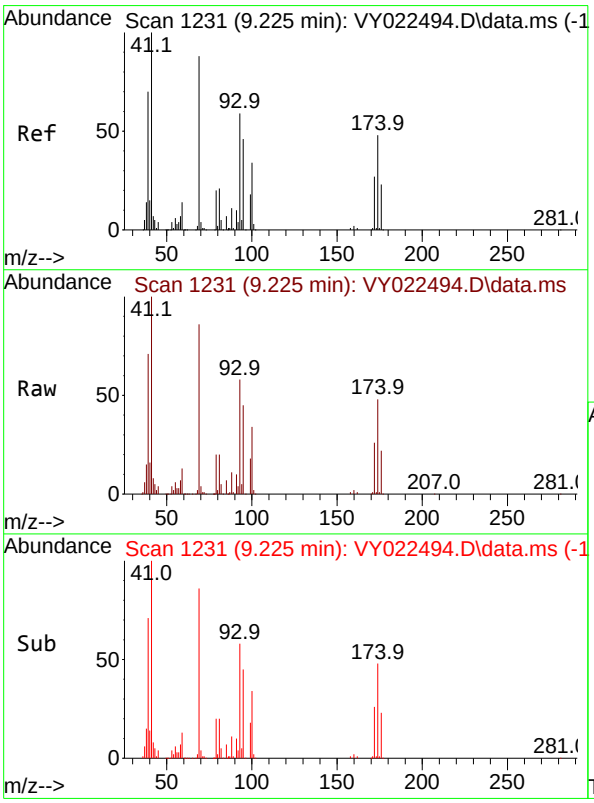
#47
Bromodichloromethane
Concen: 51.664 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 172341

Ion	Ratio	Lower	Upper
83	100		
85	61.4	49.1	73.7
127	7.8	6.2	9.4

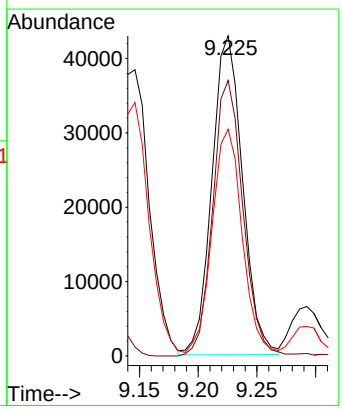


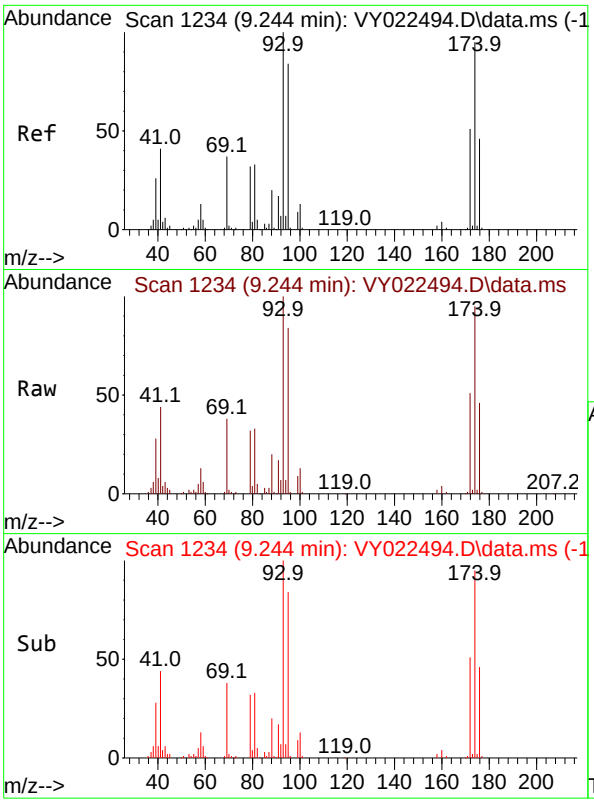


#48
Methyl methacrylate
Concen: 52.963 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 77885

Ion	Ratio	Lower	Upper
41	100		
69	84.8	67.8	101.8
39	68.7	55.0	82.4



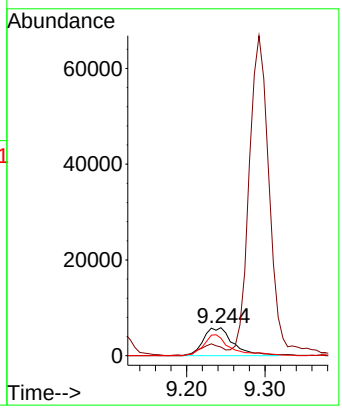


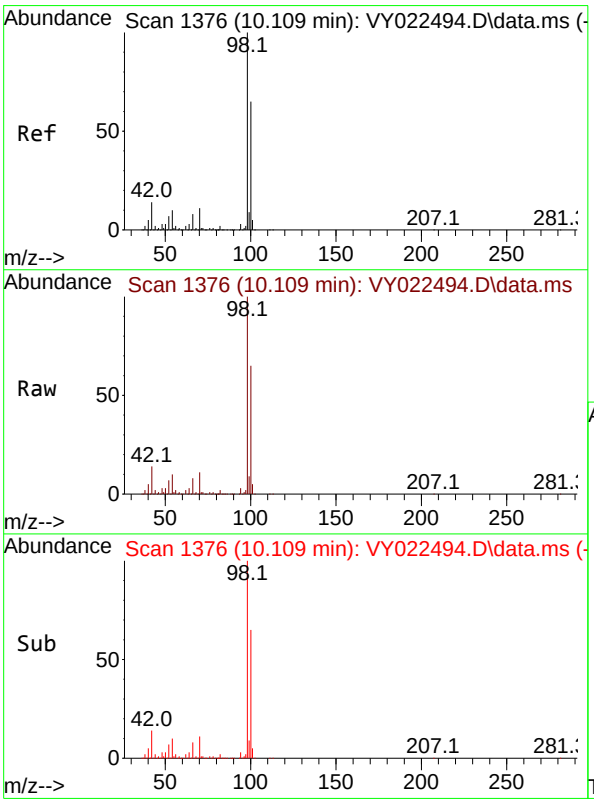
#49
1,4-Dioxane
Concen: 977.637 ug/l
RT: 9.244 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 15334

Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.4	38.2
58	68.6	54.9	82.3

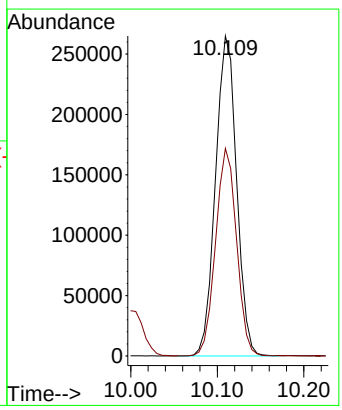


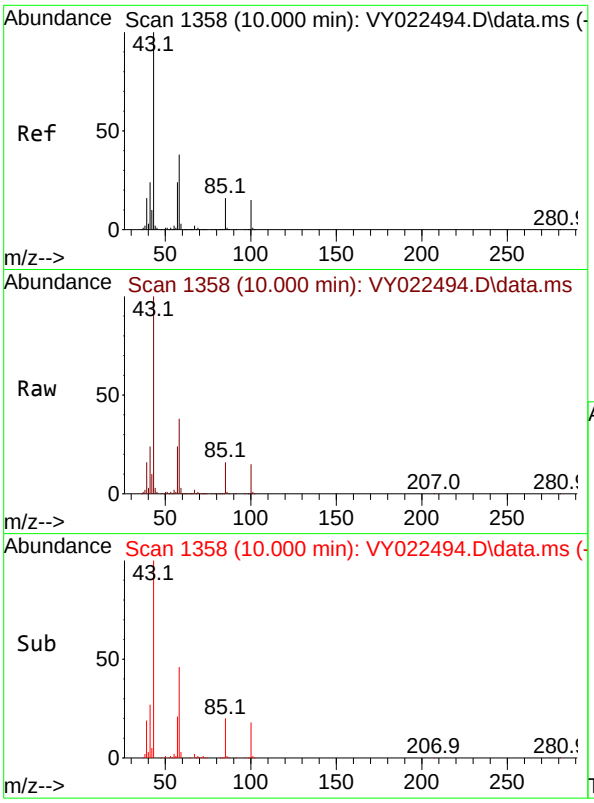


#50
Toluene-d8
Concen: 53.734 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 98 Resp: 448690

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



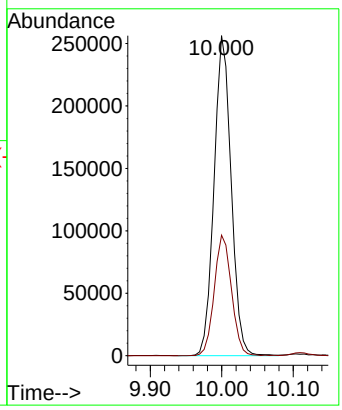


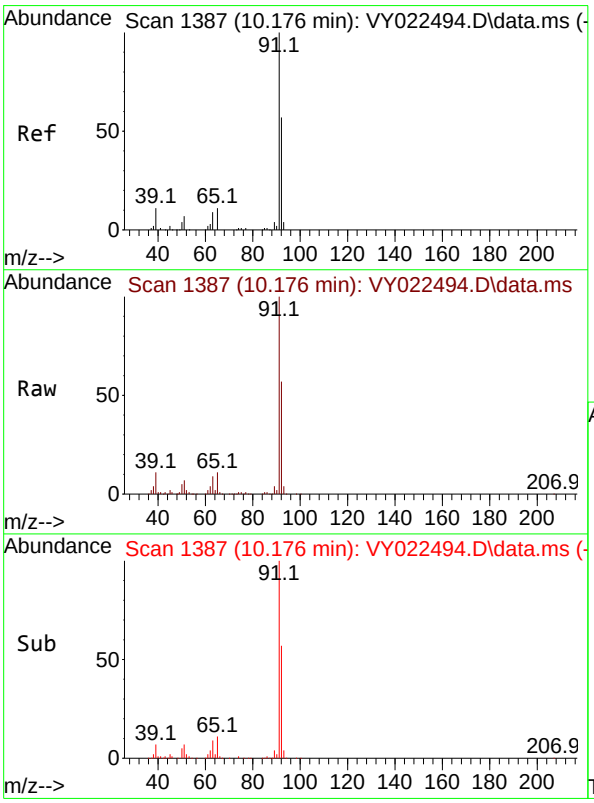
#51
4-Methyl-2-Pentanone
Concen: 267.154 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 425868

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.4	45.6

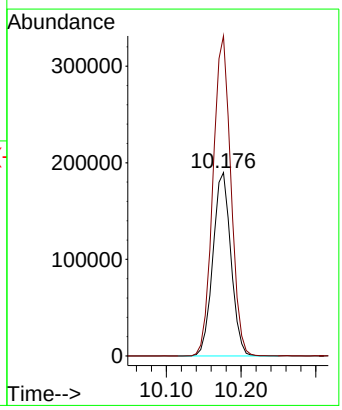


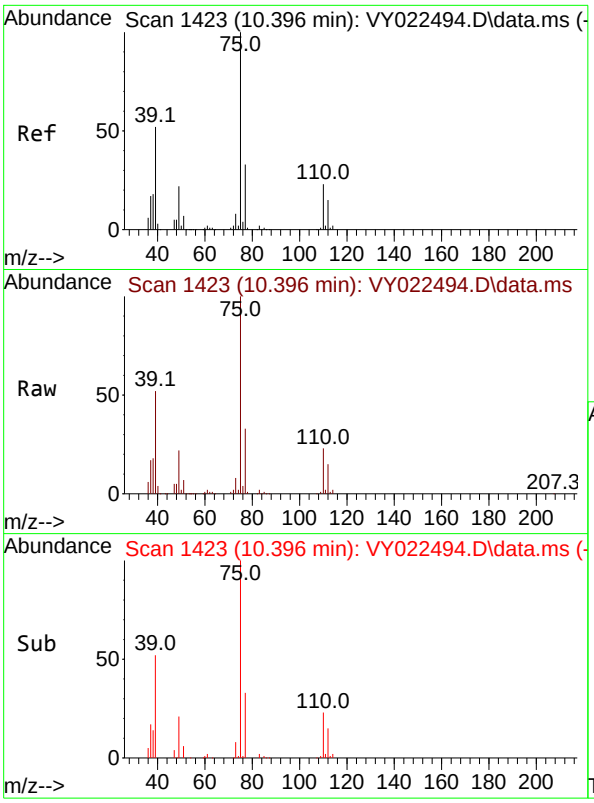


#52
Toluene
Concen: 51.213 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 92 Resp: 316972

Ion	Ratio	Lower	Upper
92	100		
91	173.7	139.0	208.4



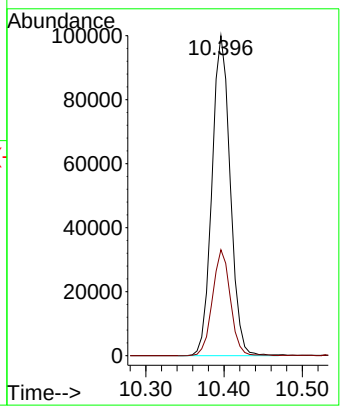


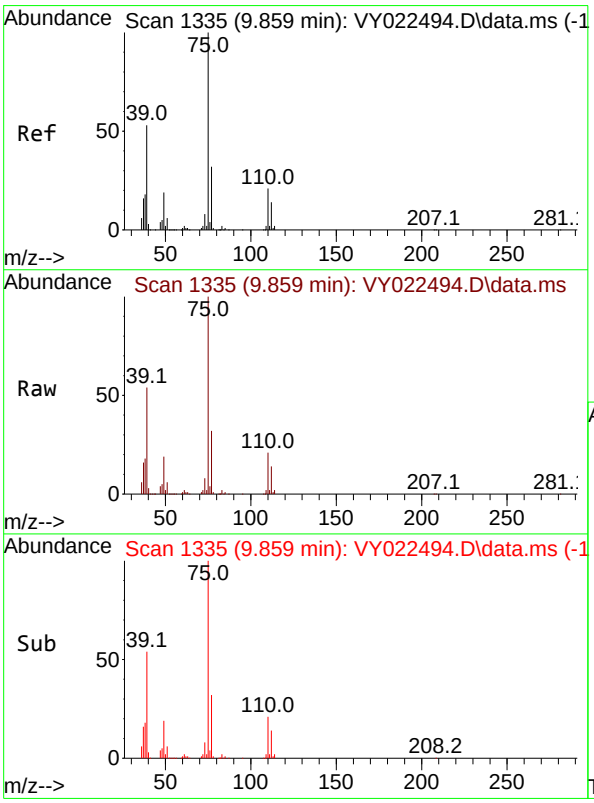
#53
t-1,3-Dichloropropene
Concen: 52.450 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 161859

Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.5	39.7

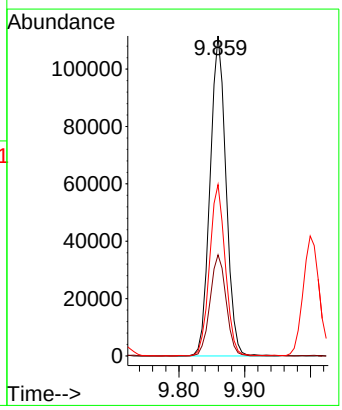


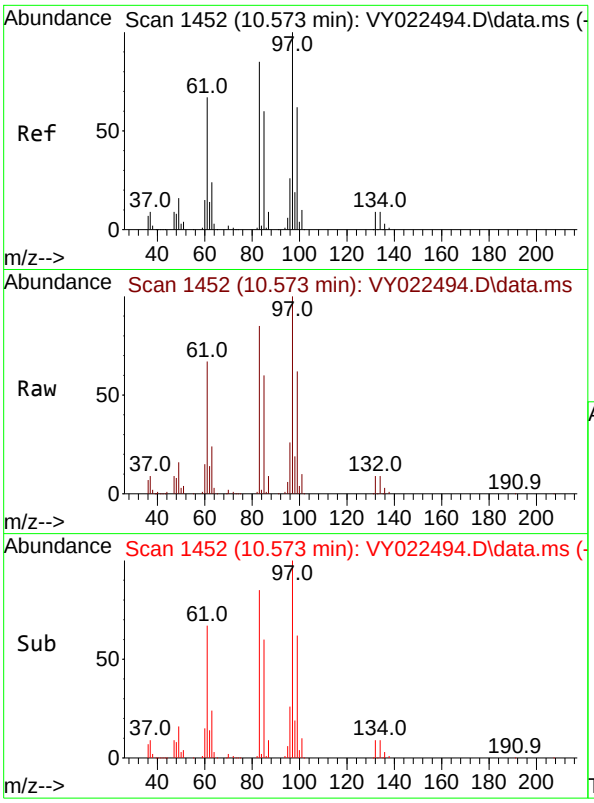


#54
cis-1,3-Dichloropropene
Concen: 52.108 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 188559

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	53.4	42.7	64.1



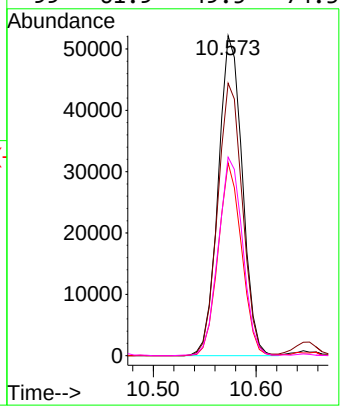


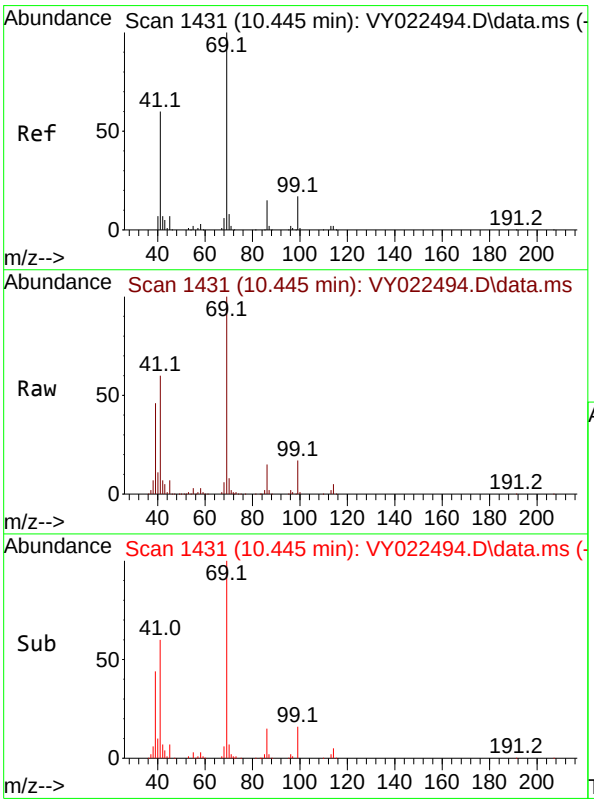
#55
1,1,2-Trichloroethane
Concen: 51.209 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 84788

Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	60.2	48.2	72.2
99	61.9	49.5	74.3

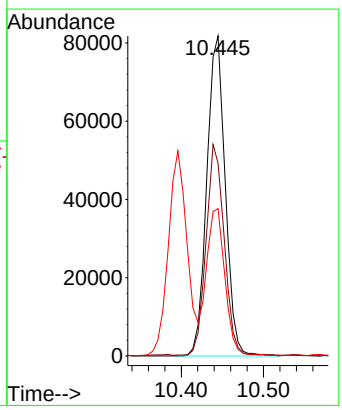


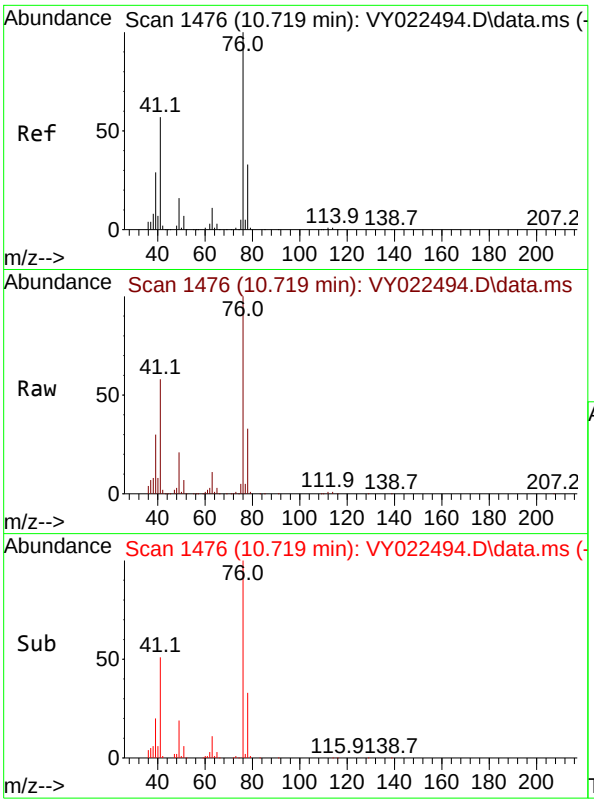


#56
Ethyl methacrylate
Concen: 52.930 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 69 Resp: 127271

Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.2	78.2
39	45.9	36.7	55.1



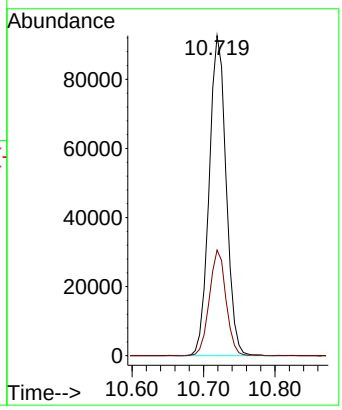


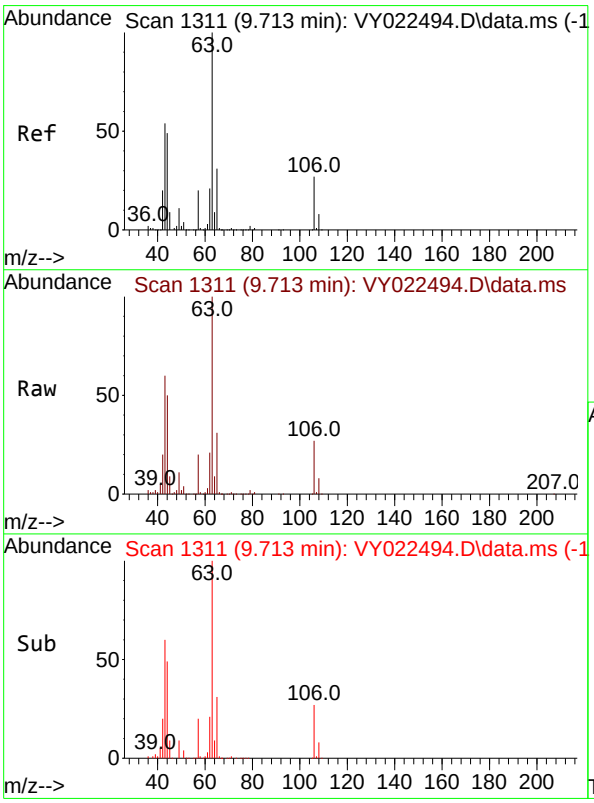
#57
1,3-Dichloropropane
Concen: 51.821 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 152809

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

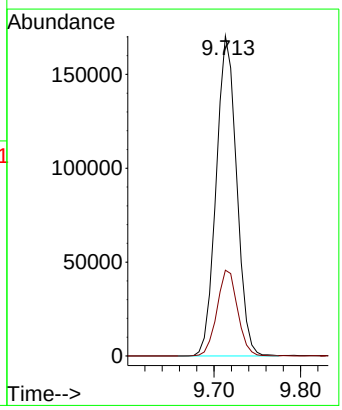


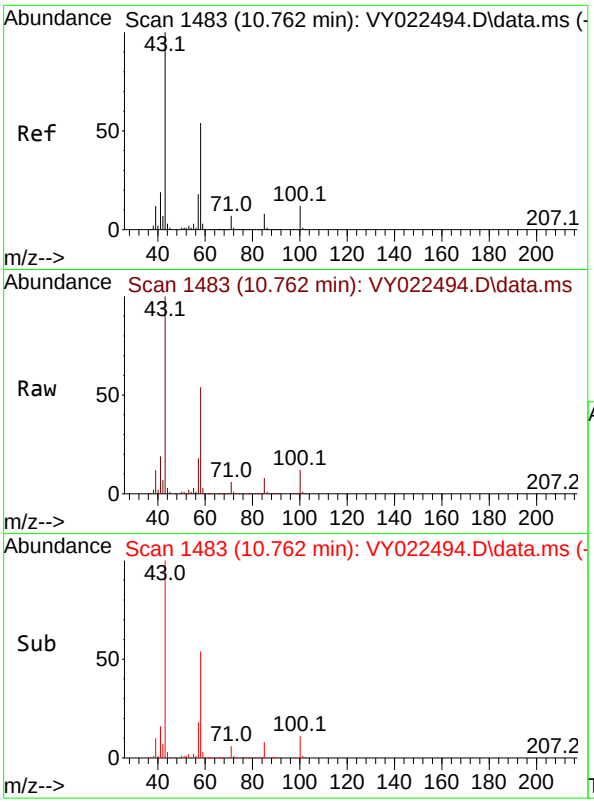


#58
2-Chloroethyl Vinyl ether
Concen: 260.896 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 63 Resp: 279669

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.6	32.4



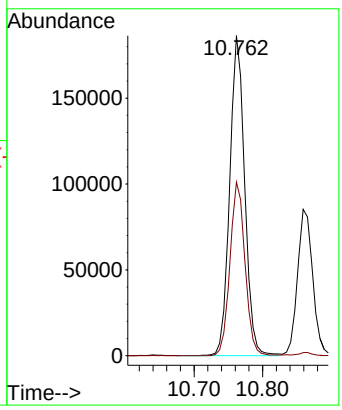


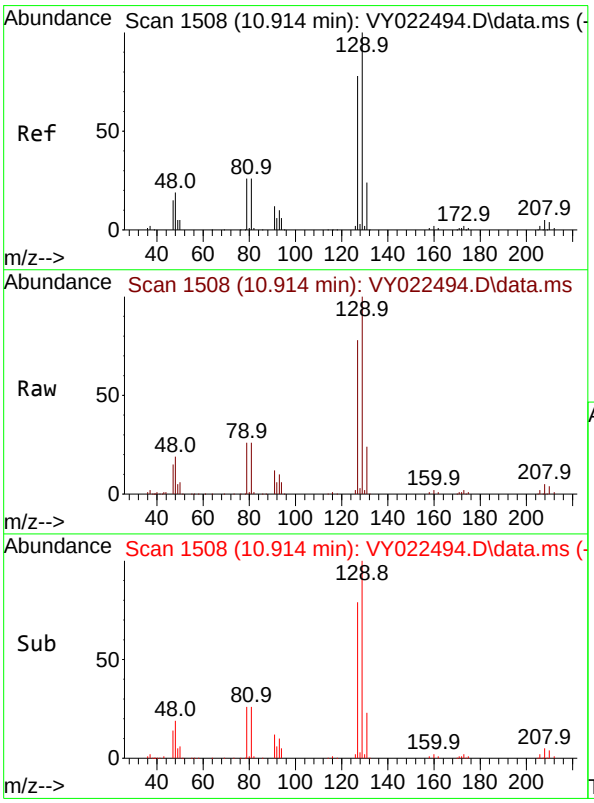
#59
2-Hexanone
Concen: 266.885 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 283601

Ion	Ratio	Lower	Upper
43	100		
58	54.5	27.3	81.8

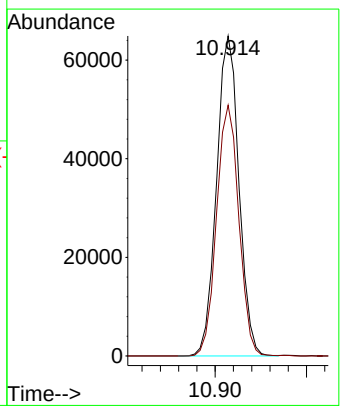


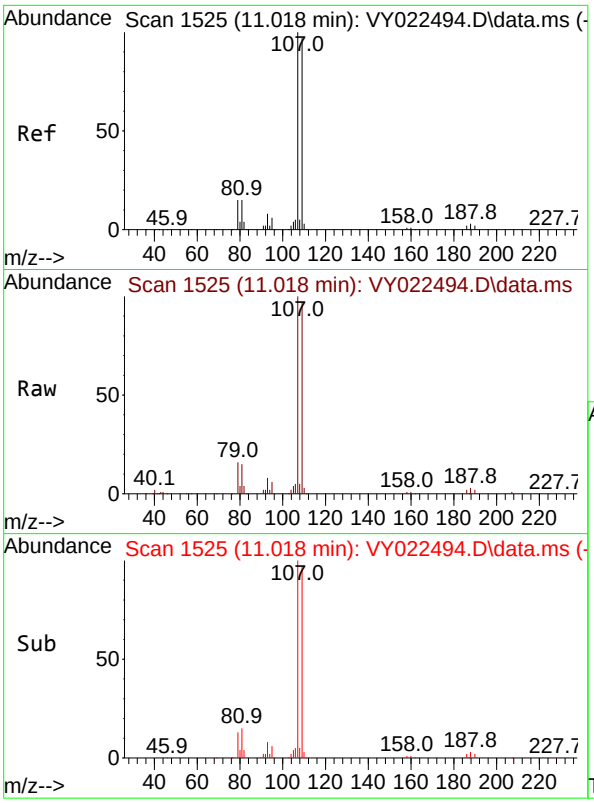


#60
Dibromochloromethane
Concen: 52.582 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:129 Resp: 110314

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.2



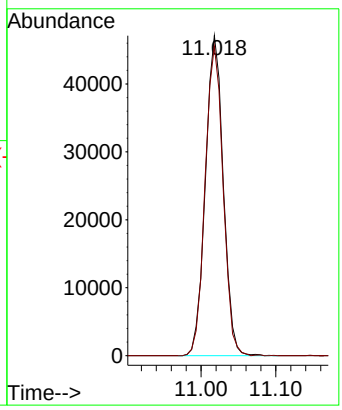


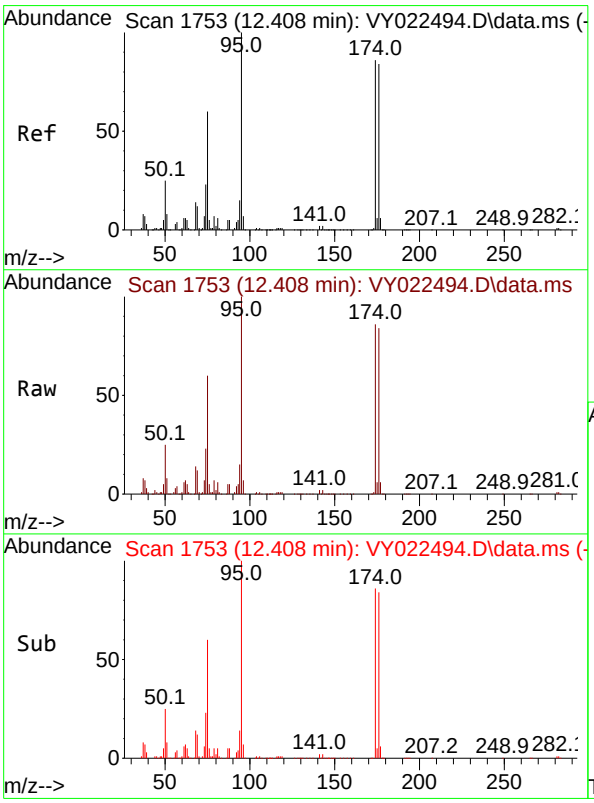
#61
1,2-Dibromoethane
Concen: 51.150 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 78151

Ion	Ratio	Lower	Upper
107	100		
109	97.1	77.7	116.5

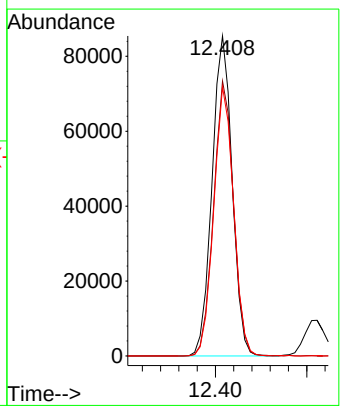


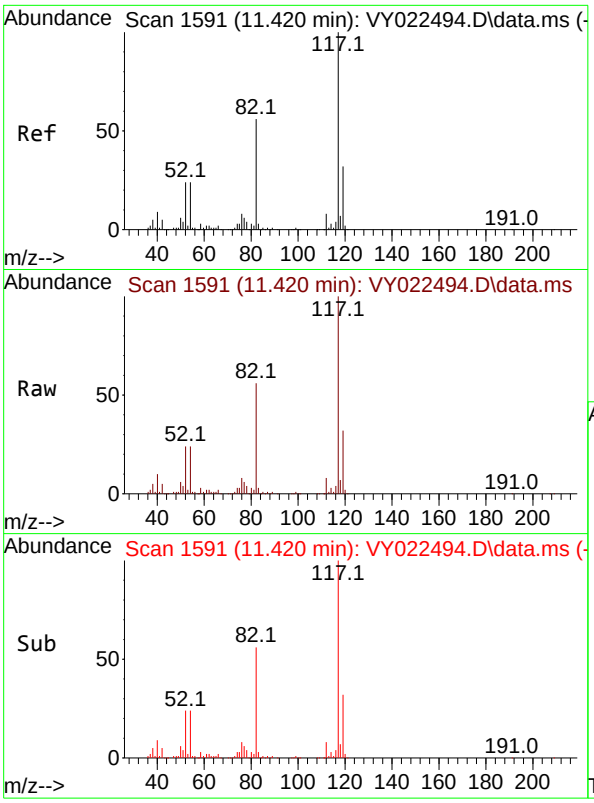


#62
4-Bromofluorobenzene
Concen: 51.503 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 95 Resp: 130393

Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	170.0
176	83.1	0.0	166.2



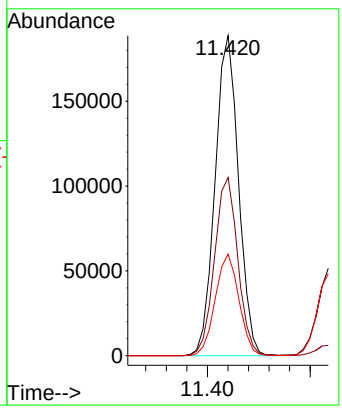


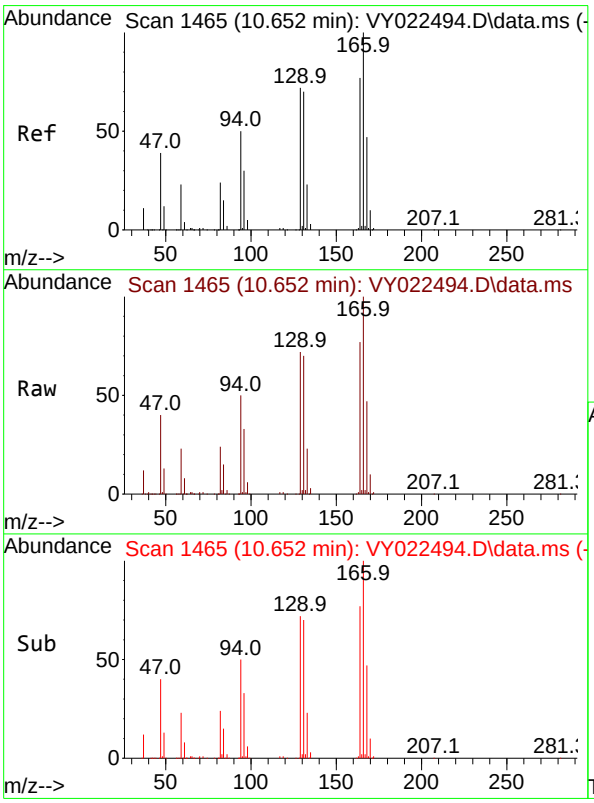
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 298187

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	31.7	25.4	38.0

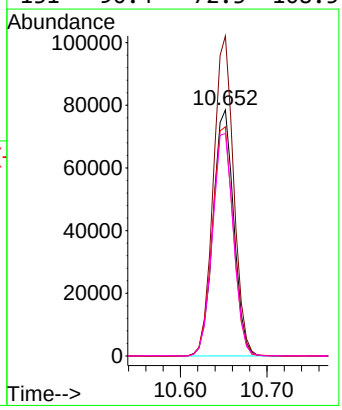


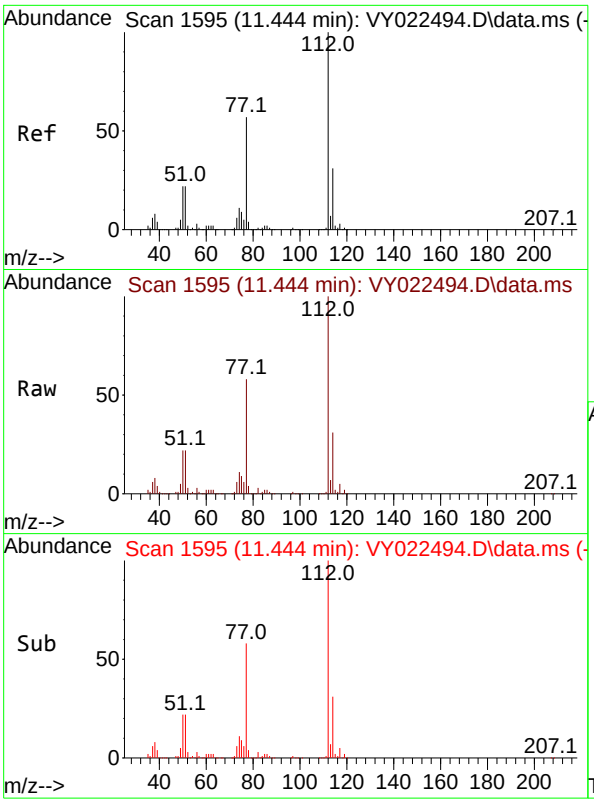


#64
Tetrachloroethene
Concen: 51.367 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:164 Resp: 130171

Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.0	156.0
129	93.1	74.5	111.7
131	90.4	72.3	108.5



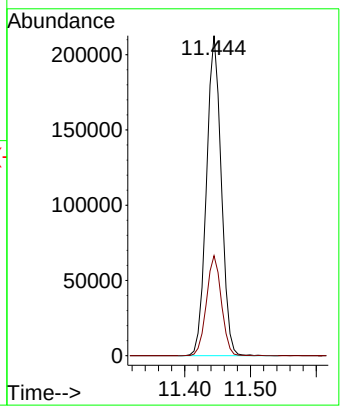


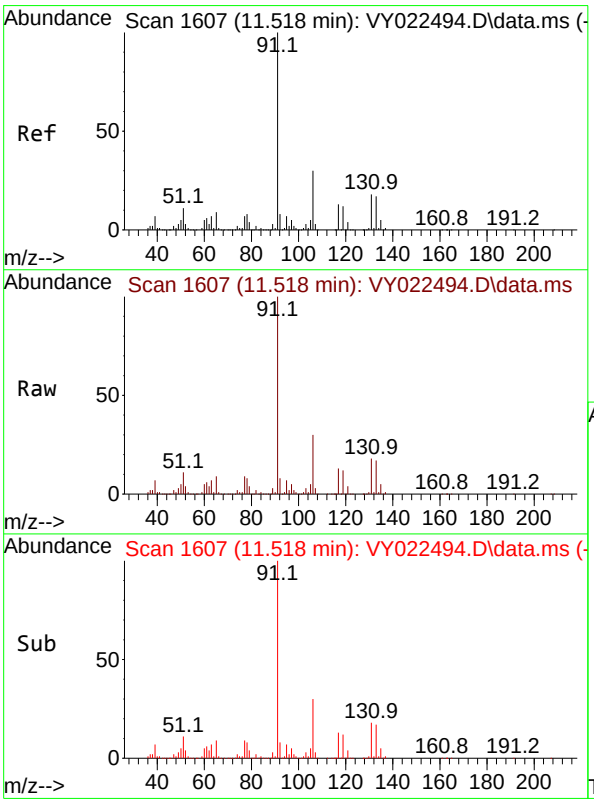
#65
Chlorobenzene
Concen: 51.447 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 332645

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.6

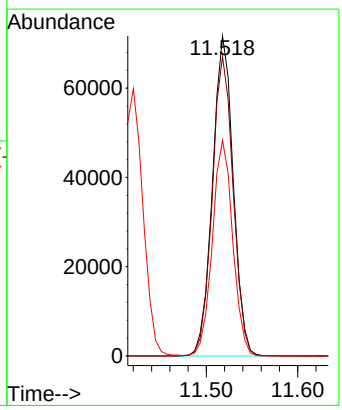


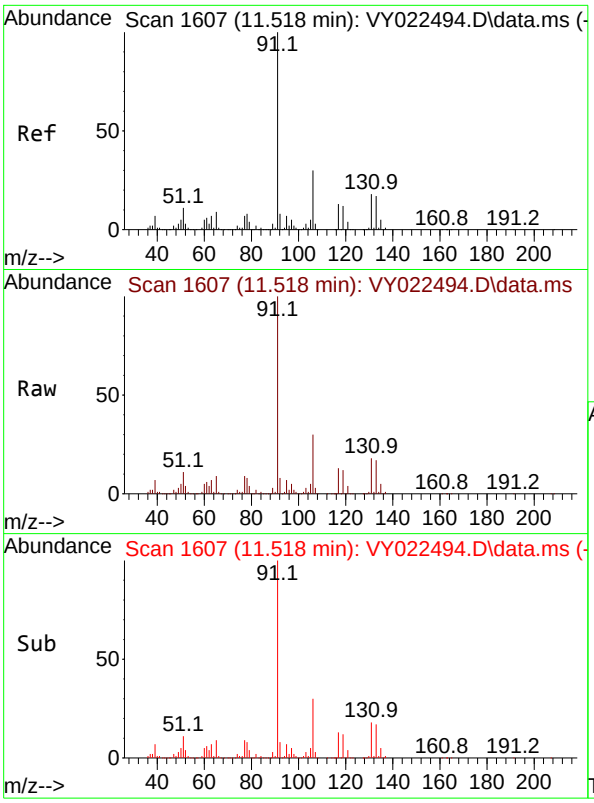


#66
1,1,1,2-Tetrachloroethane
Concen: 51.526 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:131 Resp: 112934

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	66.2	33.1	99.3



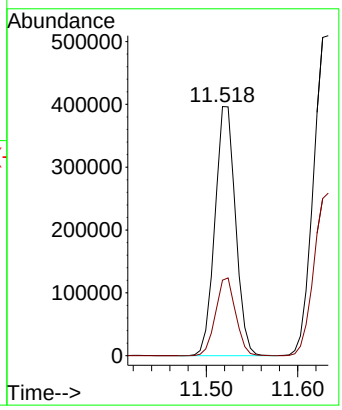


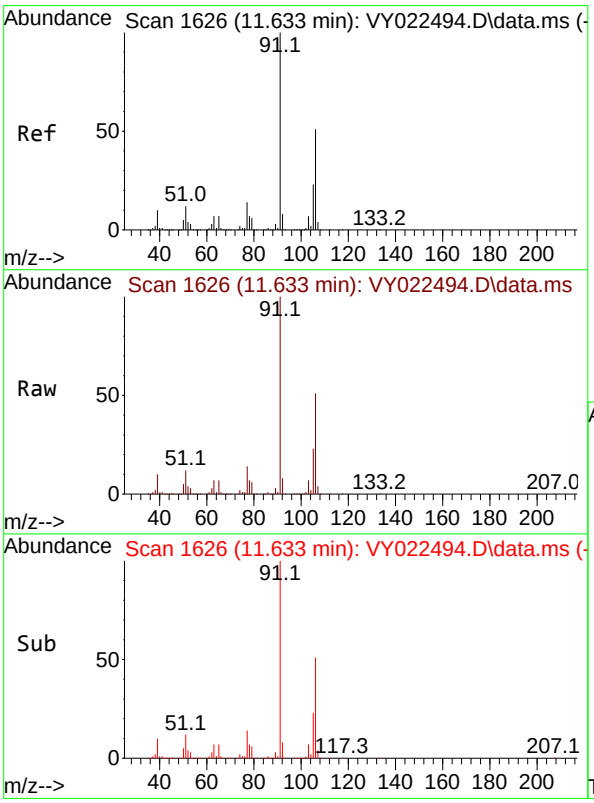
#67
Ethyl Benzene
Concen: 51.577 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 621031

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4

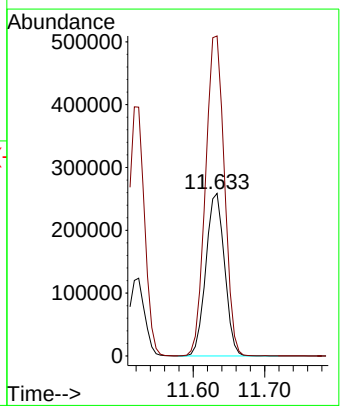


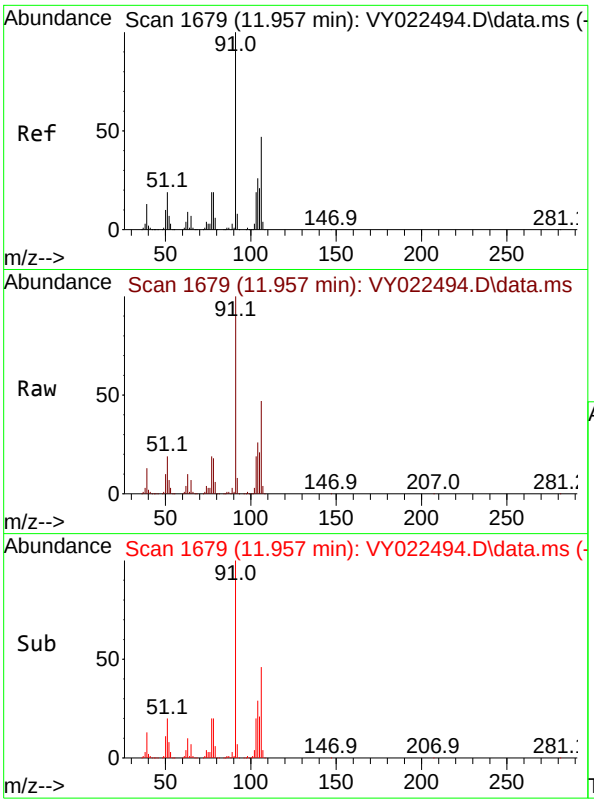


#68
m/p-Xylenes
Concen: 102.795 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:106 Resp: 468441

Ion	Ratio	Lower	Upper
106	100		
91	199.2	159.4	239.0



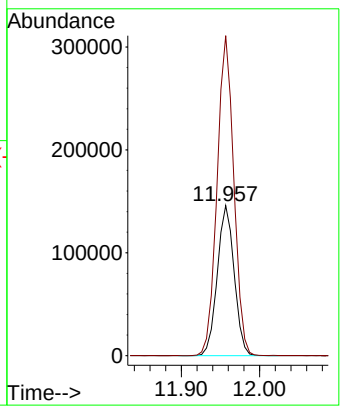


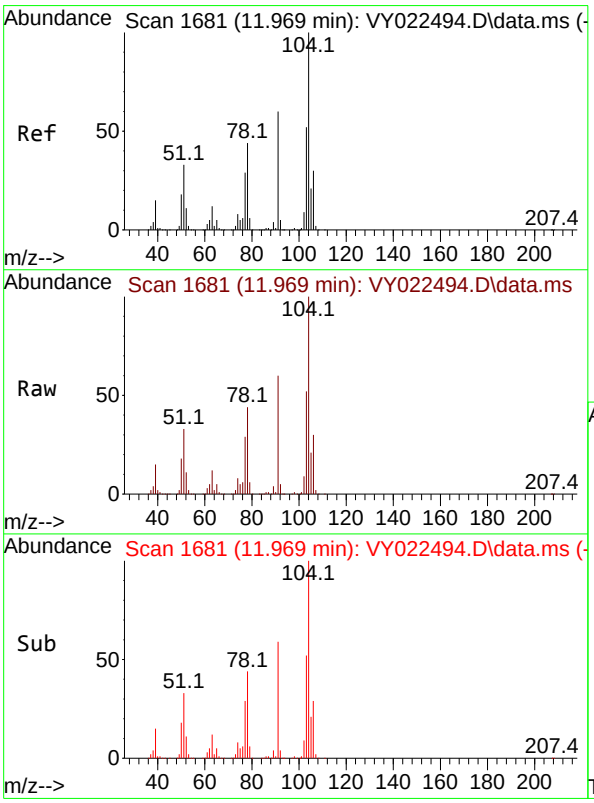
#69
o-Xylene
Concen: 51.293 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 218760

Ion	Ratio	Lower	Upper
106	100		
91	211.5	105.8	317.3

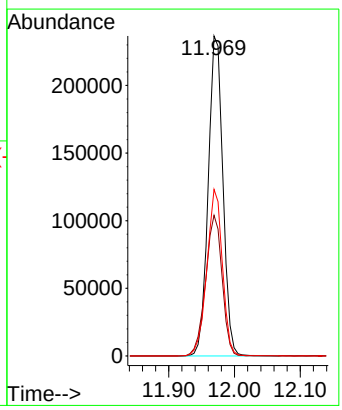


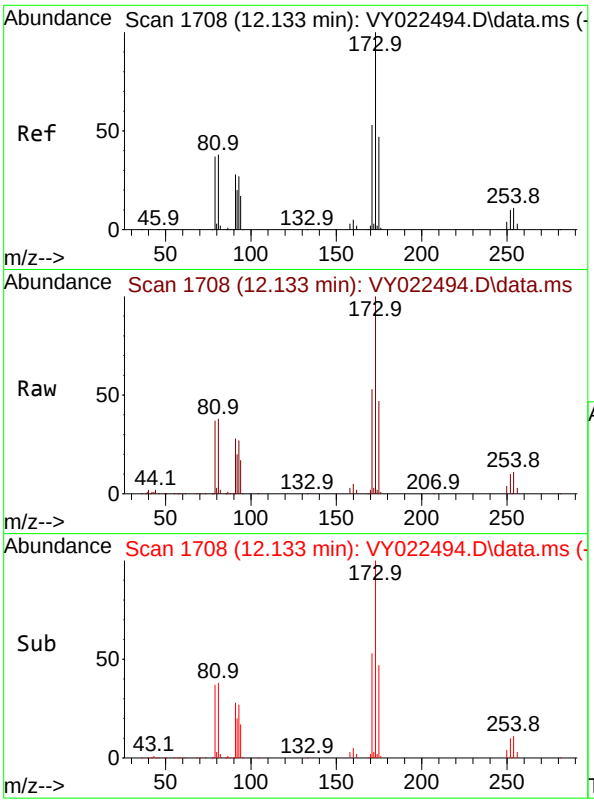


#70
Styrene
Concen: 52.052 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:104 Resp: 367553

Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.5	59.3
103	55.1	44.1	66.1



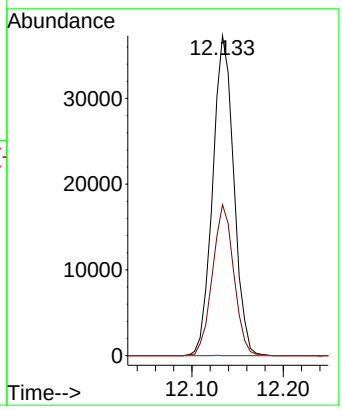


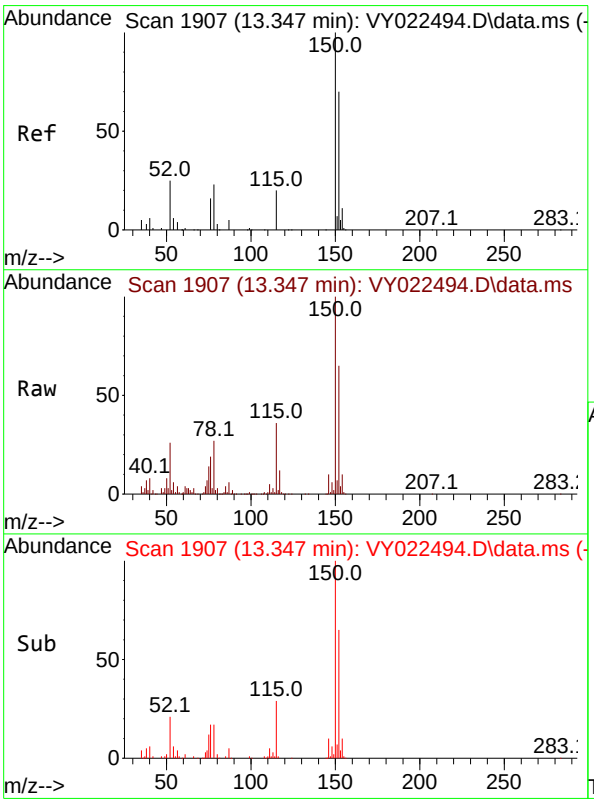
#71
Bromoform
Concen: 51.996 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 59888

Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.8	71.5
254	0.0	0.0	0.0#

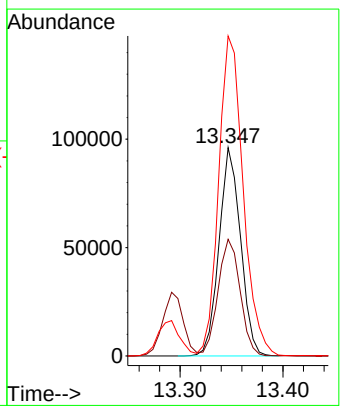


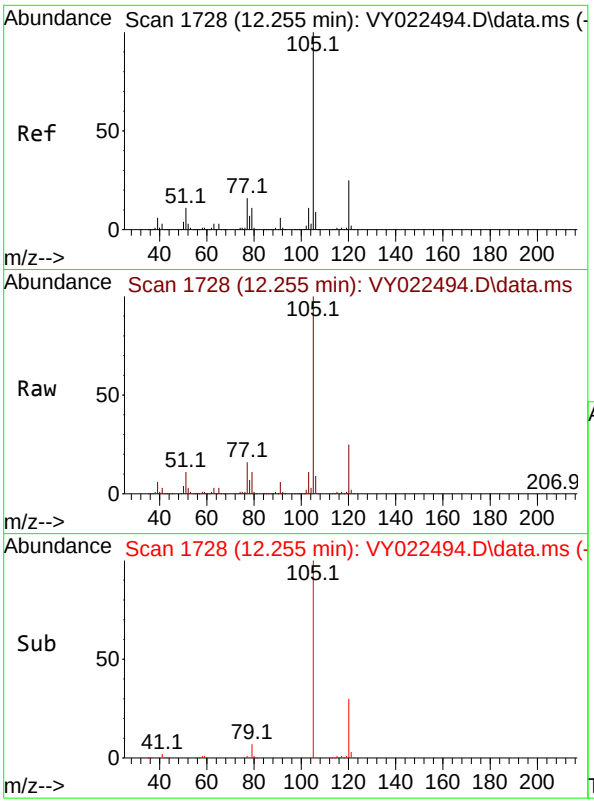


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:152 Resp: 139554

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.7
150	174.8	0.0	349.6



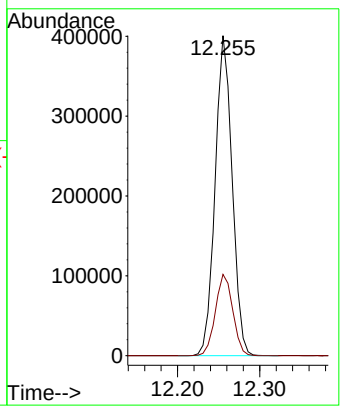


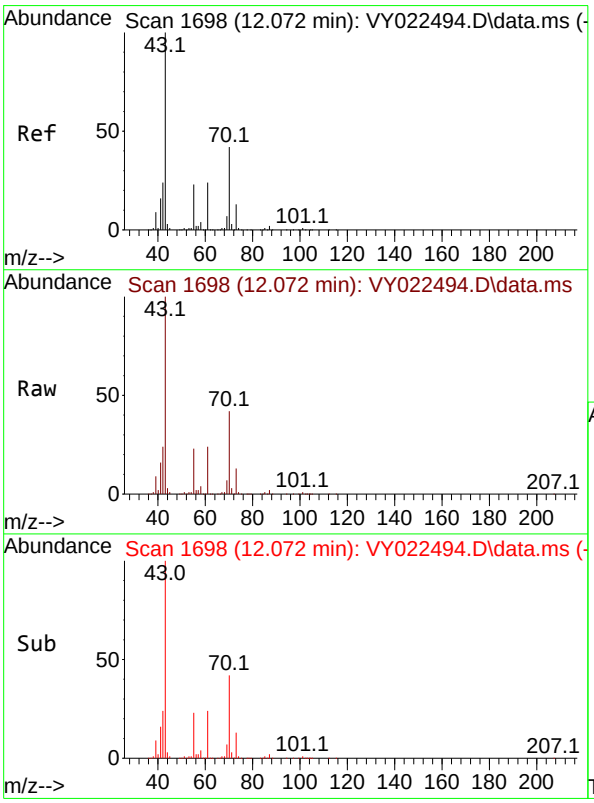
#73
Isopropylbenzene
Concen: 51.329 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 577133

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9

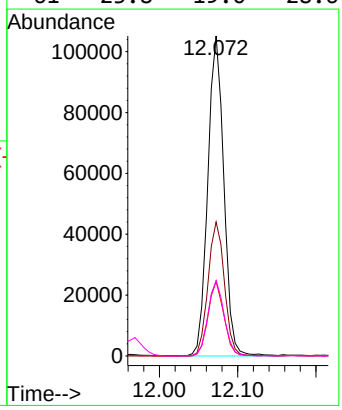


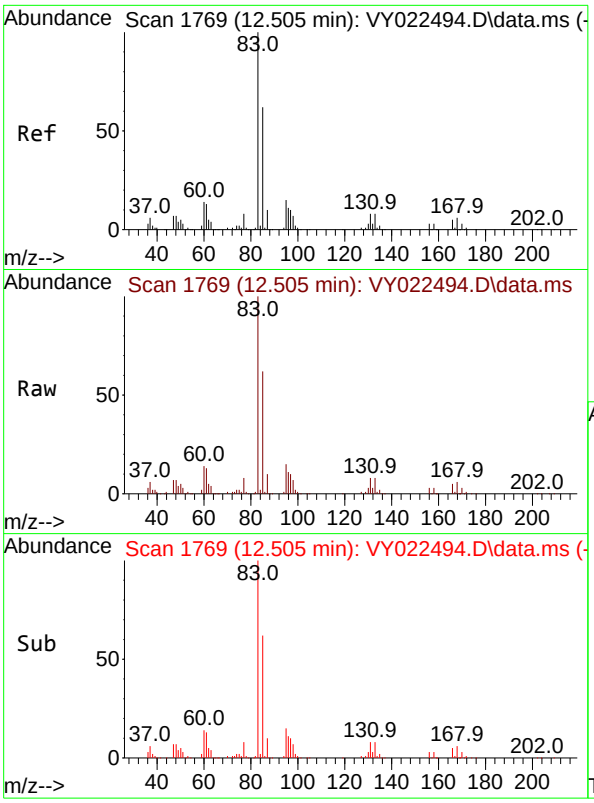


#74
N-amyl acetate
Concen: 52.627 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 149637

Ion	Ratio	Lower	Upper
43	100		
70	42.7	34.2	51.2
55	22.8	18.2	27.4
61	23.8	19.0	28.6



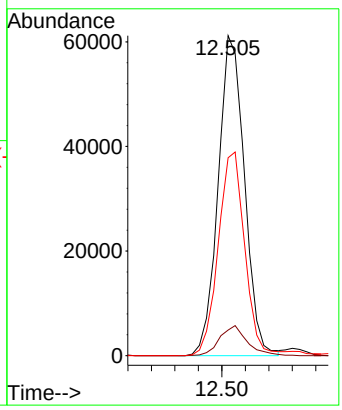


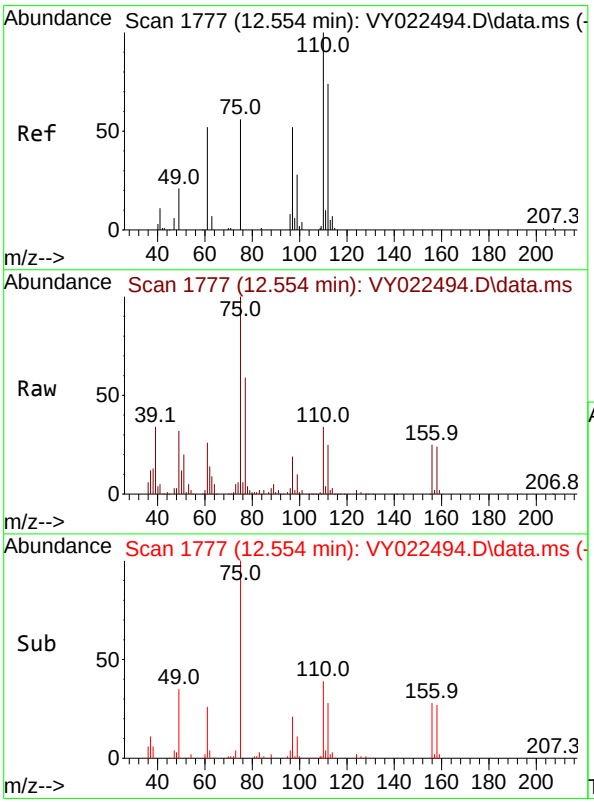
#75
1,1,2,2-Tetrachloroethane
Concen: 52.145 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 95218

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	65.2	32.6	97.8

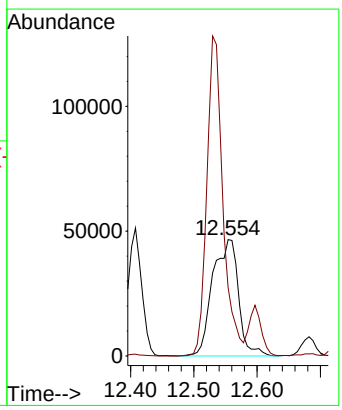


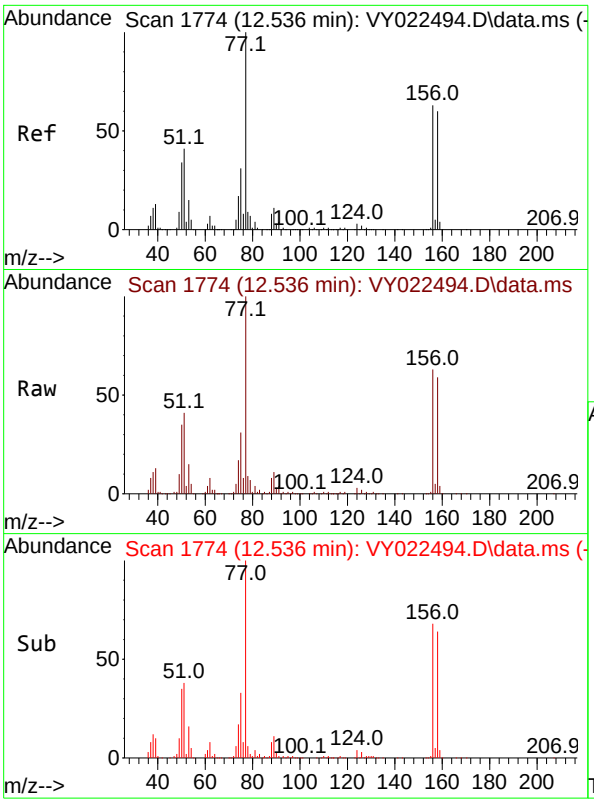


#76
1,2,3-Trichloropropane
Concen: 71.836 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 132344

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



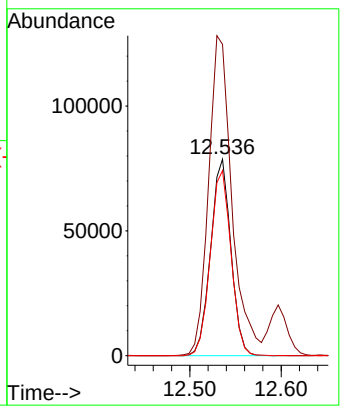


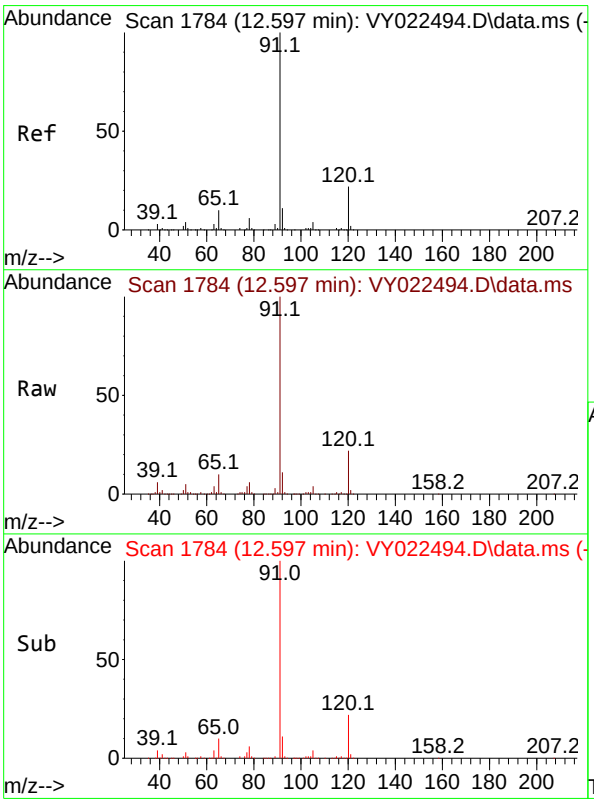
#77
Bromobenzene
Concen: 50.812 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 121092

Ion	Ratio	Lower	Upper
156	100		
77	188.1	94.0	282.1
158	96.4	48.2	144.6

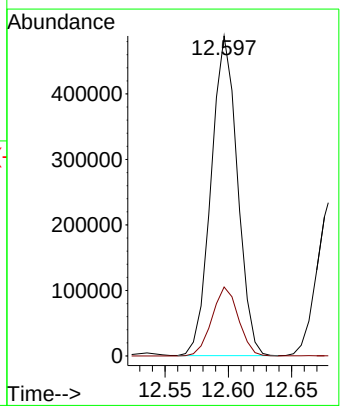


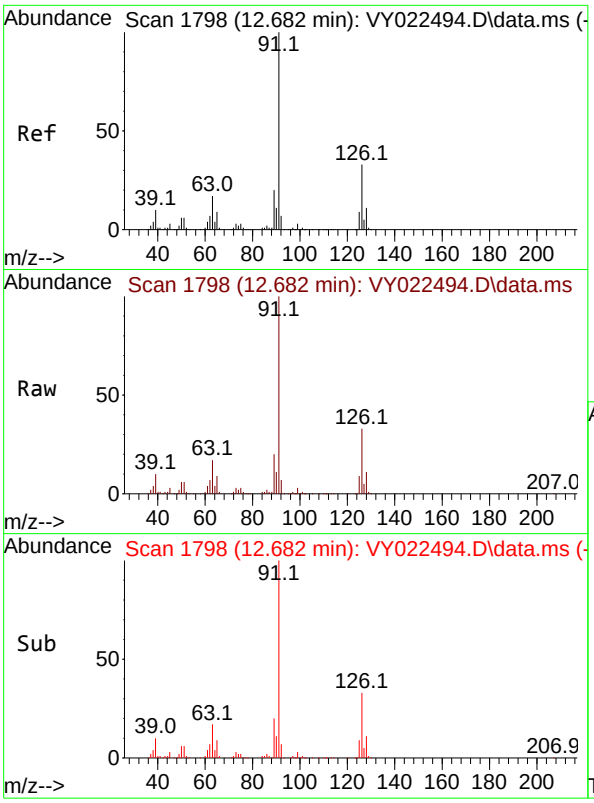


#78
n-propylbenzene
Concen: 51.667 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 707143

Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.4



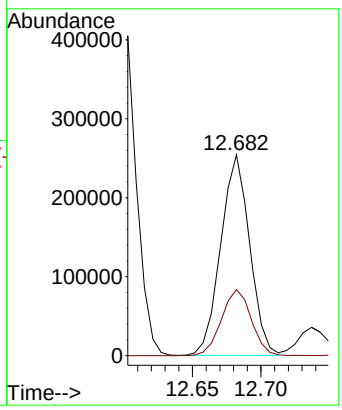


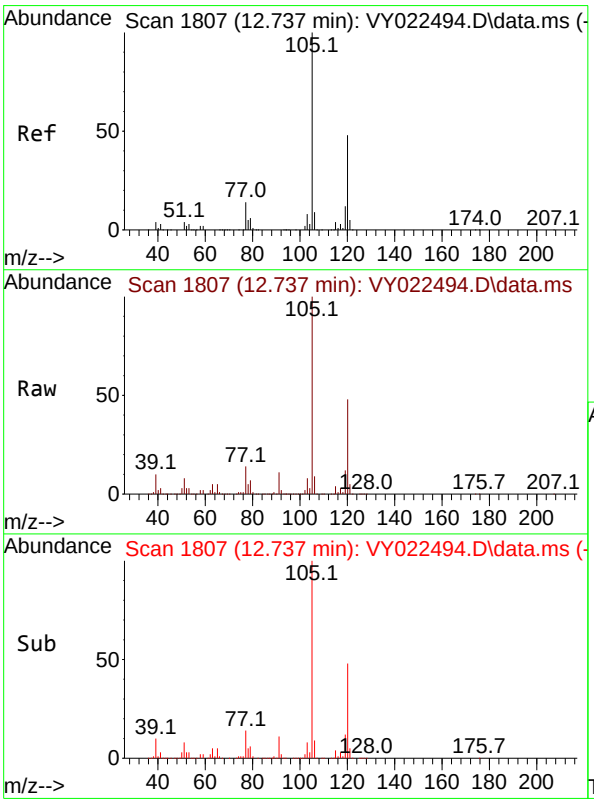
#79
2-Chlorotoluene
Concen: 51.670 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 373402

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0

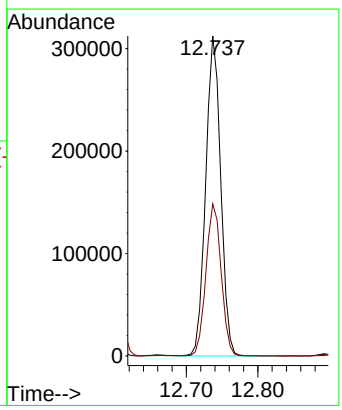


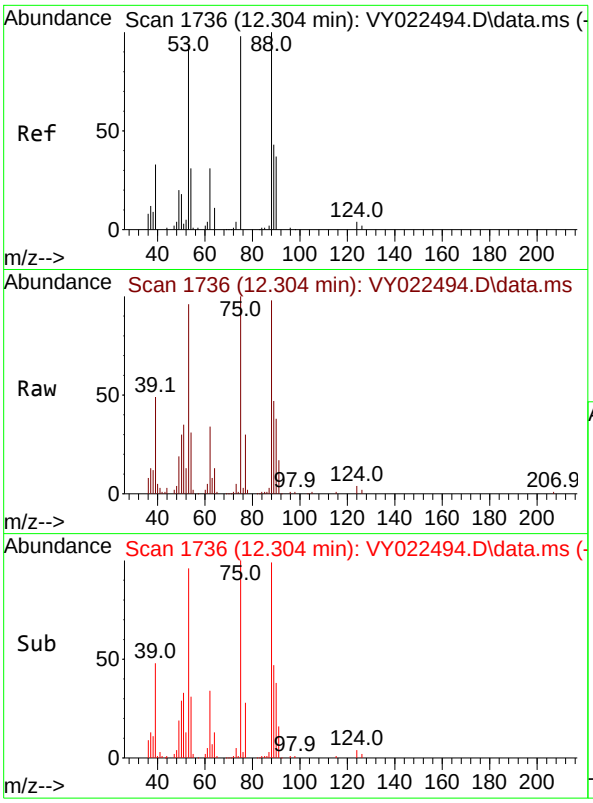


#80
1,3,5-Trimethylbenzene
Concen: 51.754 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 455006

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.4



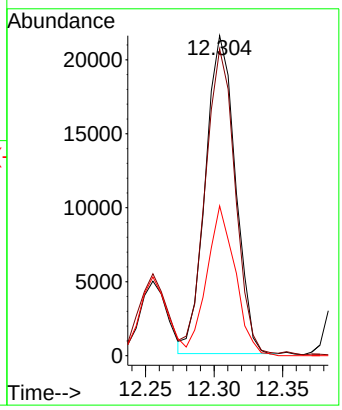


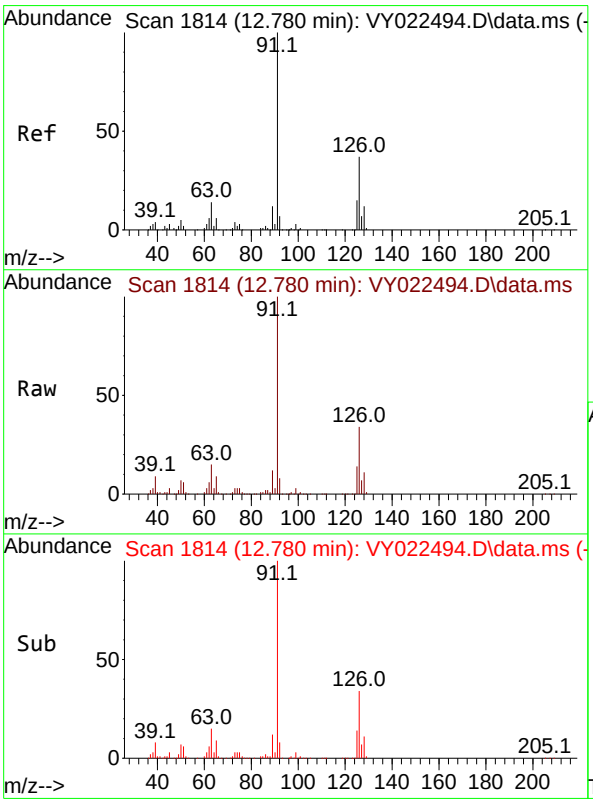
#81
trans-1,4-Dichloro-2-butene
Concen: 50.780 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 32630

Ion	Ratio	Lower	Upper
75	100		
53	98.1	78.5	117.7
89	44.6	35.7	53.5

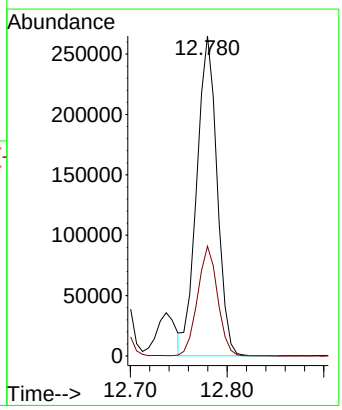


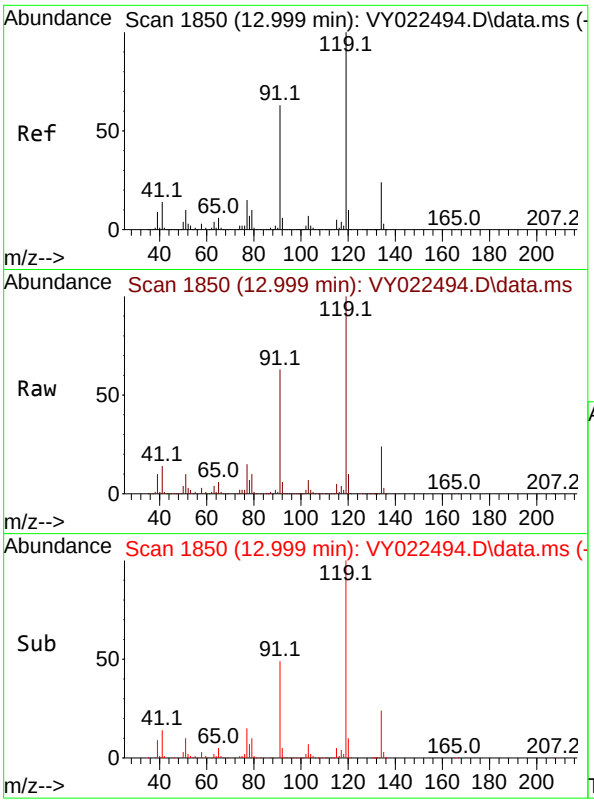


#82
4-Chlorotoluene
Concen: 51.710 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 387296

Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.0	50.9



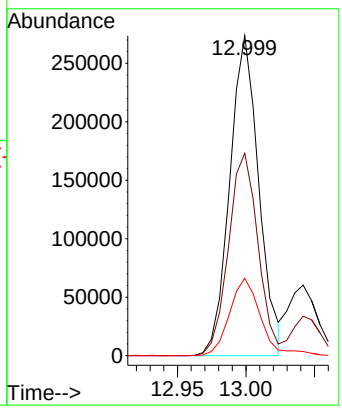


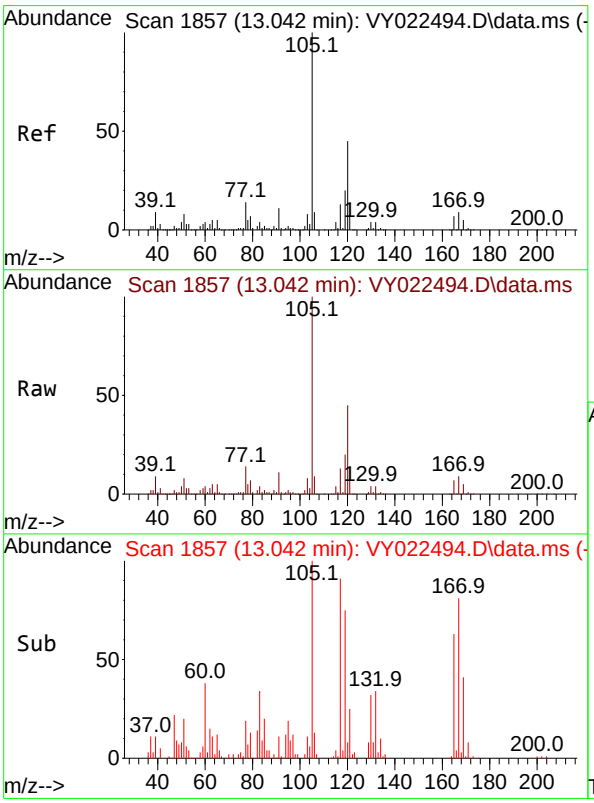
#83
tert-Butylbenzene
Concen: 50.438 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 404519

Ion	Ratio	Lower	Upper
119	100		
91	64.2	32.1	96.3
134	25.9	13.0	38.9

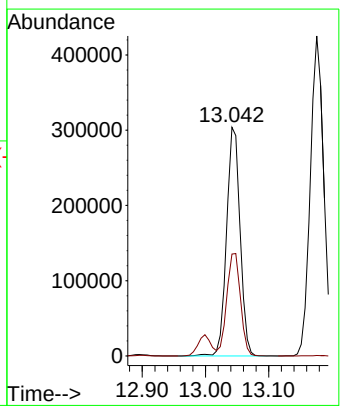


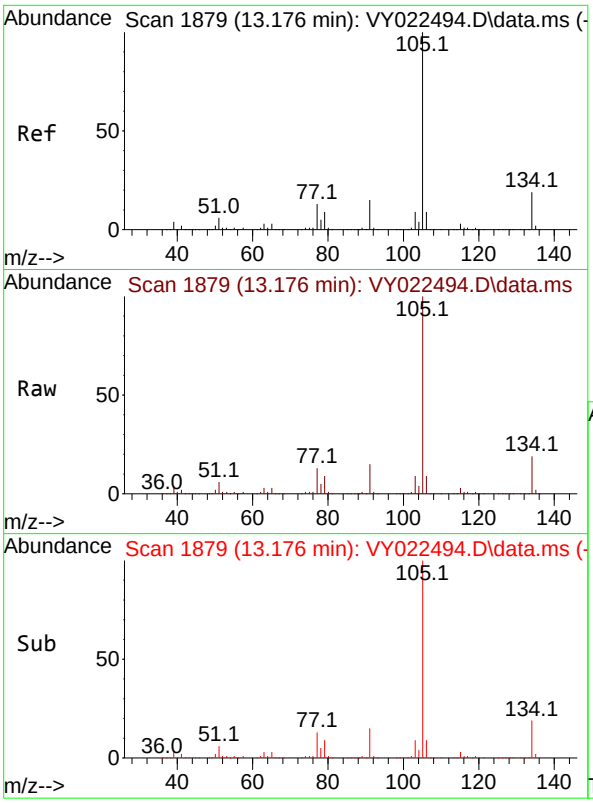


#84
1,2,4-Trimethylbenzene
Concen: 51.088 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 449372

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1



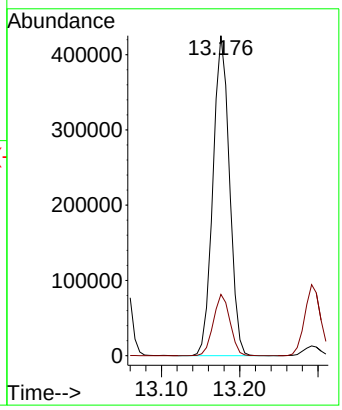


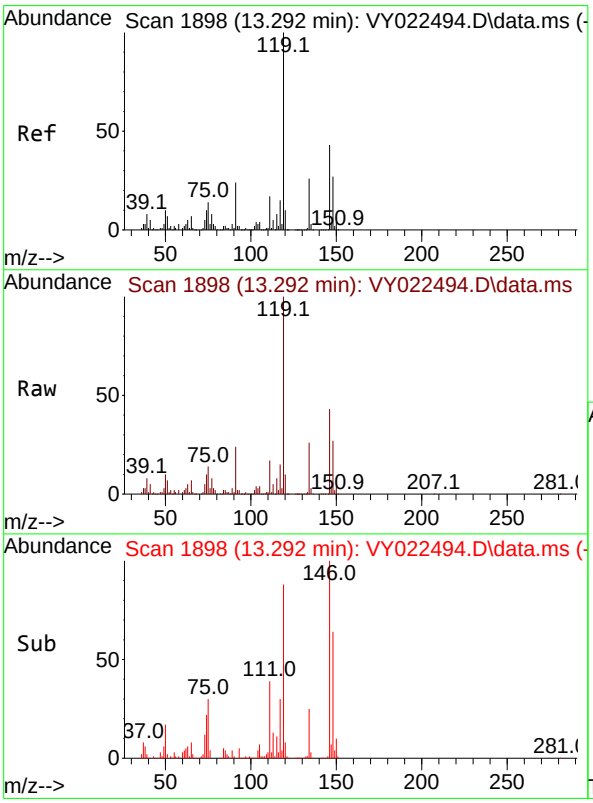
#85
sec-Butylbenzene
Concen: 51.250 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 623185

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

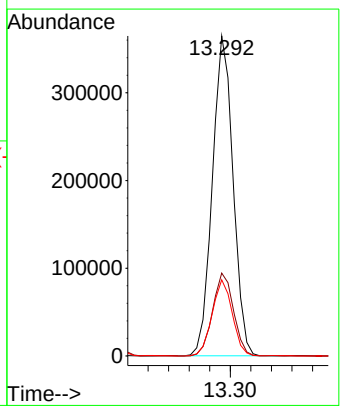


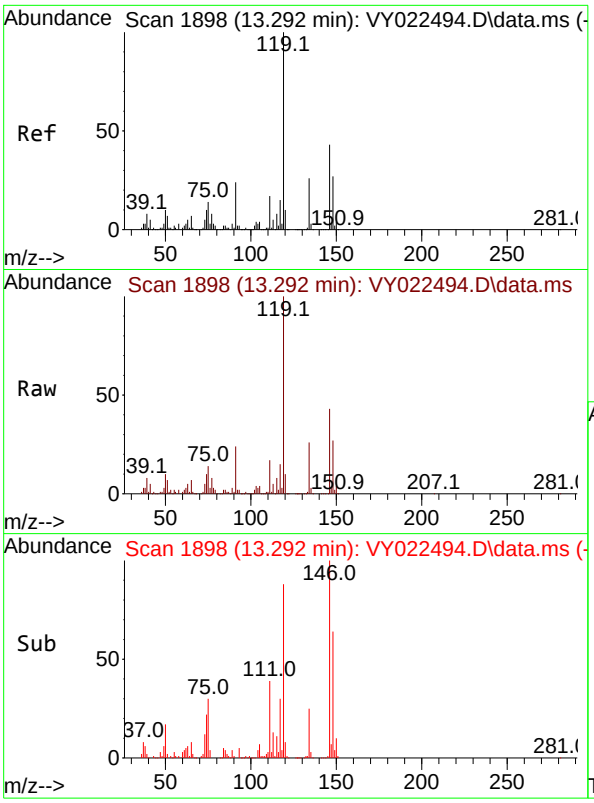


#86
p-Isopropyltoluene
Concen: 51.018 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:119 Resp: 510026

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	23.2	11.6	34.8



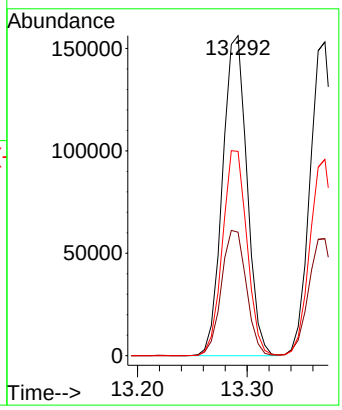


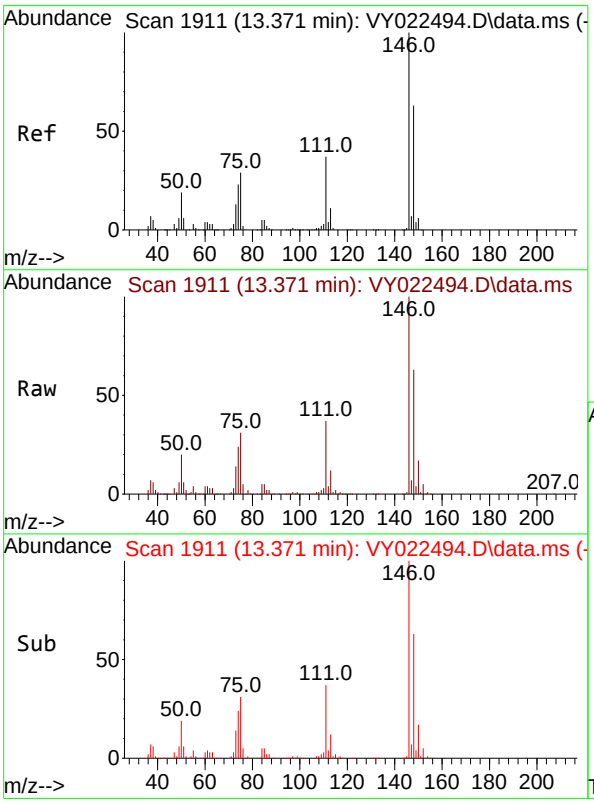
#87
1,3-Dichlorobenzene
Concen: 50.717 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 241816

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	64.2	32.1	96.3

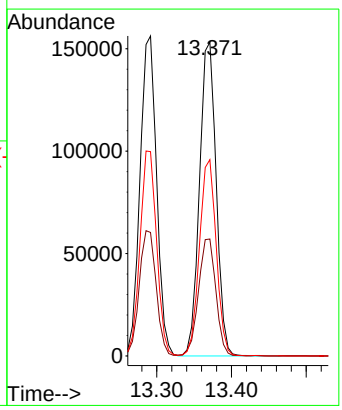


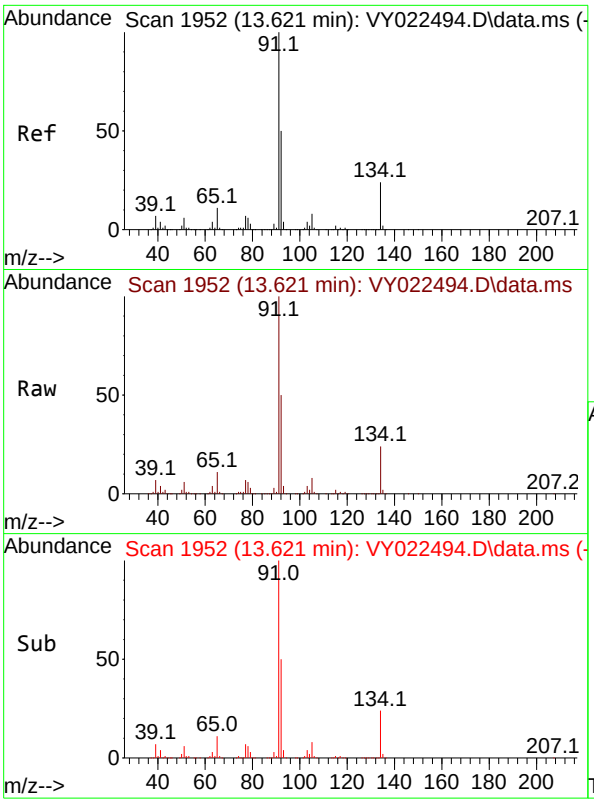


#88
1,4-Dichlorobenzene
Concen: 51.108 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:146 Resp: 237429

Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	63.2	31.6	94.8



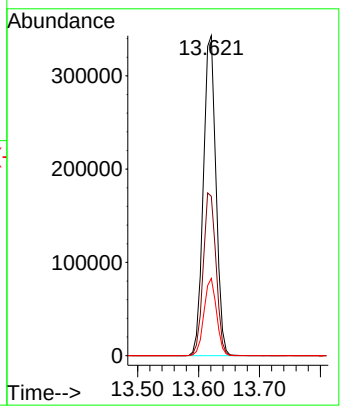


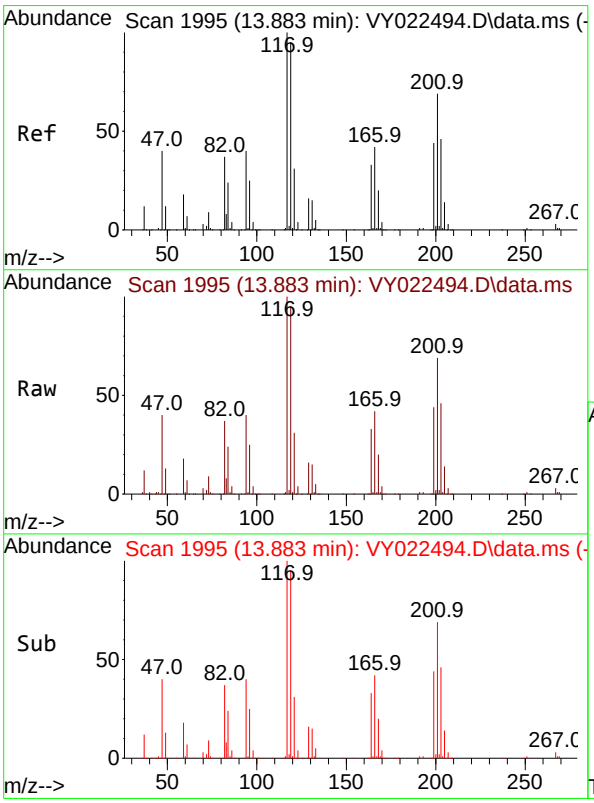
#89
n-Butylbenzene
Concen: 51.811 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 493153

Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	24.1	12.0	36.1

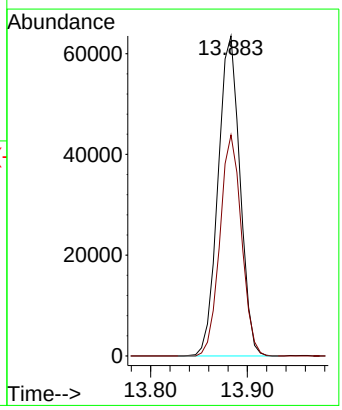


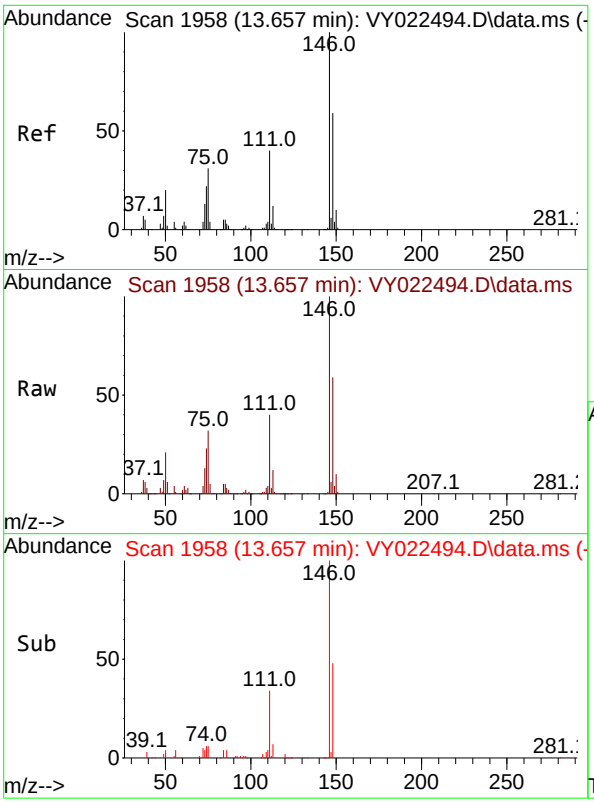


#90
Hexachloroethane
Concen: 51.068 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:117 Resp: 99901

Ion	Ratio	Lower	Upper
117	100		
201	68.0	34.0	102.0



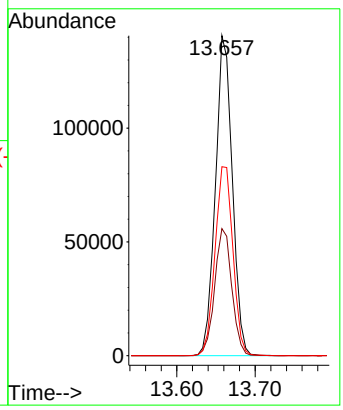


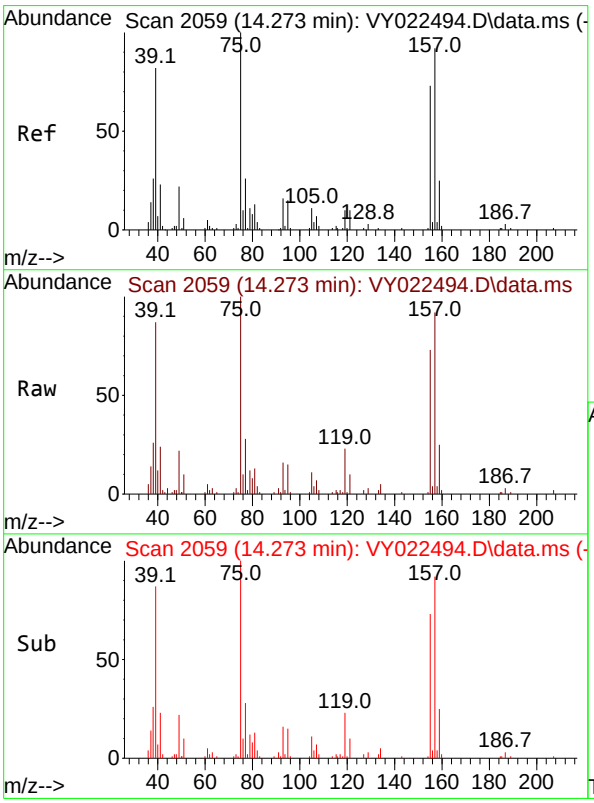
#91
1,2-Dichlorobenzene
Concen: 51.528 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 211065

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	62.7	31.4	94.0

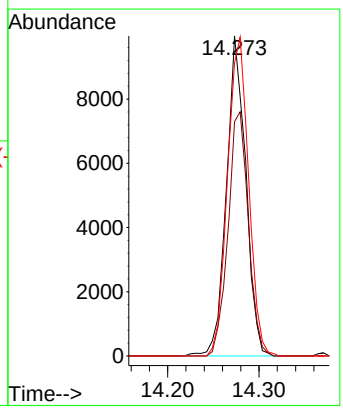


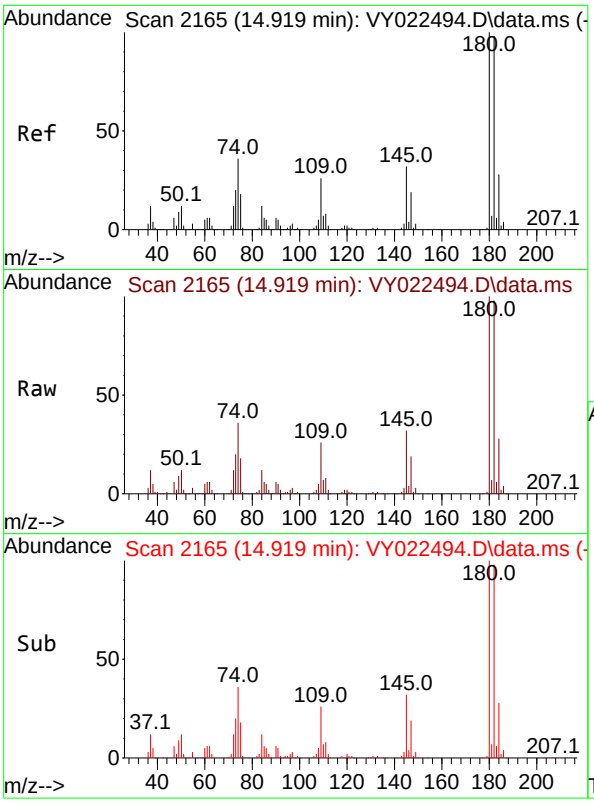


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.244 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 14697

Ion	Ratio	Lower	Upper
75	100		
155	79.7	39.9	119.6
157	108.0	54.0	162.0



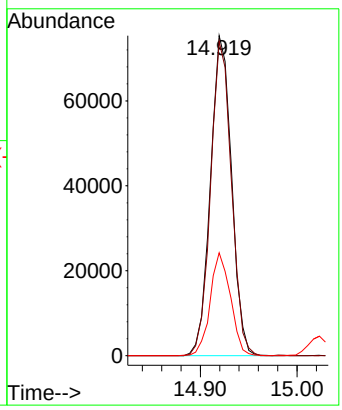


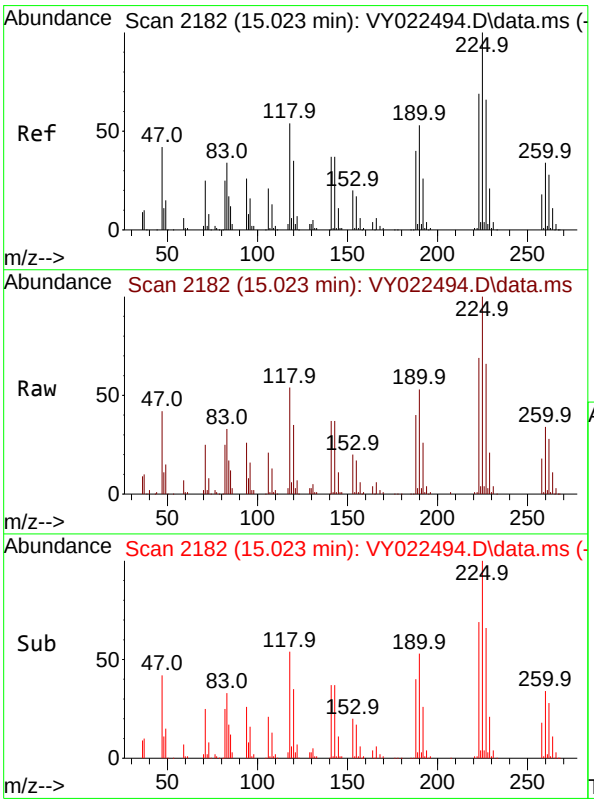
#93
1,2,4-Trichlorobenzene
Concen: 50.919 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 114007

Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.3
145	31.0	15.5	46.5

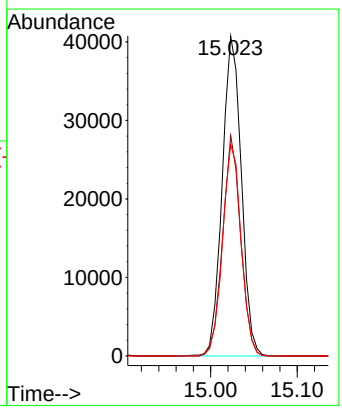


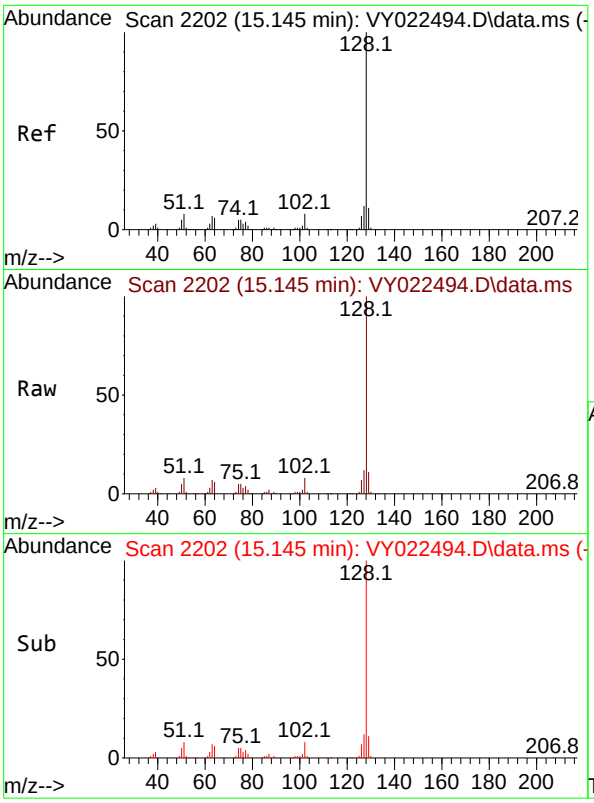


#94
Hexachlorobutadiene
Concen: 51.054 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:225 Resp: 62434

Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.5	97.4
227	64.6	32.3	96.9



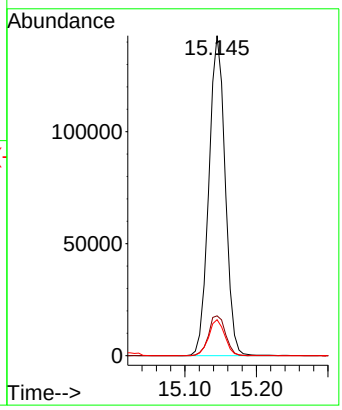


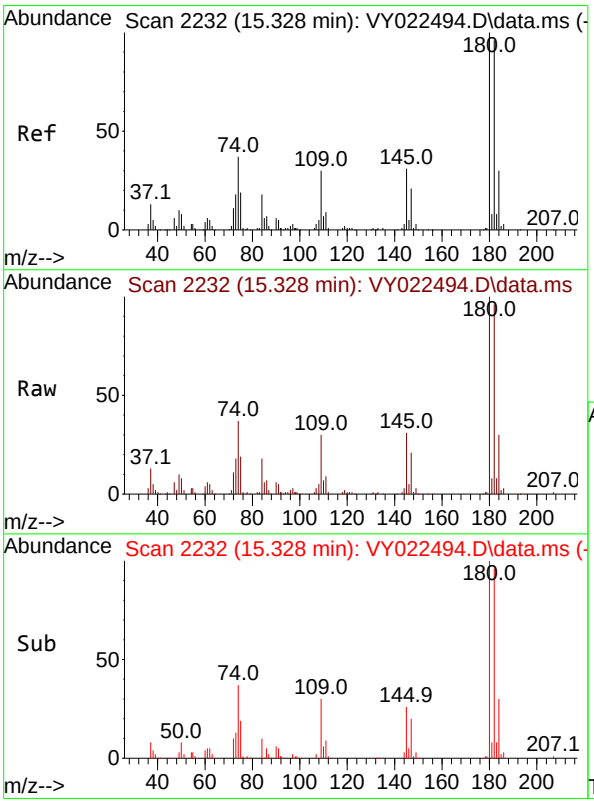
#95
Naphthalene
Concen: 52.686 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 226073

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3

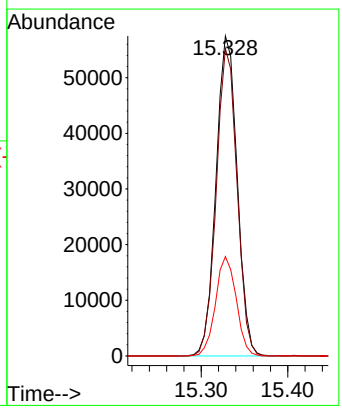




#96
1,2,3-Trichlorobenzene
Concen: 51.295 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:180 Resp: 97609

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.3
145	30.4	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	220566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	362519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	312741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	243724	101.553	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 203.100%#			
35) Dibromofluoromethane	7.634	113	222443	104.234	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 208.460%#			
50) Toluene-d8	10.109	98	908424	105.318	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 210.640%#			
62) 4-Bromofluorobenzene	12.407	95	270310	103.359	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 206.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	175145	90.872	ug/l	97
3) Chloromethane	2.068	50	519859	91.429	ug/l	99
4) Vinyl Chloride	2.202	62	636843	95.695	ug/l	100
5) Bromomethane	2.592	94	591589	93.980	ug/l	99
6) Chloroethane	2.732	64	414935	91.070	ug/l	96
7) Trichlorofluoromethane	3.049	101	539323	95.384	ug/l	97
8) Diethyl Ether	3.458	74	122923	98.428	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.817	101	230240	97.074	ug/l	99
10) Methyl Iodide	4.006	142	278576	109.525	ug/l	99
11) Tert butyl alcohol	4.878	59	83900	489.395	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	224855	99.317	ug/l	97
13) Acrolein	3.653	56	109392	522.746	ug/l	100
14) Allyl chloride	4.390	41	354774	100.560	ug/l	98
15) Acrylonitrile	5.067	53	269411	507.168	ug/l	100
16) Acetone	3.872	43	231202	487.310	ug/l	100
17) Carbon Disulfide	4.110	76	722508	99.952	ug/l	99
18) Methyl Acetate	4.390	43	132608	92.907	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	632873	100.187	ug/l	99
20) Methylene Chloride	4.622	84	241903	91.318	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	253184	100.103	ug/l	95
22) Diisopropyl ether	6.024	45	794164	101.232	ug/l	98
23) Vinyl Acetate	5.963	43	2424134	520.866	ug/l	99
24) 1,1-Dichloroethane	5.915	63	463641	99.980	ug/l	99
25) 2-Butanone	6.896	43	358881	512.798	ug/l	99
26) 2,2-Dichloropropane	6.890	77	420323	101.961	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	294837	100.858	ug/l	98
28) Bromochloromethane	7.250	49	206906	103.263	ug/l	100
29) Tetrahydrofuran	7.268	42	226299	501.243	ug/l	99
30) Chloroform	7.426	83	459957	100.373	ug/l	96
31) Cyclohexane	7.707	56	428074	91.723	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	419389	102.410	ug/l	99
36) 1,1-Dichloropropene	7.841	75	355563	103.070	ug/l	99
37) Ethyl Acetate	6.988	43	159922	105.336	ug/l	98
38) Carbon Tetrachloride	7.823	117	368617	103.651	ug/l	96
39) Methylcyclohexane	9.109	83	481512	103.323	ug/l	99
40) Benzene	8.085	78	1052881	103.542	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	72513	74.162	ug/l	#	79
42) 1,2-Dichloroethane	8.158	62	286305	103.504	ug/l		98
43) Isopropyl Acetate	8.201	43	344110	103.721	ug/l		98
44) Trichloroethene	8.865	130	253632	102.104	ug/l		100
45) 1,2-Dichloropropane	9.146	63	249363	102.865	ug/l		100
46) Dibromomethane	9.231	93	139349	102.605	ug/l		98
47) Bromodichloromethane	9.426	83	356025	103.321	ug/l		99
48) Methyl methacrylate	9.225	41	163867	107.875	ug/l		99
49) 1,4-Dioxane	9.237	88	31675	1955.012	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	884897	537.390	ug/l		98
52) Toluene	10.170	92	676554	105.821	ug/l		100
53) t-1,3-Dichloropropene	10.395	75	339647	106.548	ug/l		96
54) cis-1,3-Dichloropropene	9.859	75	394647	105.579	ug/l		100
55) 1,1,2-Trichloroethane	10.572	97	176386	103.130	ug/l		97
56) Ethyl methacrylate	10.438	69	270253	108.807	ug/l		99
57) 1,3-Dichloropropane	10.719	76	314882	103.374	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	631985	570.744	ug/l		99
59) 2-Hexanone	10.761	43	599356	546.025	ug/l		99
60) Dibromochloromethane	10.914	129	231582	106.862	ug/l		99
61) 1,2-Dibromoethane	11.017	107	162846	103.182	ug/l		97
64) Tetrachloroethene	10.645	164	260085	97.857	ug/l		98
65) Chlorobenzene	11.444	112	700365	103.277	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	241080	104.874	ug/l		99
67) Ethyl Benzene	11.517	91	1343424	106.379	ug/l		100
68) m/p-Xylenes	11.627	106	1027669	215.017	ug/l		99
69) o-Xylene	11.956	106	478106	106.884	ug/l		100
70) Styrene	11.968	104	807331	109.011	ug/l		99
71) Bromoform	12.133	173	129134	106.900	ug/l	#	98
73) Isopropylbenzene	12.255	105	1251781	103.429	ug/l		100
74) N-amyl acetate	12.072	43	331256	108.232	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	201554	102.543	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	285086	143.759	ug/l	#	100
77) Bromobenzene	12.535	156	260522	101.560	ug/l		99
78) n-propylbenzene	12.596	91	1517453	103.002	ug/l		99
79) 2-Chlorotoluene	12.682	91	801096	102.984	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	983812	103.959	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	72518	104.845	ug/l		97
82) 4-Chlorotoluene	12.779	91	836500	103.758	ug/l		99
83) tert-Butylbenzene	12.999	119	886942	102.740	ug/l		100
84) 1,2,4-Trimethylbenzene	13.041	105	992770	104.854	ug/l		100
85) sec-Butylbenzene	13.175	105	1348209	103.006	ug/l		100
86) p-Isopropyltoluene	13.291	119	1148821	106.760	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	543396	105.879	ug/l		99
88) 1,4-Dichlorobenzene	13.364	146	503842	100.757	ug/l		98
89) n-Butylbenzene	13.621	91	1062595	103.713	ug/l		99
90) Hexachloroethane	13.883	117	213148	101.224	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	447574	101.511	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	29357	98.805	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	255752	106.117	ug/l		97
94) Hexachlorobutadiene	15.023	225	132452	100.622	ug/l		99
95) Naphthalene	15.145	128	499554	108.155	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	213300	104.136	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

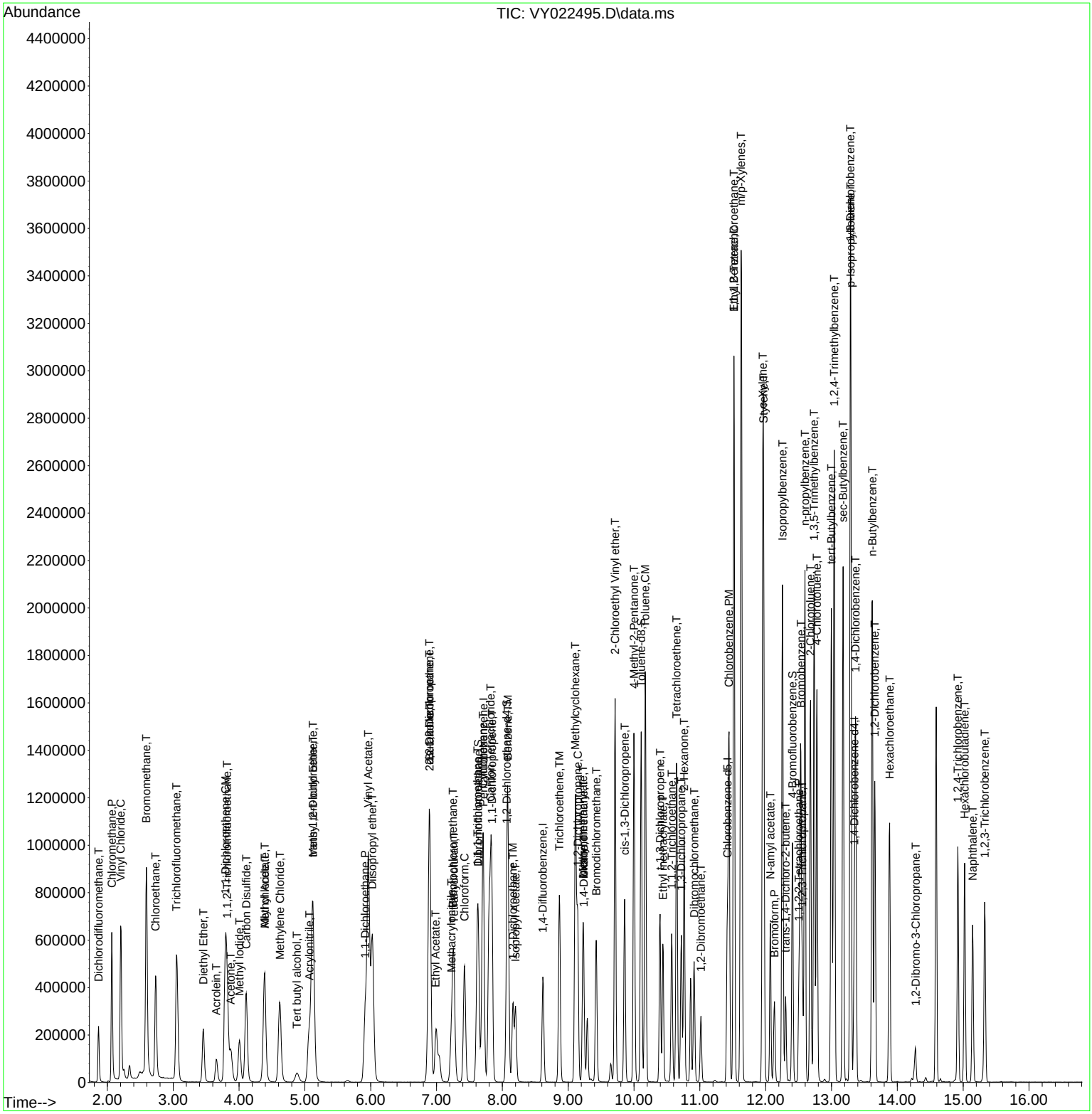
(#) = qualifier out of range (m) = manual integration (+) = signals summed

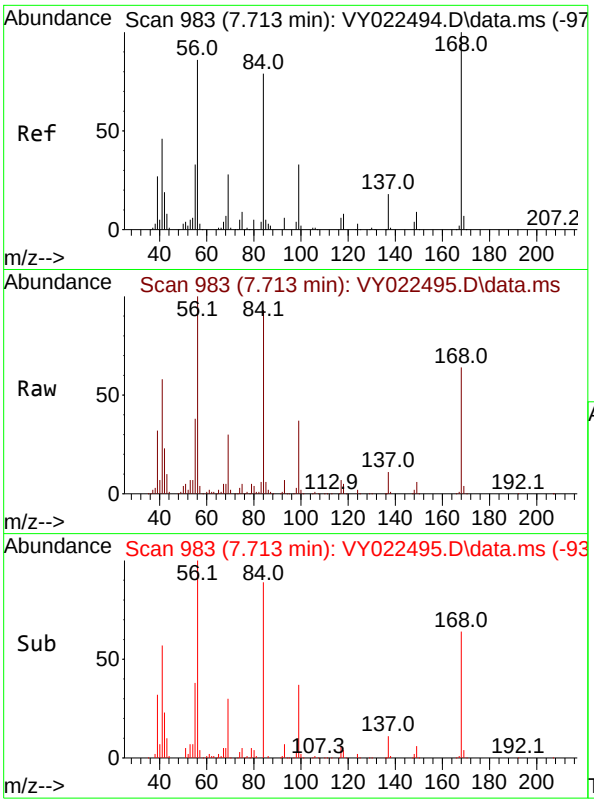
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



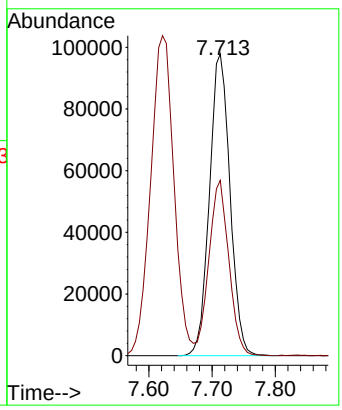


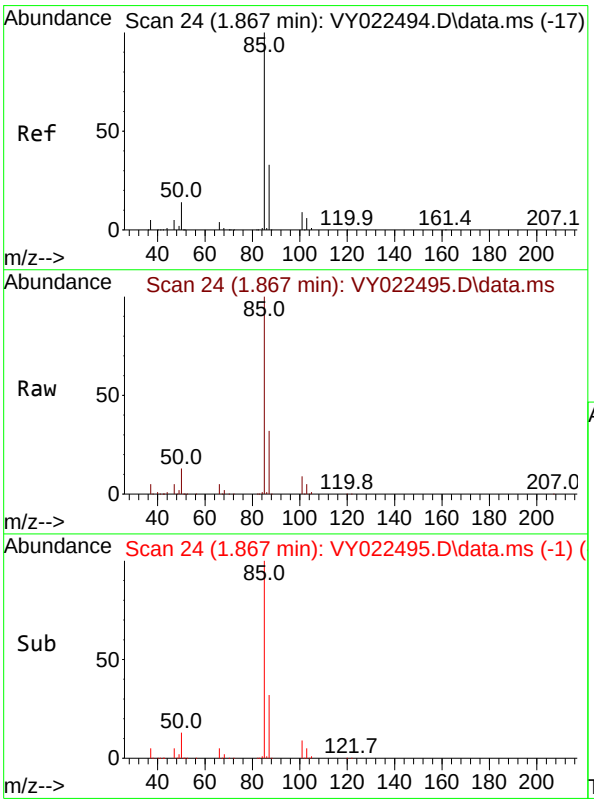
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 220566

Ion	Ratio	Lower	Upper
168	100		
99	58.1	44.3	66.5

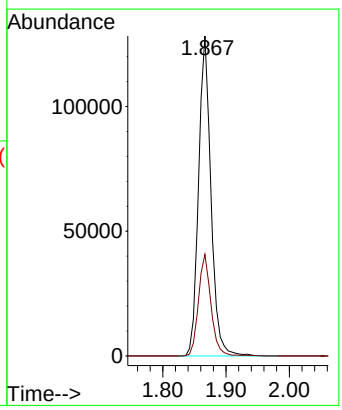


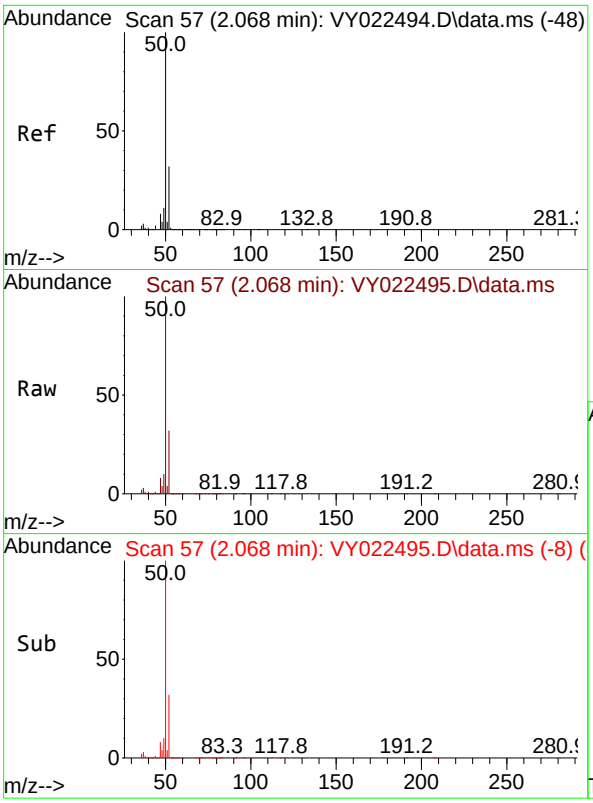


#2
Dichlorodifluoromethane
Concen: 90.872 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 85 Resp: 175145

Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.7	50.0



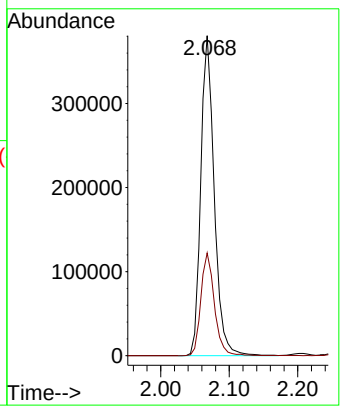


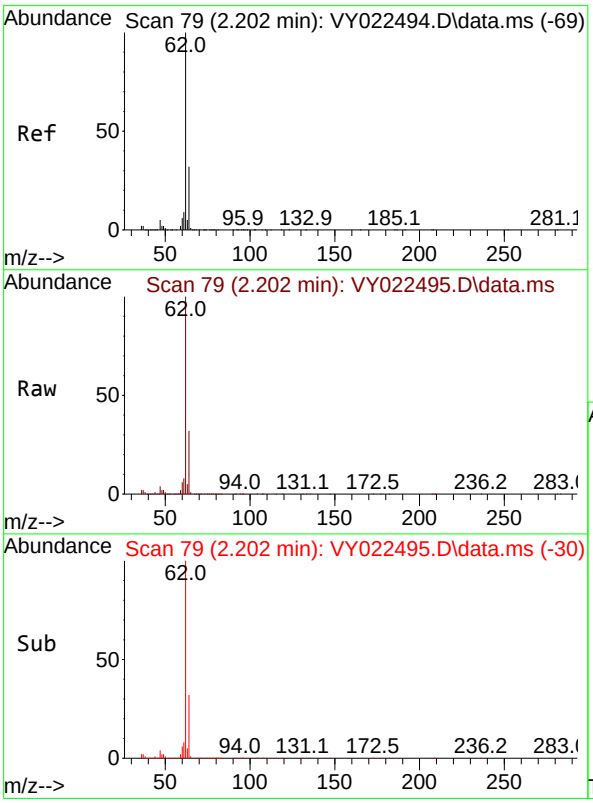
#3
Chloromethane
Concen: 91.429 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 519859

Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.0	39.0

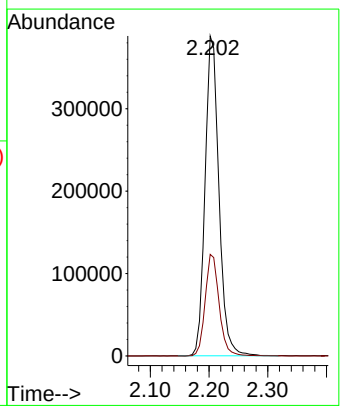


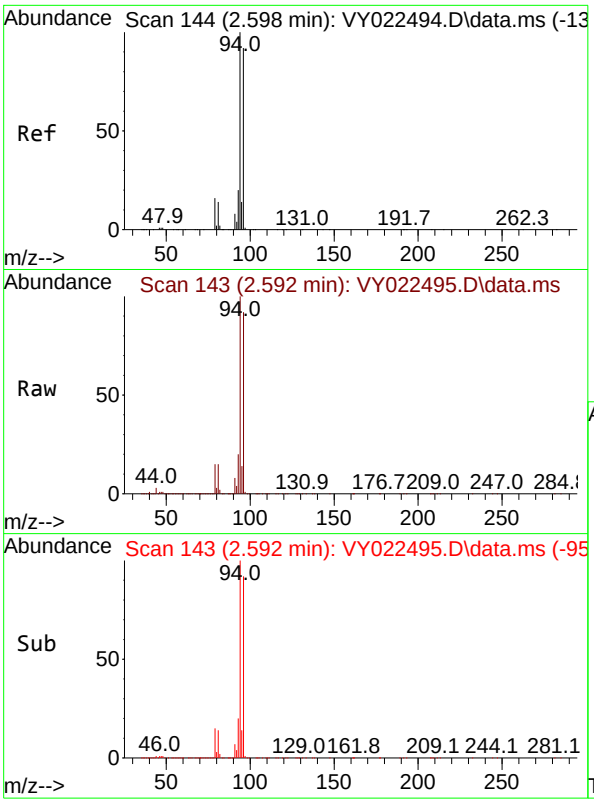


#4
Vinyl Chloride
Concen: 95.695 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 62 Resp: 636843

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.3	37.9



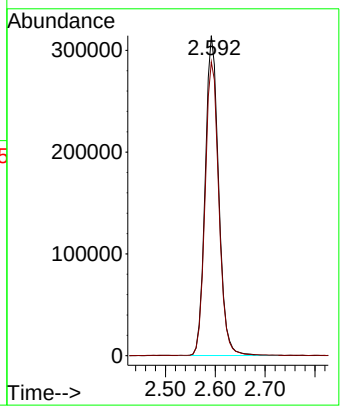


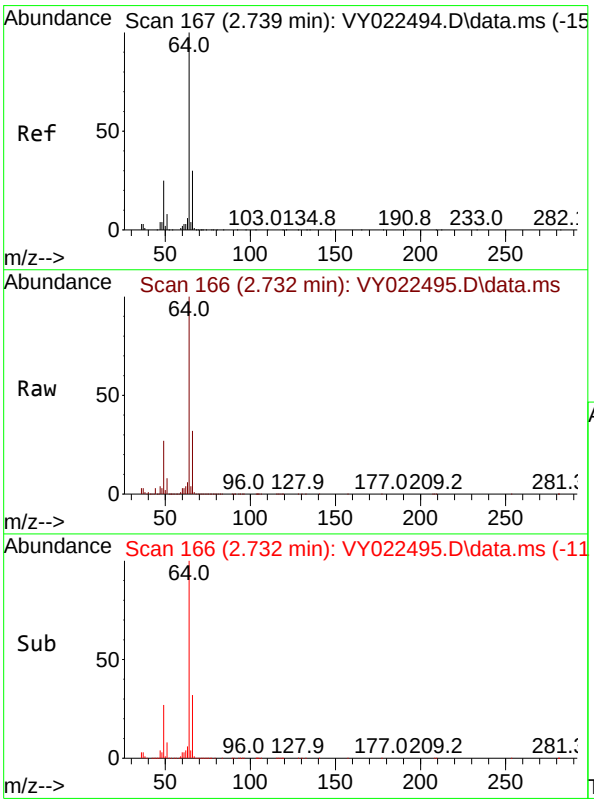
#5
Bromomethane
Concen: 93.980 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 591589

Ion	Ratio	Lower	Upper
94	100		
96	91.7	74.0	111.0

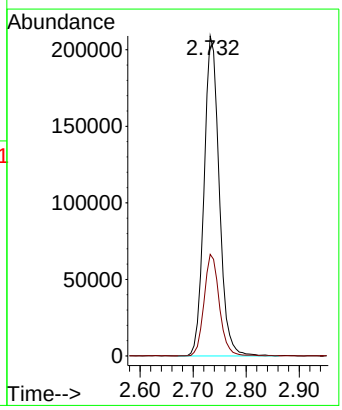


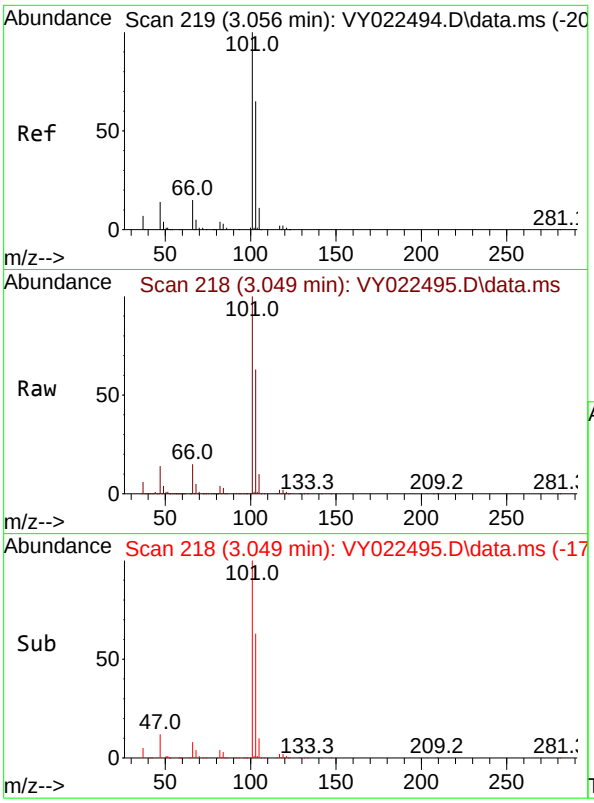


#6
Chloroethane
Concen: 91.070 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 64 Resp: 414935

Ion	Ratio	Lower	Upper
64	100		
66	31.7	23.8	35.6



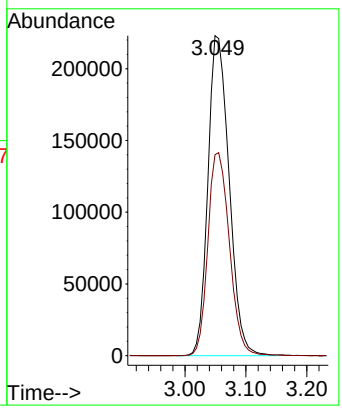


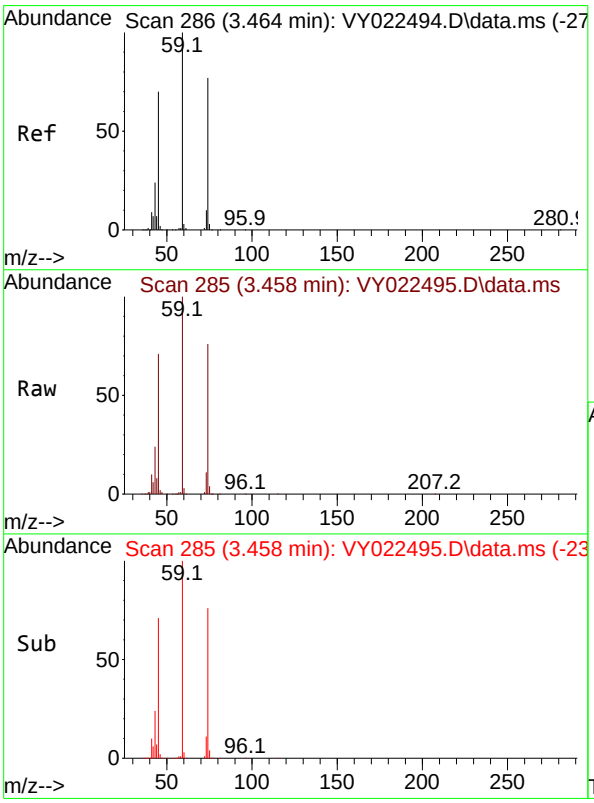
#7
Trichlorofluoromethane
Concen: 95.384 ug/l
RT: 3.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 539323

Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.2	78.2

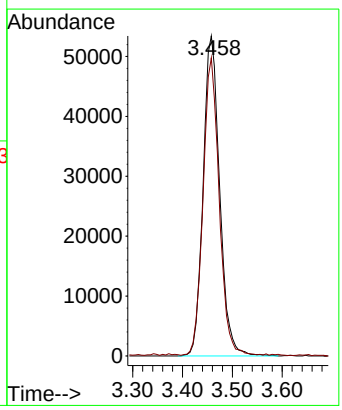


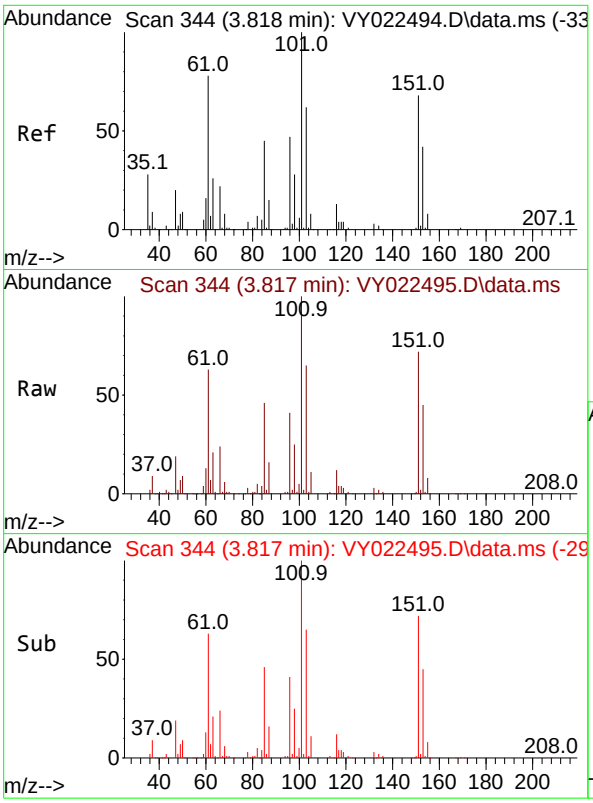


#8
Diethyl Ether
Concen: 98.428 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 74 Resp: 122923

Ion	Ratio	Lower	Upper
74	100		
45	90.6	45.9	137.6



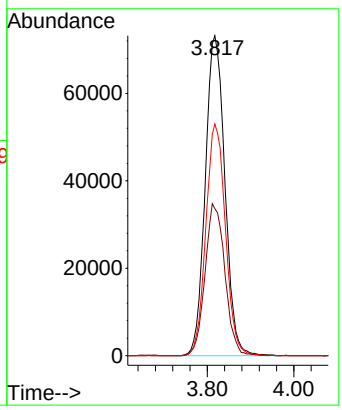


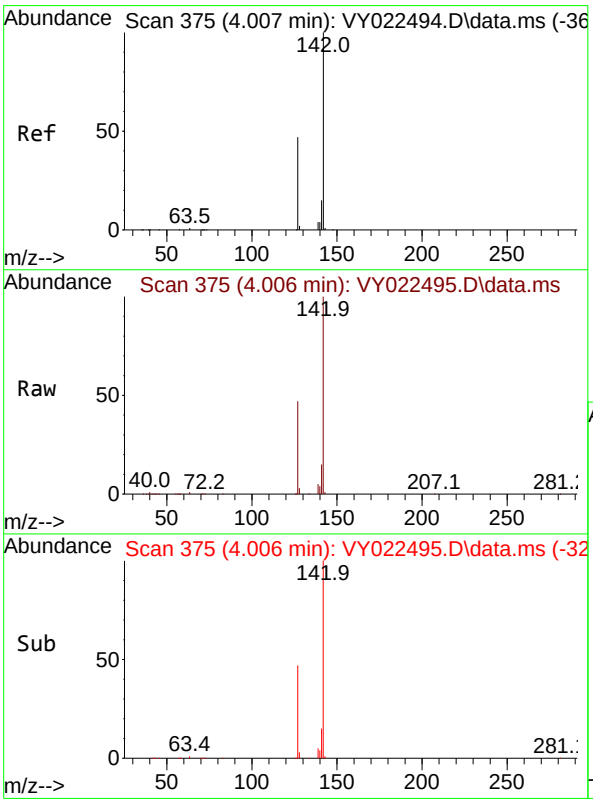
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.074 ug/l
RT: 3.817 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 230240

Ion	Ratio	Lower	Upper
101	100		
85	48.1	39.3	58.9
151	72.4	57.8	86.8

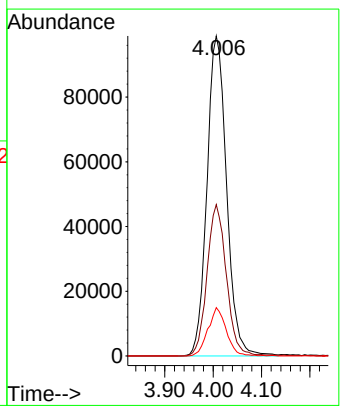


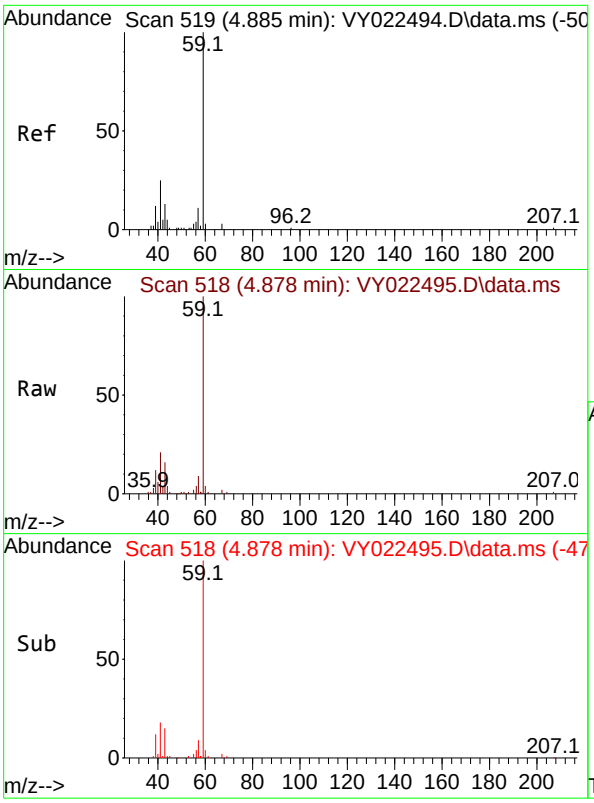


#10
Methyl Iodide
Concen: 109.525 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:142 Resp: 278576

Ion	Ratio	Lower	Upper
142	100		
127	47.0	37.1	55.7
141	14.2	11.4	17.2



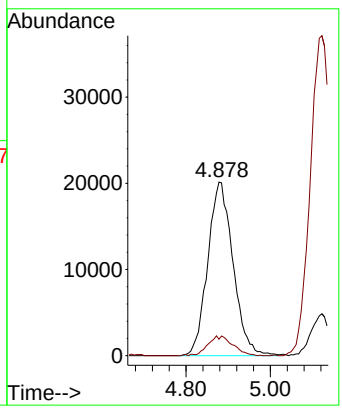


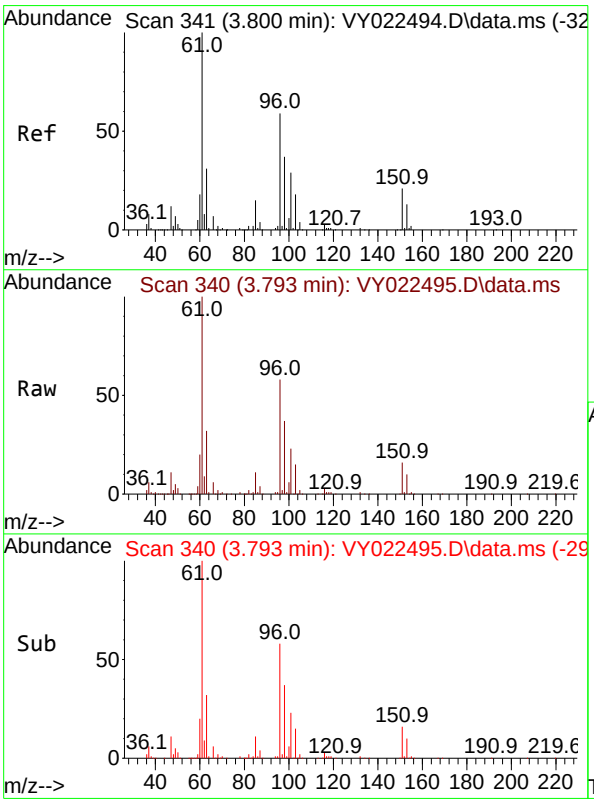
#11
Tert butyl alcohol
Concen: 489.395 ug/l
RT: 4.878 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 83900

Ion	Ratio	Lower	Upper
59	100		
57	5.4	8.0	12.0#

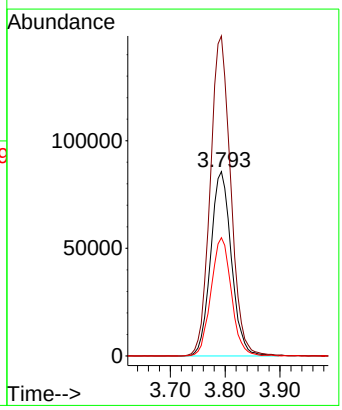


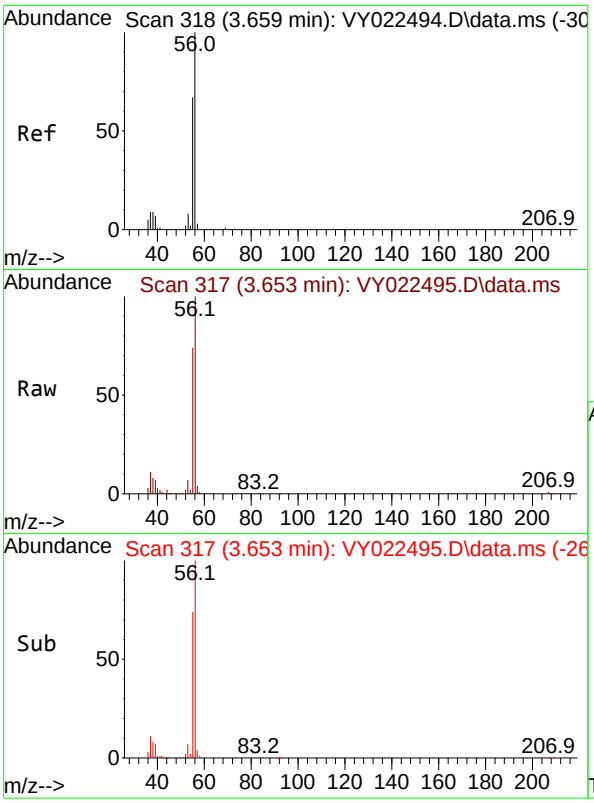


#12
1,1-Dichloroethene
Concen: 99.317 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 96 Resp: 224855

Ion	Ratio	Lower	Upper
96	100		
61	173.6	134.6	201.8
98	64.1	50.2	75.4



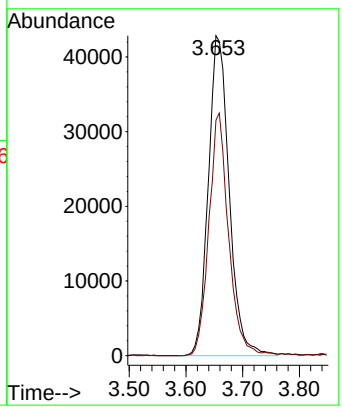


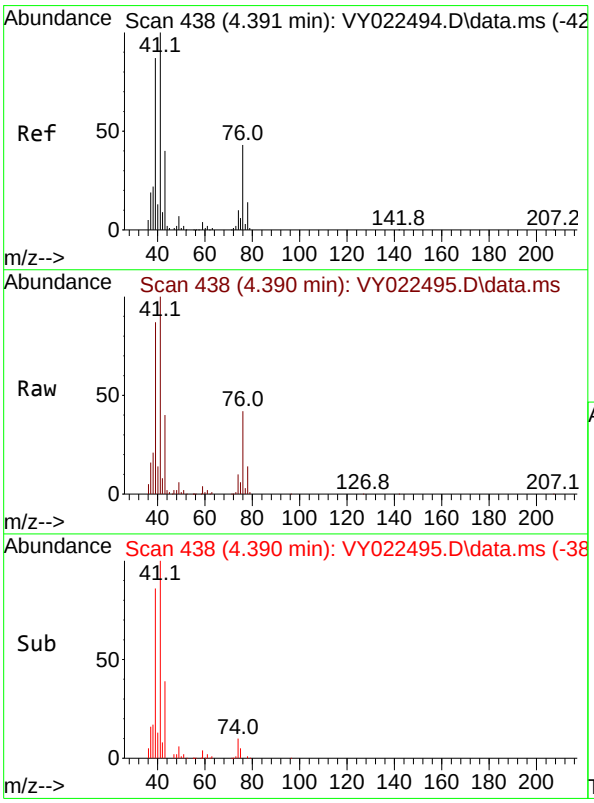
#13
Acrolein
Concen: 522.746 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 109392

Ion	Ratio	Lower	Upper
56	100		
55	71.1	57.0	85.6

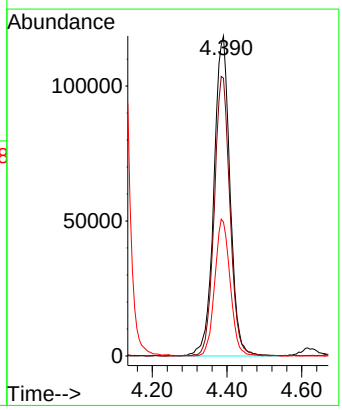


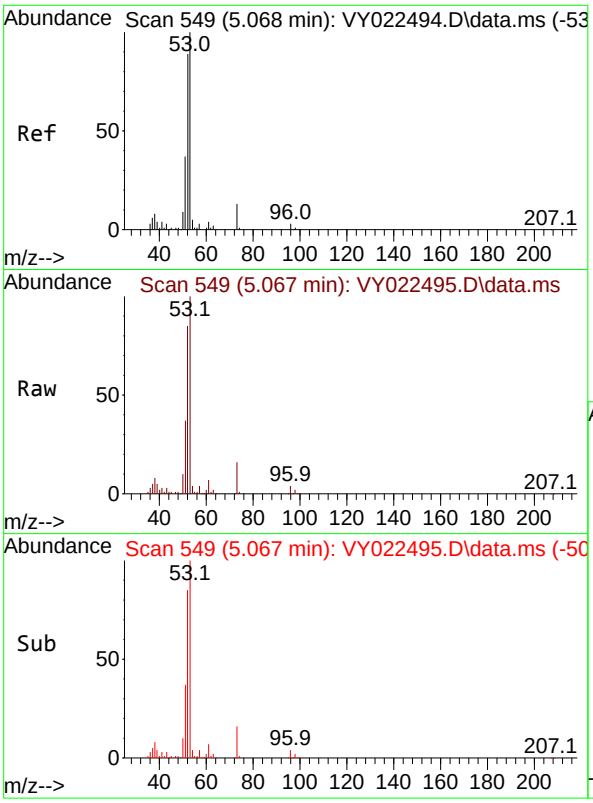


#14
Allyl chloride
Concen: 100.560 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 354774

Ion	Ratio	Lower	Upper
41	100		
39	85.0	69.1	103.7
76	40.8	33.5	50.3



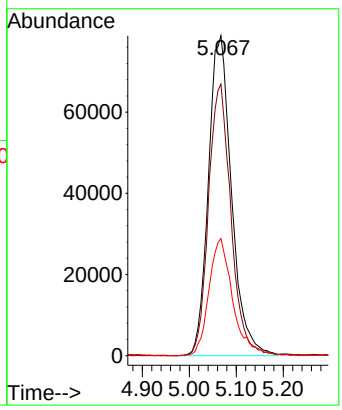


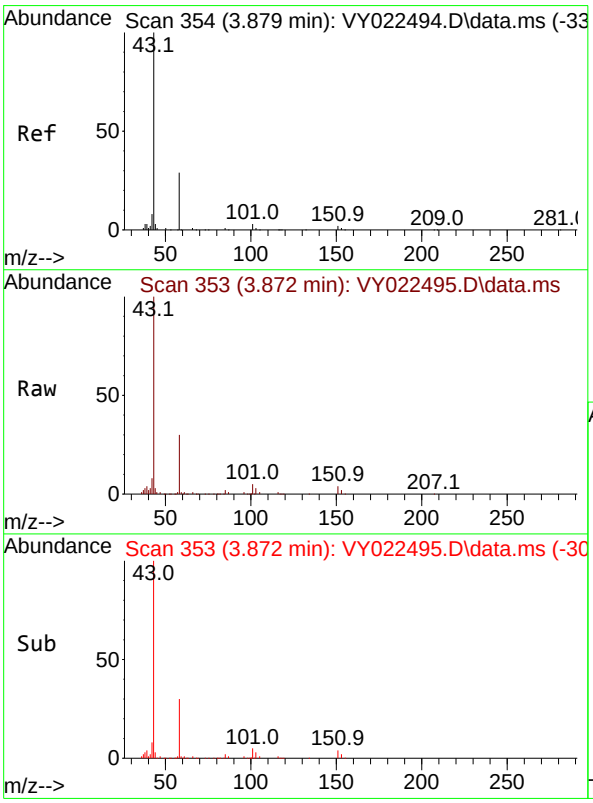
#15
Acrylonitrile
Concen: 507.168 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 269411

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.7	98.5
51	37.8	30.1	45.1

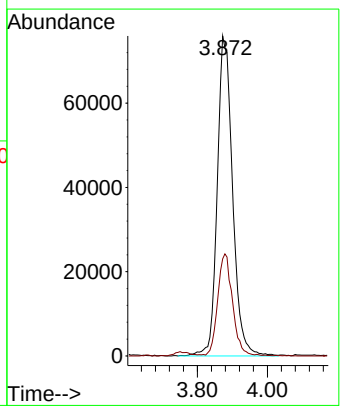


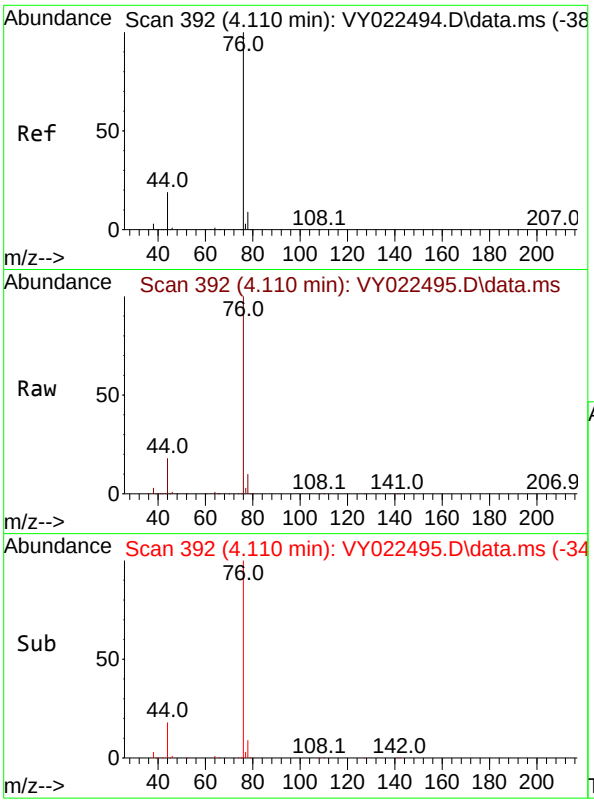


#16
Acetone
Concen: 487.310 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 231202

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.0	36.0



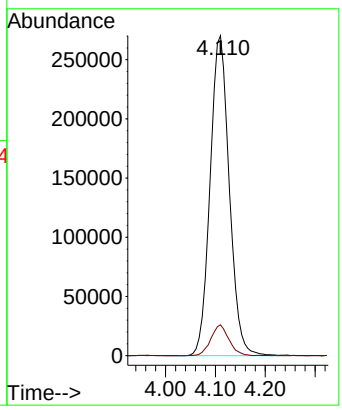


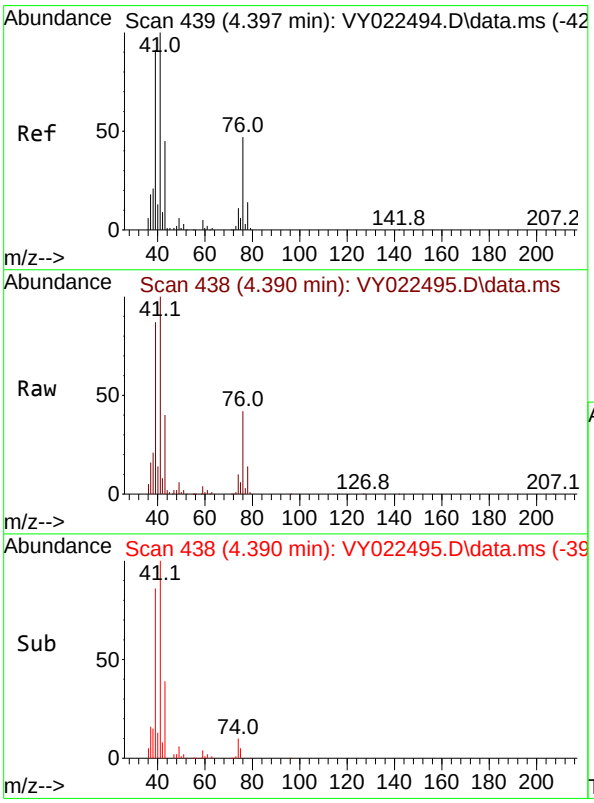
#17
Carbon Disulfide
Concen: 99.952 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 722508

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.2

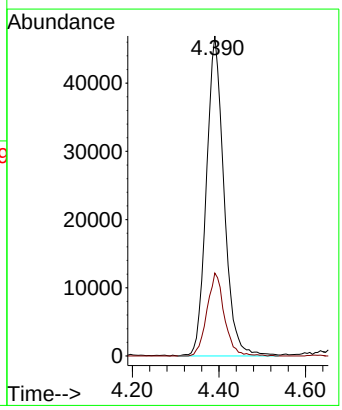


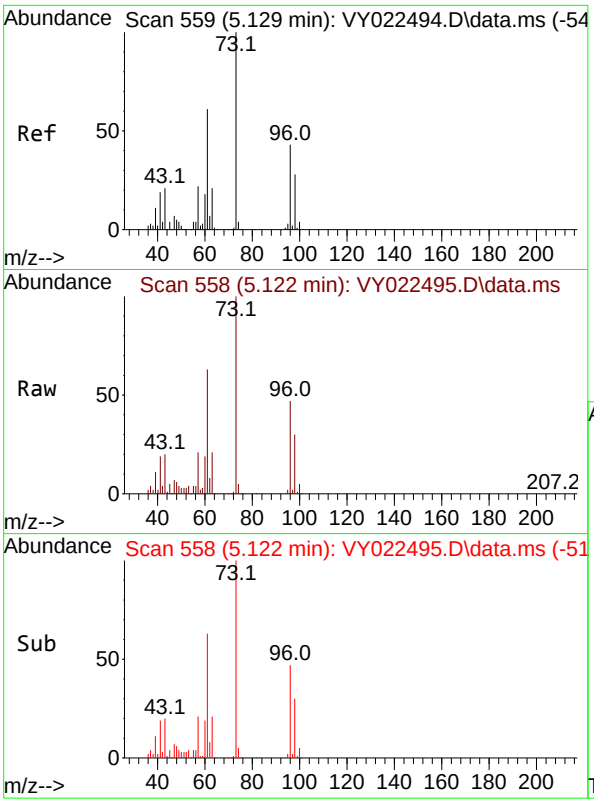


#18
Methyl Acetate
Concen: 92.907 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 132608

Ion	Ratio	Lower	Upper
43	100		
74	25.5	19.8	29.6



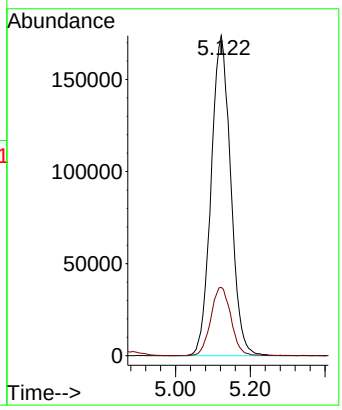


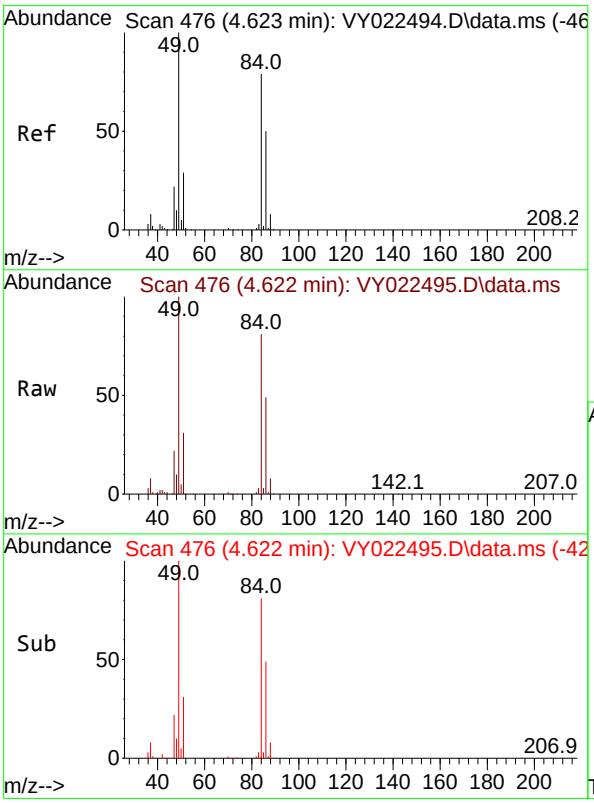
#19
Methyl tert-butyl Ether
Concen: 100.187 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 632873

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.4	26.0

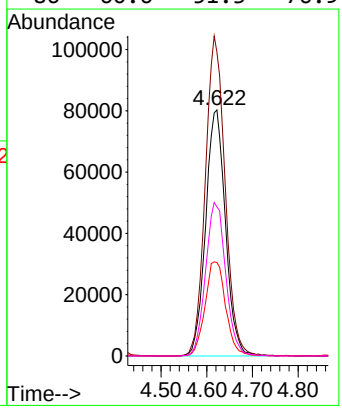


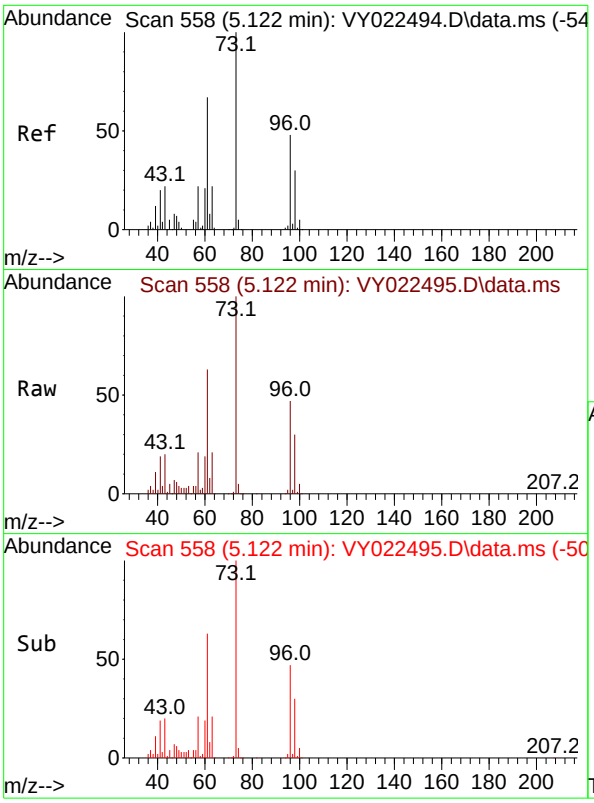


#20
Methylene Chloride
Concen: 91.318 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 84 Resp: 241903

Ion	Ratio	Lower	Upper
84	100		
49	123.5	101.9	152.9
51	38.0	29.8	44.8
86	60.6	51.3	76.9



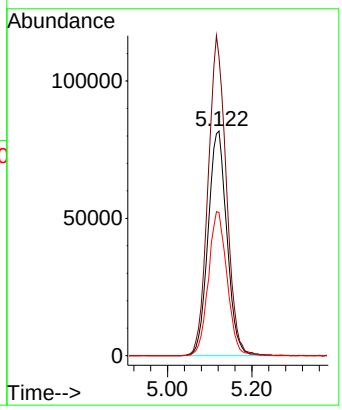


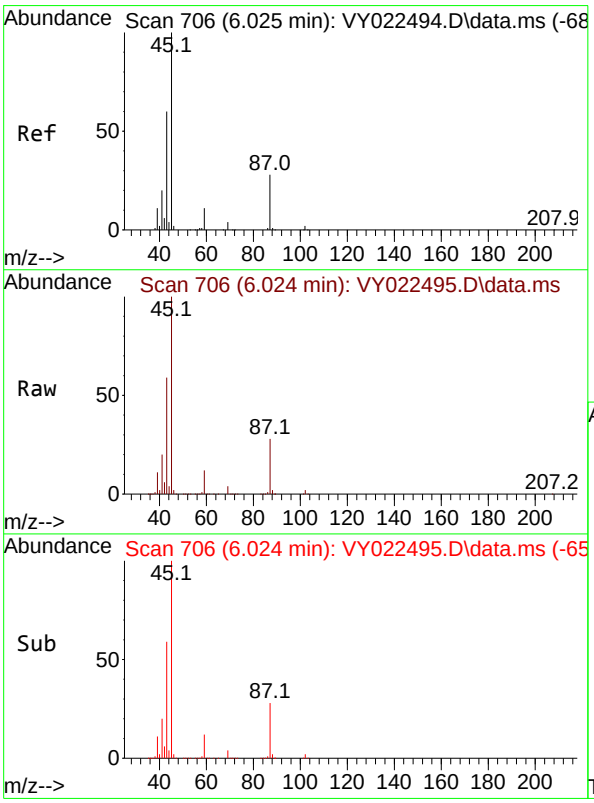
#21
trans-1,2-Dichloroethene
Concen: 100.103 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 253184

Ion	Ratio	Lower	Upper
96	100		
61	132.9	112.6	169.0
98	63.7	50.6	75.8

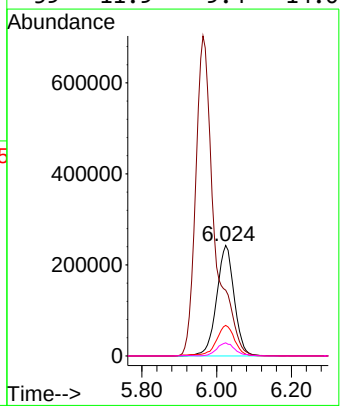


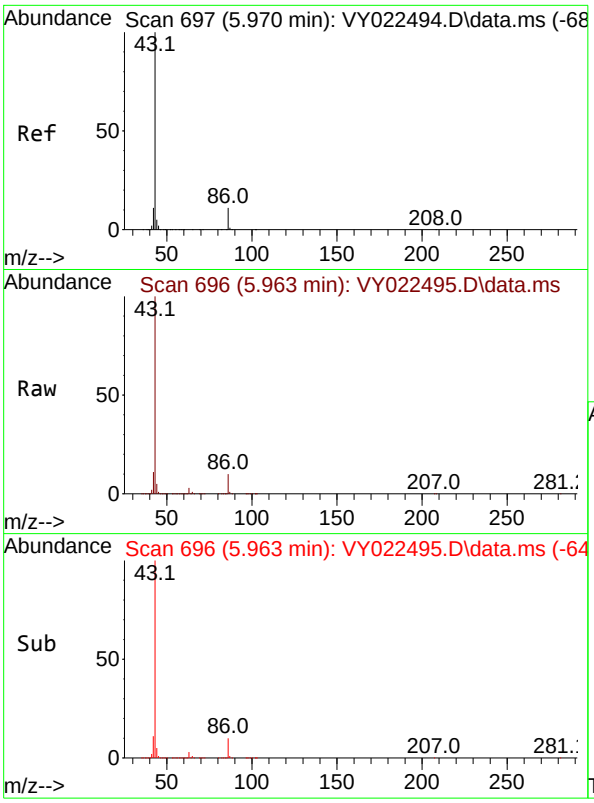


#22
Diisopropyl ether
Concen: 101.232 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 45 Resp: 794164

Ion	Ratio	Lower	Upper
45	100		
43	59.3	48.3	72.5
87	27.6	23.0	34.6
59	11.9	9.4	14.0



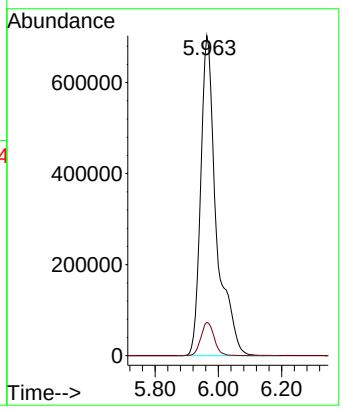


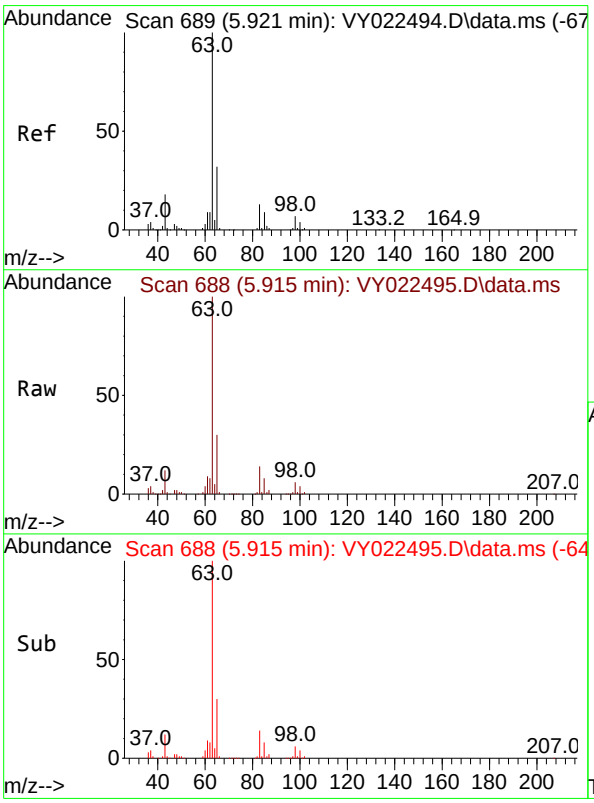
#23
Vinyl Acetate
Concen: 520.866 ug/l
RT: 5.963 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 2424134

Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.6	12.8

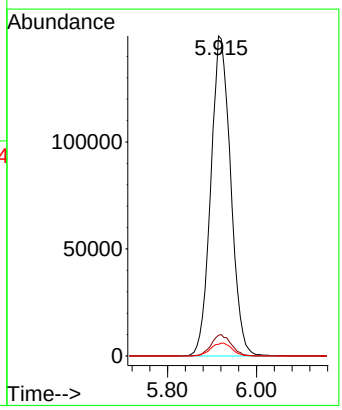


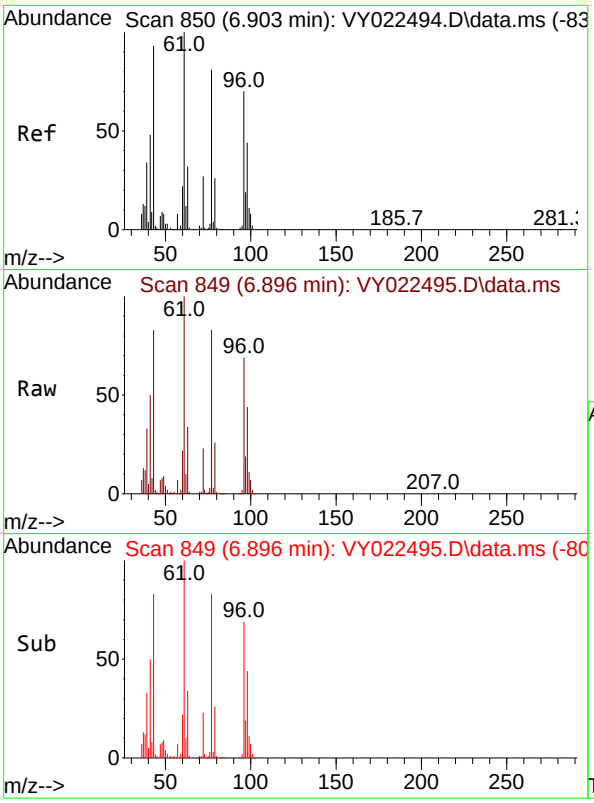


#24
1,1-Dichloroethane
Concen: 99.980 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 63 Resp: 463641

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.4	10.1
100	3.7	2.1	6.3



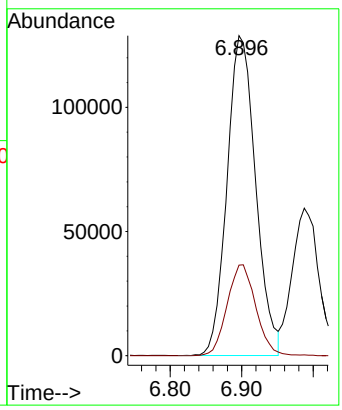


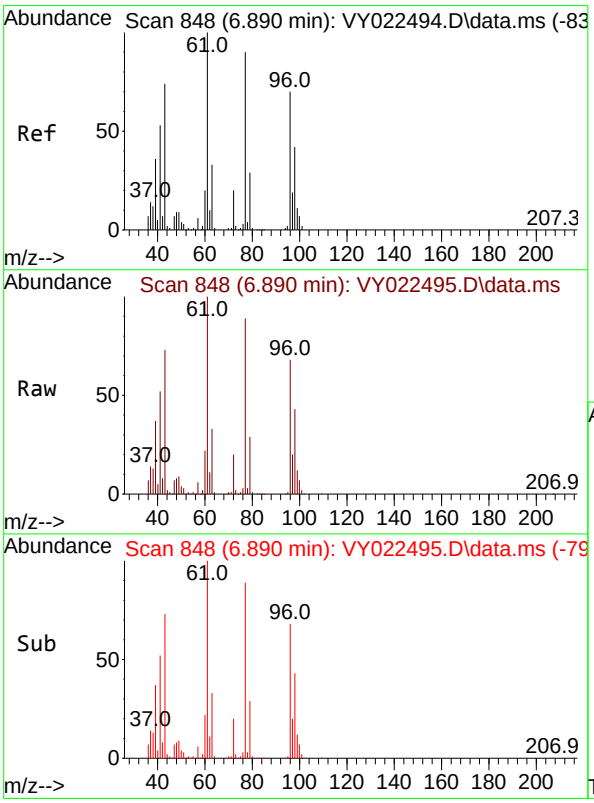
#25
2-Butanone
Concen: 512.798 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 358881

Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.9	34.3

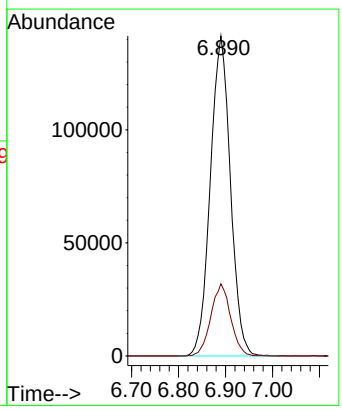


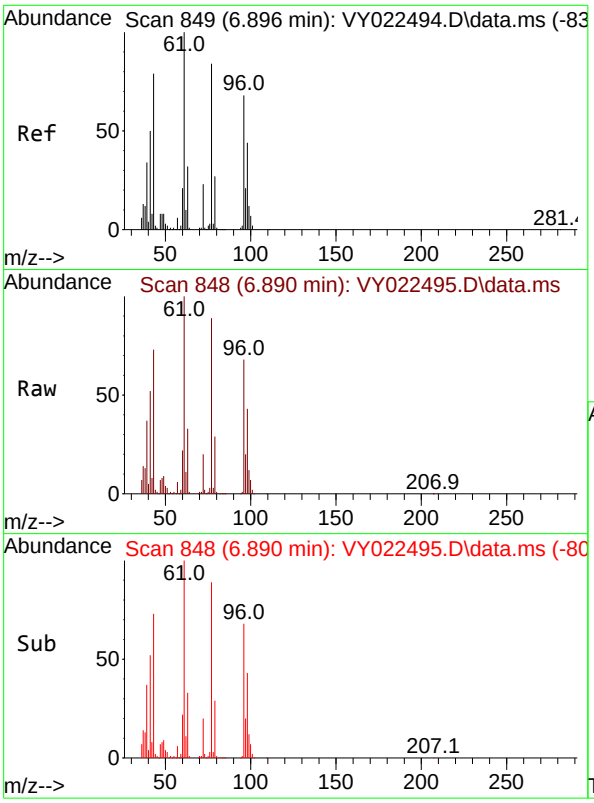


#26
2,2-Dichloropropane
Concen: 101.961 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 77 Resp: 420323

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2



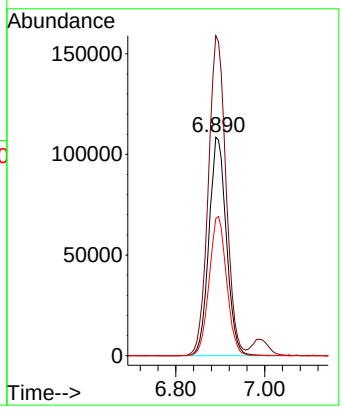


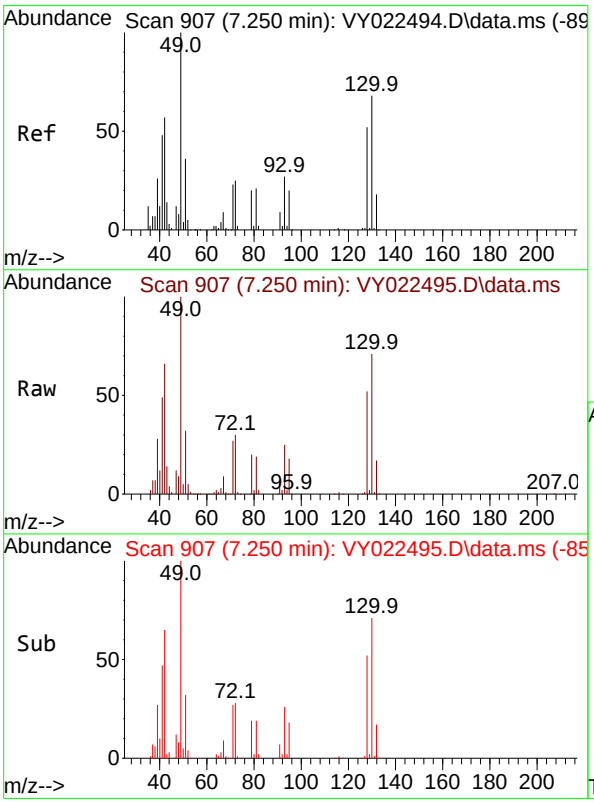
#27
cis-1,2-Dichloroethene
Concen: 100.858 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 294837

Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	290.0
98	64.1	0.0	128.4

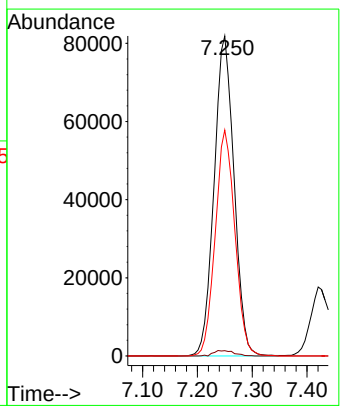


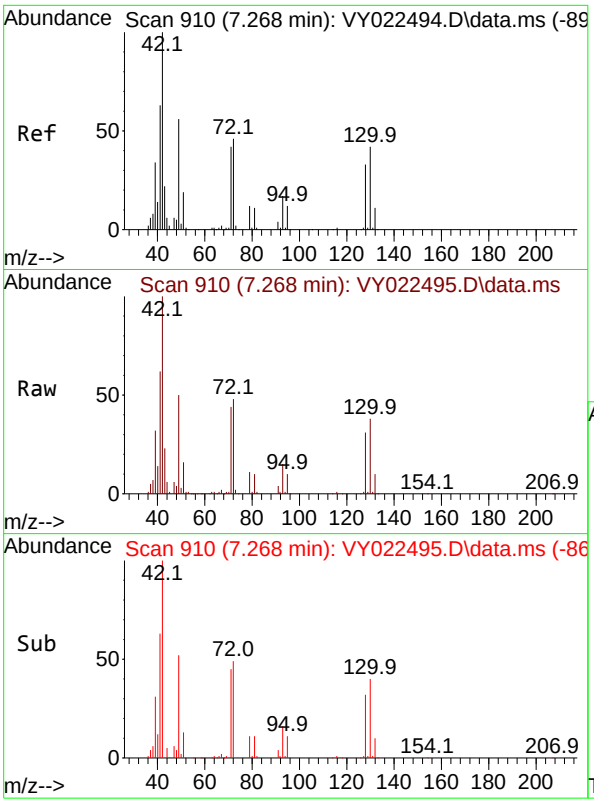


#28
Bromochloromethane
Concen: 103.263 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 49 Resp: 206906

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	69.7	55.7	83.5



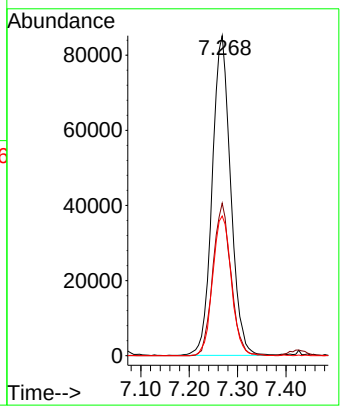


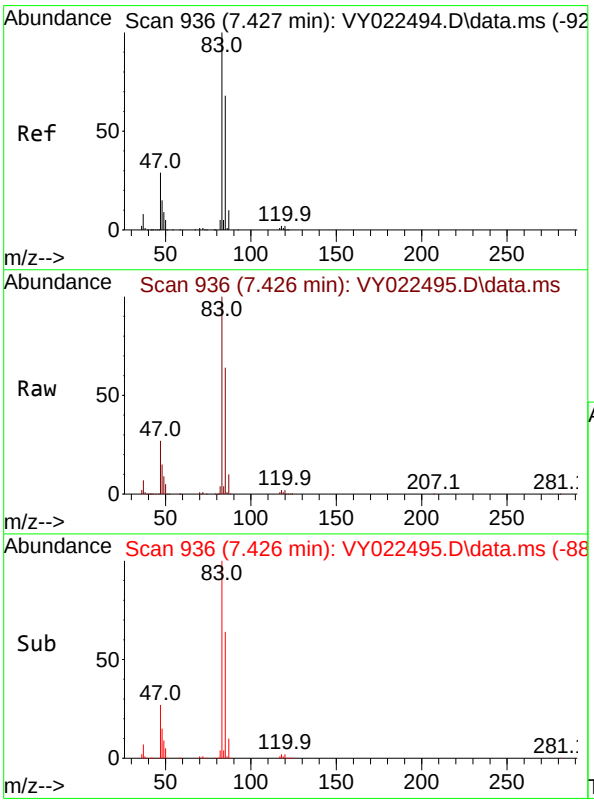
#29
Tetrahydrofuran
Concen: 501.243 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 226299

Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.4	56.2
71	44.1	34.2	51.2

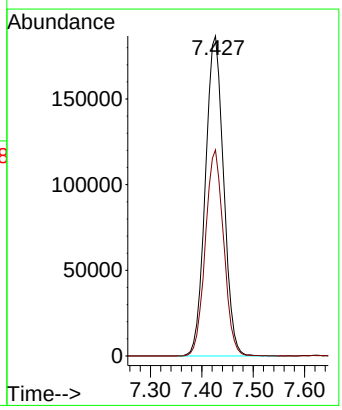


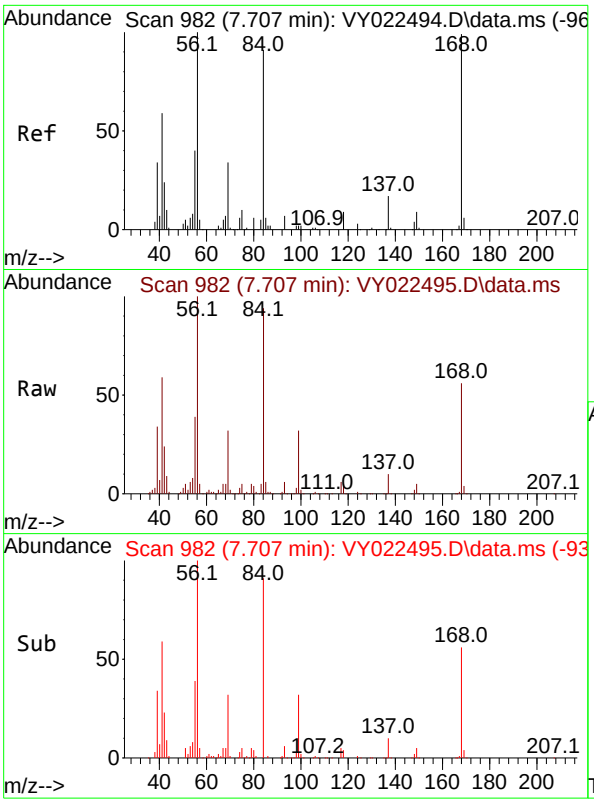


#30
Chloroform
Concen: 100.373 ug/l
RT: 7.426 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 83 Resp: 459957

Ion	Ratio	Lower	Upper
83	100		
85	64.4	54.2	81.4



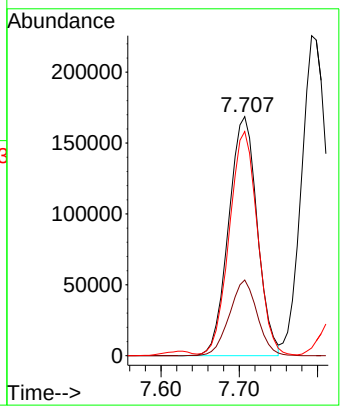


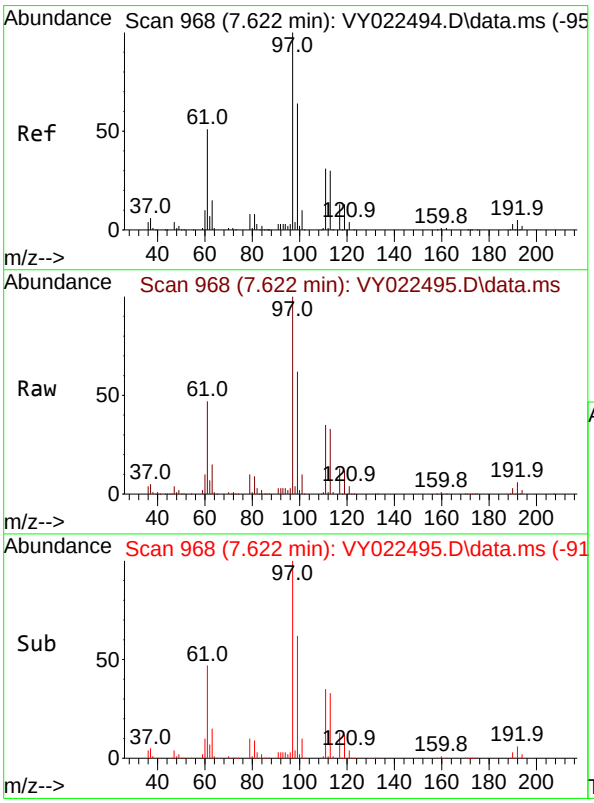
#31
Cyclohexane
Concen: 91.723 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 428074

Ion	Ratio	Lower	Upper
56	100		
69	31.6	27.0	40.6
84	91.9	72.6	109.0

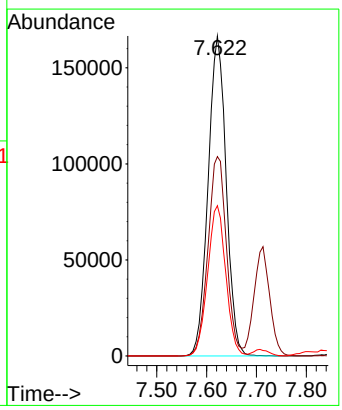


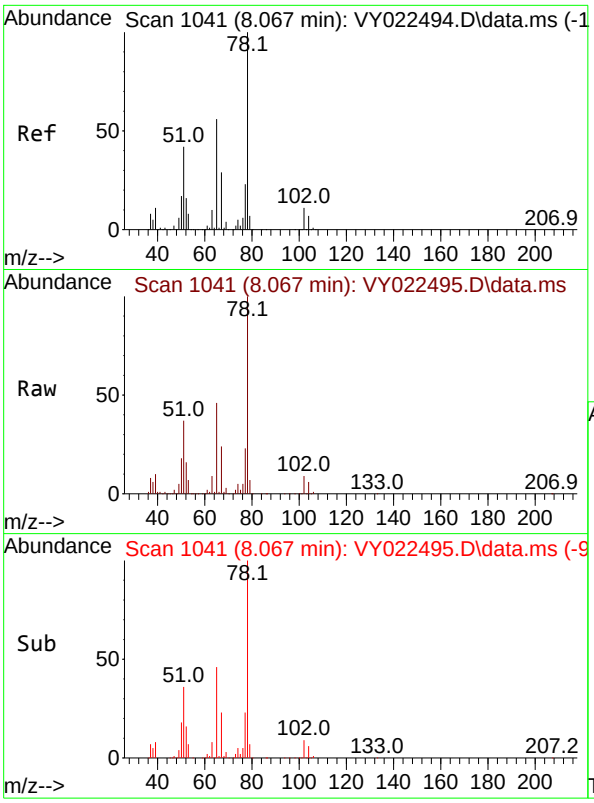


#32
1,1,1-Trichloroethane
Concen: 102.410 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 97 Resp: 419389

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.9	76.3
61	47.3	38.5	57.7



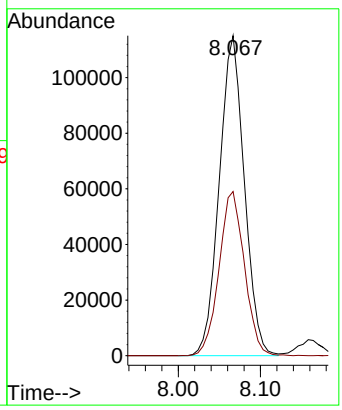


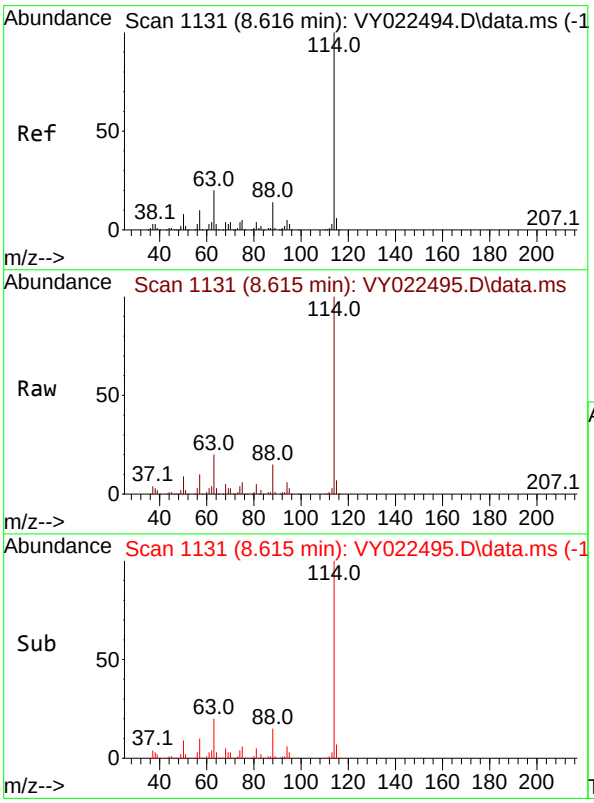
#33
1,2-Dichloroethane-d4
Concen: 101.553 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 243724

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.4

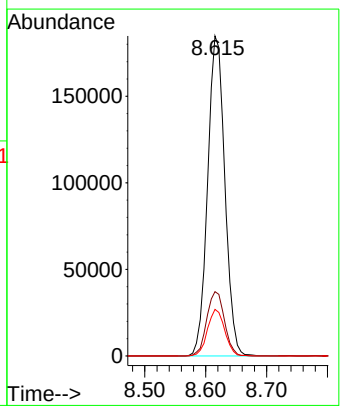


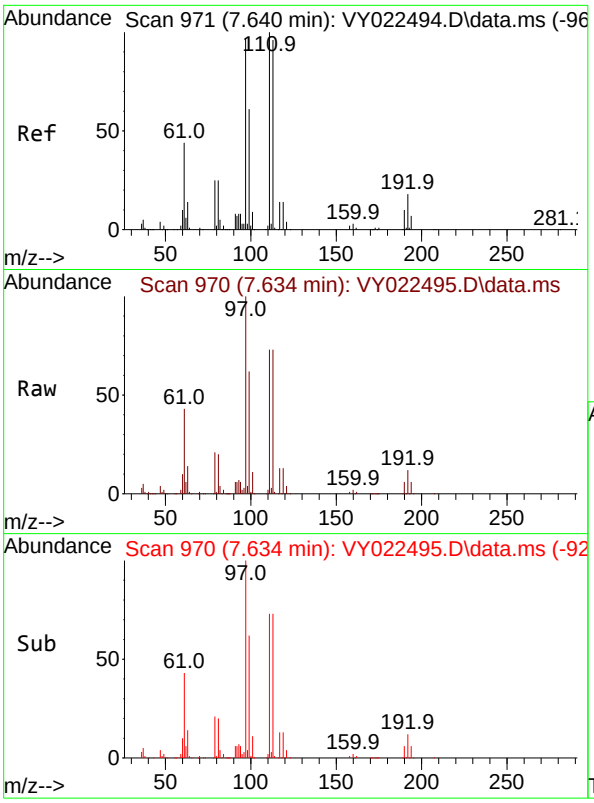


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:114 Resp: 362519

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	14.5	0.0	27.8



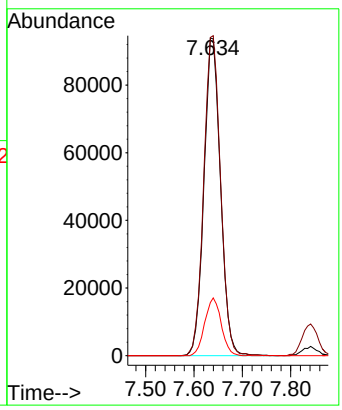


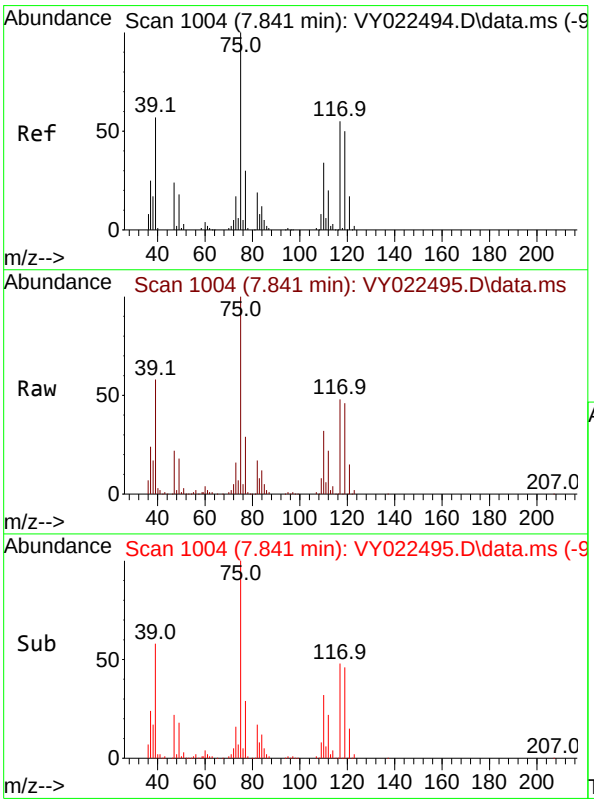
#35
Dibromofluoromethane
Concen: 104.234 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 222443

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	18.2	14.2	21.2

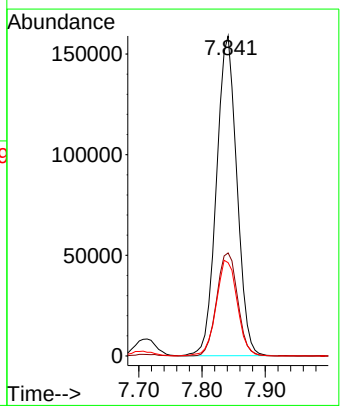


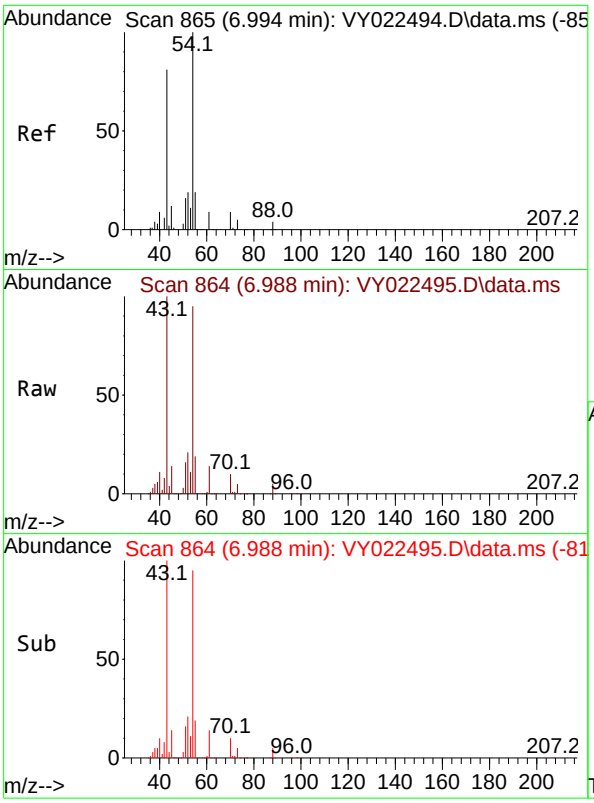


#36
1,1-Dichloropropene
Concen: 103.070 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 355563

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.9	50.7
77	31.1	24.8	37.2



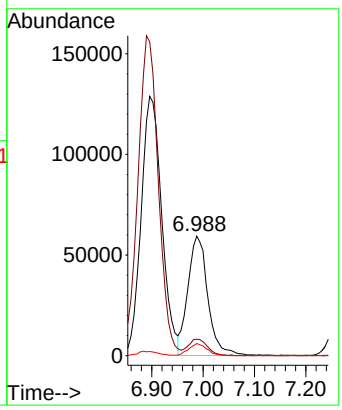


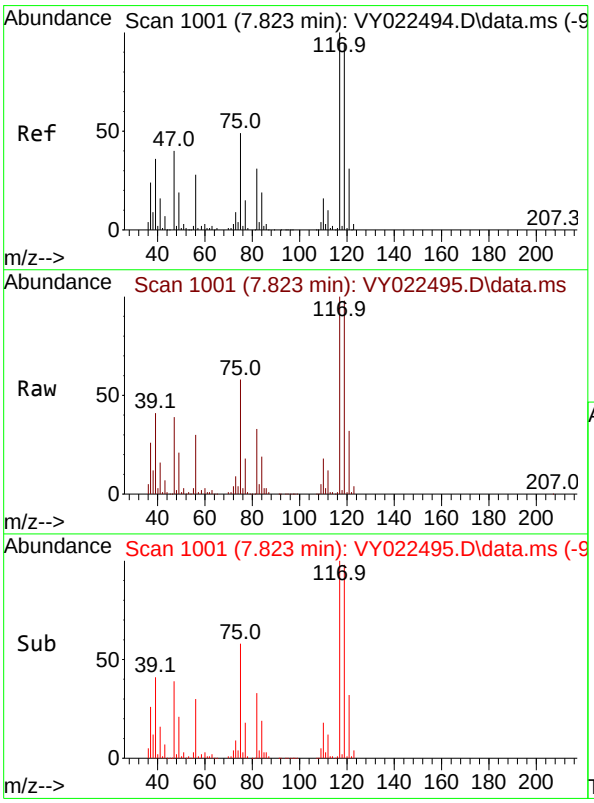
#37
Ethyl Acetate
Concen: 105.336 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 159922

Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.5	17.3
70	9.3	7.2	10.8

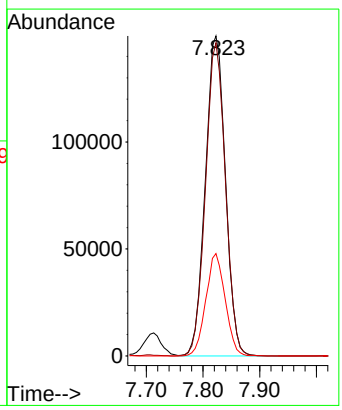


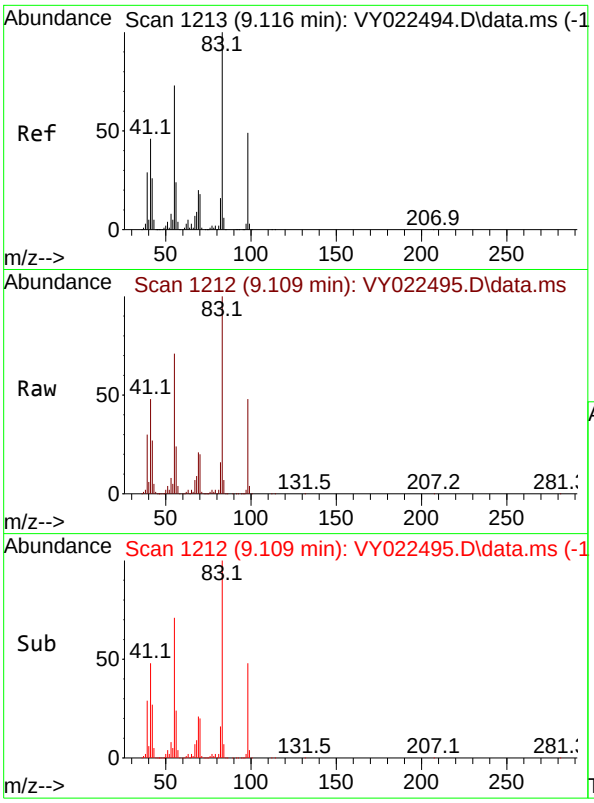


#38
Carbon Tetrachloride
Concen: 103.651 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:117 Resp: 368617

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.0	112.6
121	32.0	25.0	37.4



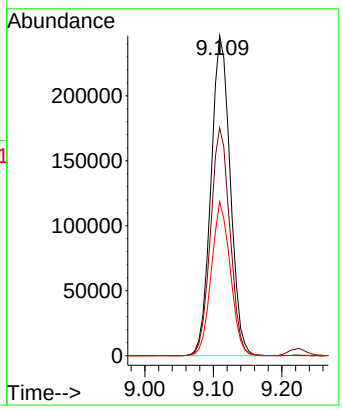


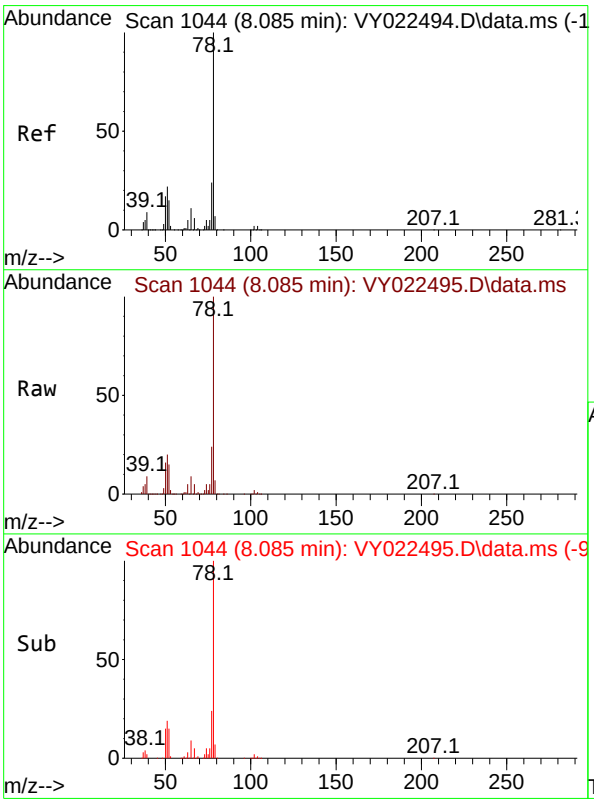
#39
Methylcyclohexane
Concen: 103.323 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 481512

Ion	Ratio	Lower	Upper
83	100		
55	71.2	58.1	87.1
98	48.1	39.0	58.6

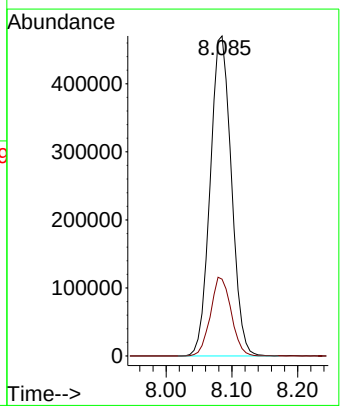


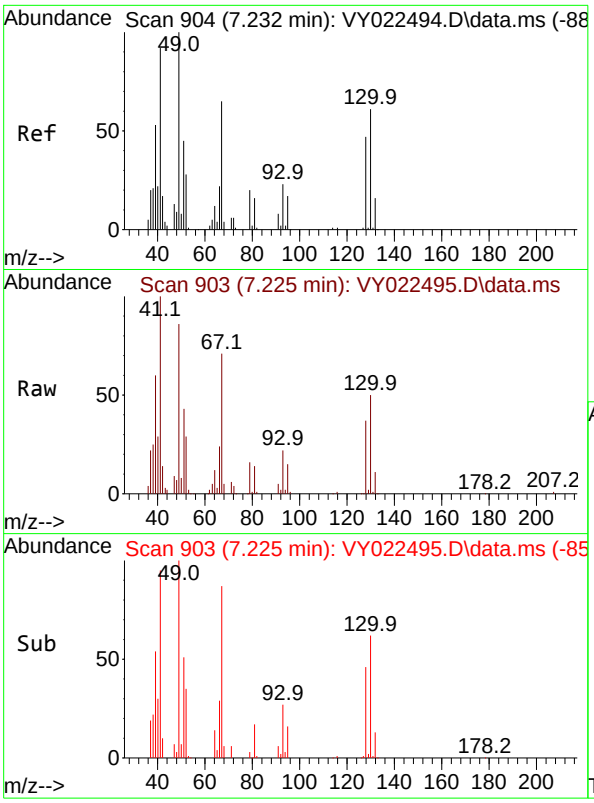


#40
Benzene
Concen: 103.542 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 78 Resp: 1052881

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9



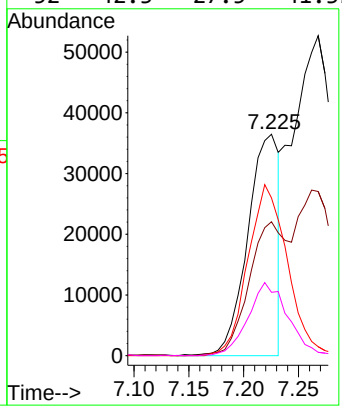


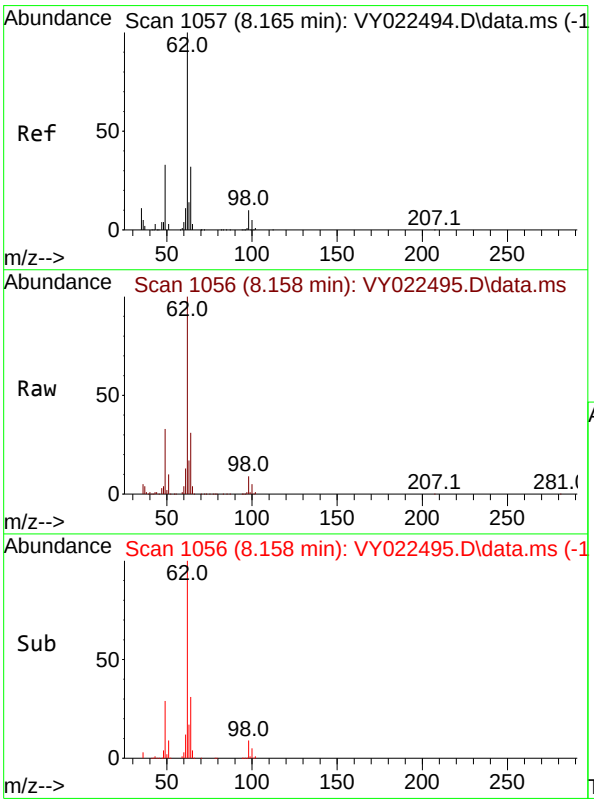
#41
Methacrylonitrile
Concen: 74.162 ug/l
RT: 7.225 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 72513

Ion	Ratio	Lower	Upper
41	100		
39	77.5	46.6	69.8#
67	97.5	63.3	94.9#
52	42.3	27.5	41.3#

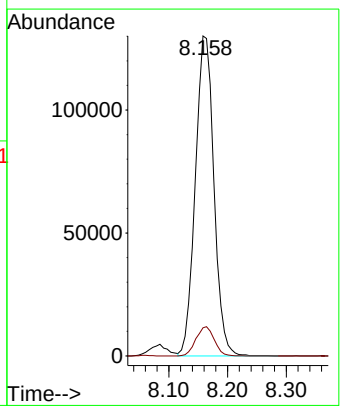


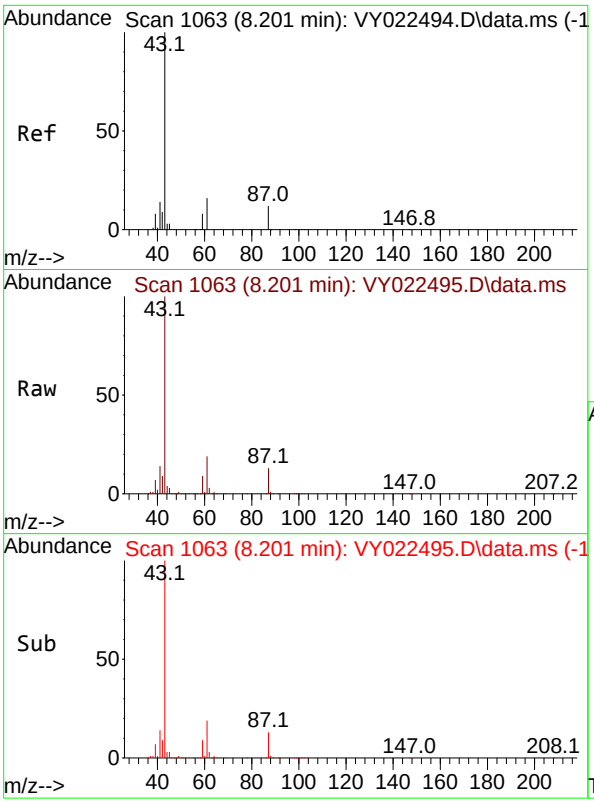


#42
1,2-Dichloroethane
Concen: 103.504 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 62 Resp: 286305

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2



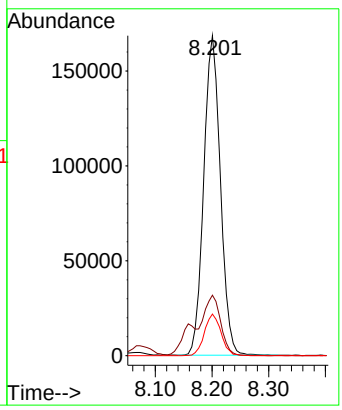


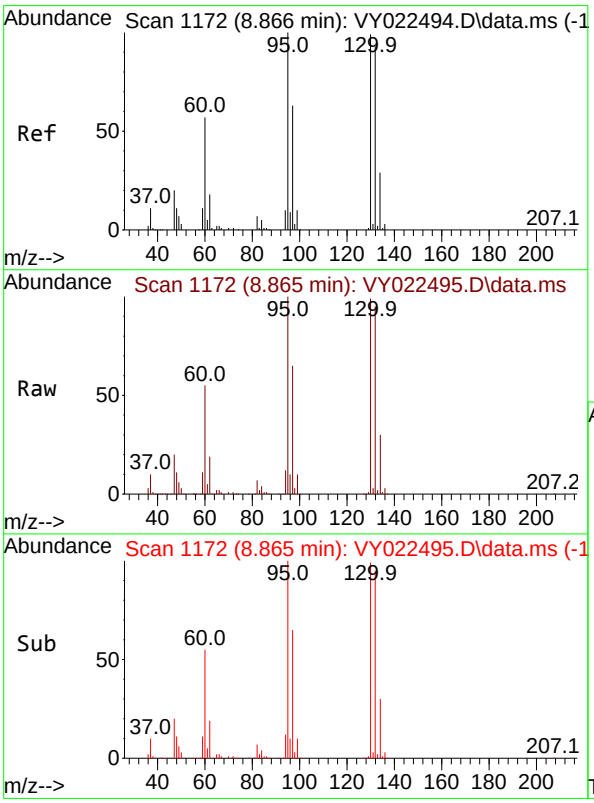
#43
Isopropyl Acetate
Concen: 103.721 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 344110

Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.6	23.4
87	13.0	10.2	15.4

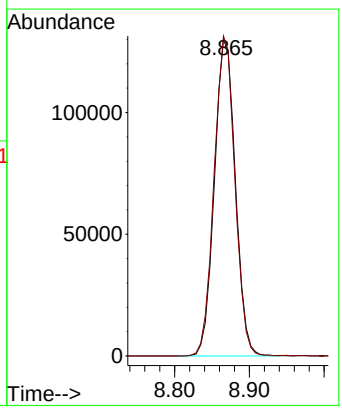


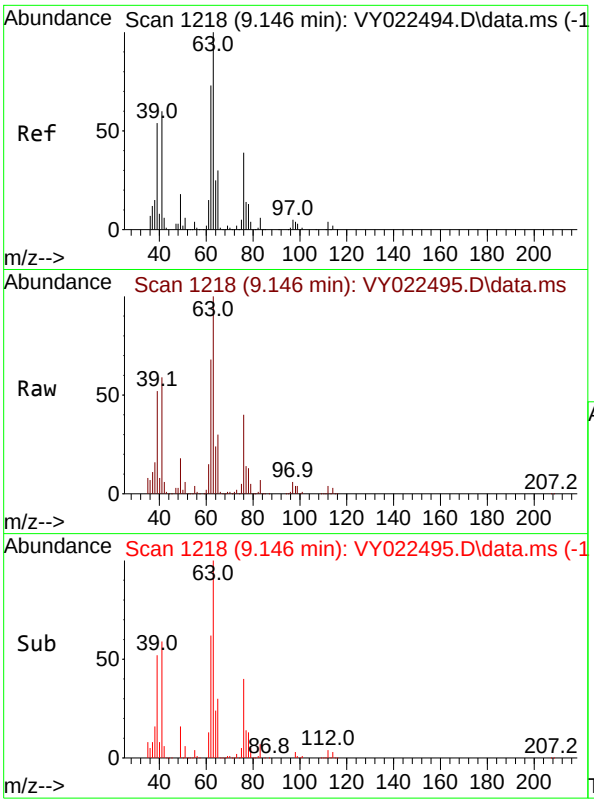


#44
Trichloroethene
Concen: 102.104 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:130 Resp: 253632

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	203.0



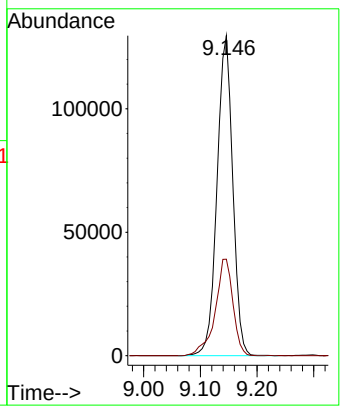


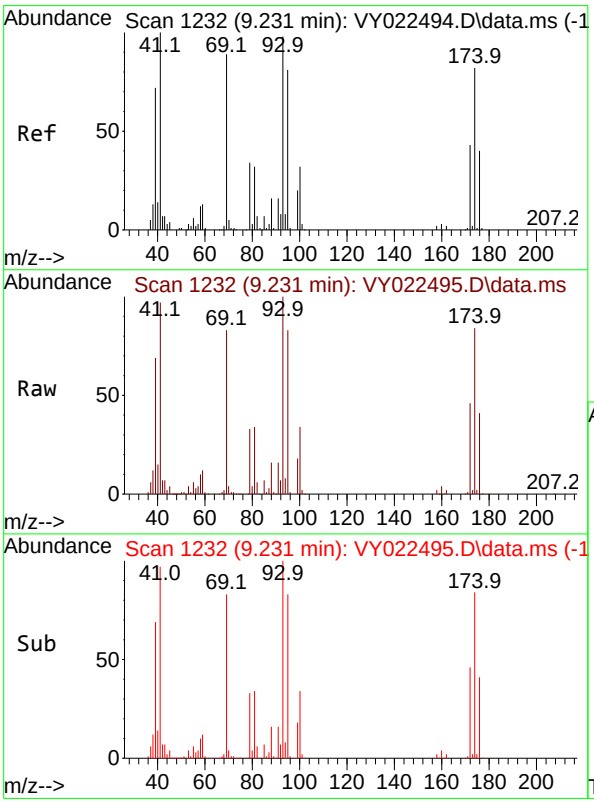
#45
1,2-Dichloropropane
Concen: 102.865 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 249363

Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.0	36.0

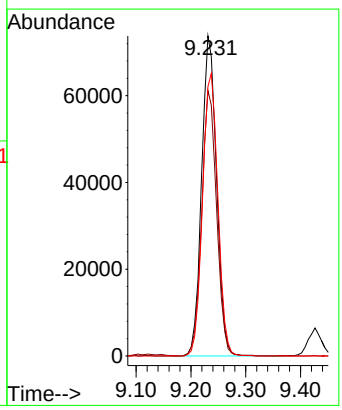


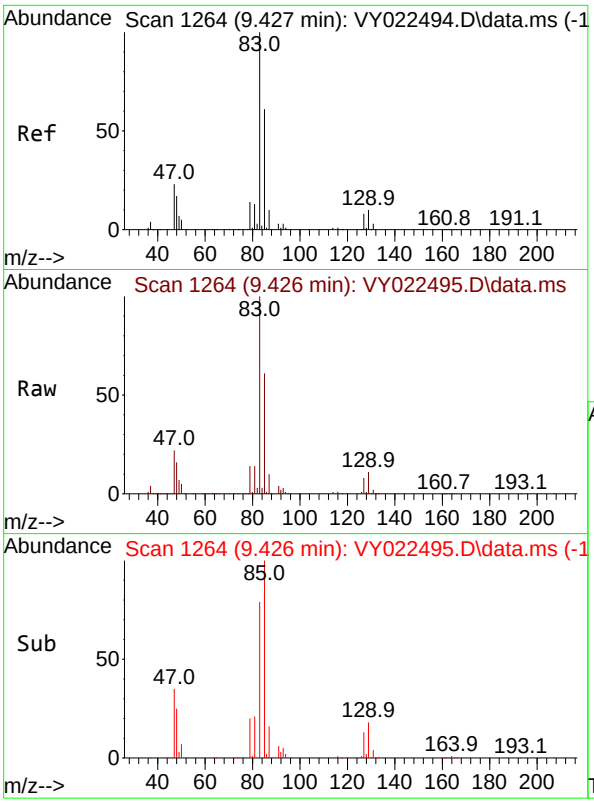


#46
Dibromomethane
Concen: 102.605 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 93 Resp: 139349

Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.6	98.4
174	90.4	70.4	105.6



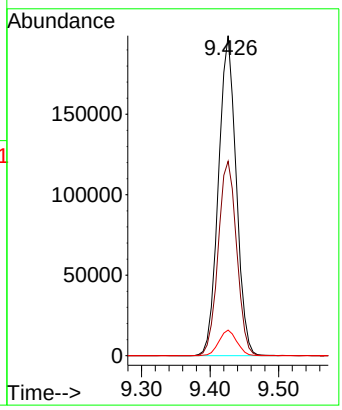


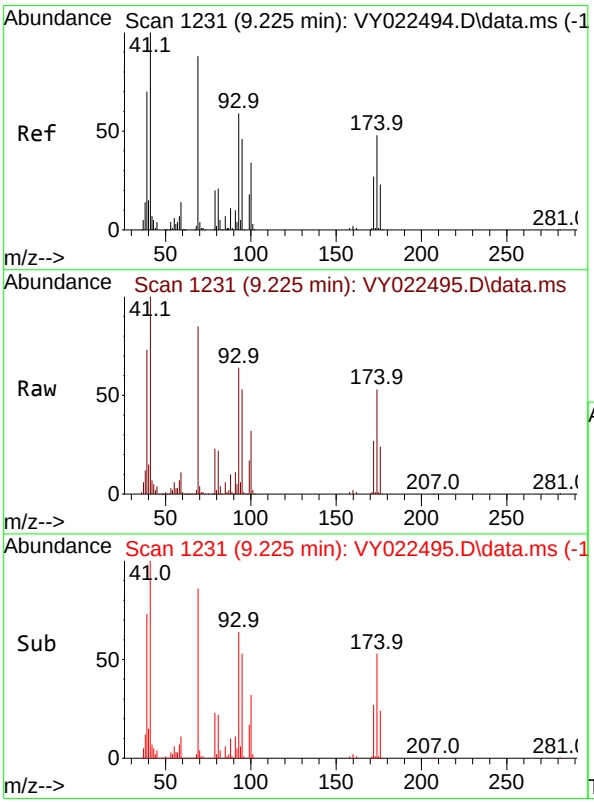
#47
Bromodichloromethane
Concen: 103.321 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 356025

Ion	Ratio	Lower	Upper
83	100		
85	60.7	49.1	73.7
127	8.0	6.2	9.4

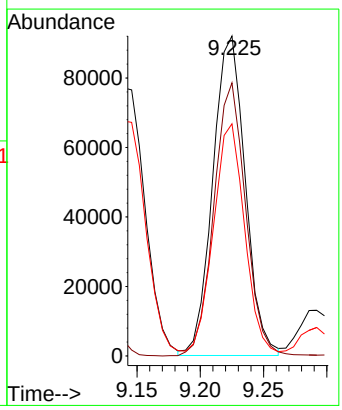


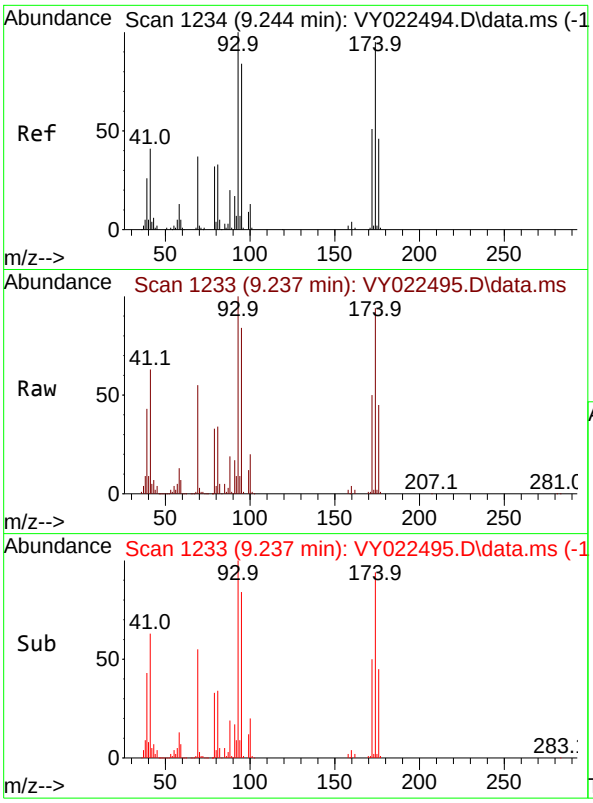


#48
Methyl methacrylate
Concen: 107.875 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 163867

Ion	Ratio	Lower	Upper
41	100		
69	84.0	67.8	101.8
39	68.0	55.0	82.4



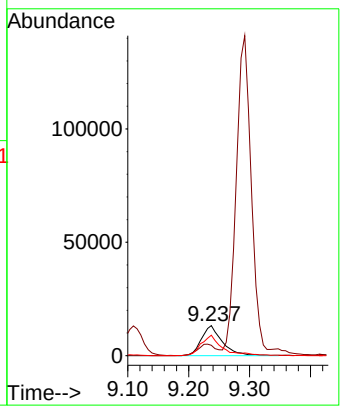


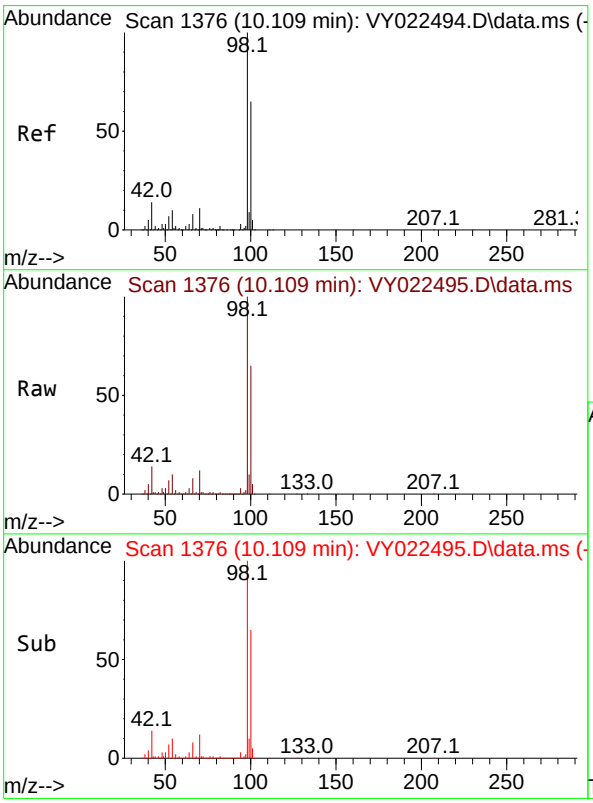
#49
1,4-Dioxane
Concen: 1955.012 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 31675

Ion	Ratio	Lower	Upper
88	100		
43	35.0	25.4	38.2
58	69.1	54.9	82.3

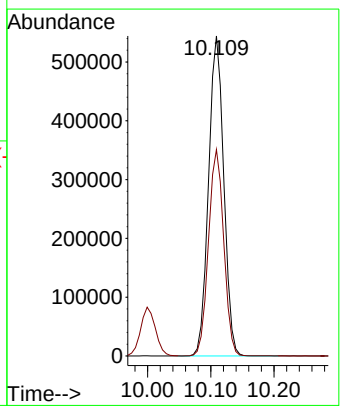


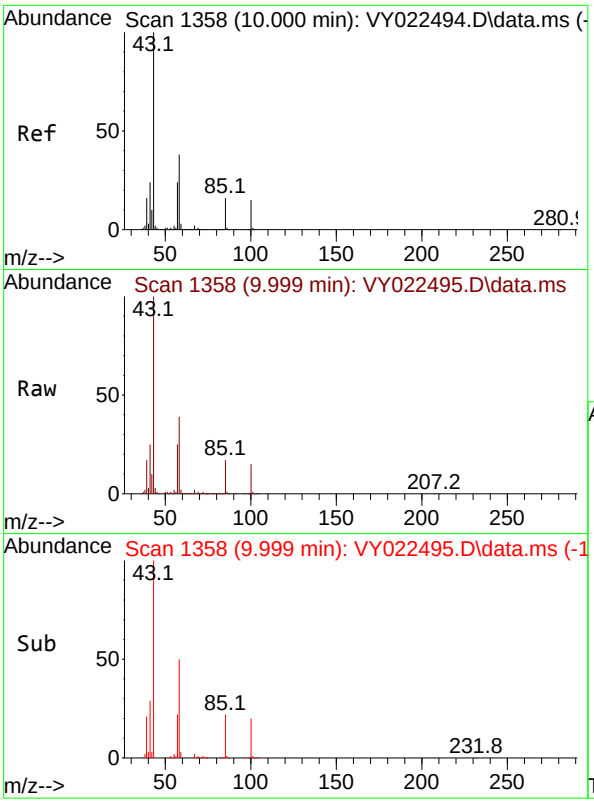


#50
Toluene-d8
Concen: 105.318 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 98 Resp: 908424

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0



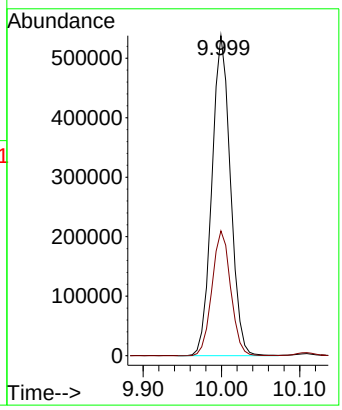


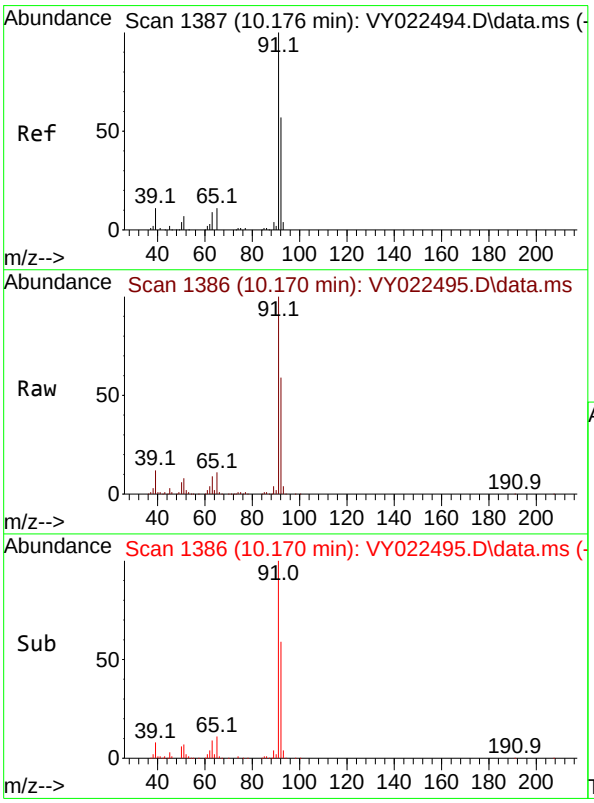
#51
4-Methyl-2-Pentanone
Concen: 537.390 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 884897

Ion	Ratio	Lower	Upper
43	100		
58	39.3	30.4	45.6

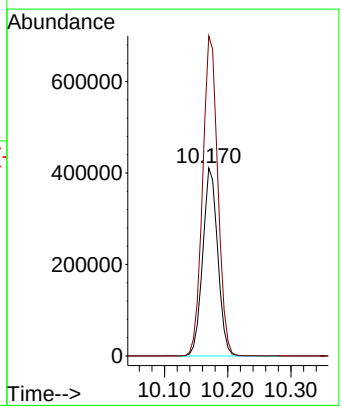


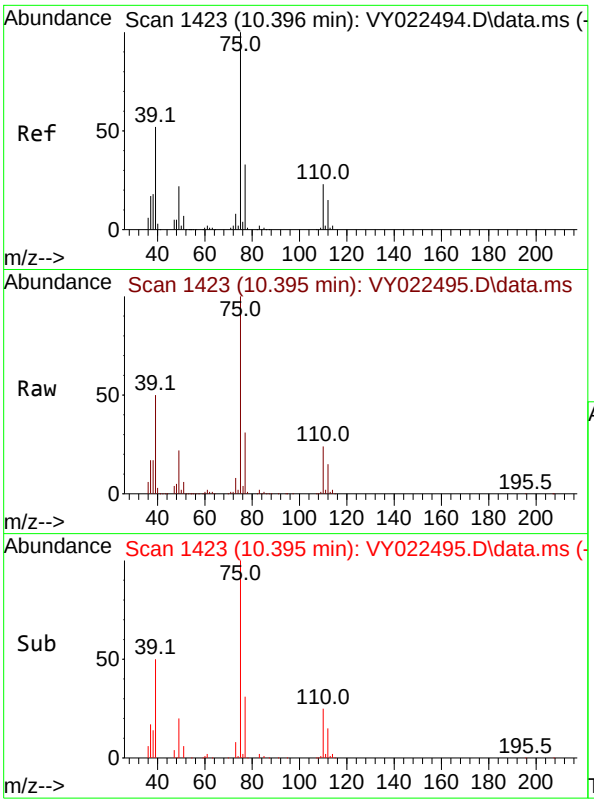


#52
Toluene
Concen: 105.821 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 92 Resp: 676554

Ion	Ratio	Lower	Upper
92	100		
91	173.1	139.0	208.4



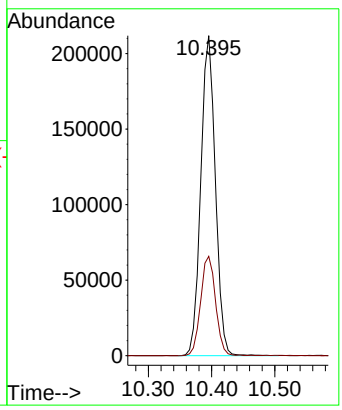


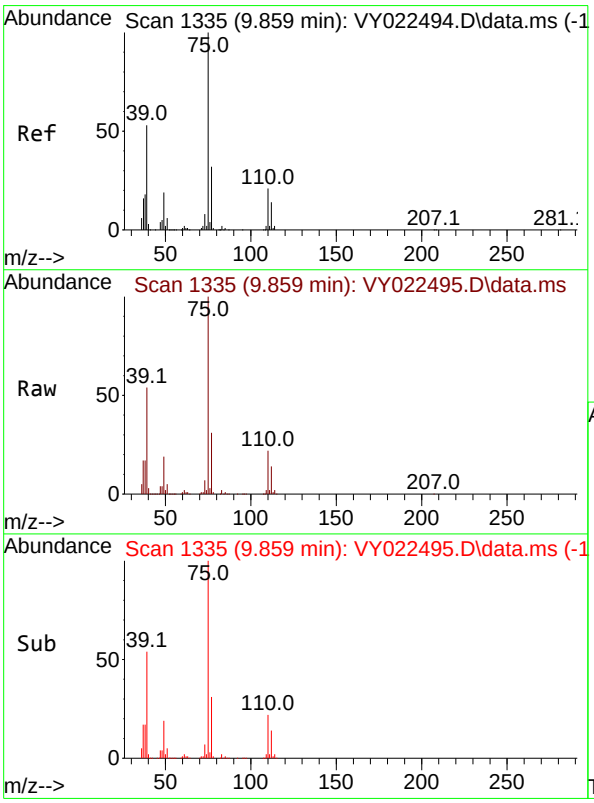
#53
t-1,3-Dichloropropene
Concen: 106.548 ug/l
RT: 10.395 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 339647

Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.5	39.7

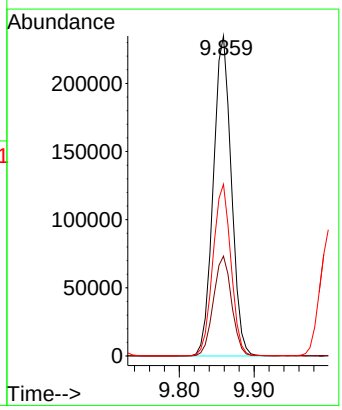


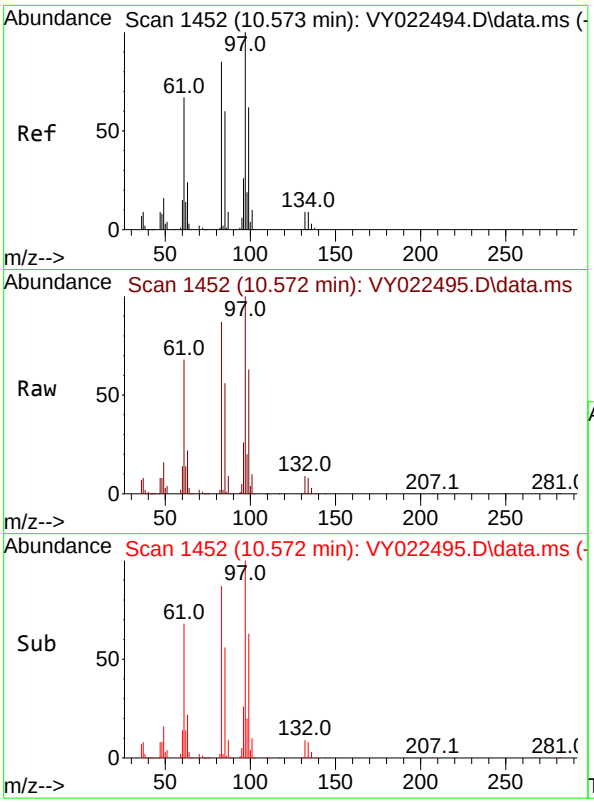


#54
cis-1,3-Dichloropropene
Concen: 105.579 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 394647

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9
39	53.6	42.7	64.1



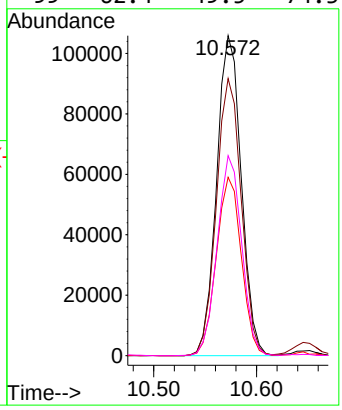


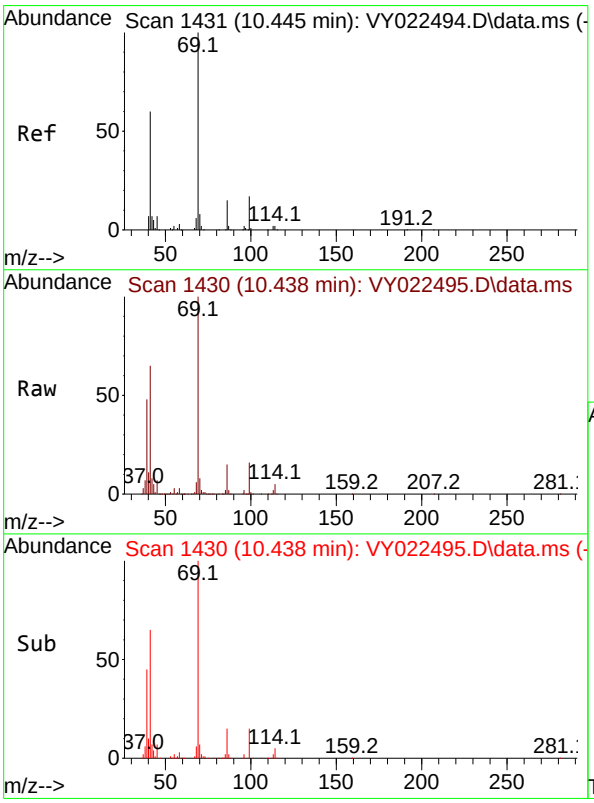
#55
1,1,2-Trichloroethane
Concen: 103.130 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 176386

Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.1	102.1
85	55.8	48.2	72.2
99	62.4	49.5	74.3

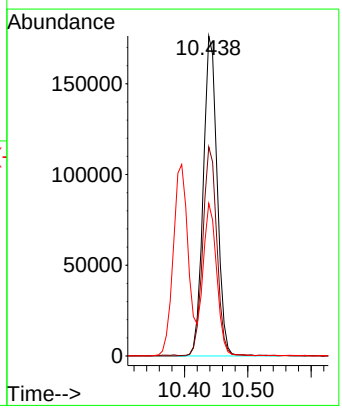


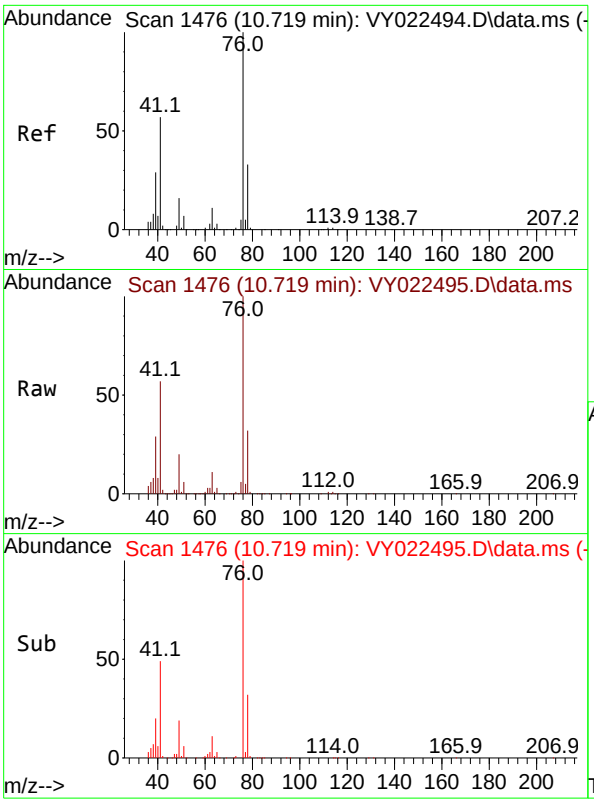


#56
Ethyl methacrylate
Concen: 108.807 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 69 Resp: 270253

Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	45.6	36.7	55.1



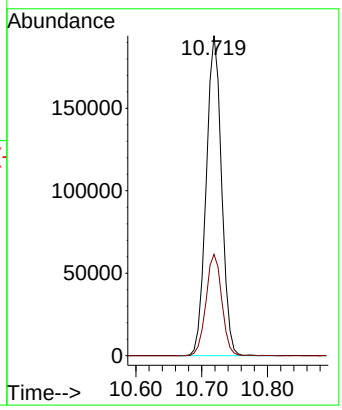


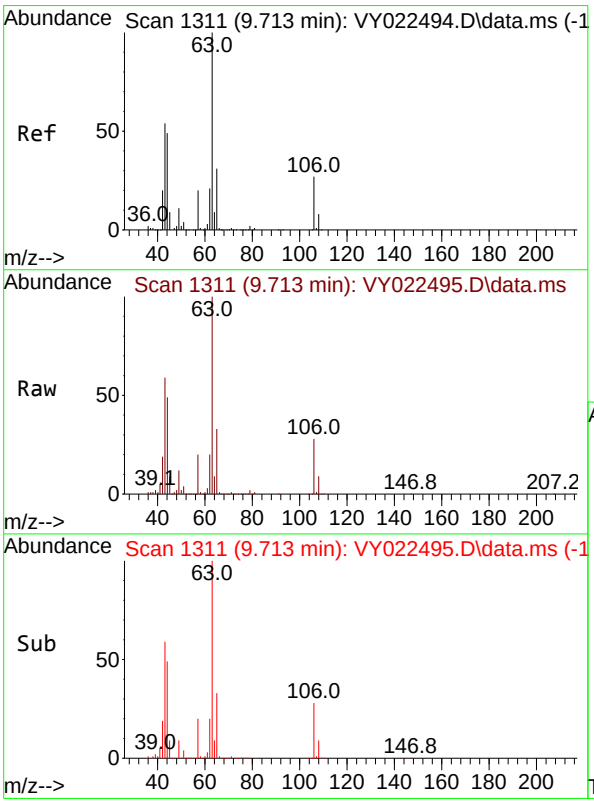
#57
1,3-Dichloropropane
Concen: 103.374 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 314882

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

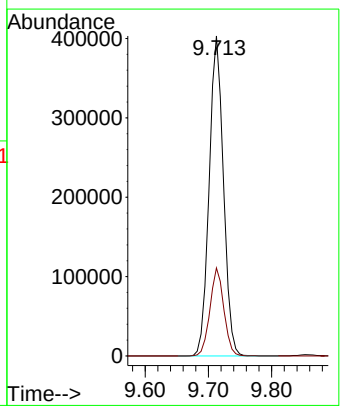


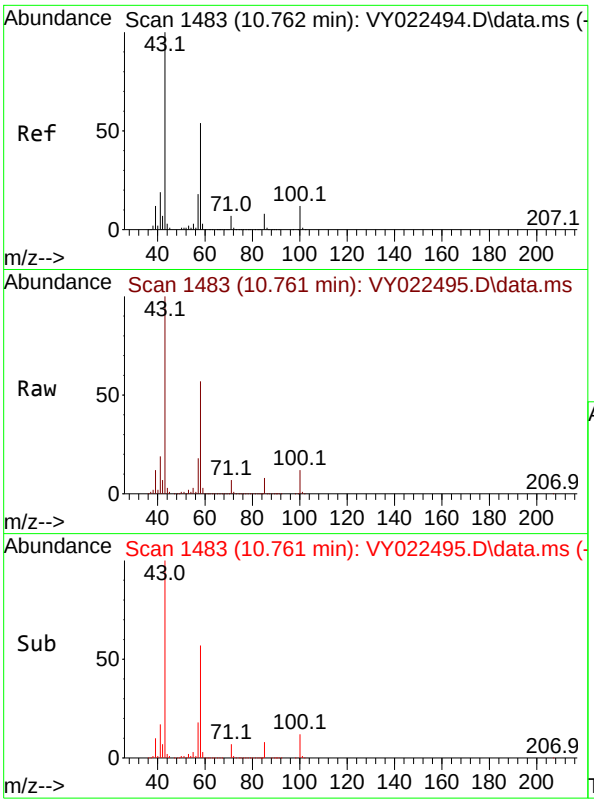


#58
2-Chloroethyl Vinyl ether
Concen: 570.744 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 63 Resp: 631985

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4



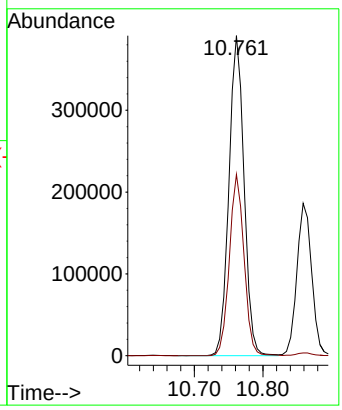


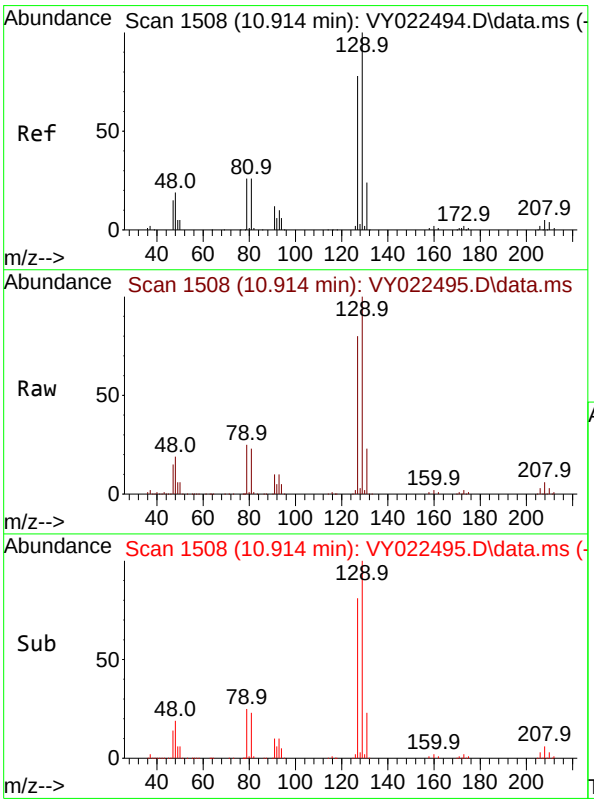
#59
2-Hexanone
Concen: 546.025 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 599356

Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.3	81.8

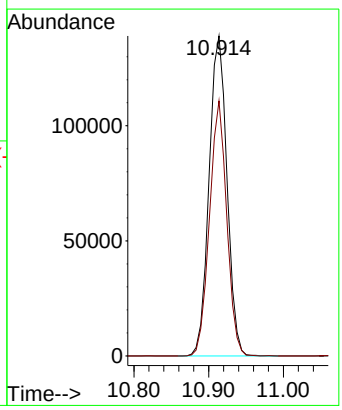


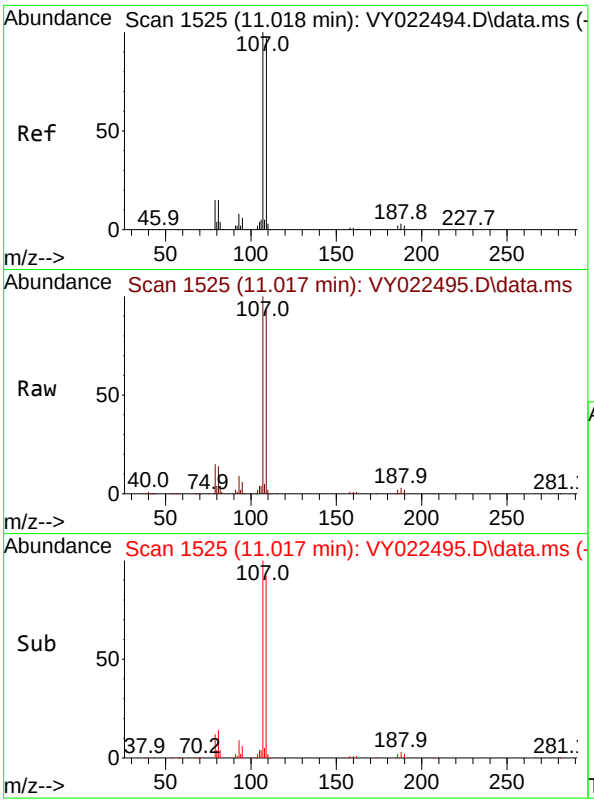


#60
Dibromochloromethane
Concen: 106.862 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:129 Resp: 231582

Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.1	117.2



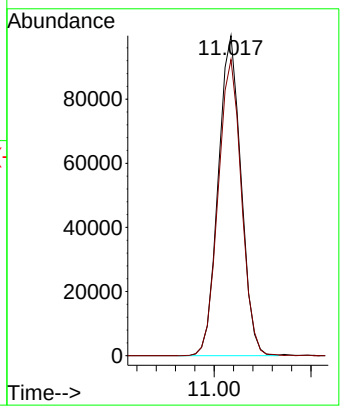


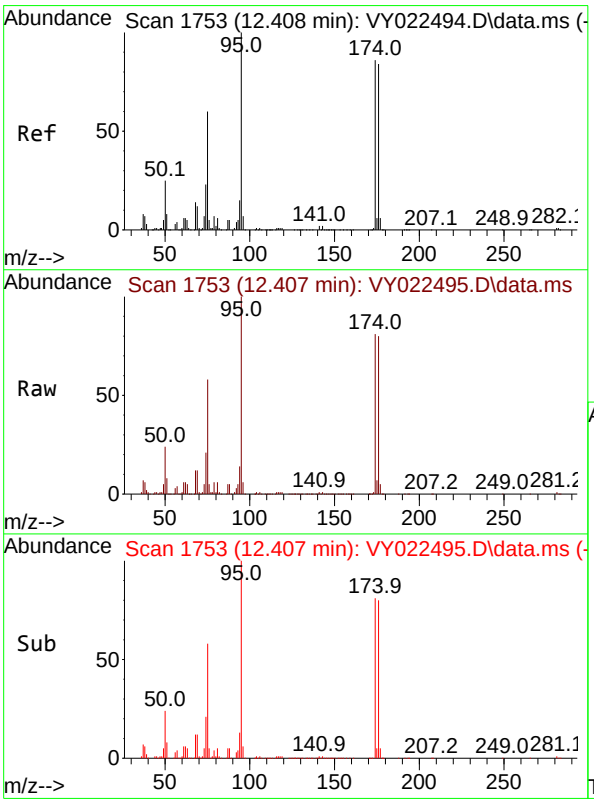
#61
1,2-Dibromoethane
Concen: 103.182 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 162846

Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.7	116.5

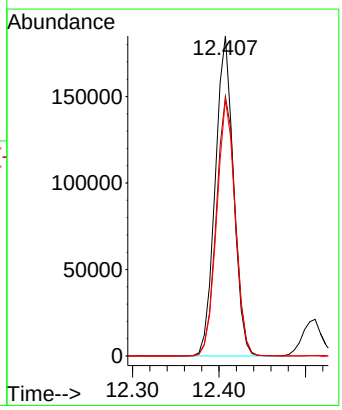


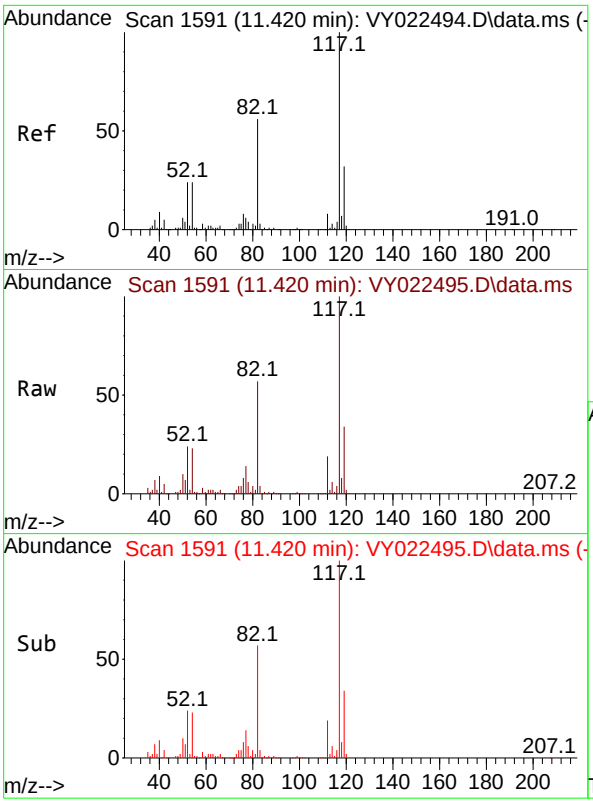


#62
4-Bromofluorobenzene
Concen: 103.359 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 95 Resp: 270310

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	170.0
176	80.8	0.0	166.2



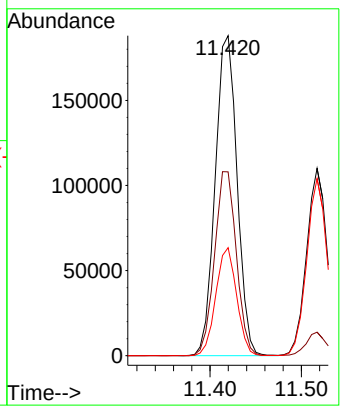


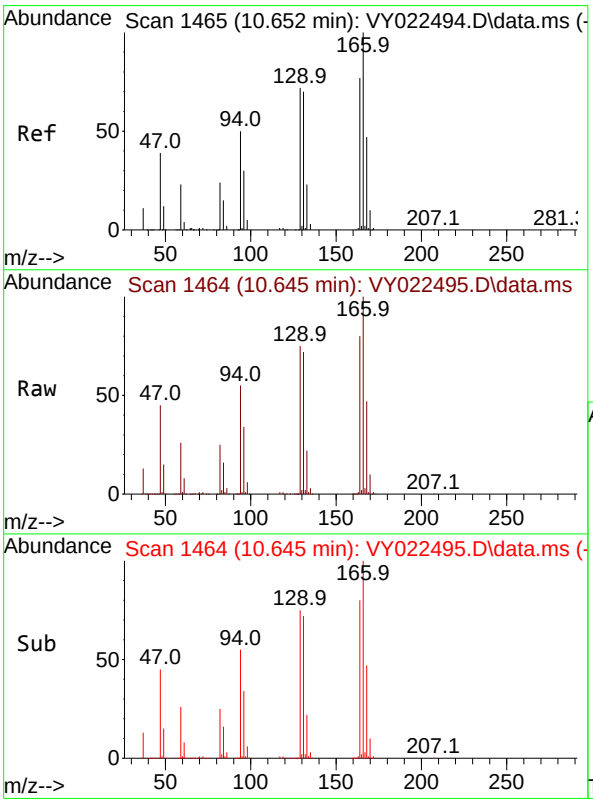
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 312741

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	66.8
119	33.8	25.4	38.0

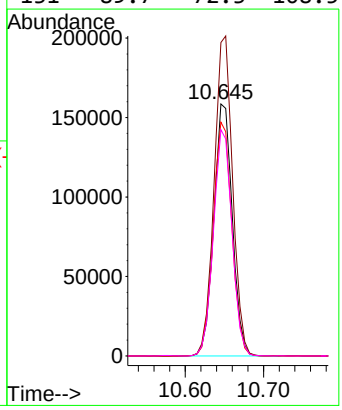


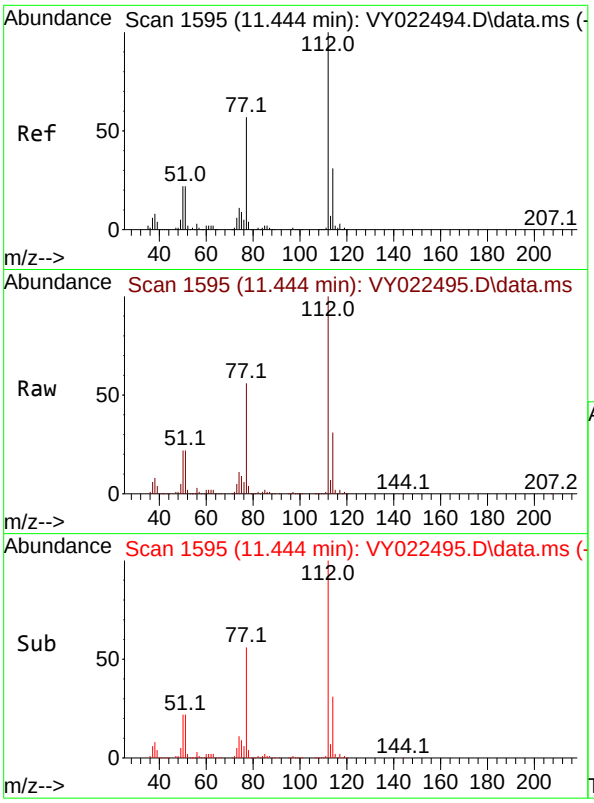


#64
Tetrachloroethene
Concen: 97.857 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:164 Resp: 260085

Ion	Ratio	Lower	Upper
164	100		
166	124.4	104.0	156.0
129	92.8	74.5	111.7
131	89.7	72.3	108.5



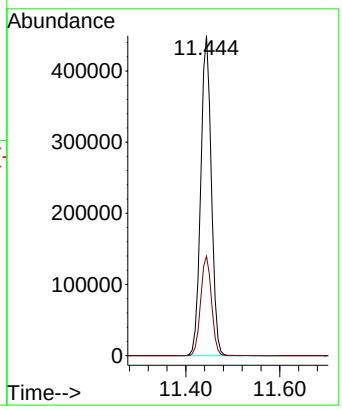


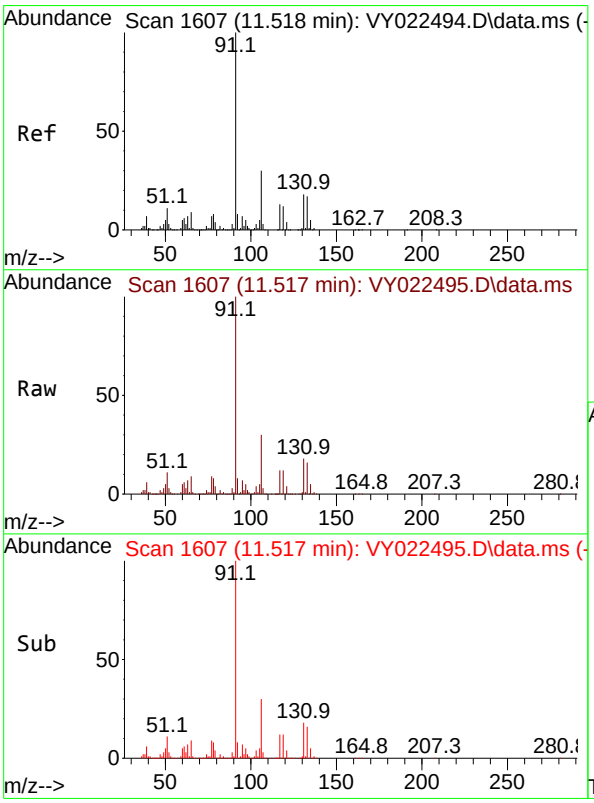
#65
Chlorobenzene
Concen: 103.277 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 700365

Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.0	37.6

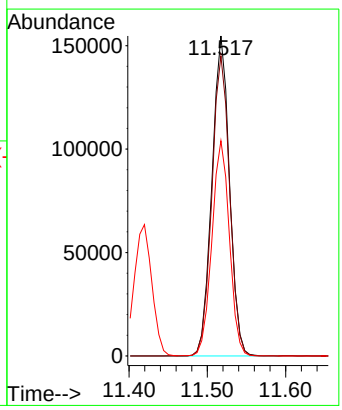


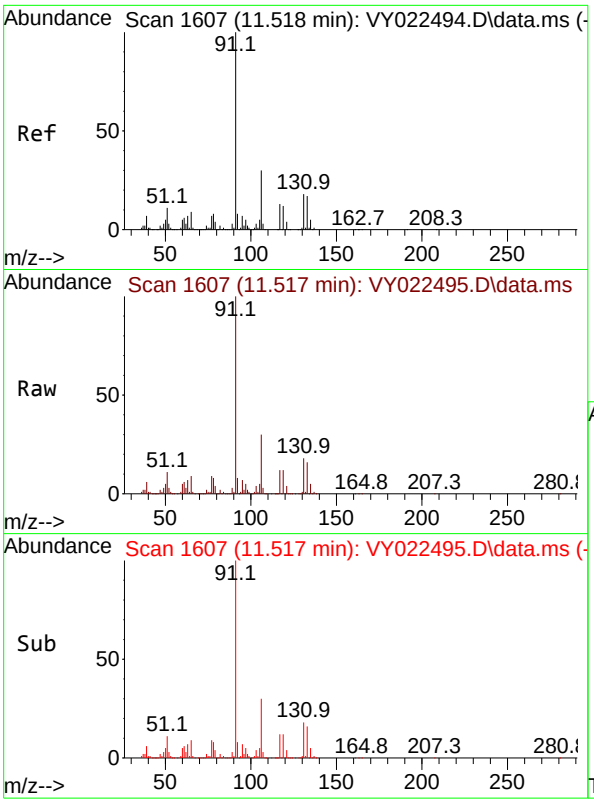


#66
1,1,1,2-Tetrachloroethane
Concen: 104.874 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:131 Resp: 241080

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	141.8
119	66.9	33.1	99.3



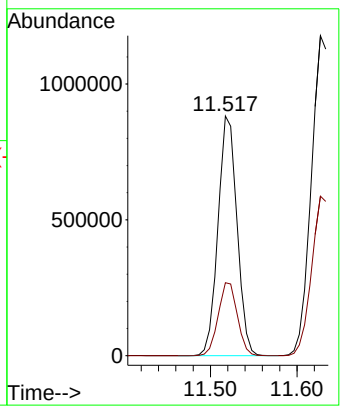


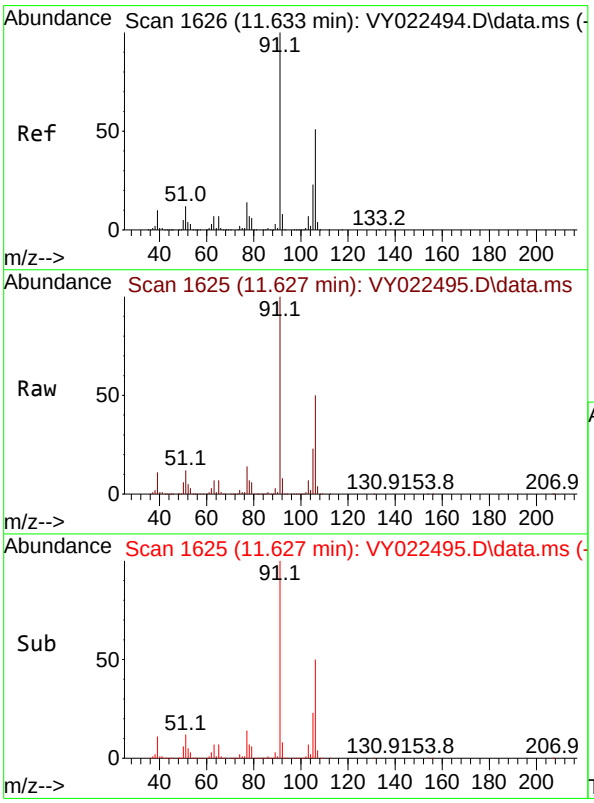
#67
Ethyl Benzene
Concen: 106.379 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1343424

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.4

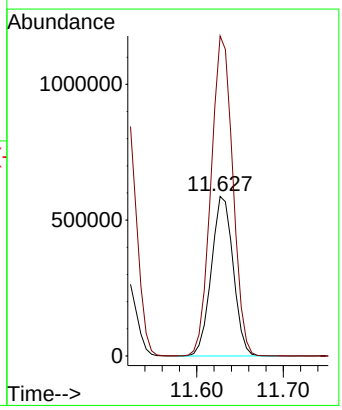


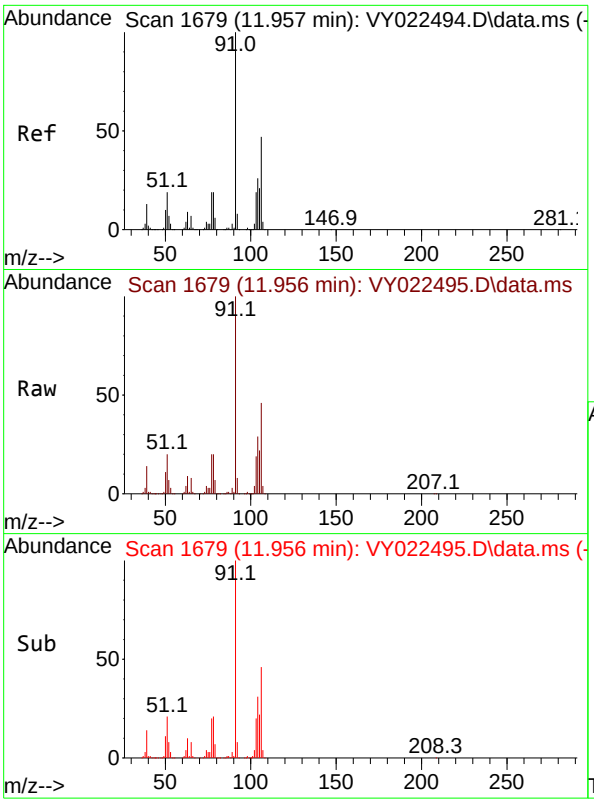


#68
m/p-Xylenes
Concen: 215.017 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:106 Resp: 1027669

Ion	Ratio	Lower	Upper
106	100		
91	200.6	159.4	239.0



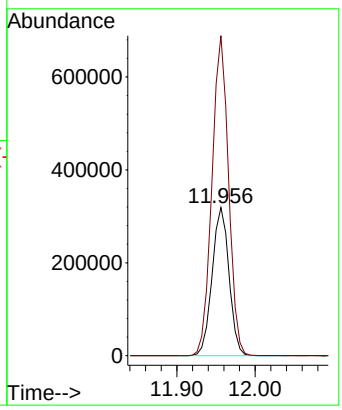


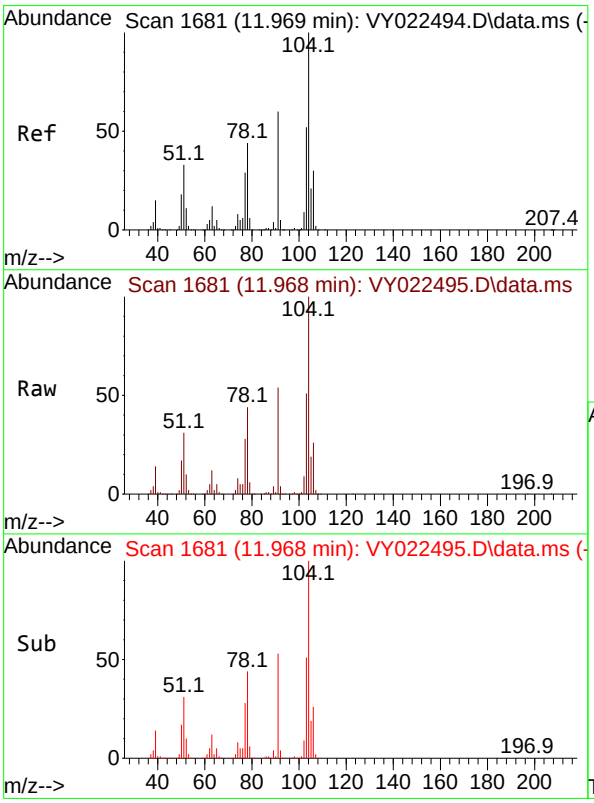
#69
o-Xylene
Concen: 106.884 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 478106

Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.8	317.3

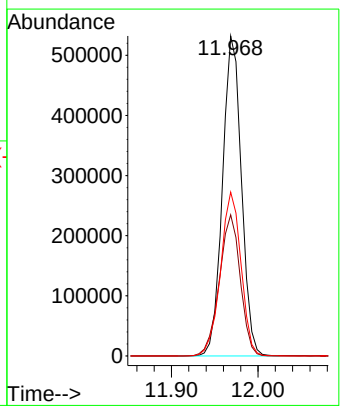


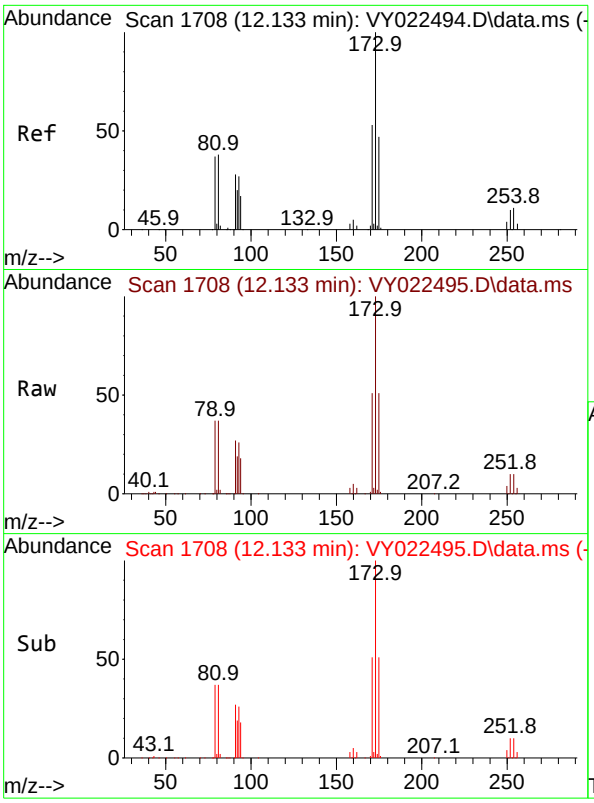


#70
Styrene
Concen: 109.011 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:104 Resp: 807331

Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.5	59.3
103	55.3	44.1	66.1



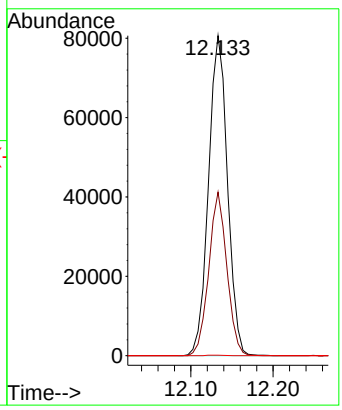


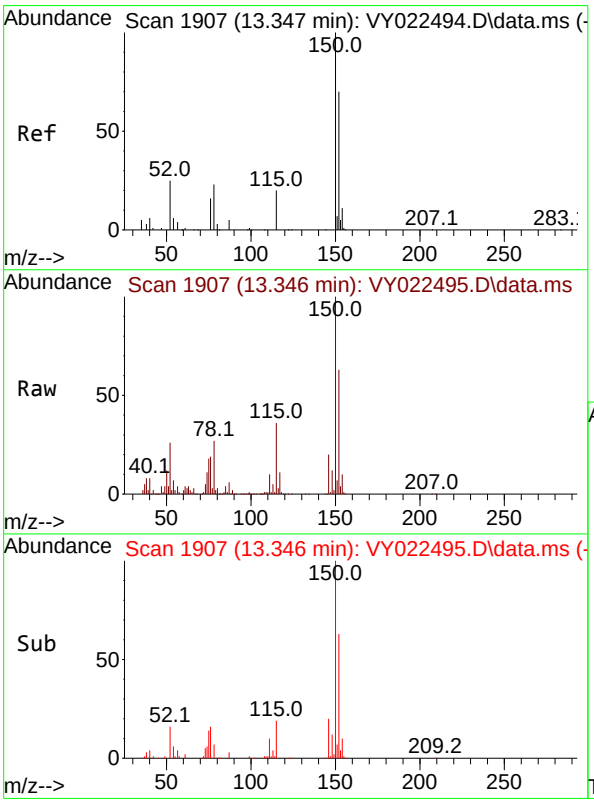
#71
Bromoform
Concen: 106.900 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 129134

Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.8	71.5
254	0.2	0.0	0.0#

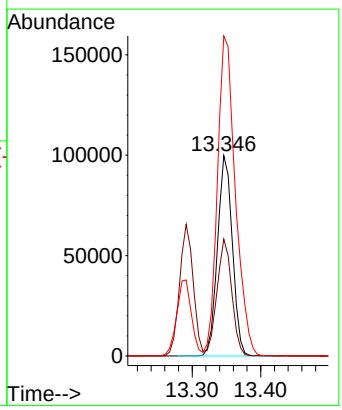


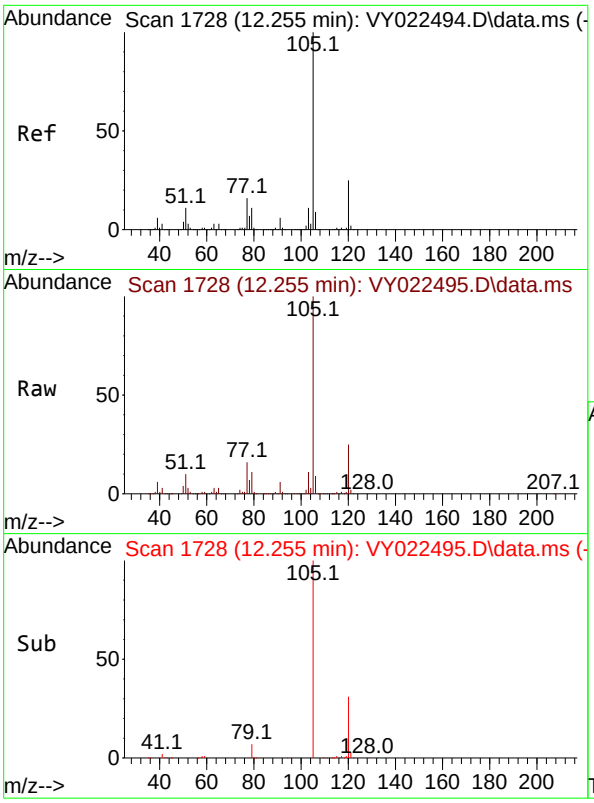


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:152 Resp: 150217

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.9	86.7
150	192.2	0.0	349.6



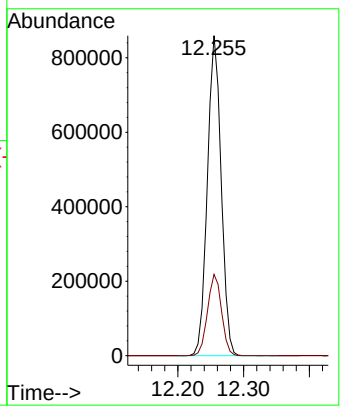


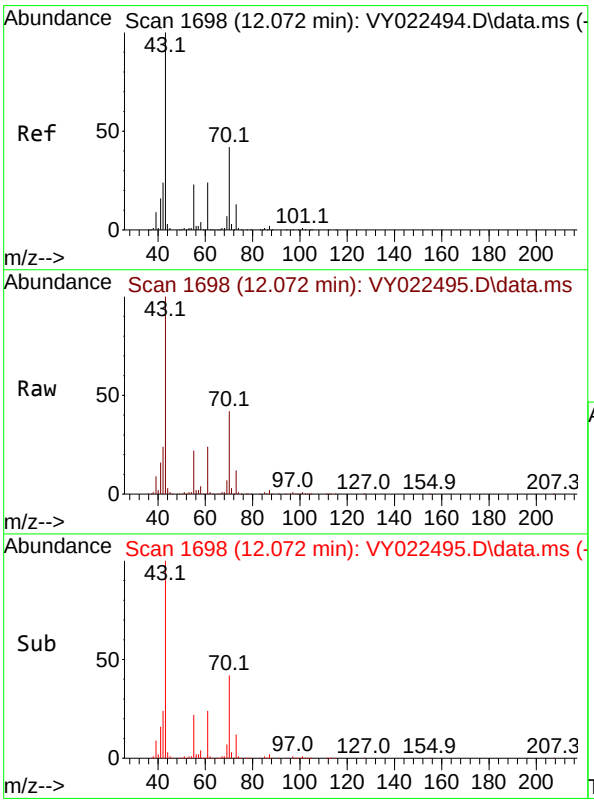
#73
Isopropylbenzene
Concen: 103.429 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1251781

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9

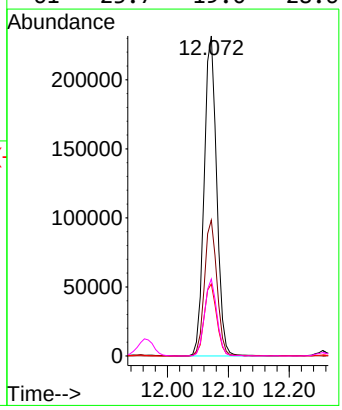


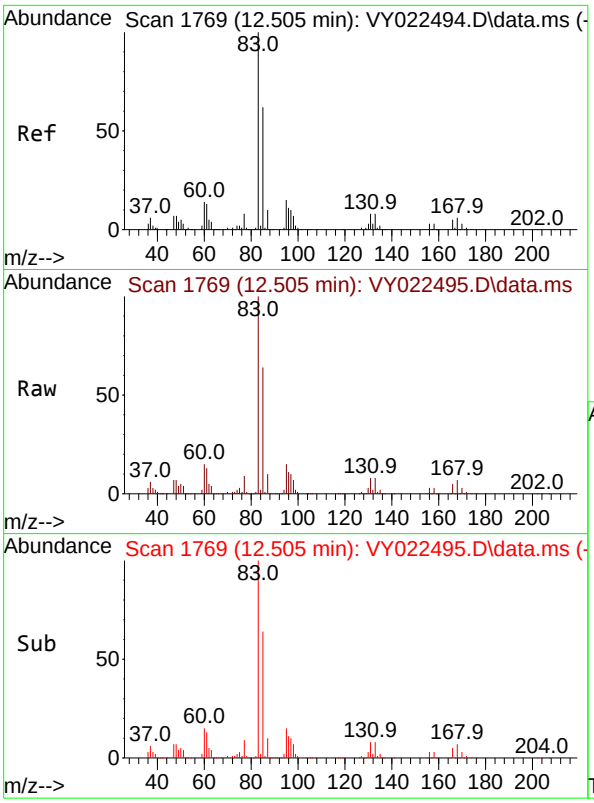


#74
N-amyl acetate
Concen: 108.232 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 331256

Ion	Ratio	Lower	Upper
43	100		
70	42.4	34.2	51.2
55	22.5	18.2	27.4
61	23.7	19.0	28.6



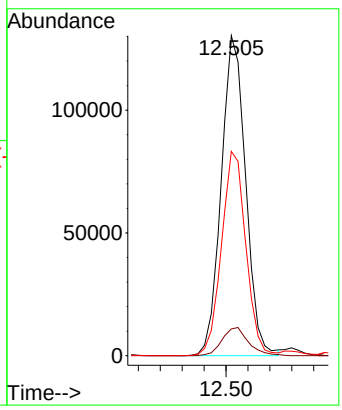


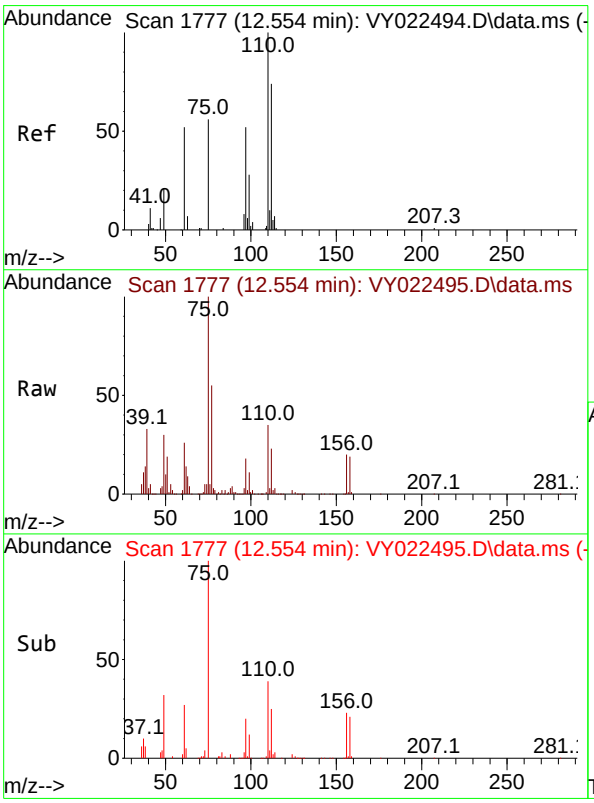
#75
1,1,2,2-Tetrachloroethane
Concen: 102.543 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 201554

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	63.7	32.6	97.8

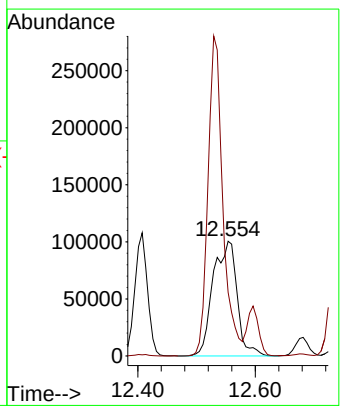


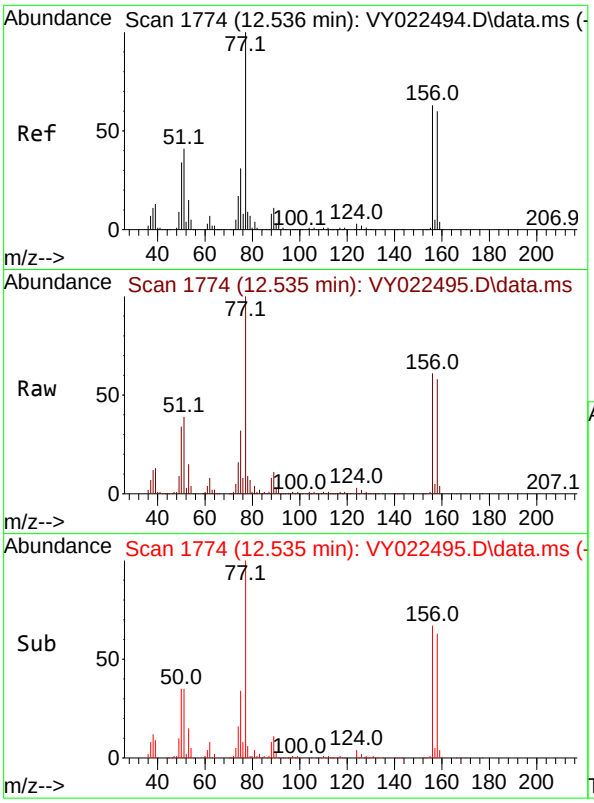


#76
1,2,3-Trichloropropane
Concen: 143.759 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 285086

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



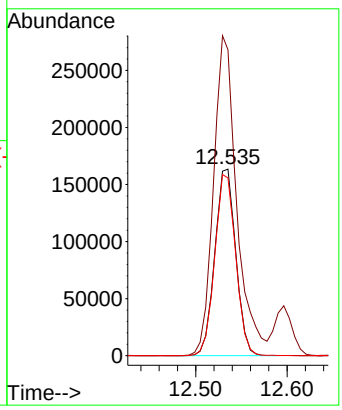


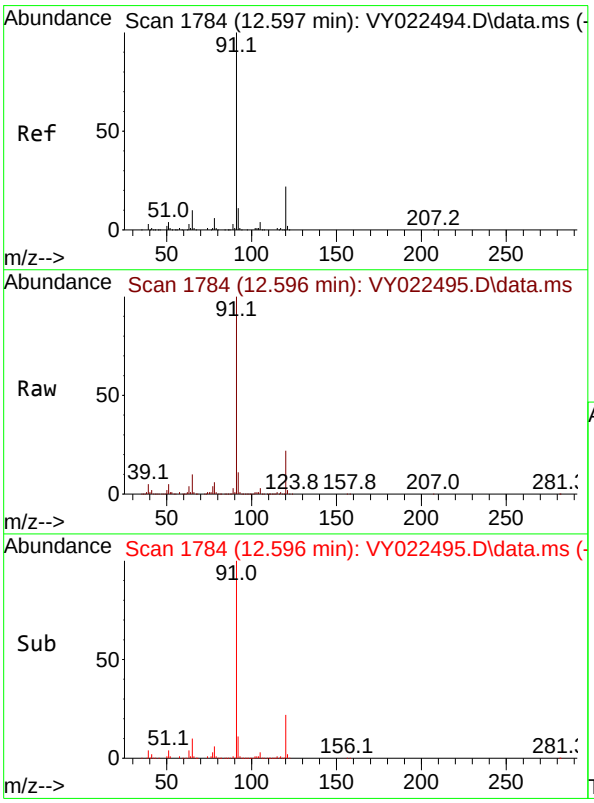
#77
Bromobenzene
Concen: 101.560 ug/l
RT: 12.535 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 260522

Ion	Ratio	Lower	Upper
156	100		
77	189.8	94.0	282.1
158	97.1	48.2	144.6

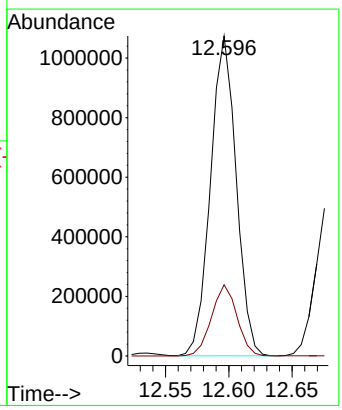


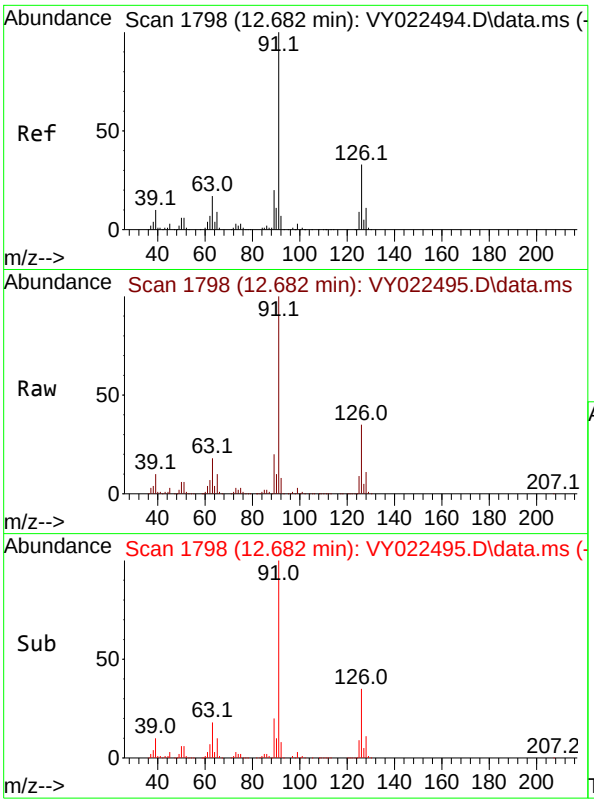


#78
n-propylbenzene
Concen: 103.002 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 1517453

Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.8	32.4



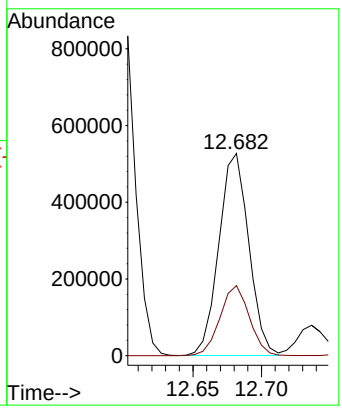


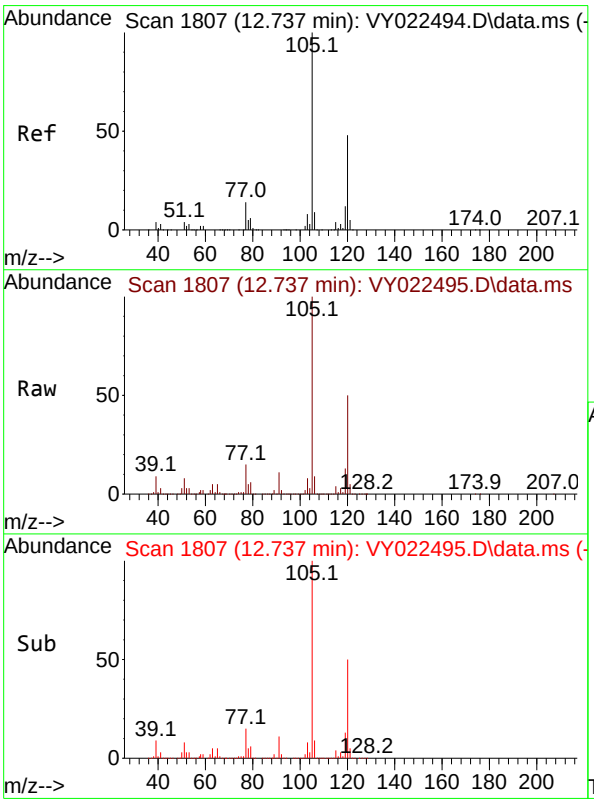
#79
2-Chlorotoluene
Concen: 102.984 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 801096

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0

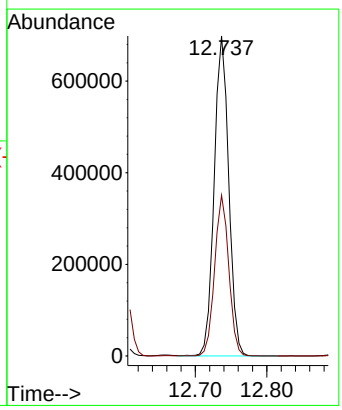


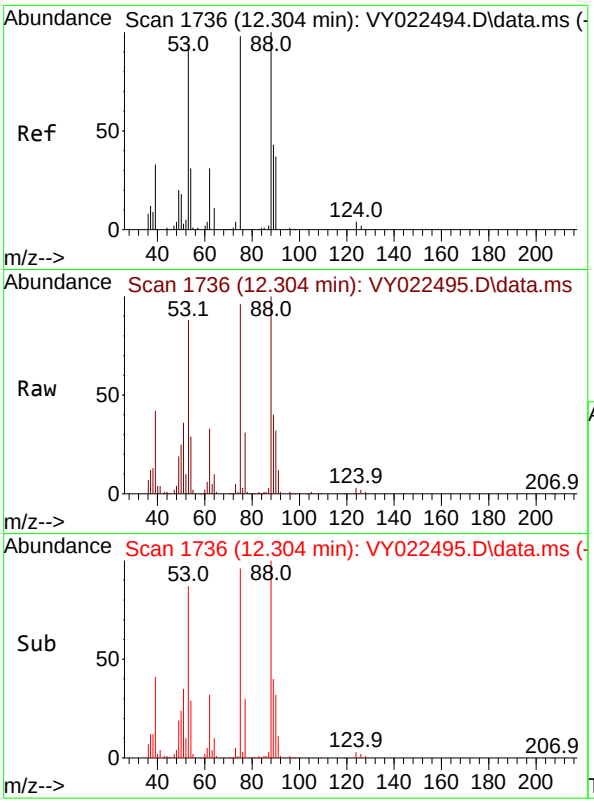


#80
1,3,5-Trimethylbenzene
Concen: 103.959 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 983812

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.1	72.4



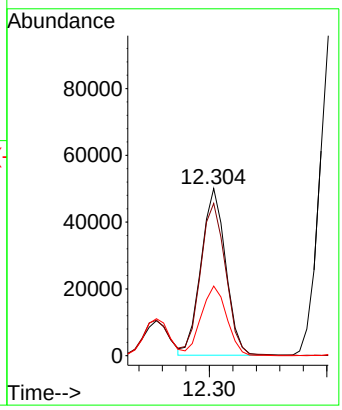


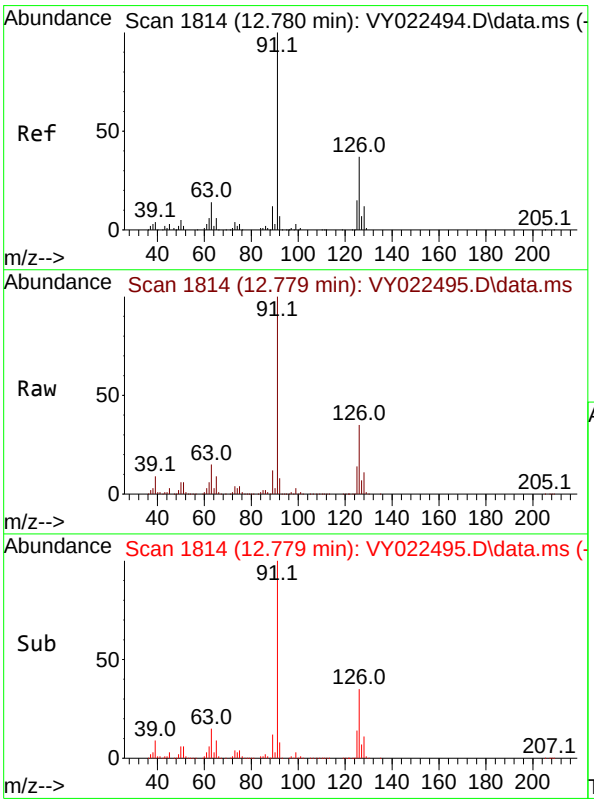
#81
trans-1,4-Dichloro-2-butene
Concen: 104.845 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 72518

Ion	Ratio	Lower	Upper
75	100		
53	94.6	78.5	117.7
89	43.2	35.7	53.5

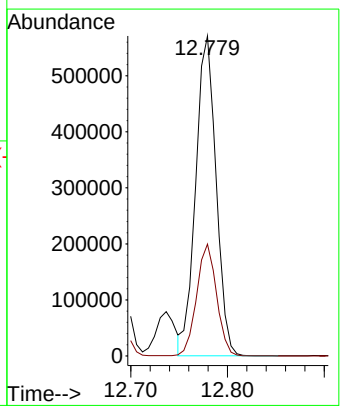


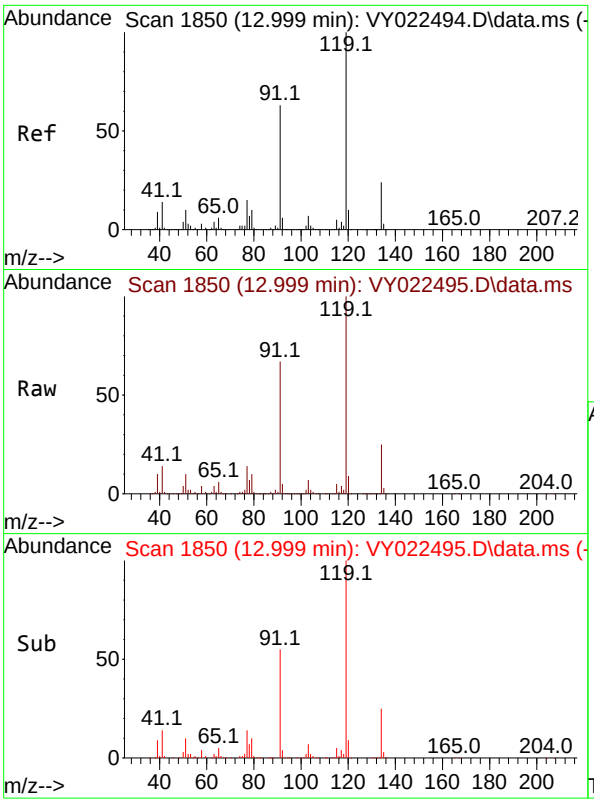


#82
4-Chlorotoluene
Concen: 103.758 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 836500

Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.0	50.9



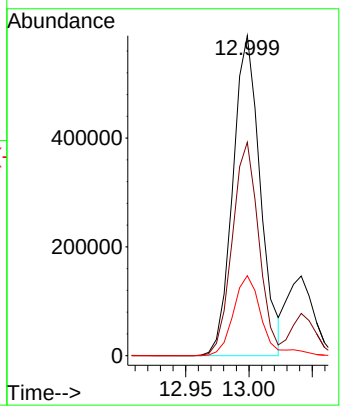


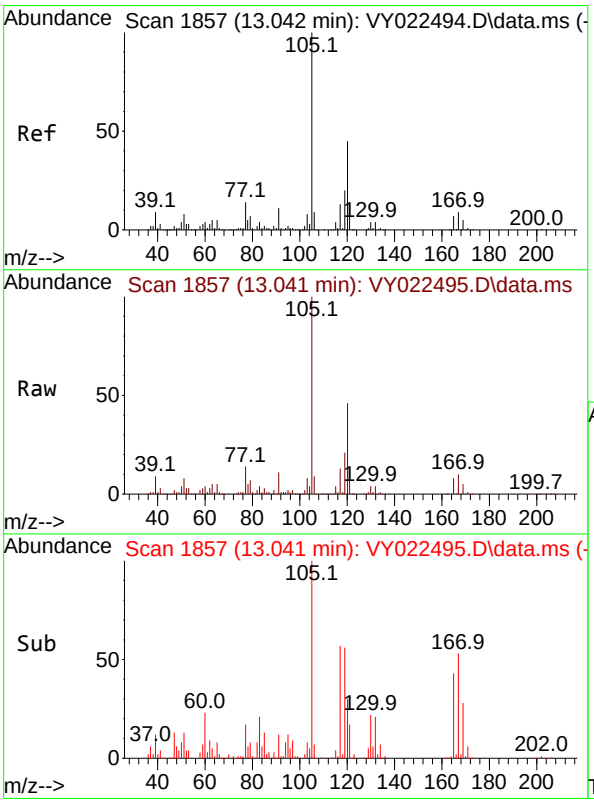
#83
tert-Butylbenzene
Concen: 102.740 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 886942

Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.1	96.3
134	25.9	13.0	38.9

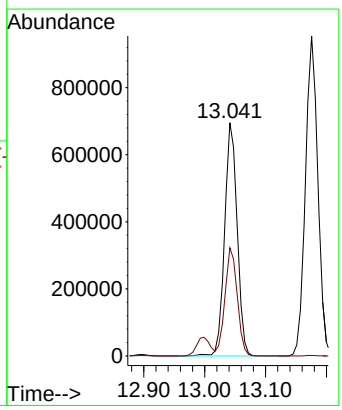


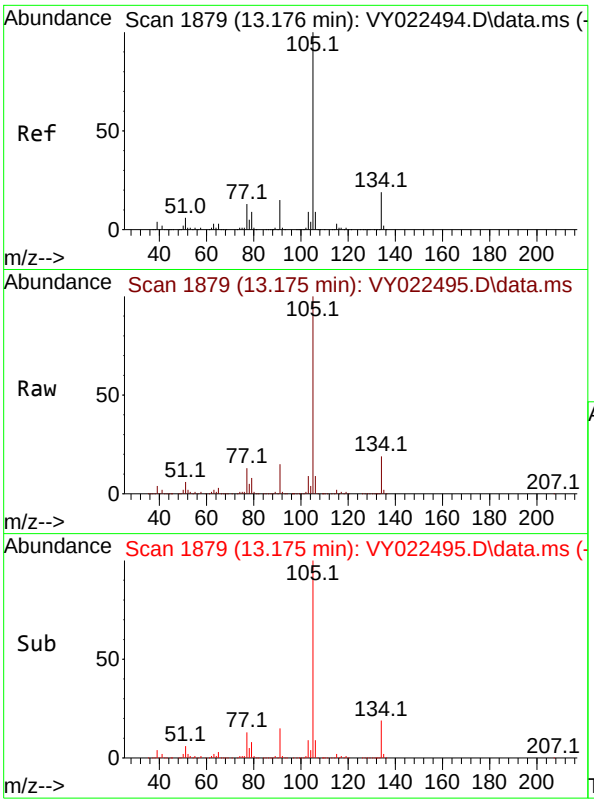


#84
1,2,4-Trimethylbenzene
Concen: 104.854 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 992770

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1



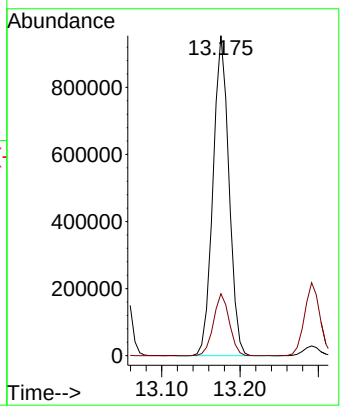


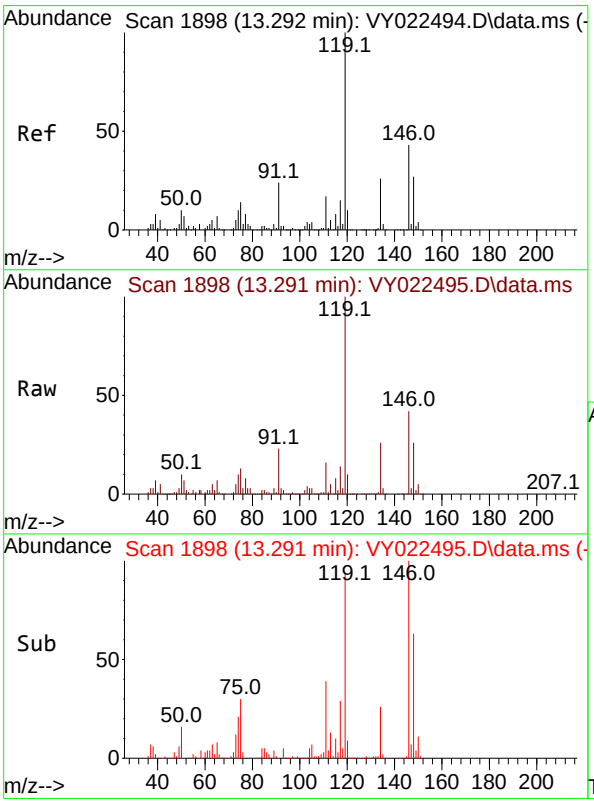
#85
sec-Butylbenzene
Concen: 103.006 ug/l
RT: 13.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1348209

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

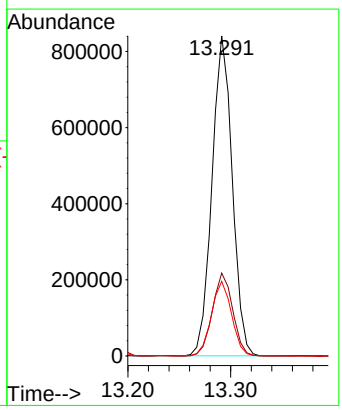


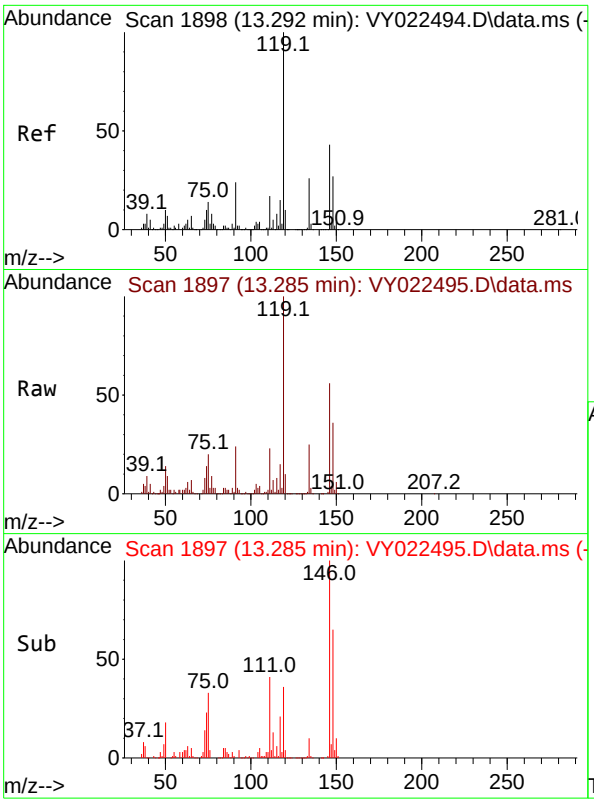


#86
p-Isopropyltoluene
Concen: 106.760 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:119 Resp: 1148821

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	23.2	11.6	34.8



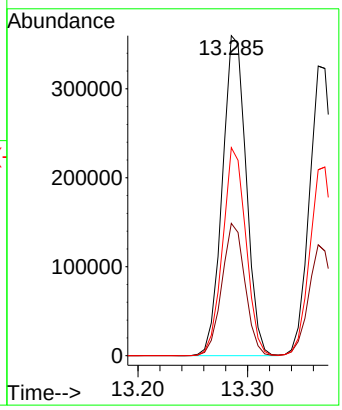


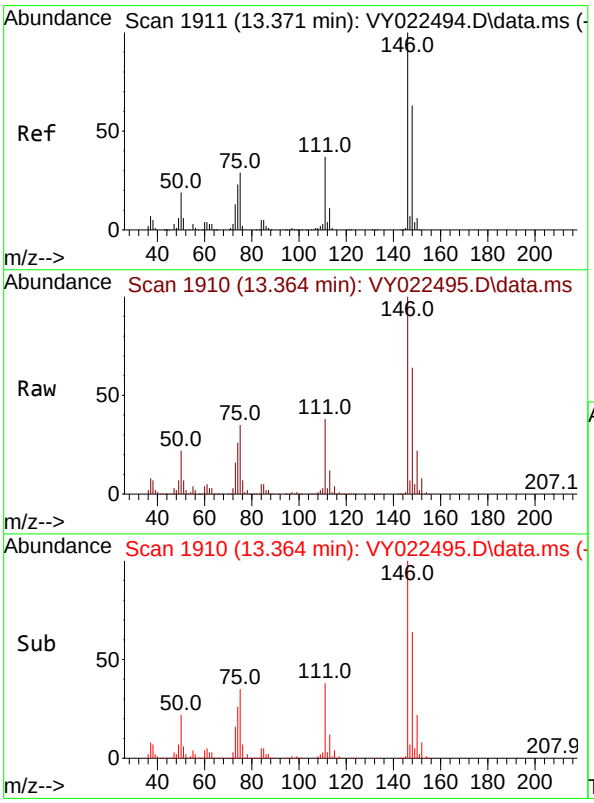
#87
1,3-Dichlorobenzene
Concen: 105.879 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 543396

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	63.4	32.1	96.3

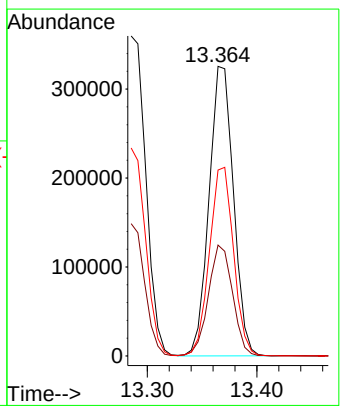


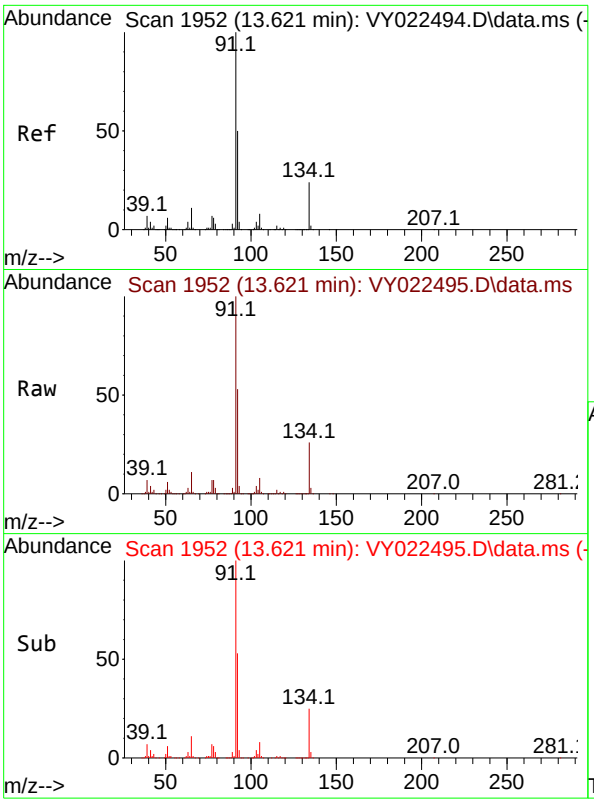


#88
1,4-Dichlorobenzene
Concen: 100.757 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:146 Resp: 503842

Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.2
148	64.7	31.6	94.8



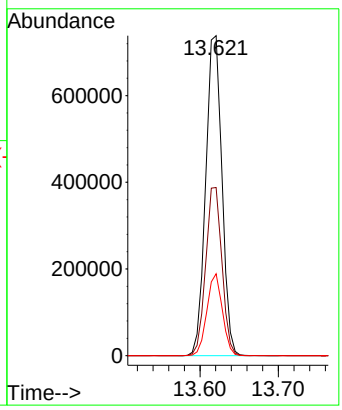


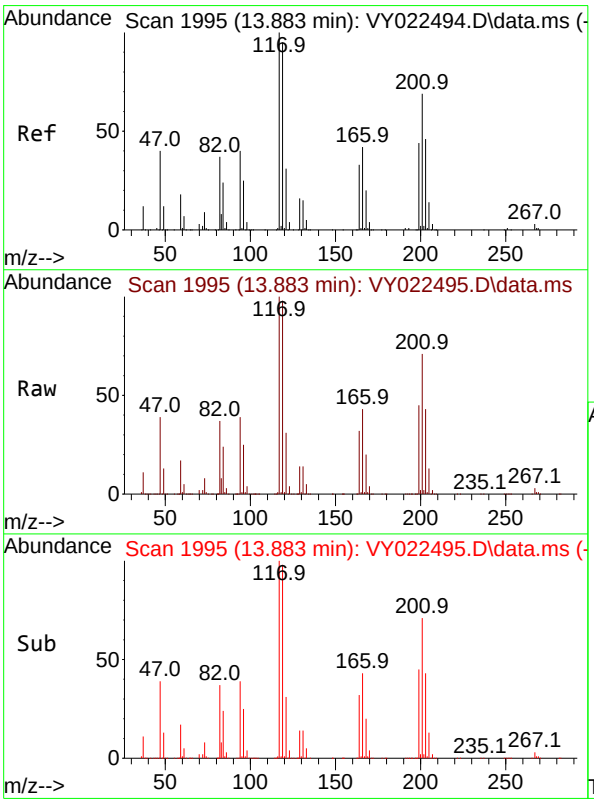
#89
n-Butylbenzene
Concen: 103.713 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1062595

Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.9	77.8
134	24.4	12.0	36.1

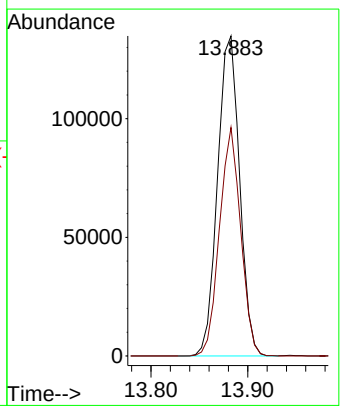


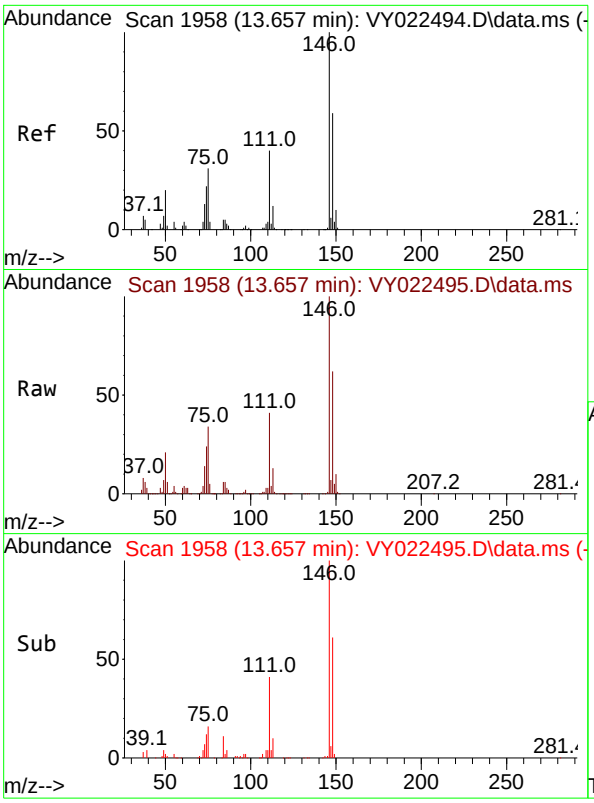


#90
Hexachloroethane
Concen: 101.224 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:117 Resp: 213148

Ion	Ratio	Lower	Upper
117	100		
201	68.6	34.0	102.0



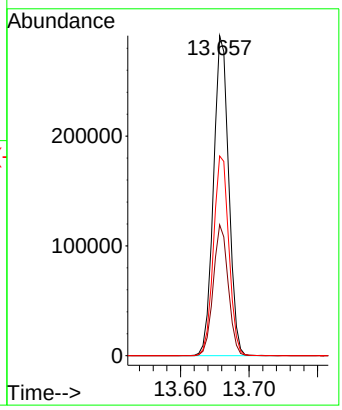


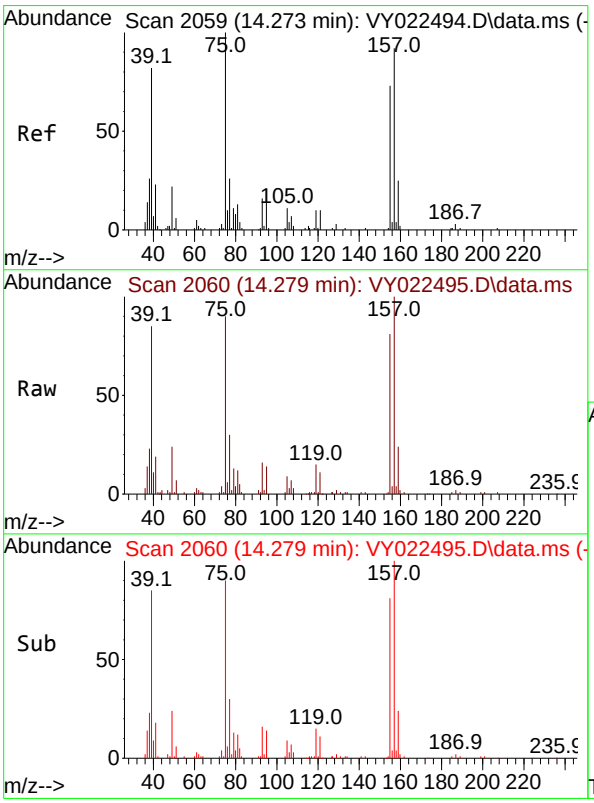
#91
1,2-Dichlorobenzene
Concen: 101.511 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 447574

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	63.2	31.4	94.0

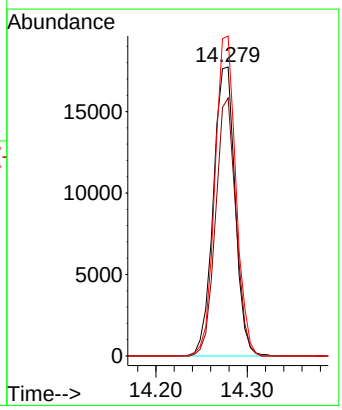


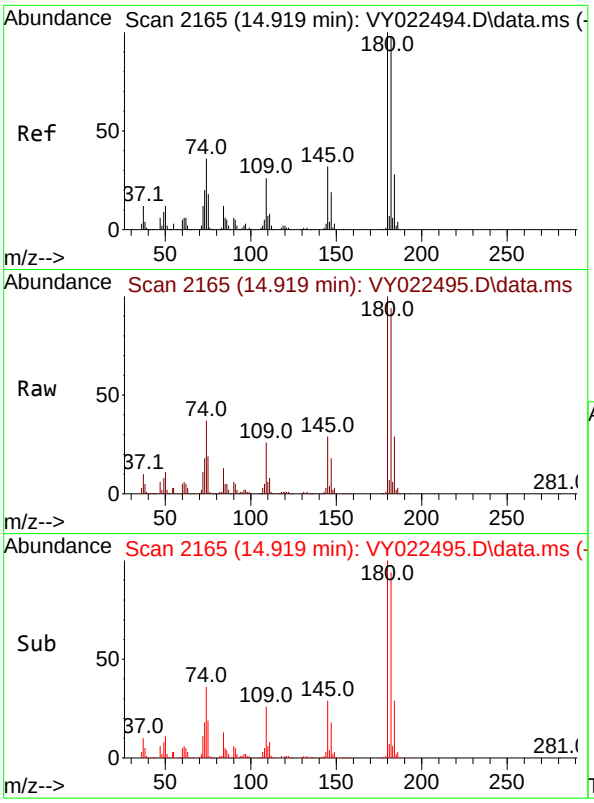


#92
1,2-Dibromo-3-Chloropropane
Concen: 98.805 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 29357

Ion	Ratio	Lower	Upper
75	100		
155	83.2	39.9	119.6
157	106.6	54.0	162.0



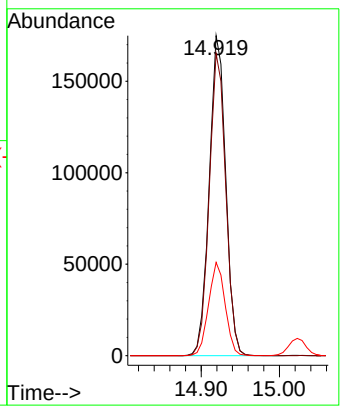


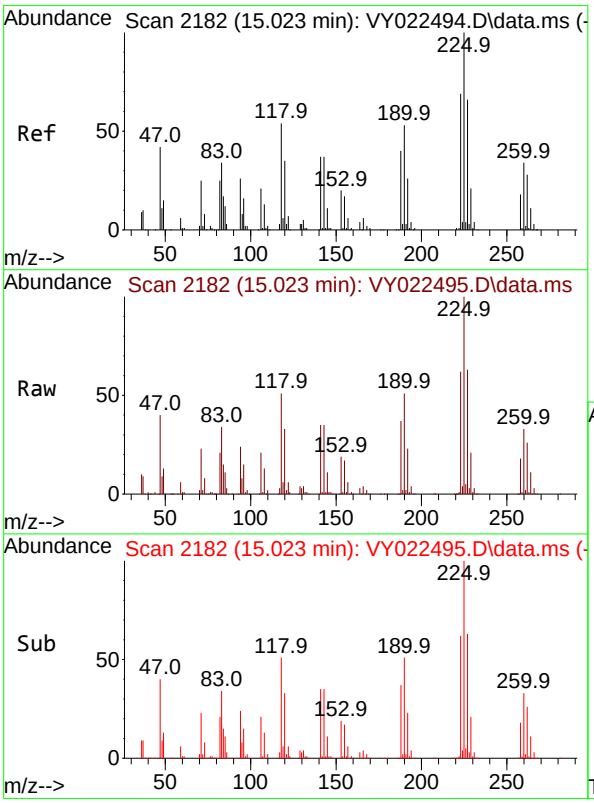
#93
1,2,4-Trichlorobenzene
Concen: 106.117 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 255752

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.3
145	29.3	15.5	46.5

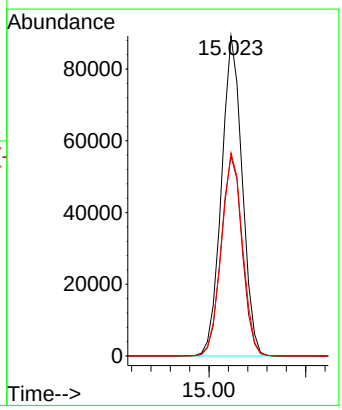


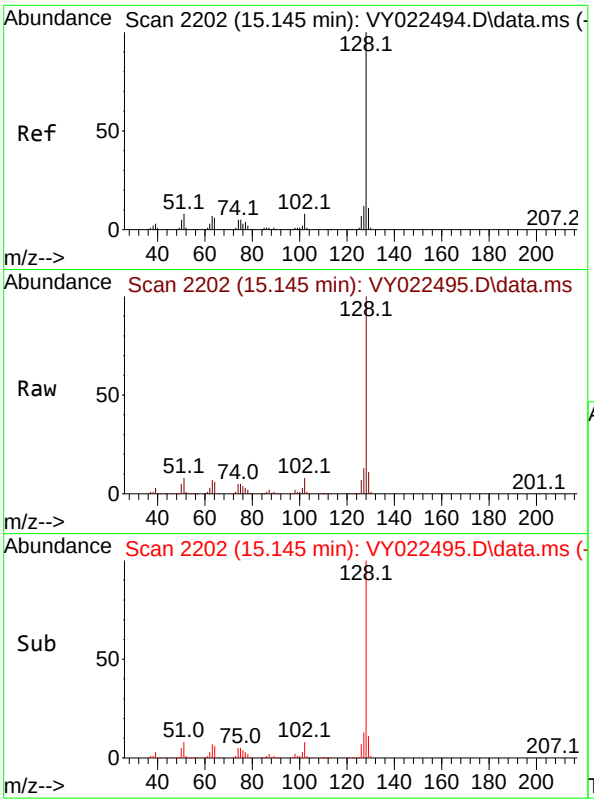


#94
Hexachlorobutadiene
Concen: 100.622 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:225 Resp: 132452

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.5	97.4
227	64.6	32.3	96.9



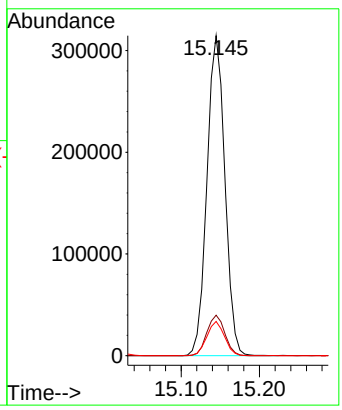


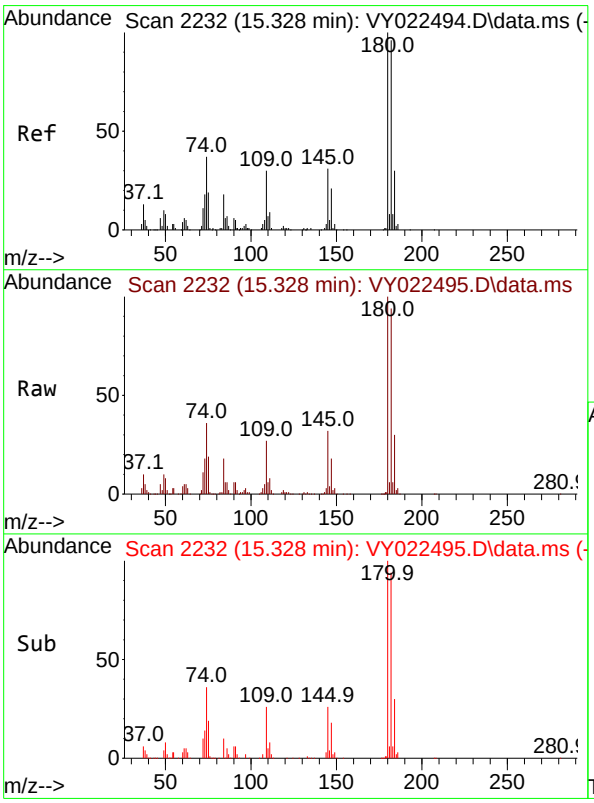
#95
Naphthalene
Concen: 108.155 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 499554

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.6	8.9	13.3

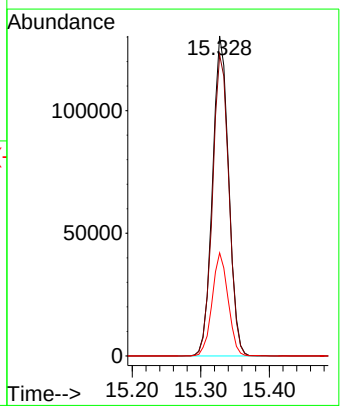




#96
1,2,3-Trichlorobenzene
Concen: 104.136 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:180 Resp: 213300

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	31.7	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	225293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	367991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	150326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	377706	154.078	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 308.160%#			
35) Dibromofluoromethane	7.634	113	348038	160.661	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 321.320%#			
50) Toluene-d8	10.109	98	1432587	163.617	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 327.240%#			
62) 4-Bromofluorobenzene	12.408	95	426573	160.684	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 321.360%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	273817	139.086	ug/l	96
3) Chloromethane	2.068	50	800733	137.873	ug/l	99
4) Vinyl Chloride	2.202	62	967746	142.366	ug/l	99
5) Bromomethane	2.586	94	970833	150.991	ug/l	99
6) Chloroethane	2.733	64	651603	140.013	ug/l	95
7) Trichlorofluoromethane	3.050	101	885391	153.303	ug/l	98
8) Diethyl Ether	3.458	74	191391	150.036	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	360800	148.929	ug/l	100
10) Methyl Iodide	4.007	142	416014	160.129	ug/l	100
11) Tert butyl alcohol	4.879	59	128018	731.071	ug/l	100
12) 1,1-Dichloroethene	3.793	96	353193	152.730	ug/l	98
13) Acrolein	3.653	56	156417	731.778	ug/l	100
14) Allyl chloride	4.385	41	551896	153.152	ug/l	100
15) Acrylonitrile	5.061	53	406745	749.634	ug/l	99
16) Acetone	3.879	43	311886	643.577	ug/l	95
17) Carbon Disulfide	4.104	76	1126077	152.513	ug/l	99
18) Methyl Acetate	4.391	43	203507	139.589	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	988071	153.134	ug/l	99
20) Methylene Chloride	4.616	84	371818	137.416	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	399937	154.808	ug/l	99
22) Diisopropyl ether	6.025	45	1244804	155.346	ug/l	99
23) Vinyl Acetate	5.964	43	3806024	800.629	ug/l	100
24) 1,1-Dichloroethane	5.921	63	730276	154.173	ug/l	100
25) 2-Butanone	6.896	43	530692	742.386	ug/l	99
26) 2,2-Dichloropropane	6.890	77	664024	157.698	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	466804	156.334	ug/l	98
28) Bromochloromethane	7.250	49	320509	156.605	ug/l	100
29) Tetrahydrofuran	7.268	42	342435	742.566	ug/l	100
30) Chloroform	7.421	83	717477	153.285	ug/l	94
31) Cyclohexane	7.701	56	667836	140.095	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	660456	157.892	ug/l	99
36) 1,1-Dichloropropene	7.841	75	562935	160.756	ug/l	100
37) Ethyl Acetate	6.988	43	238966	155.059	ug/l	98
38) Carbon Tetrachloride	7.823	117	593167	164.311	ug/l	99
39) Methylcyclohexane	9.109	83	770382	162.851	ug/l	100
40) Benzene	8.085	78	1675603	162.332	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	136495	137.523	ug/l		98
42) 1,2-Dichloroethane	8.158	62	442216	157.491	ug/l		98
43) Isopropyl Acetate	8.201	43	522842	155.250	ug/l		98
44) Trichloroethene	8.866	130	394832	156.583	ug/l		97
45) 1,2-Dichloropropane	9.140	63	385206	156.539	ug/l		99
46) Dibromomethane	9.231	93	218014	158.140	ug/l		100
47) Bromodichloromethane	9.426	83	560425	160.221	ug/l		97
48) Methyl methacrylate	9.225	41	252724	163.897	ug/l		99
49) 1,4-Dioxane	9.231	88	50874	3093.301	ug/l		95
51) 4-Methyl-2-Pentanone	10.000	43	1358512	812.744	ug/l		98
52) Toluene	10.170	92	1093200	168.447	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	537922	166.237	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	615667	162.259	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	274460	158.086	ug/l		97
56) Ethyl methacrylate	10.438	69	423233	167.865	ug/l		99
57) 1,3-Dichloropropane	10.719	76	488570	158.010	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	1000760	890.345	ug/l		100
59) 2-Hexanone	10.762	43	896627	804.699	ug/l		100
60) Dibromochloromethane	10.914	129	356873	162.227	ug/l		100
61) 1,2-Dibromoethane	11.018	107	254128	158.625	ug/l		96
64) Tetrachloroethene	10.646	164	406758	152.453	ug/l		98
65) Chlorobenzene	11.444	112	1113347	163.544	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	395046	171.190	ug/l		99
67) Ethyl Benzene	11.518	91	2196819	173.285	ug/l		100
68) m/p-Xylenes	11.627	106	1694177	353.103	ug/l		100
69) o-Xylene	11.957	106	777688	173.188	ug/l		99
70) Styrene	11.969	104	1334986	179.564	ug/l		99
71) Bromoform	12.133	173	201469	166.138	ug/l	#	99
73) Isopropylbenzene	12.255	105	2011262	166.060	ug/l		100
74) N-amyl acetate	12.072	43	508301	165.957	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	310641	157.927	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	444562	224.014	ug/l	#	100
77) Bromobenzene	12.530	156	417122	162.489	ug/l		100
78) n-propylbenzene	12.597	91	2416013	163.876	ug/l		98
79) 2-Chlorotoluene	12.682	91	1275581	163.862	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	1576906	166.511	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	111432	160.989	ug/l		96
82) 4-Chlorotoluene	12.780	91	1334965	165.467	ug/l		99
83) tert-Butylbenzene	12.999	119	1434641	166.064	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	1623289	171.323	ug/l		99
85) sec-Butylbenzene	13.176	105	2140445	163.415	ug/l		100
86) p-Isopropyltoluene	13.292	119	1877539	174.353	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	885058	172.326	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	803022	160.470	ug/l		99
89) n-Butylbenzene	13.615	91	1691118	164.939	ug/l		99
90) Hexachloroethane	13.877	117	338845	160.801	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	705129	159.809	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	44514	149.709	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	390170	161.773	ug/l		97
94) Hexachlorobutadiene	15.023	225	199423	151.389	ug/l		98
95) Naphthalene	15.145	128	753279	162.970	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	321960	157.072	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

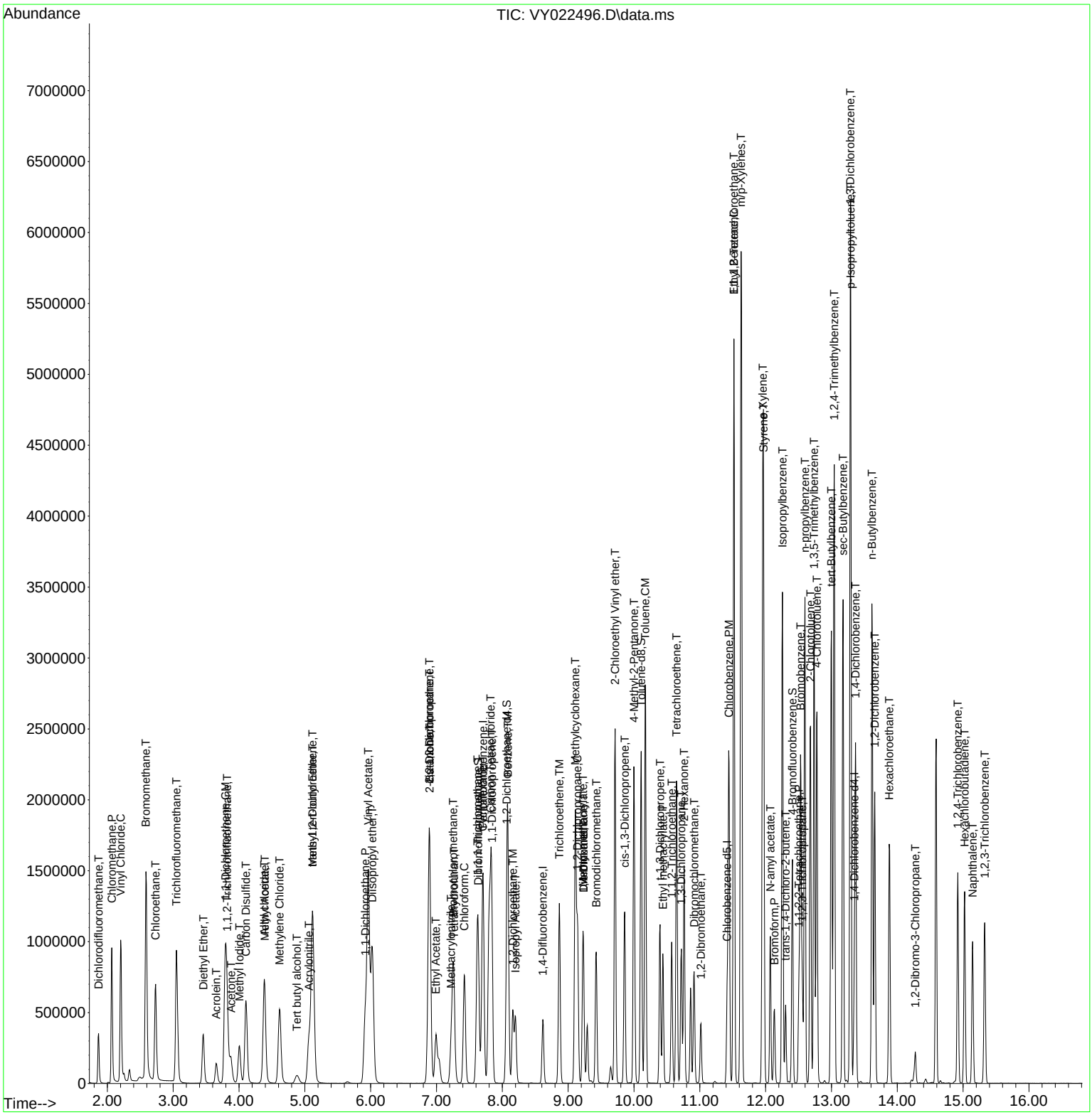
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

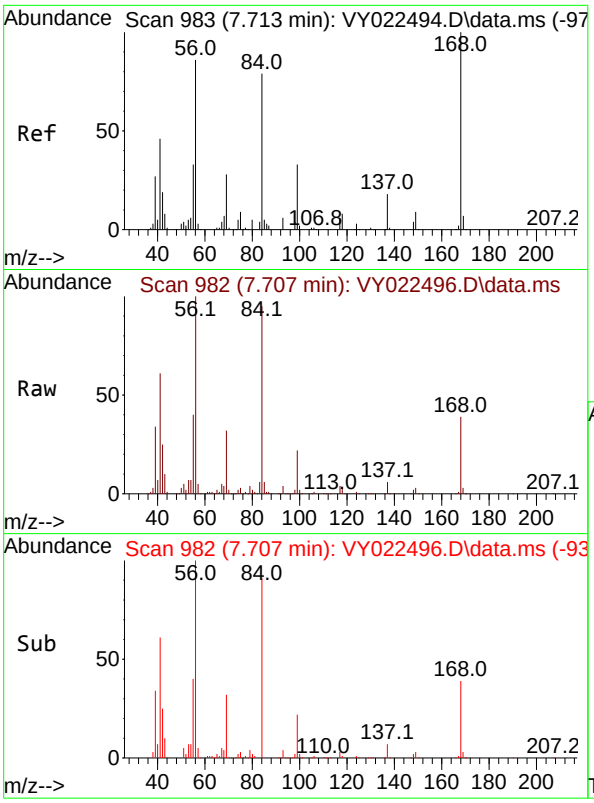
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



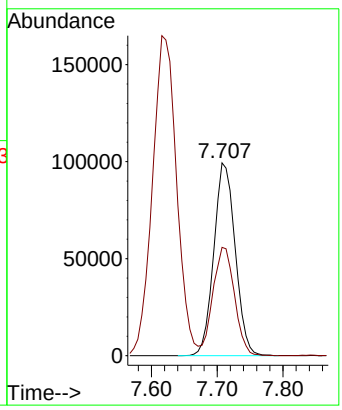


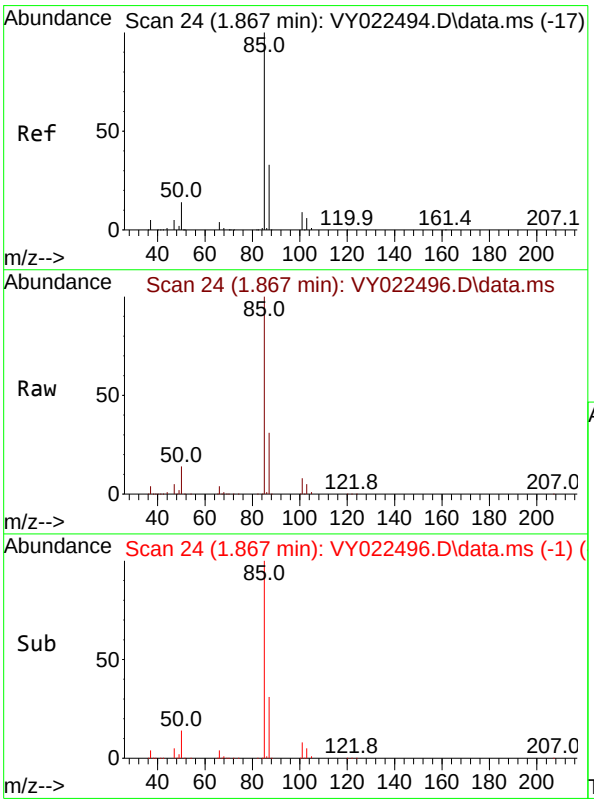
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 225293

Ion	Ratio	Lower	Upper
168	100		
99	56.1	44.3	66.5

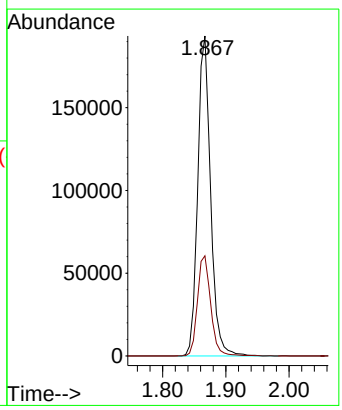


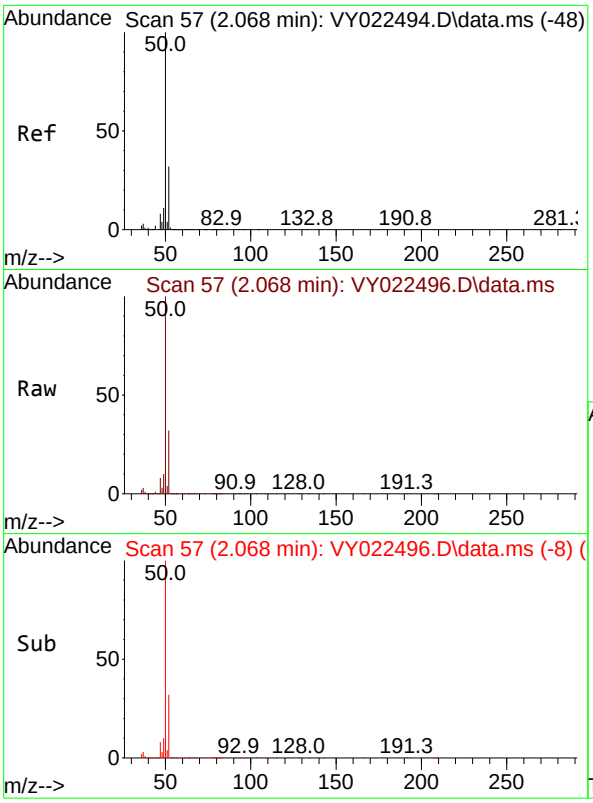


#2
Dichlorodifluoromethane
Concen: 139.086 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 85 Resp: 273817

Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.7	50.0



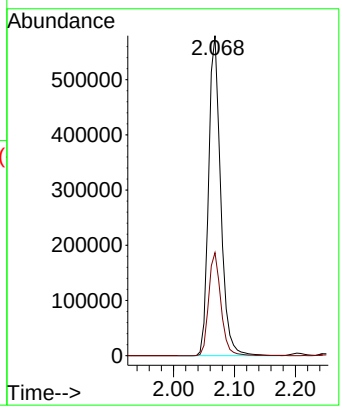


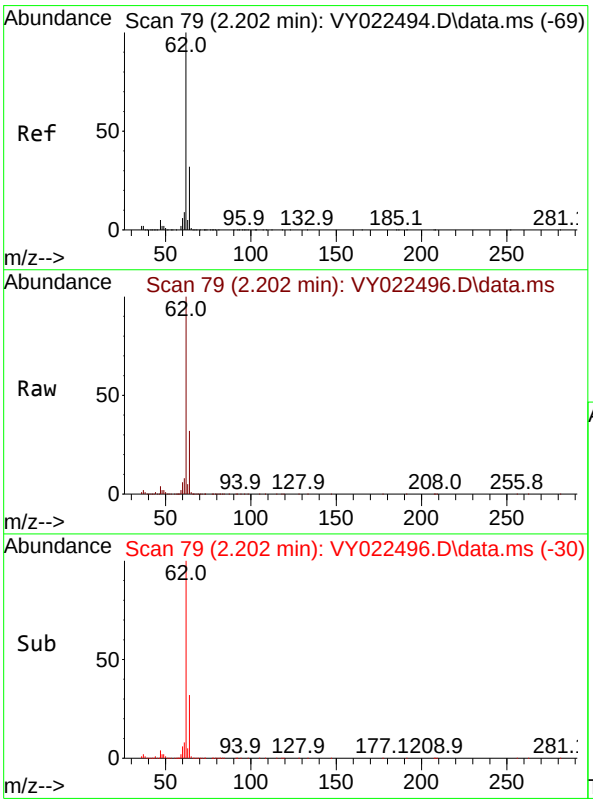
#3
Chloromethane
Concen: 137.873 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 800733

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.0	39.0

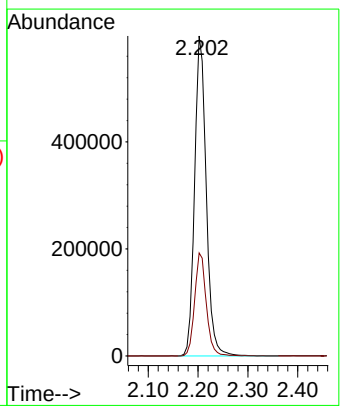


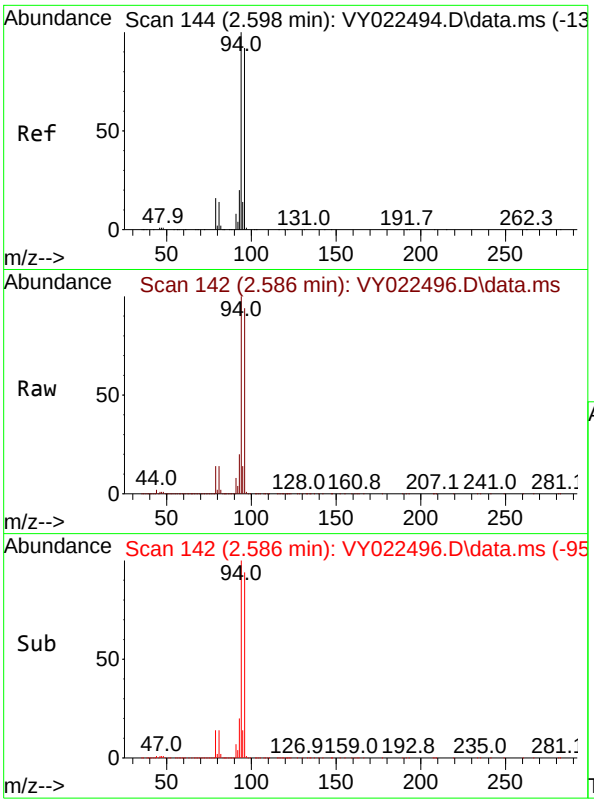


#4
Vinyl Chloride
Concen: 142.366 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 62 Resp: 967746

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.3	37.9



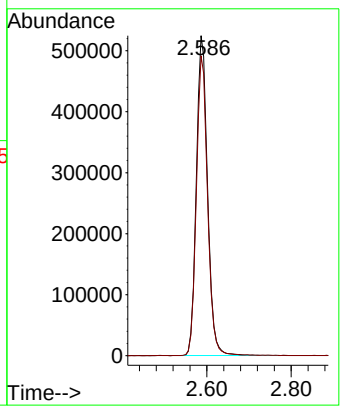


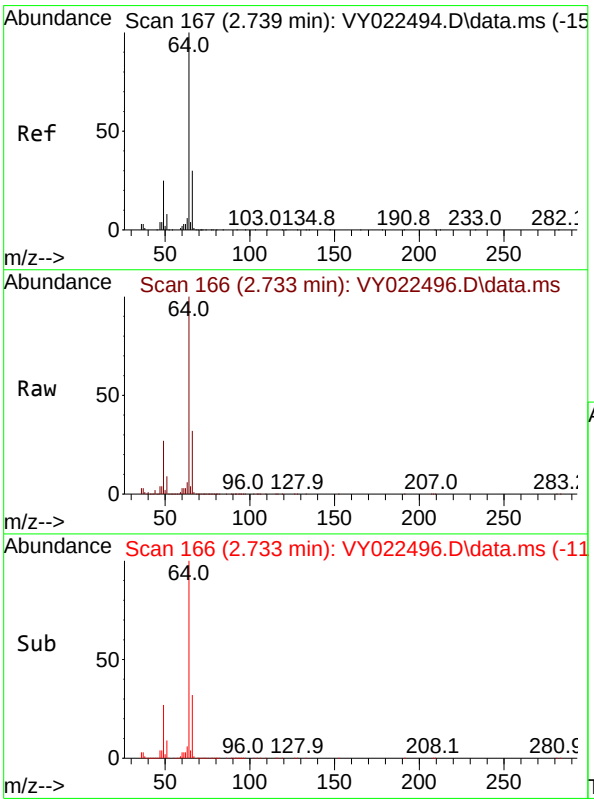
#5
Bromomethane
Concen: 150.991 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 970833

Ion	Ratio	Lower	Upper
94	100		
96	93.7	74.0	111.0

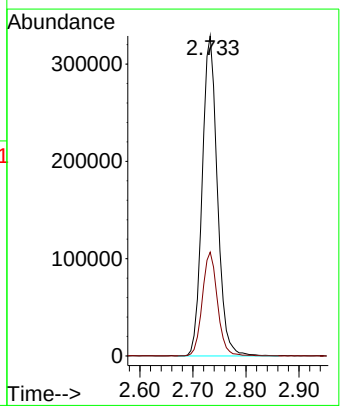


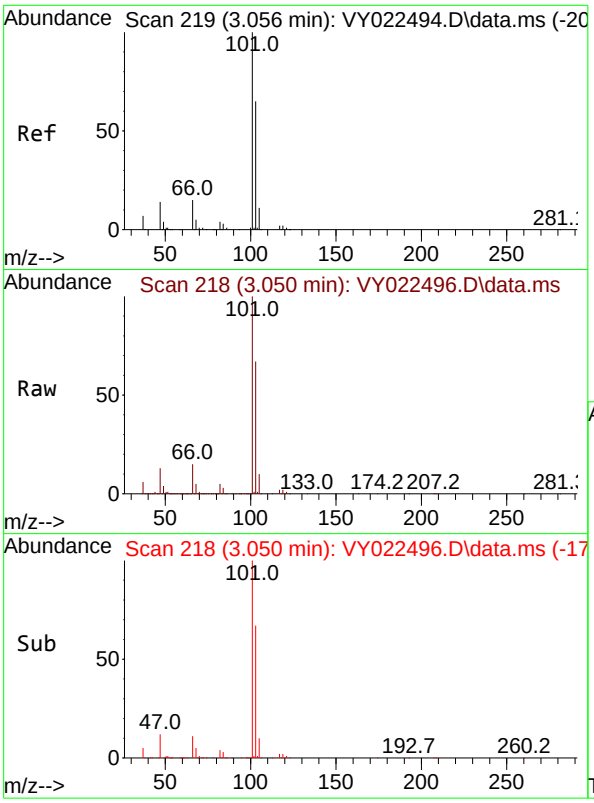


#6
Chloroethane
Concen: 140.013 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 64 Resp: 651603

Ion	Ratio	Lower	Upper
64	100		
66	32.4	23.8	35.6



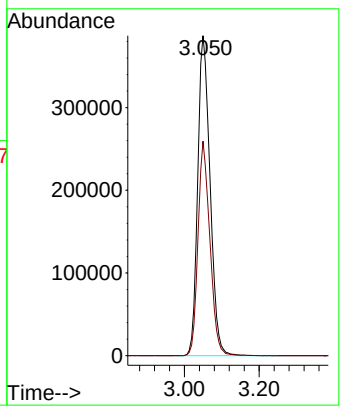


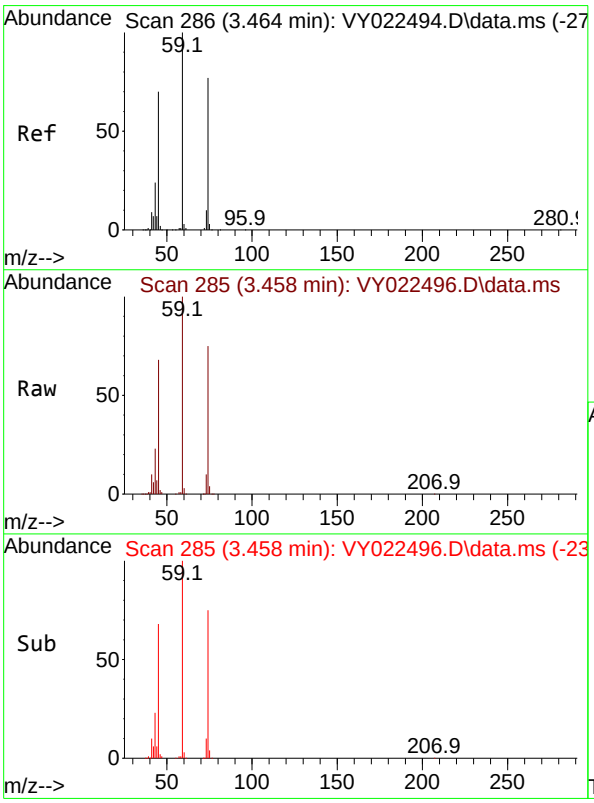
#7
Trichlorofluoromethane
Concen: 153.303 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 885391

Ion	Ratio	Lower	Upper
101	100		
103	67.0	52.2	78.2

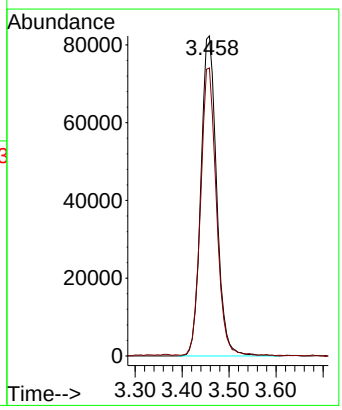


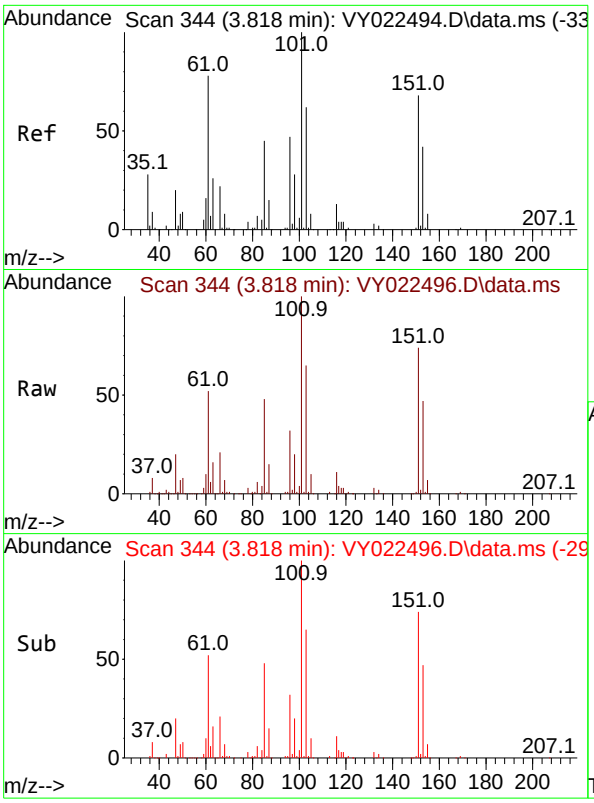


#8
Diethyl Ether
Concen: 150.036 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 74 Resp: 191391

Ion	Ratio	Lower	Upper
74	100		
45	89.8	45.9	137.6



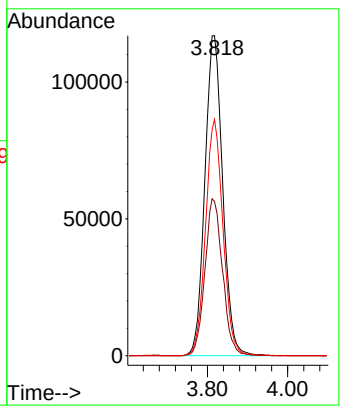


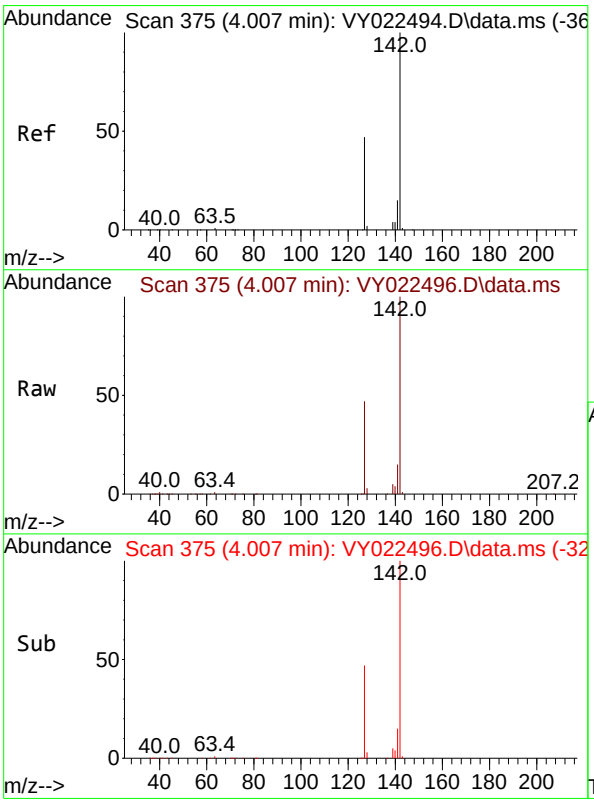
#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.929 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 360800

Ion	Ratio	Lower	Upper
101	100		
85	48.7	39.3	58.9
151	72.4	57.8	86.8

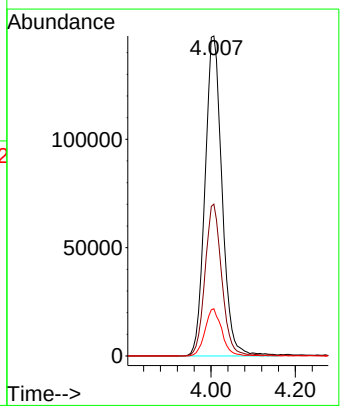


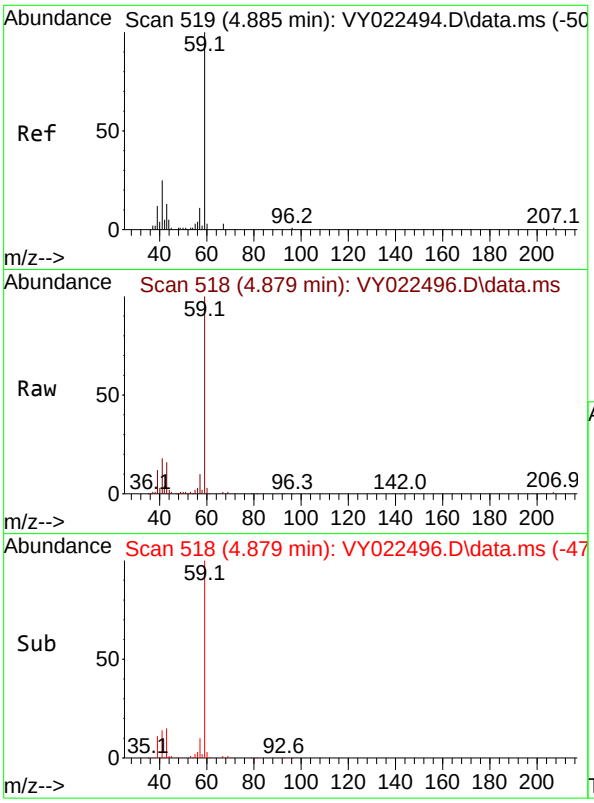


#10
Methyl Iodide
Concen: 160.129 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:142 Resp: 416014

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.1	55.7
141	14.6	11.4	17.2



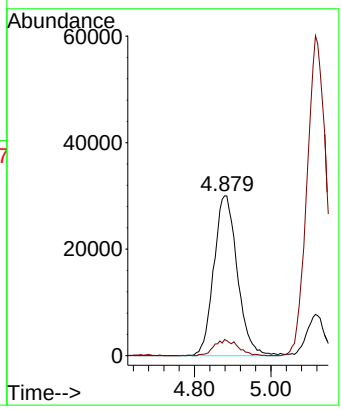


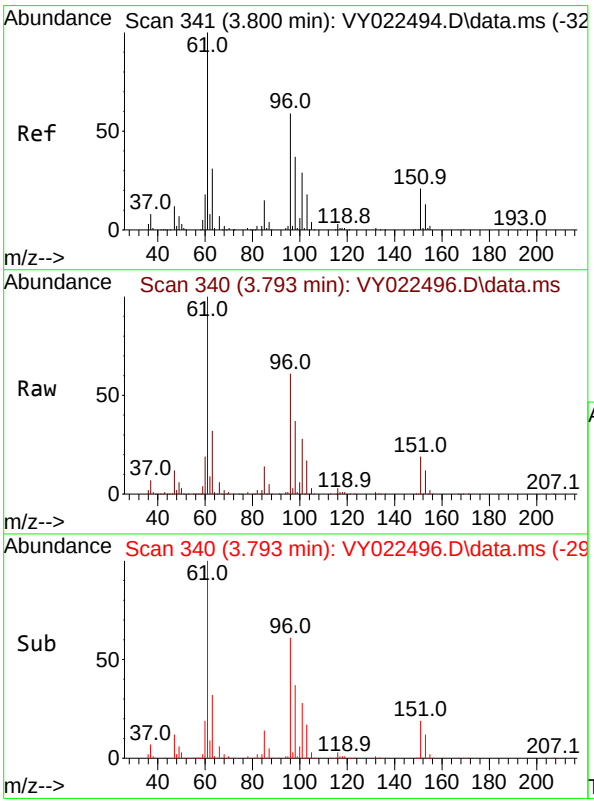
#11
Tert butyl alcohol
Concen: 731.071 ug/l
RT: 4.879 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 128018

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

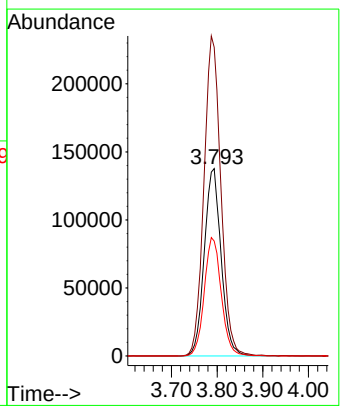


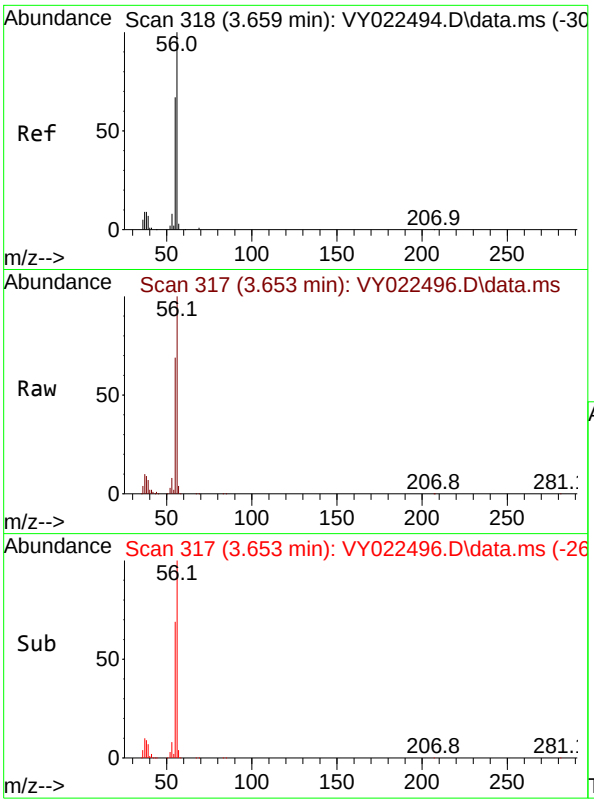


#12
1,1-Dichloroethene
Concen: 152.730 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 96 Resp: 353193

Ion	Ratio	Lower	Upper
96	100		
61	164.8	134.6	201.8
98	61.3	50.2	75.4



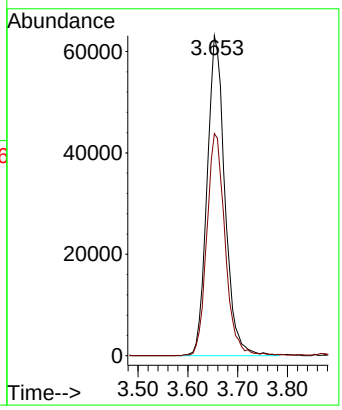


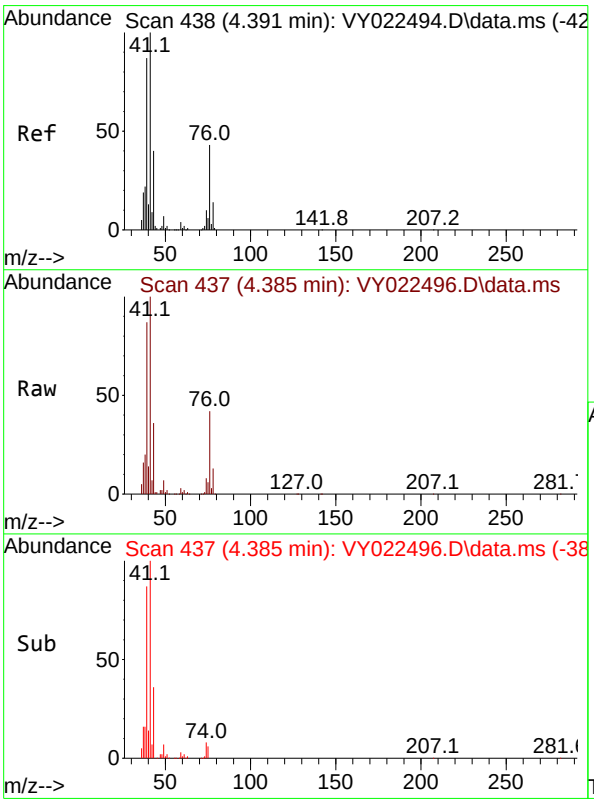
#13
Acrolein
Concen: 731.778 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 156417

Ion	Ratio	Lower	Upper
56	100		
55	70.9	57.0	85.6

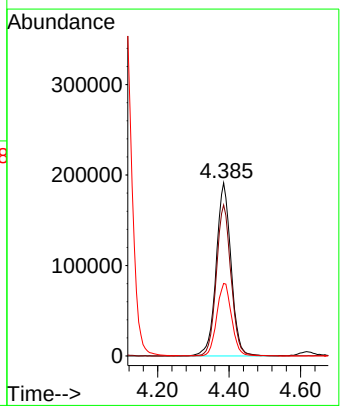


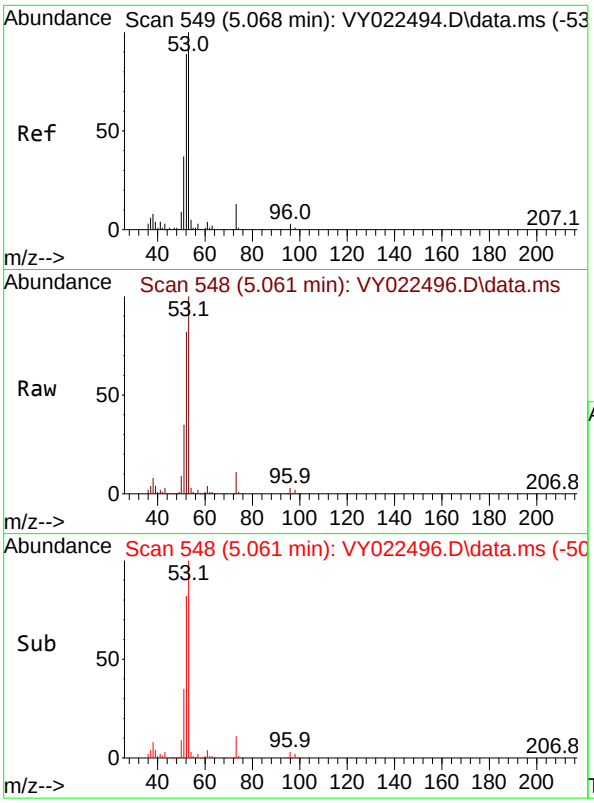


#14
Allyl chloride
Concen: 153.152 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 41 Resp: 551896

Ion	Ratio	Lower	Upper
41	100		
39	86.2	69.1	103.7
76	41.5	33.5	50.3



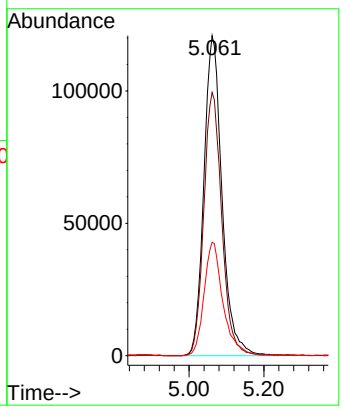


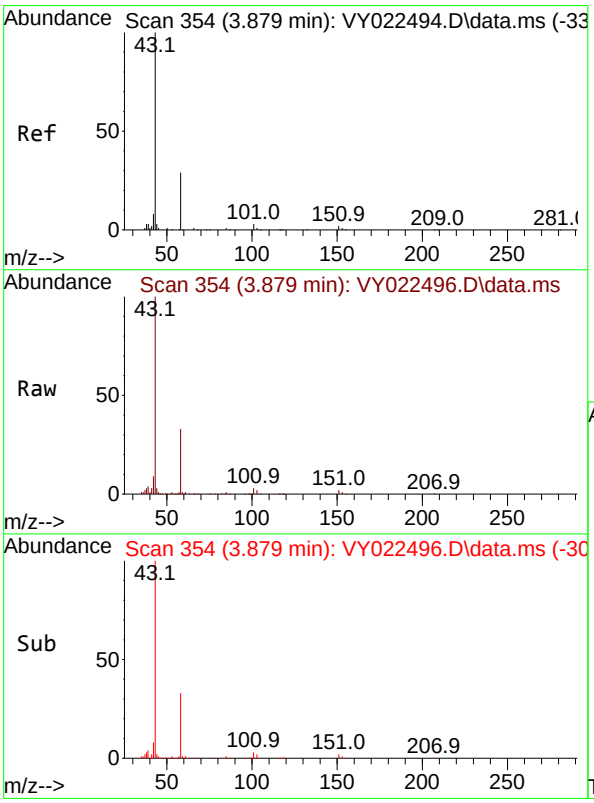
#15
Acrylonitrile
Concen: 749.634 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 406745

Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.7	98.5
51	37.1	30.1	45.1

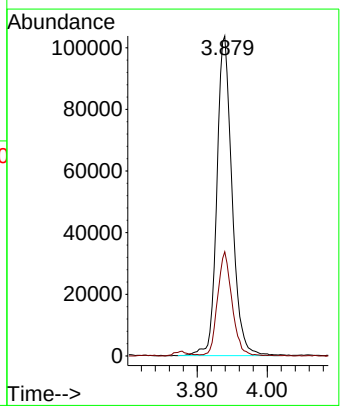


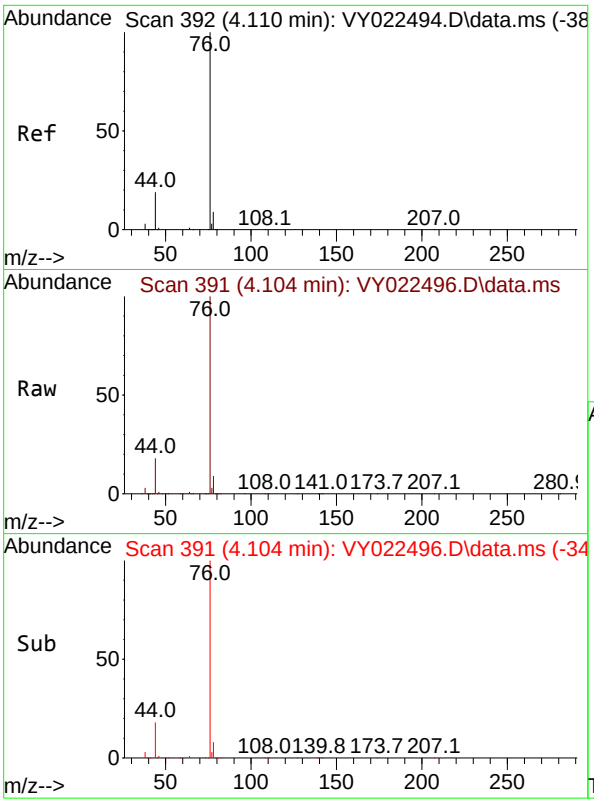


#16
Acetone
Concen: 643.577 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 311886

Ion	Ratio	Lower	Upper
43	100		
58	32.5	24.0	36.0



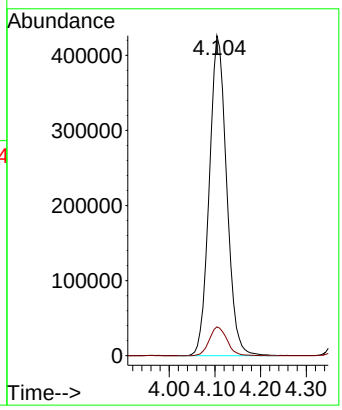


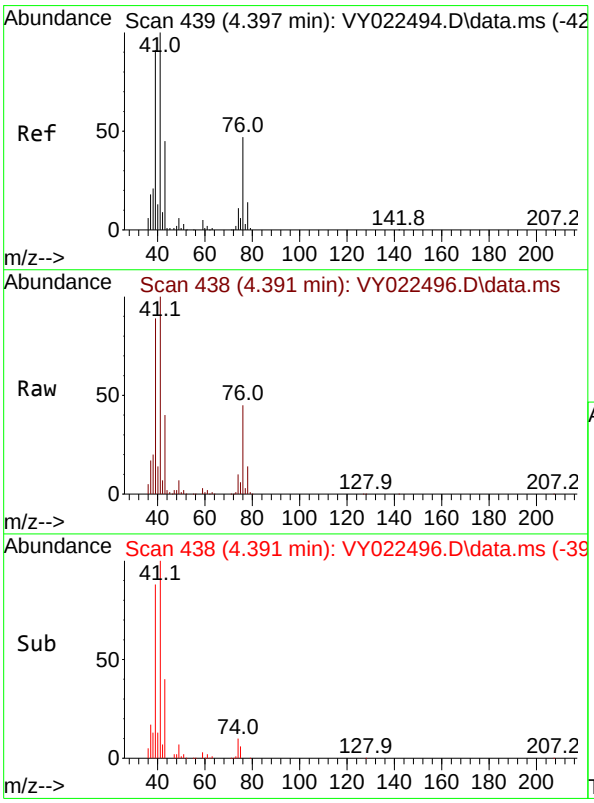
#17
Carbon Disulfide
Concen: 152.513 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 1126077

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

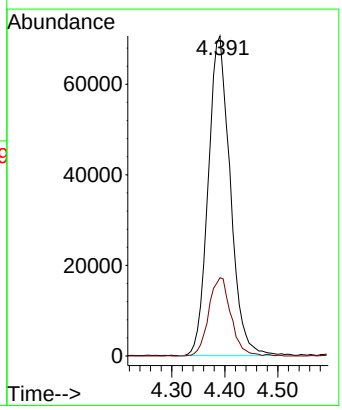


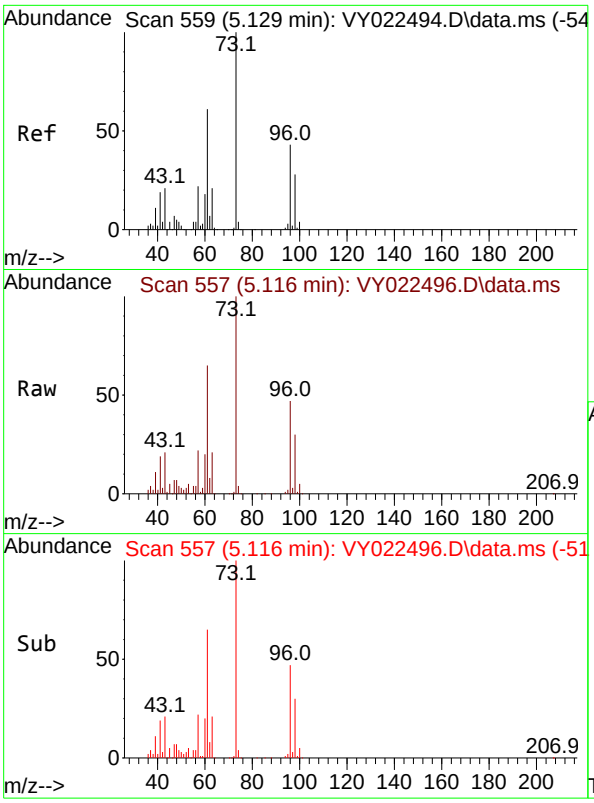


#18
Methyl Acetate
Concen: 139.589 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 203507

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.6



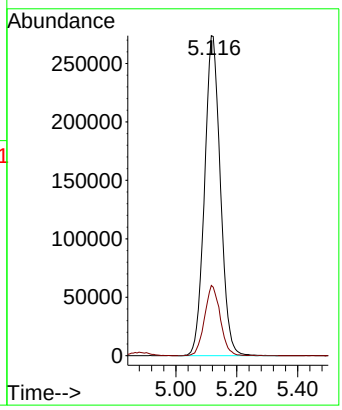


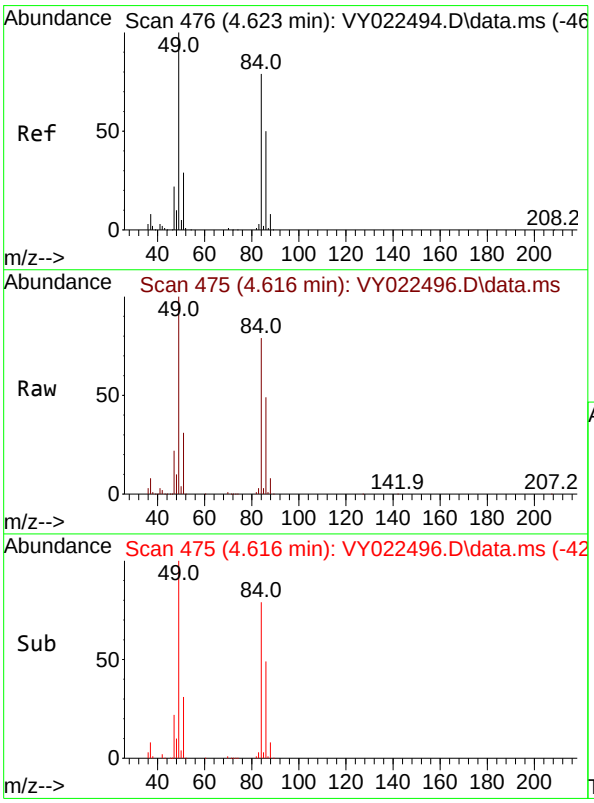
#19
Methyl tert-butyl Ether
Concen: 153.134 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 988071

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.0

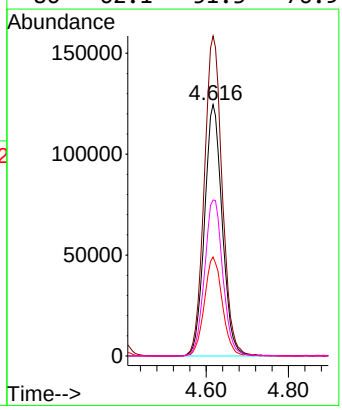


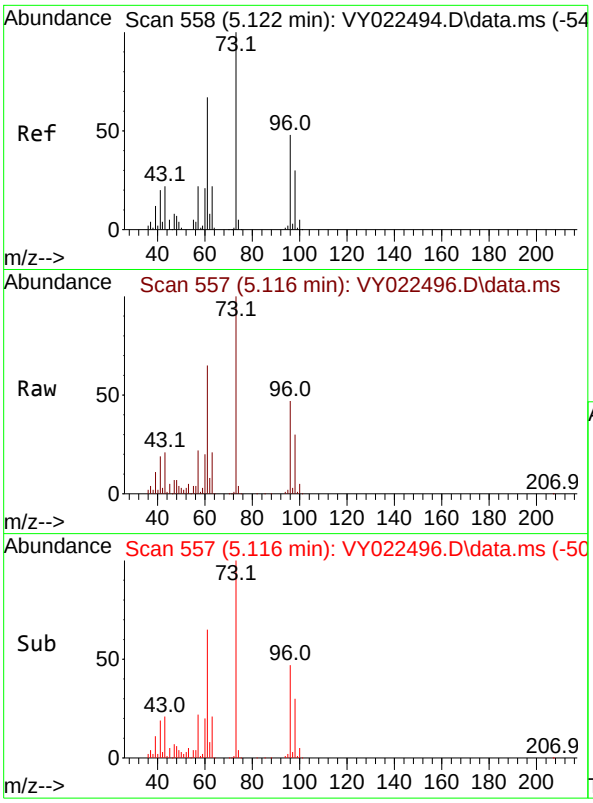


#20
Methylene Chloride
Concen: 137.416 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 84 Resp: 371818

Ion	Ratio	Lower	Upper
84	100		
49	127.3	101.9	152.9
51	39.4	29.8	44.8
86	62.1	51.3	76.9



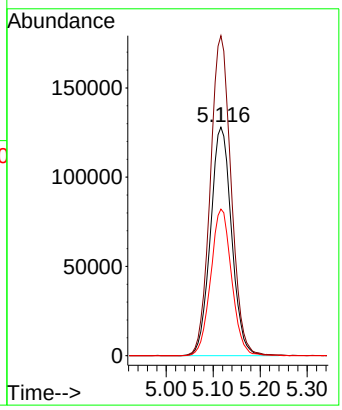


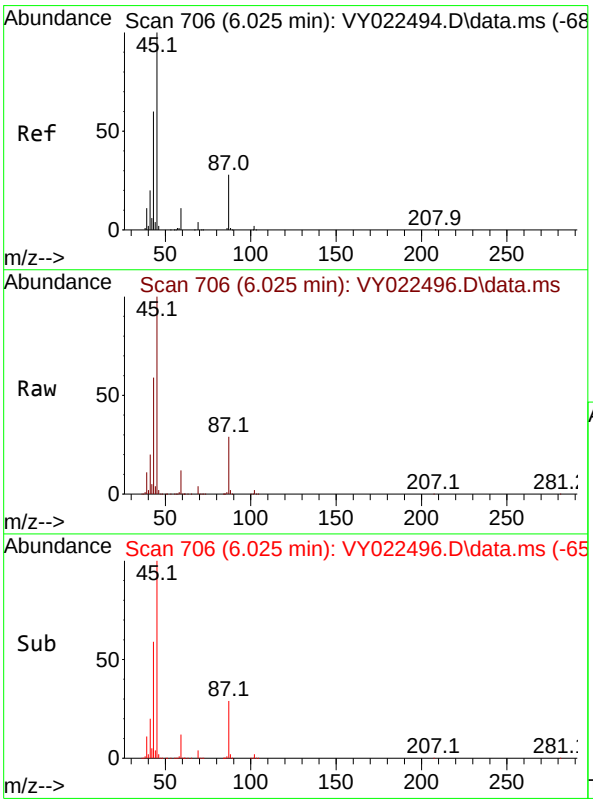
#21
trans-1,2-Dichloroethene
Concen: 154.808 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 399937

Ion	Ratio	Lower	Upper
96	100		
61	140.1	112.6	169.0
98	64.1	50.6	75.8

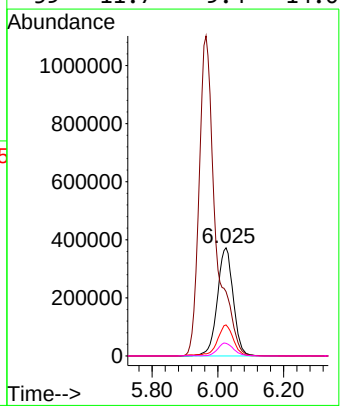


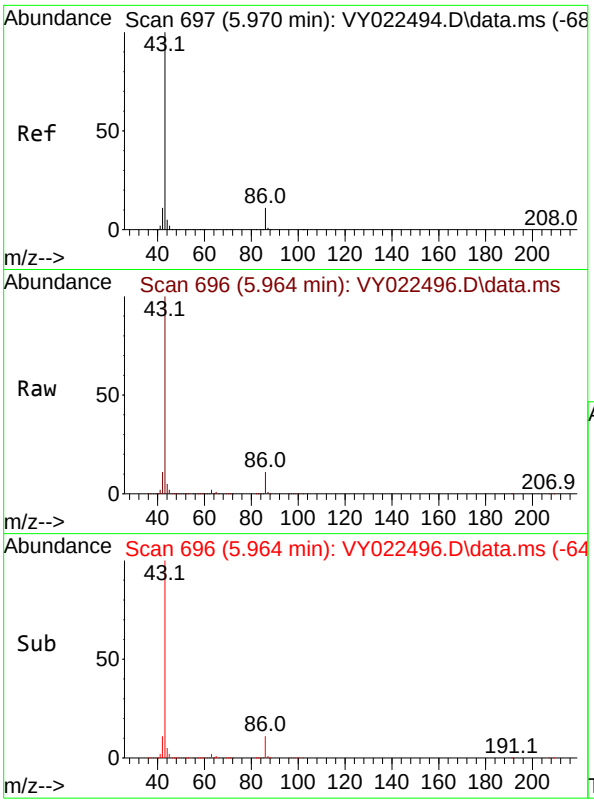


#22
Diisopropyl ether
Concen: 155.346 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 45 Resp: 1244804

Ion	Ratio	Lower	Upper
45	100		
43	59.5	48.3	72.5
87	28.6	23.0	34.6
59	11.7	9.4	14.0



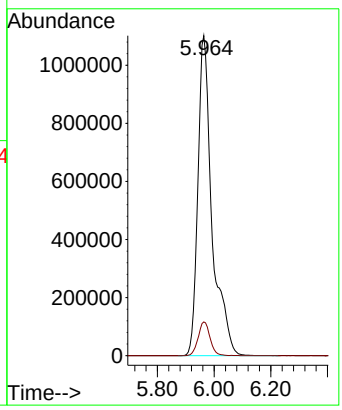


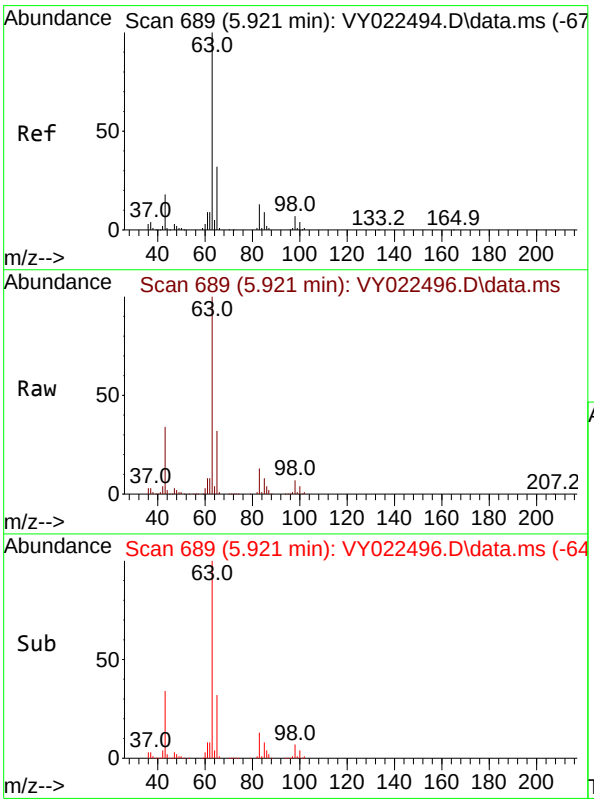
#23
Vinyl Acetate
Concen: 800.629 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 3806024

Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.6	12.8

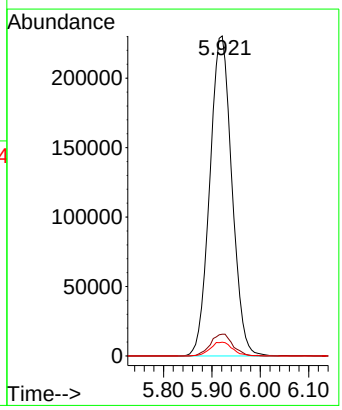


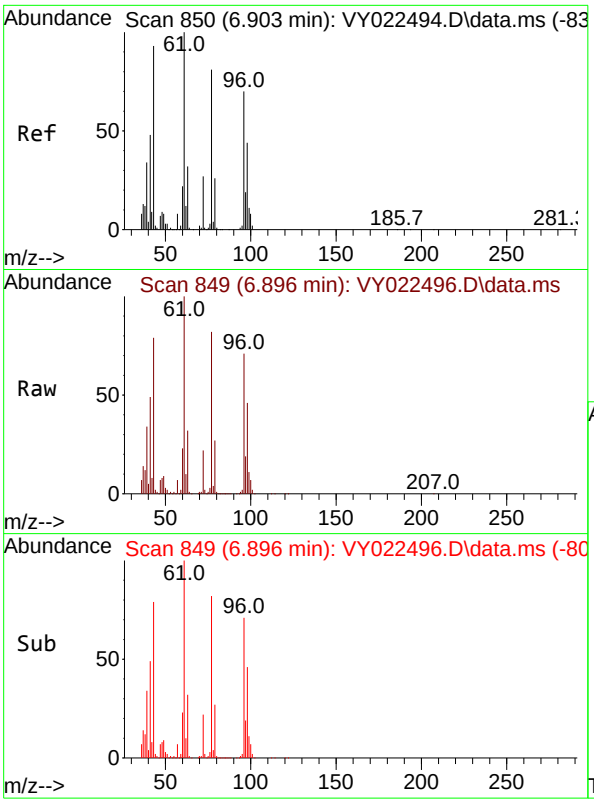


#24
1,1-Dichloroethane
Concen: 154.173 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 63 Resp: 730276

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.1
100	4.3	2.1	6.3



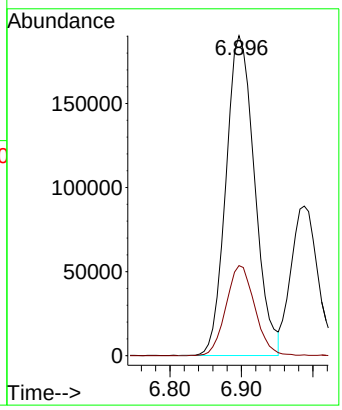


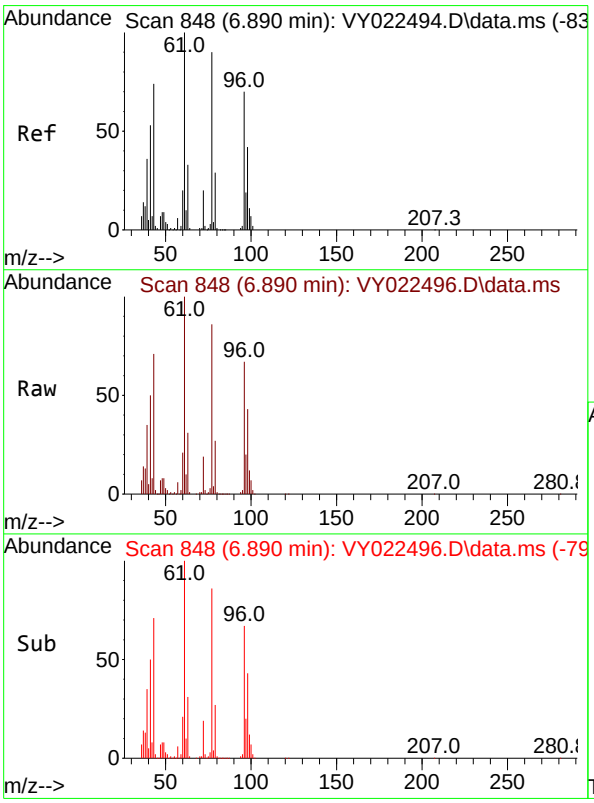
#25
2-Butanone
Concen: 742.386 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 530692

Ion	Ratio	Lower	Upper
43	100		
72	28.2	22.9	34.3

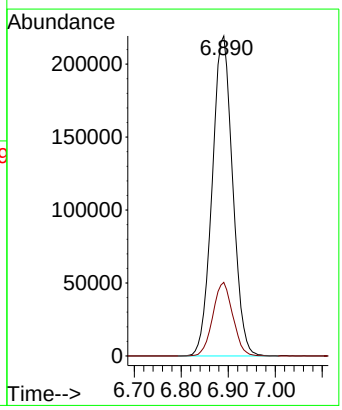


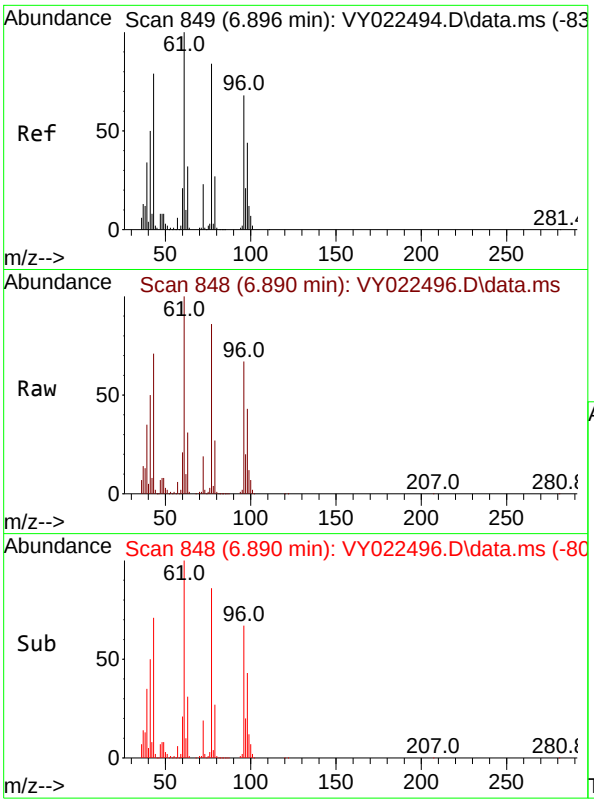


#26
2,2-Dichloropropane
Concen: 157.698 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 77 Resp: 664024

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.2



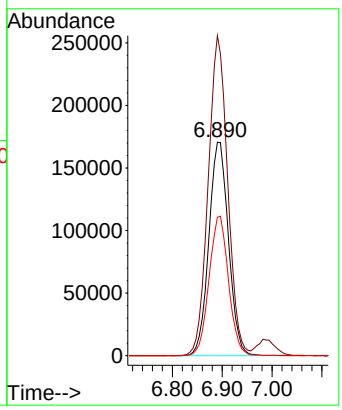


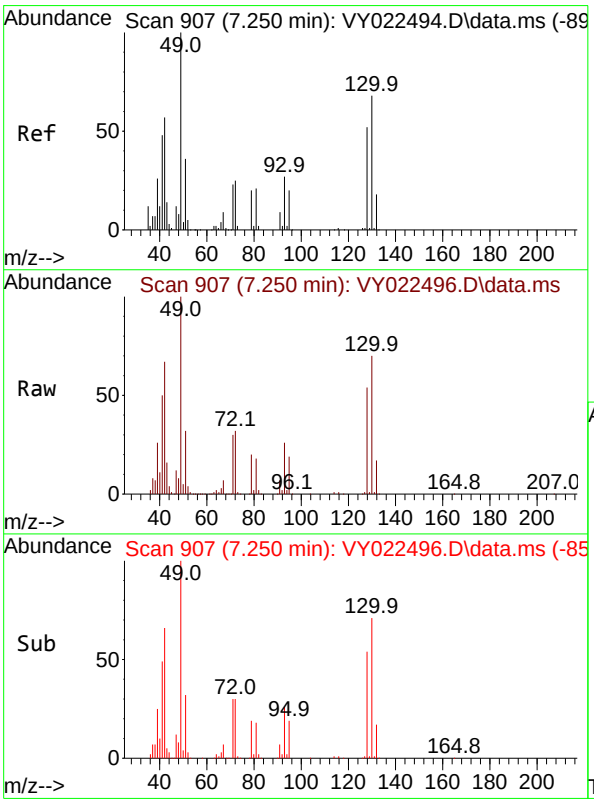
#27
cis-1,2-Dichloroethene
Concen: 156.334 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 466804

Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	290.0
98	64.7	0.0	128.4

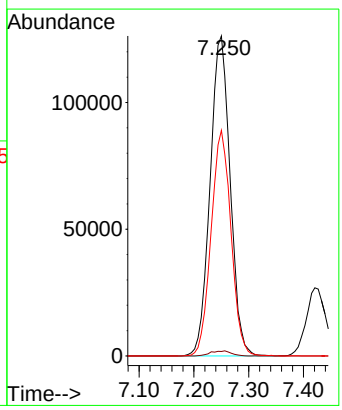


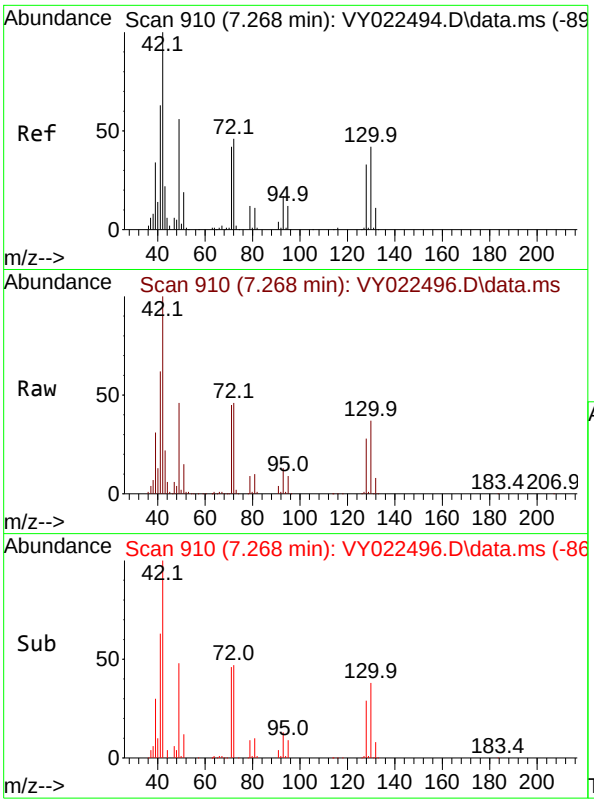


#28
Bromochloromethane
Concen: 156.605 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 49 Resp: 320509

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	69.8	55.7	83.5



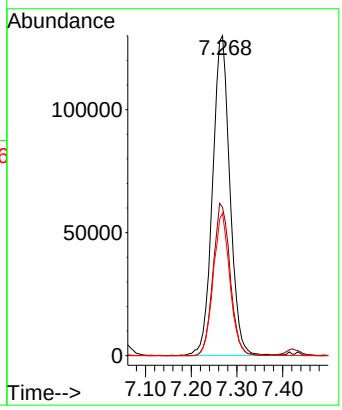


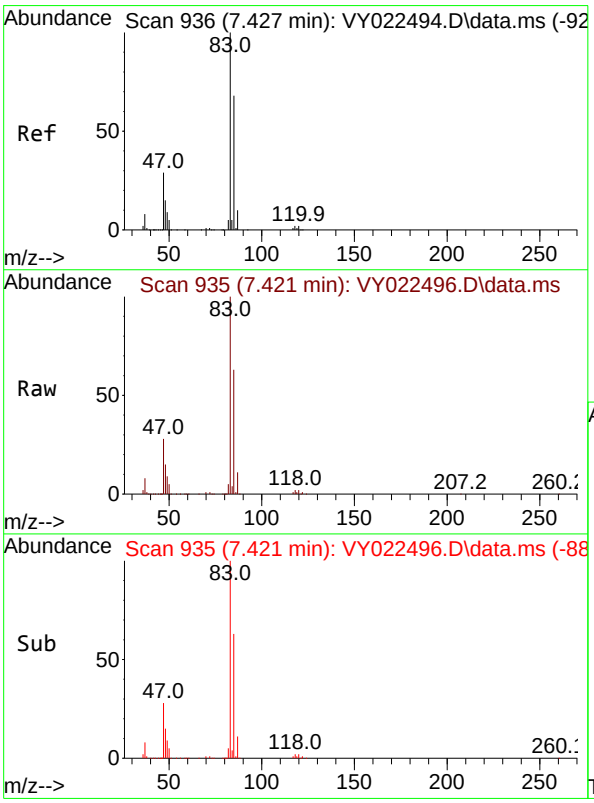
#29
Tetrahydrofuran
Concen: 742.566 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 342435

Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.4	56.2
71	42.9	34.2	51.2

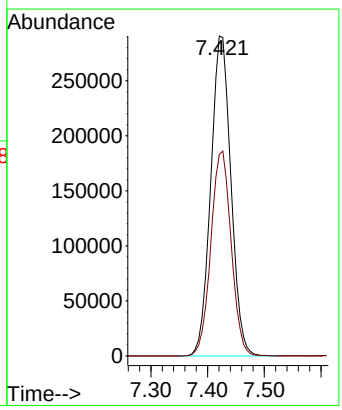


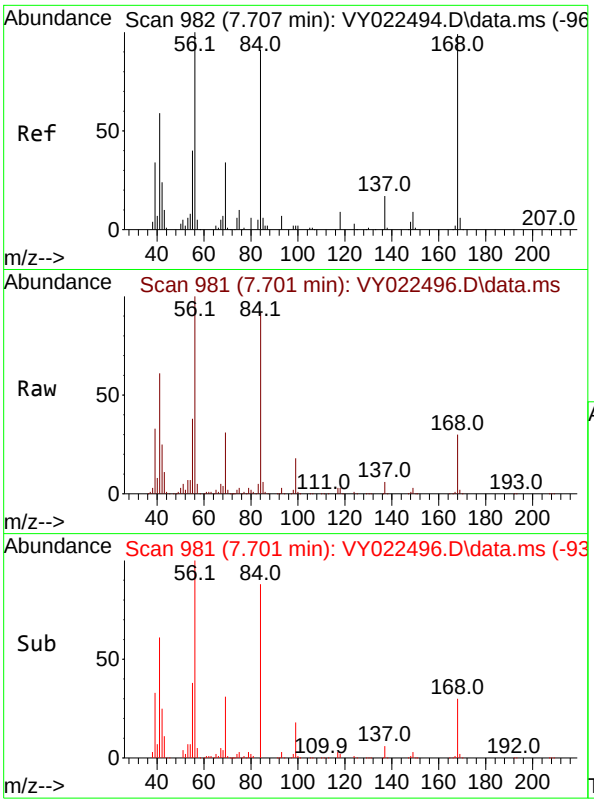


#30
Chloroform
Concen: 153.285 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 83 Resp: 717477

Ion	Ratio	Lower	Upper
83	100		
85	63.0	54.2	81.4



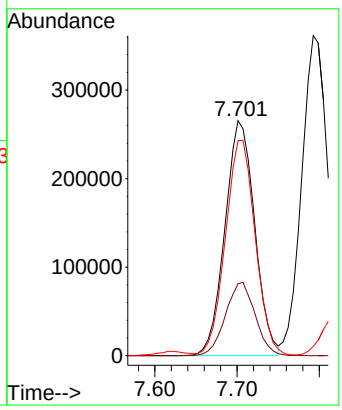


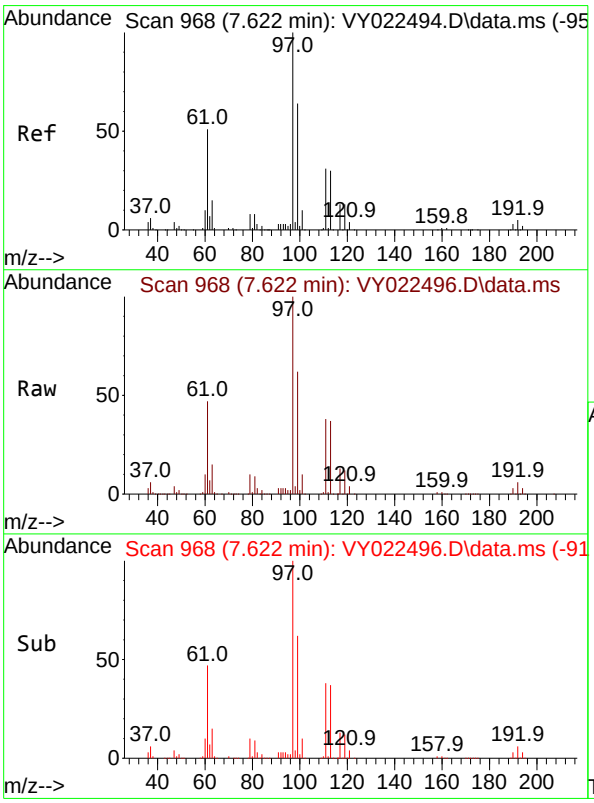
#31
Cyclohexane
Concen: 140.095 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 667836

Ion	Ratio	Lower	Upper
56	100		
69	30.6	27.0	40.6
84	89.9	72.6	109.0

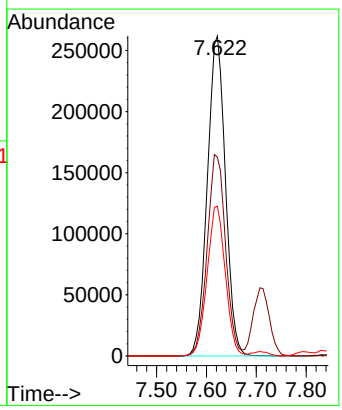


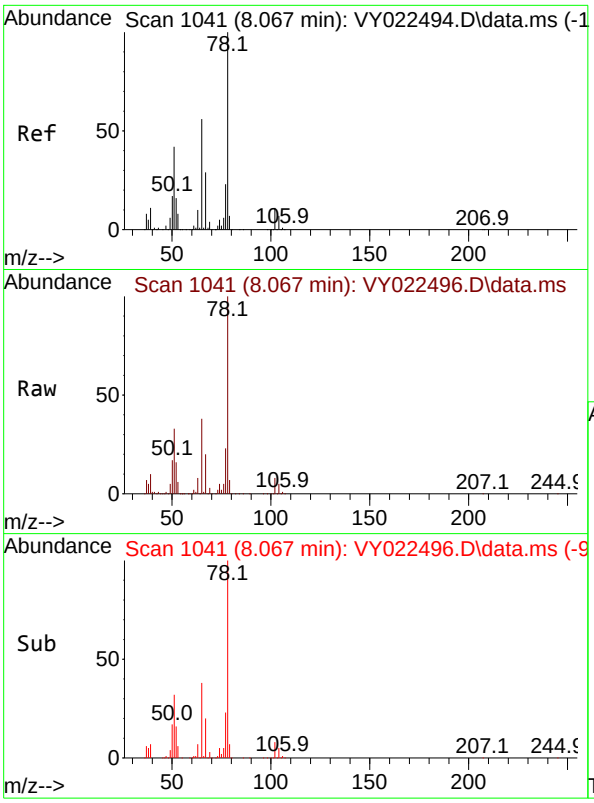


#32
1,1,1-Trichloroethane
Concen: 157.892 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 97 Resp: 660456

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.9	76.3
61	47.2	38.5	57.7



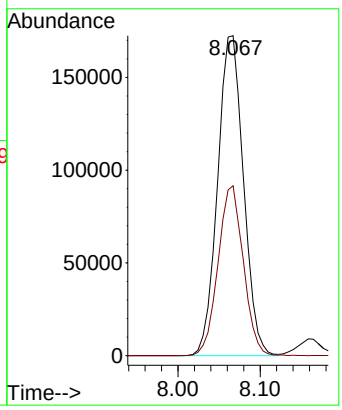


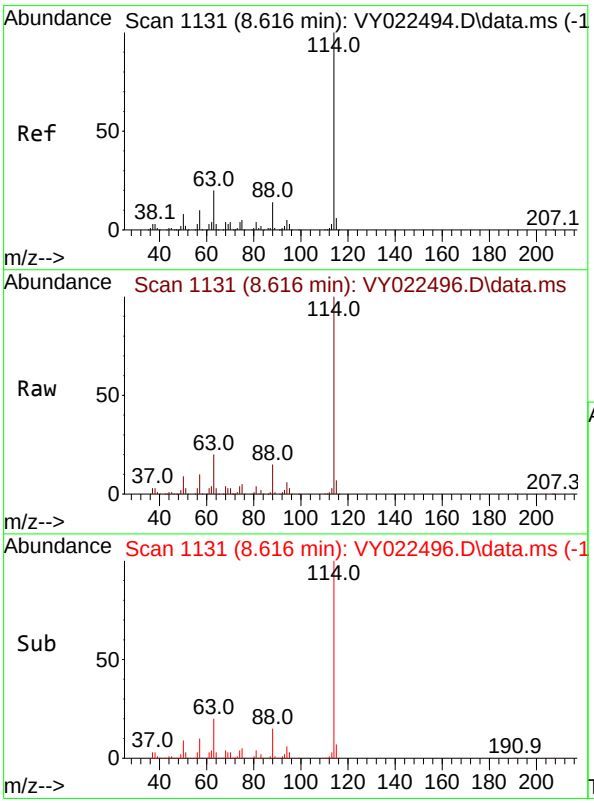
#33
1,2-Dichloroethane-d4
Concen: 154.078 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 377706

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.4

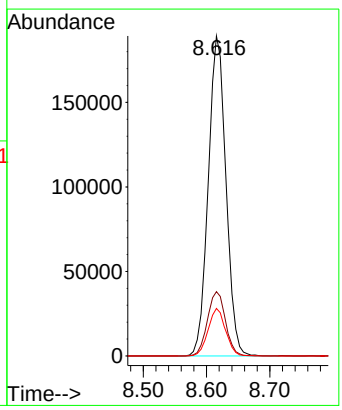


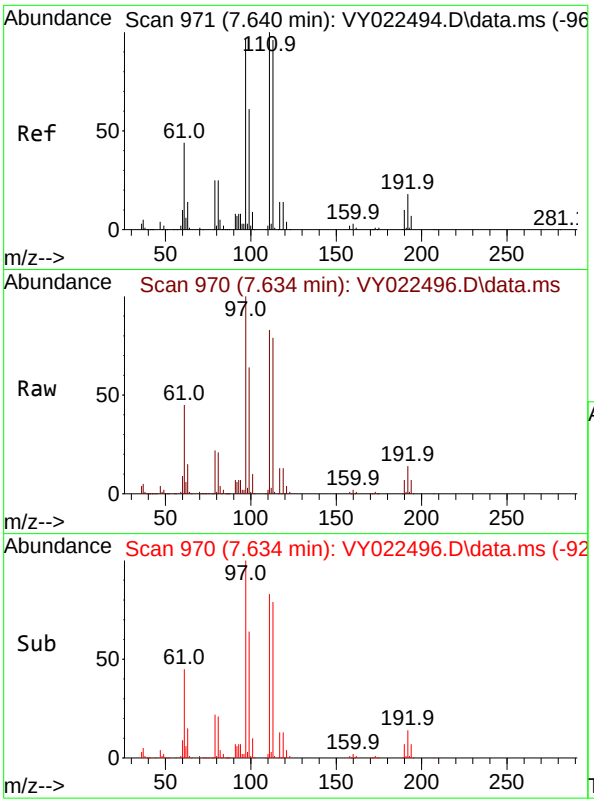


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:114 Resp: 367991

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	14.8	0.0	27.8



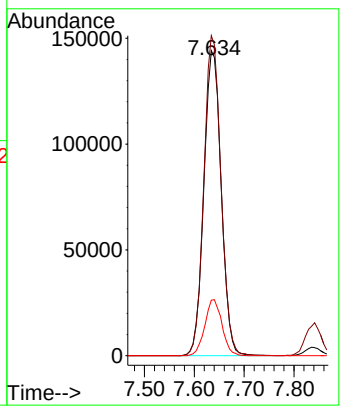


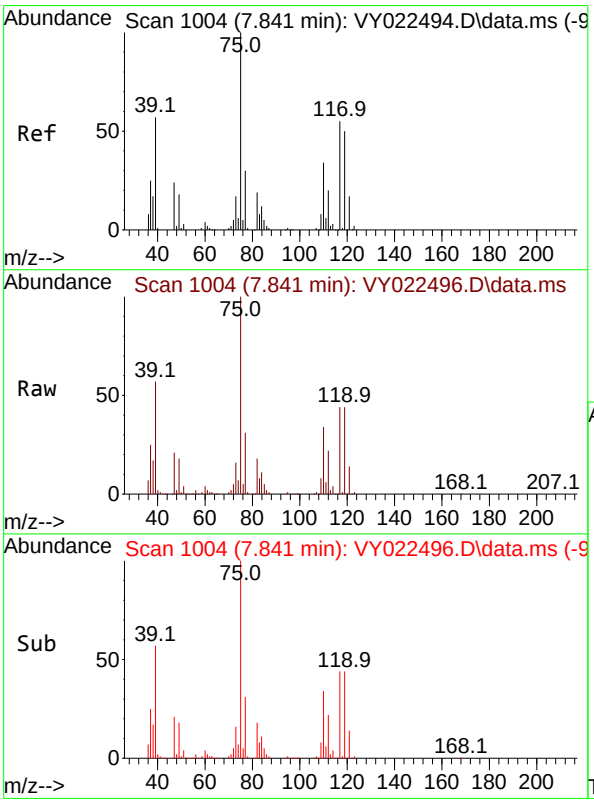
#35
Dibromofluoromethane
Concen: 160.661 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 348038

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.1	121.7
192	18.2	14.2	21.2

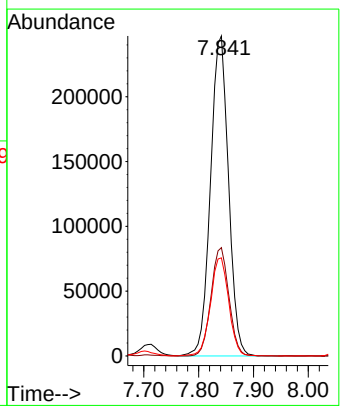


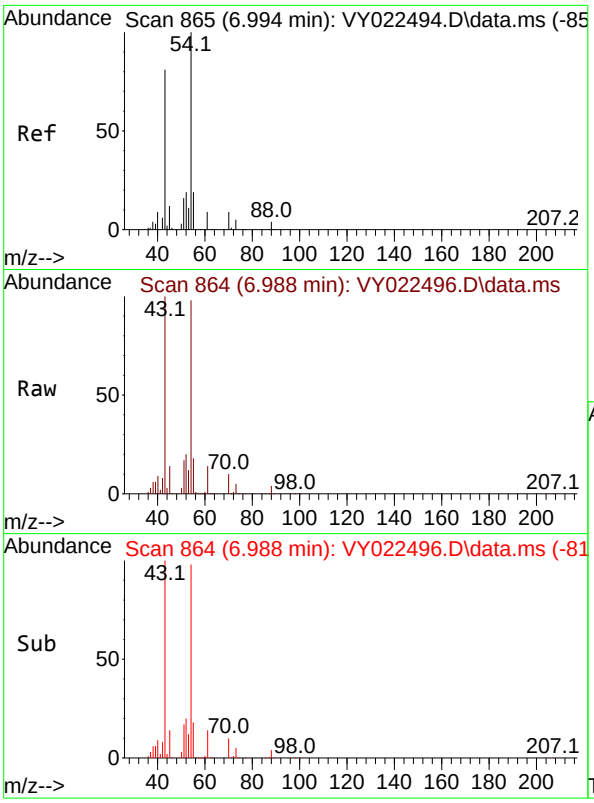


#36
1,1-Dichloropropene
Concen: 160.756 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 562935

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	31.1	24.8	37.2



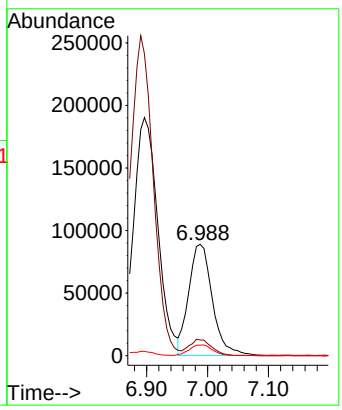


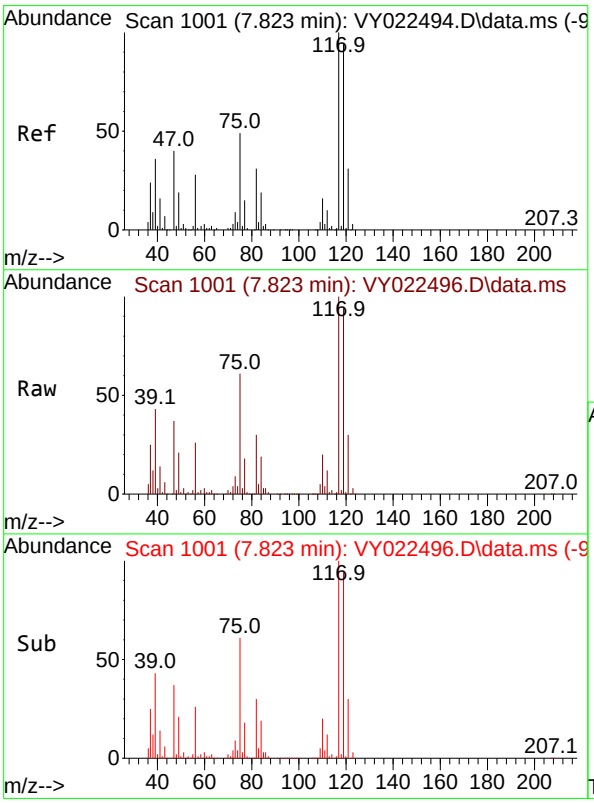
#37
Ethyl Acetate
Concen: 155.059 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 238966

Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.5	17.3
70	9.4	7.2	10.8

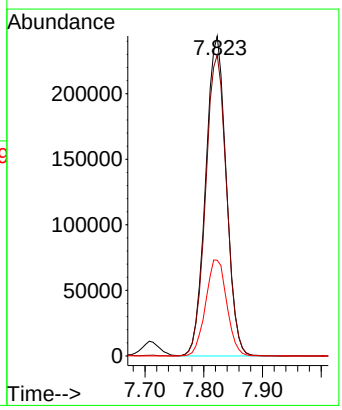


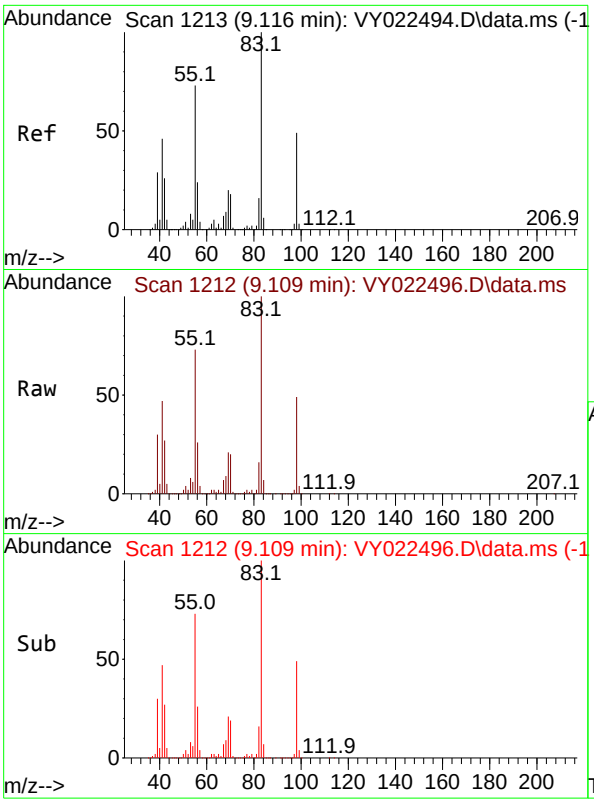


#38
Carbon Tetrachloride
Concen: 164.311 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:117 Resp: 593167

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.6
121	29.9	25.0	37.4



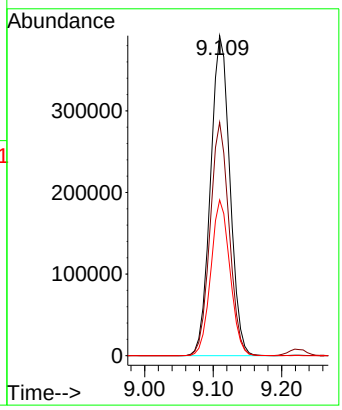


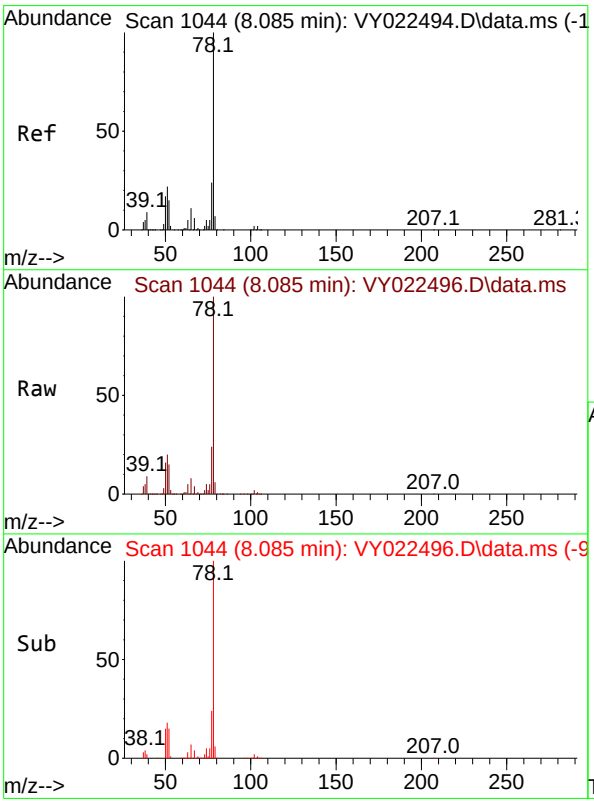
#39
Methylcyclohexane
Concen: 162.851 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 770382

Ion	Ratio	Lower	Upper
83	100		
55	72.9	58.1	87.1
98	48.7	39.0	58.6

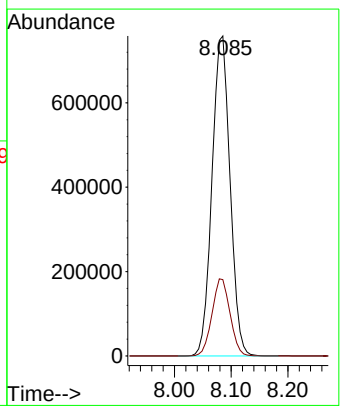


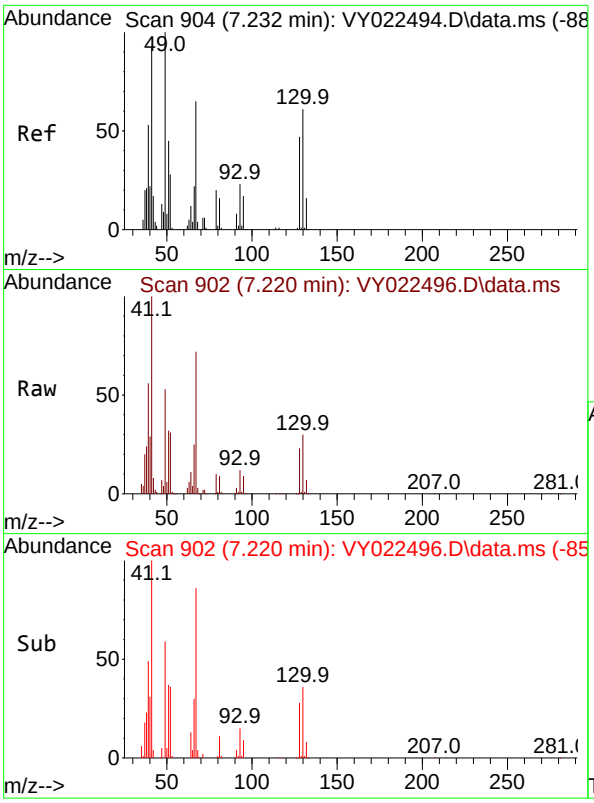


#40
Benzene
Concen: 162.332 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 78 Resp: 1675603

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9



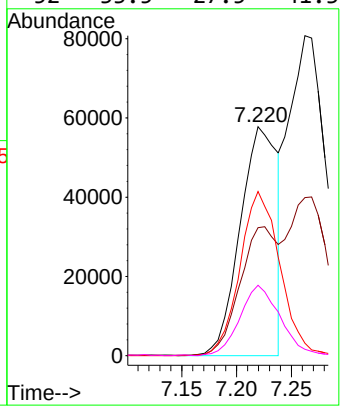


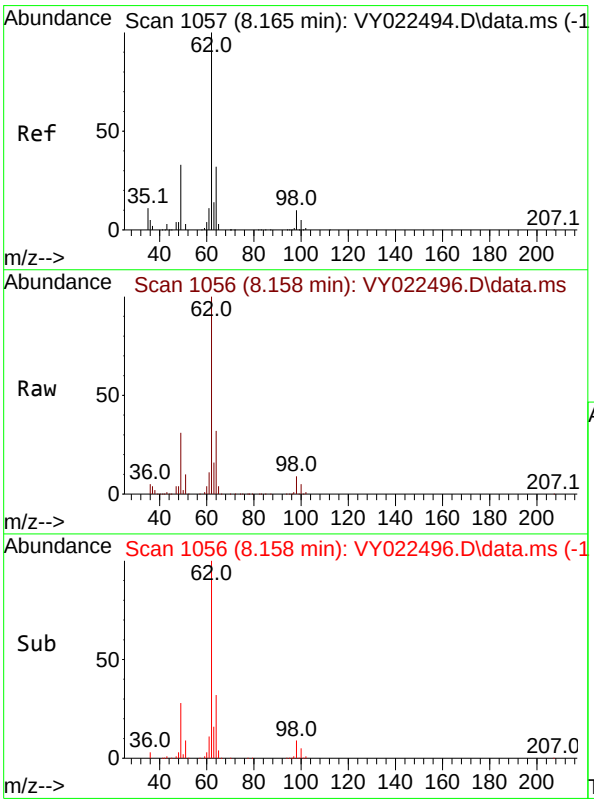
#41
Methacrylonitrile
Concen: 137.523 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 136495

Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.6	69.8
67	77.5	63.3	94.9
52	33.5	27.5	41.3

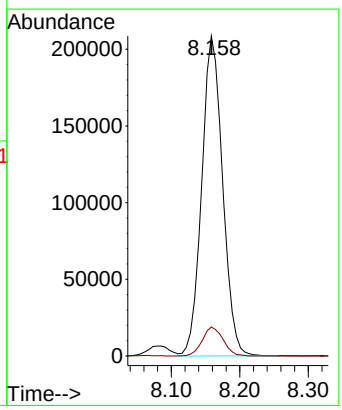


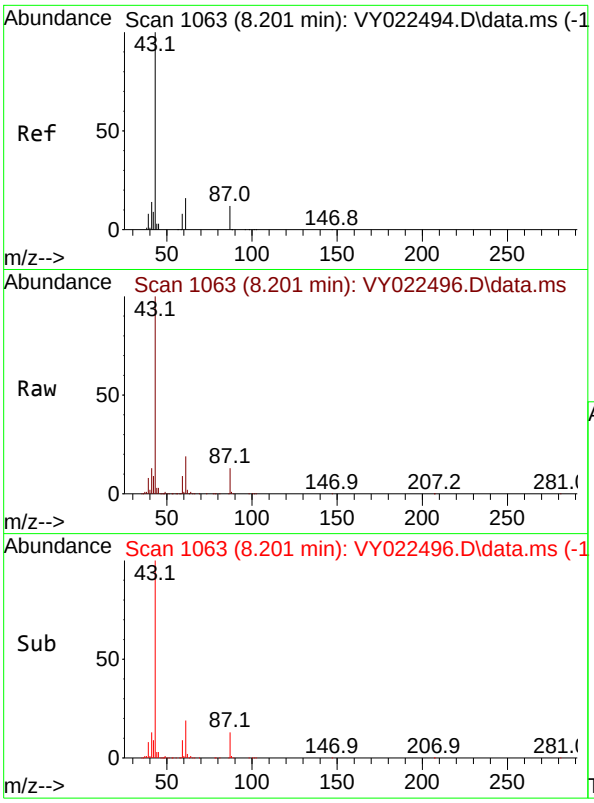


#42
1,2-Dichloroethane
Concen: 157.491 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 62 Resp: 442216

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2



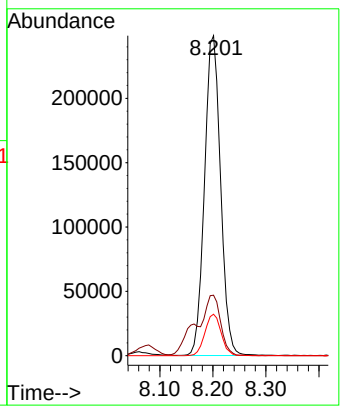


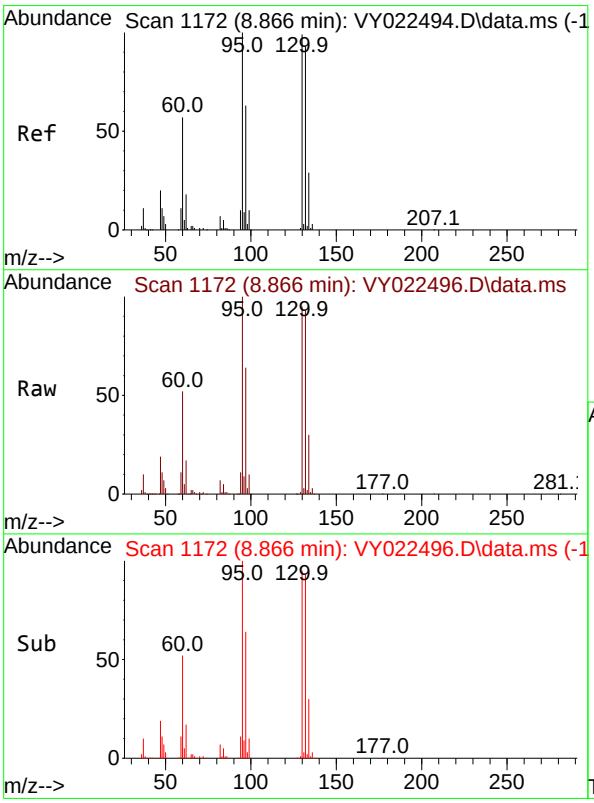
#43
Isopropyl Acetate
Concen: 155.250 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 522842

Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.6	23.4
87	13.1	10.2	15.4

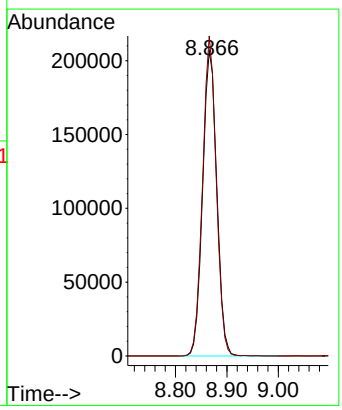


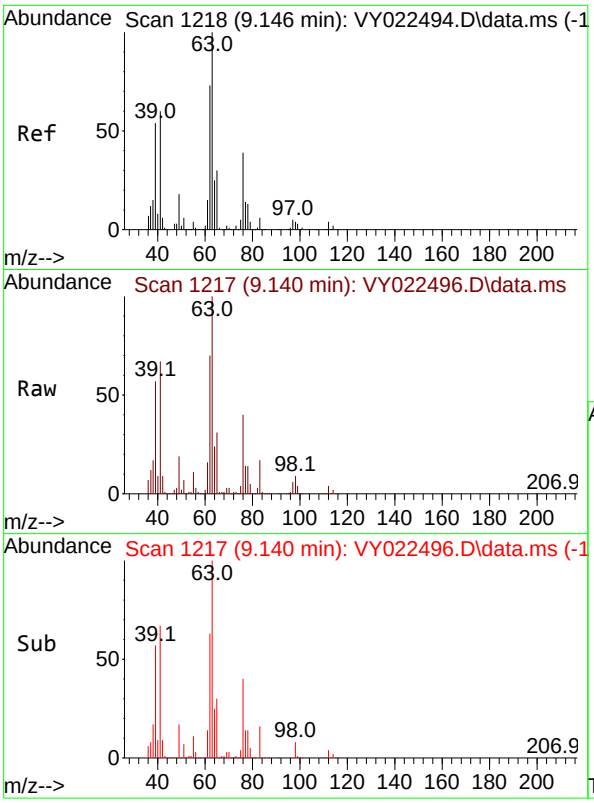


#44
Trichloroethene
Concen: 156.583 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:130 Resp: 394832

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	203.0



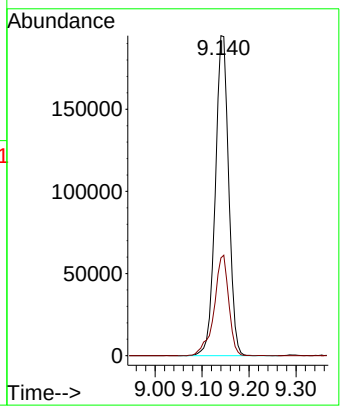


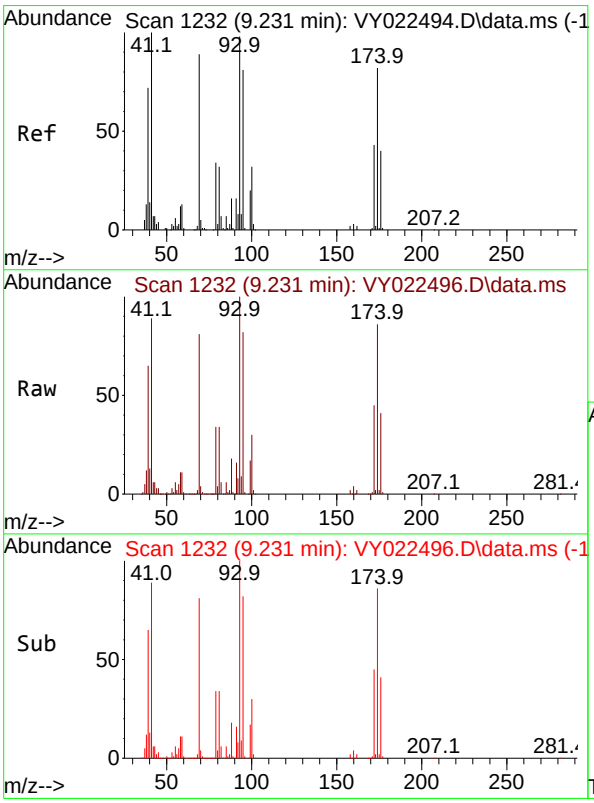
#45
1,2-Dichloropropane
Concen: 156.539 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 385206

Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.0	36.0

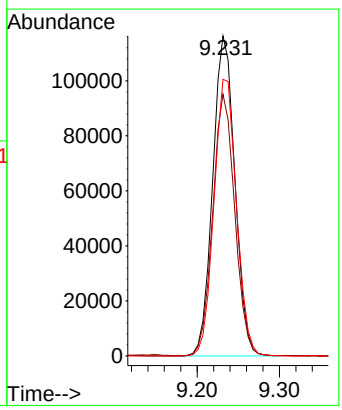


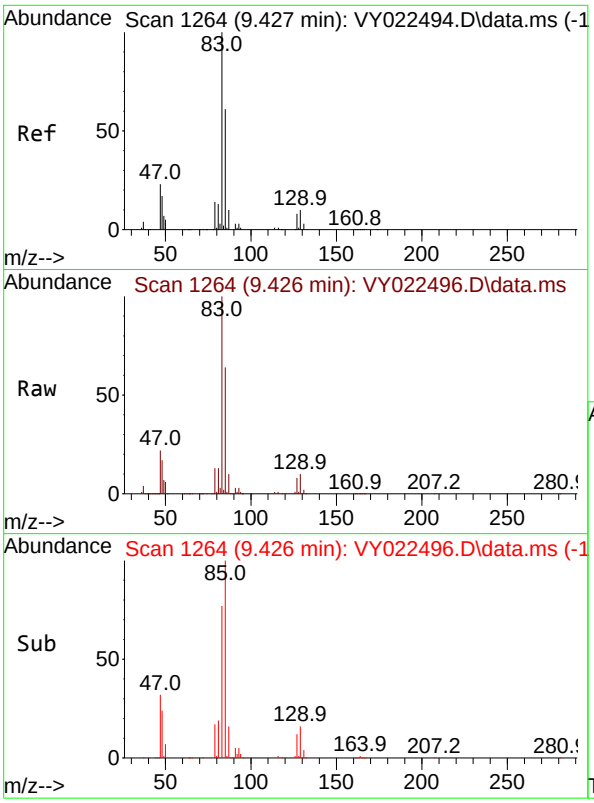


#46
Dibromomethane
Concen: 158.140 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 93 Resp: 218014

Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.6	98.4
174	87.8	70.4	105.6



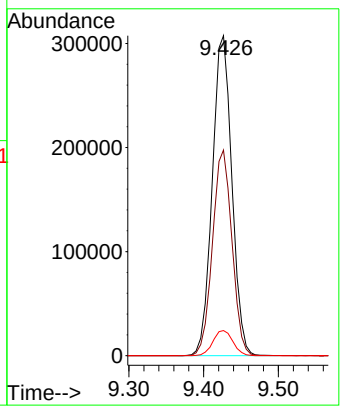


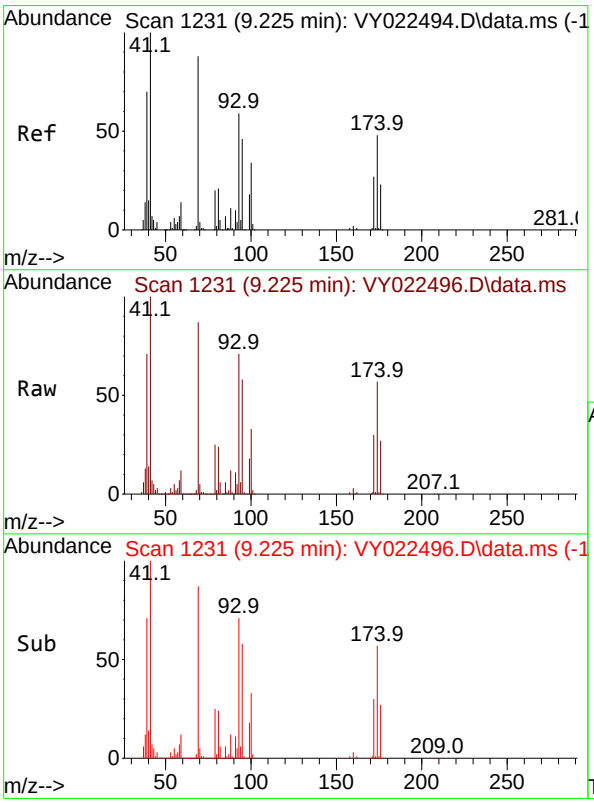
#47
Bromodichloromethane
Concen: 160.221 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 560425

Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.1	73.7
127	7.9	6.2	9.4

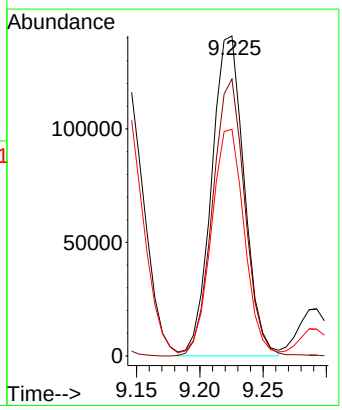


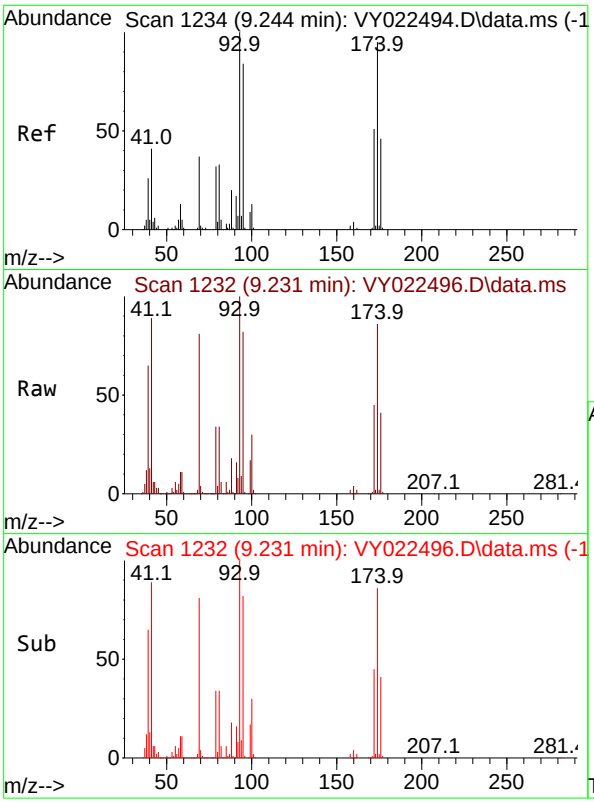


#48
Methyl methacrylate
Concen: 163.897 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 41 Resp: 252724

Ion	Ratio	Lower	Upper
41	100		
69	85.6	67.8	101.8
39	69.7	55.0	82.4



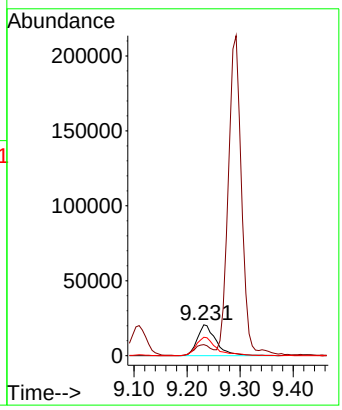


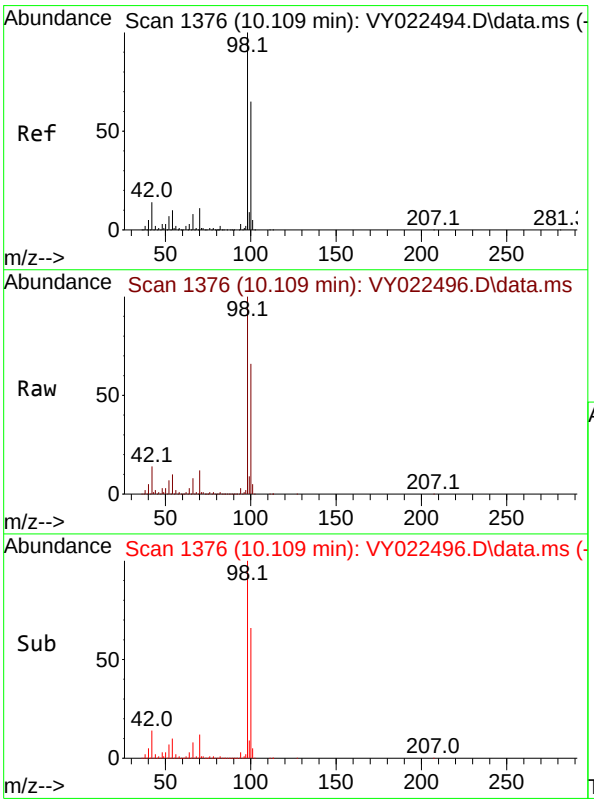
#49
1,4-Dioxane
Concen: 3093.301 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 50874

Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.4	38.2
58	64.1	54.9	82.3

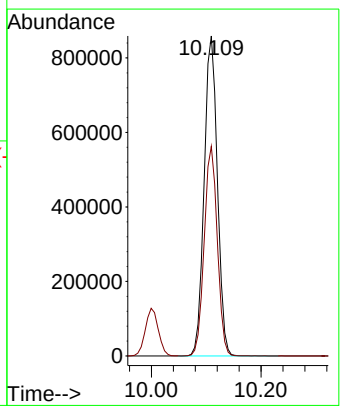


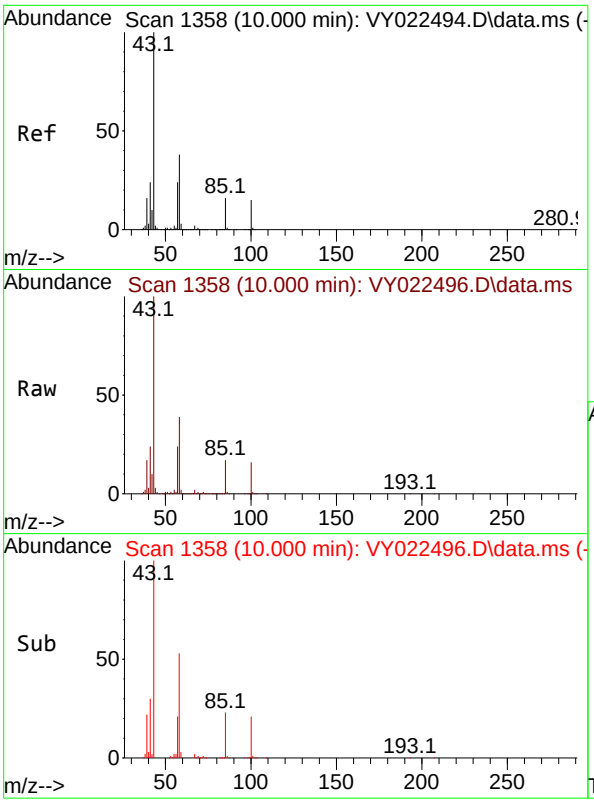


#50
Toluene-d8
Concen: 163.617 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 98 Resp: 1432587

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0



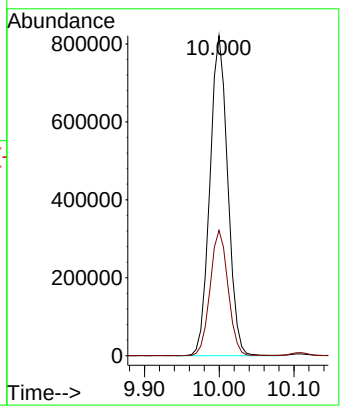


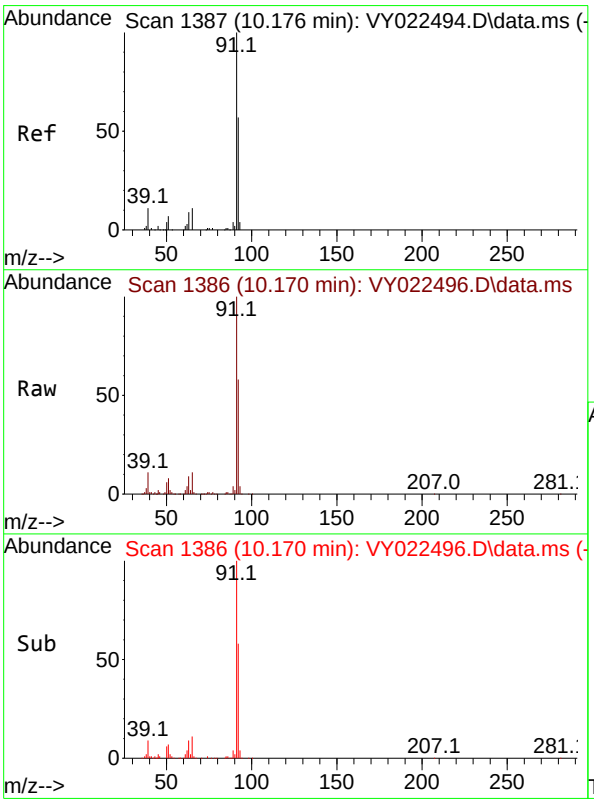
#51
4-Methyl-2-Pentanone
Concen: 812.744 ug/l
RT: 10.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1358512

Ion	Ratio	Lower	Upper
43	100		
58	39.3	30.4	45.6

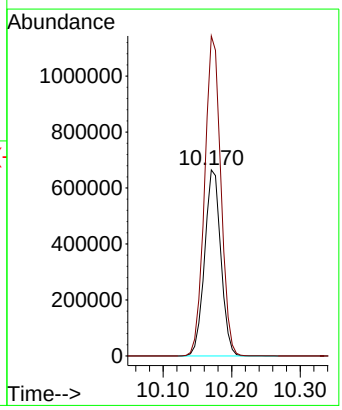


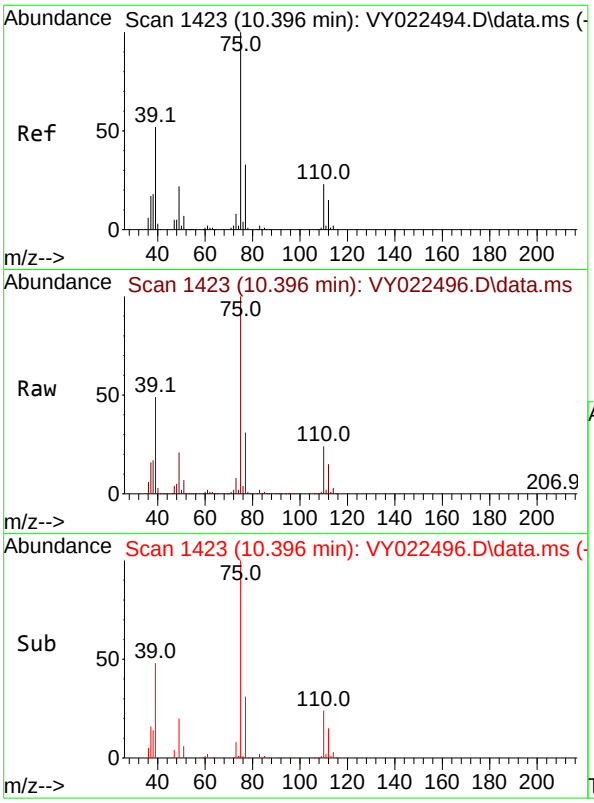


#52
Toluene
Concen: 168.447 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 92 Resp: 1093200

Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.0	208.4



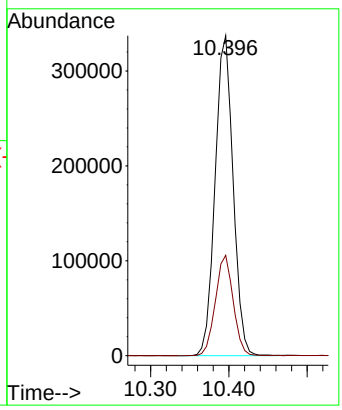


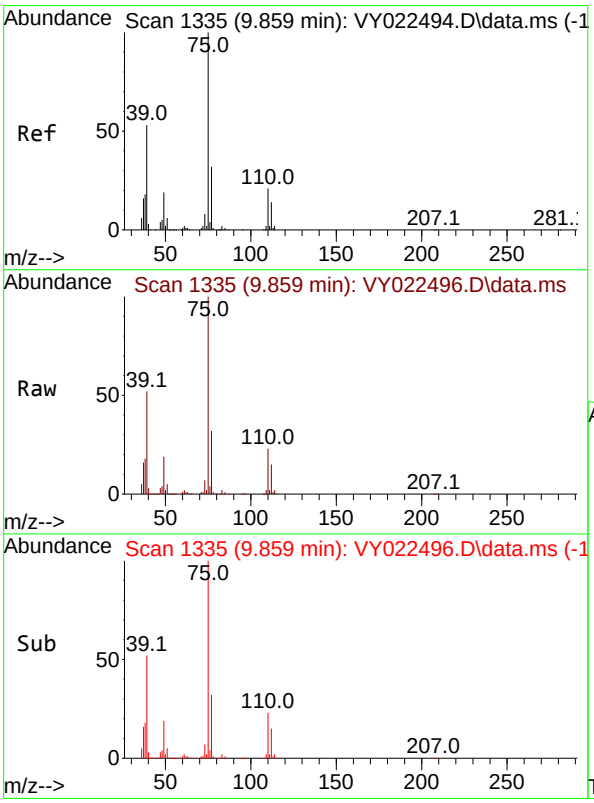
#53
t-1,3-Dichloropropene
Concen: 166.237 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 537922

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.5	39.7

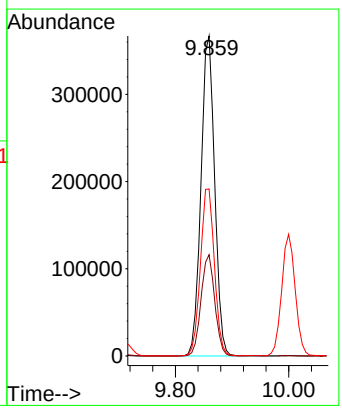


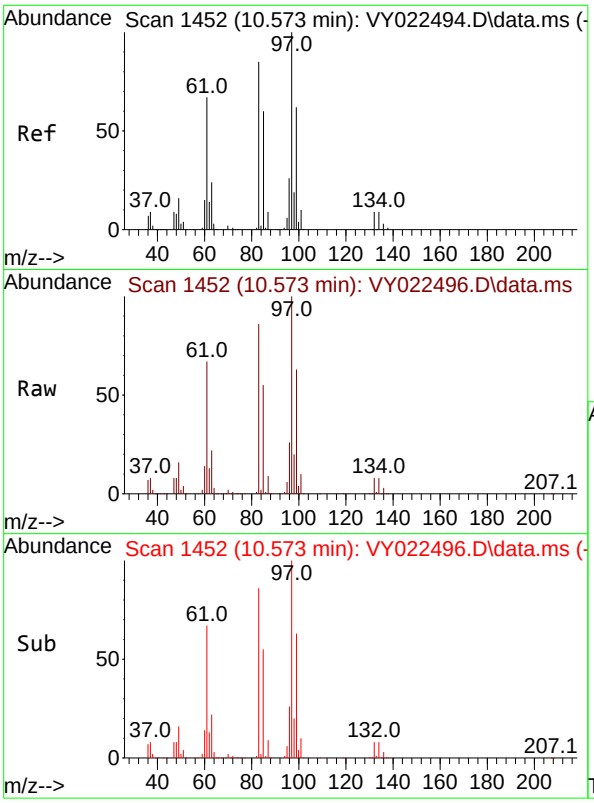


#54
cis-1,3-Dichloropropene
Concen: 162.259 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 615667

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	52.2	42.7	64.1



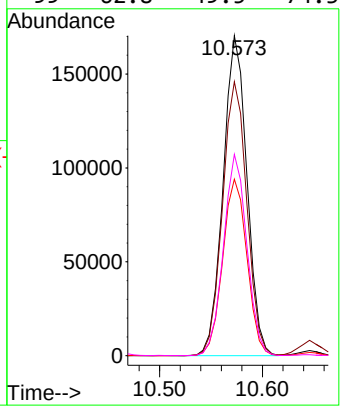


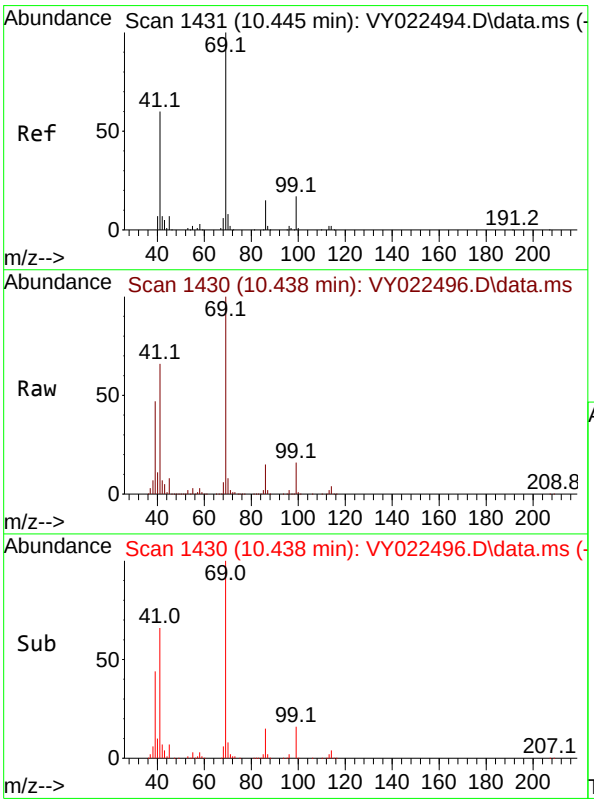
#55
1,1,2-Trichloroethane
Concen: 158.086 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 274460

Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.1	102.1
85	55.1	48.2	72.2
99	62.8	49.5	74.3

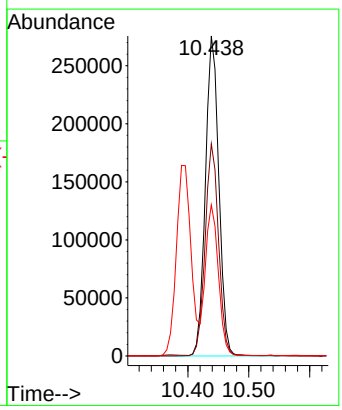


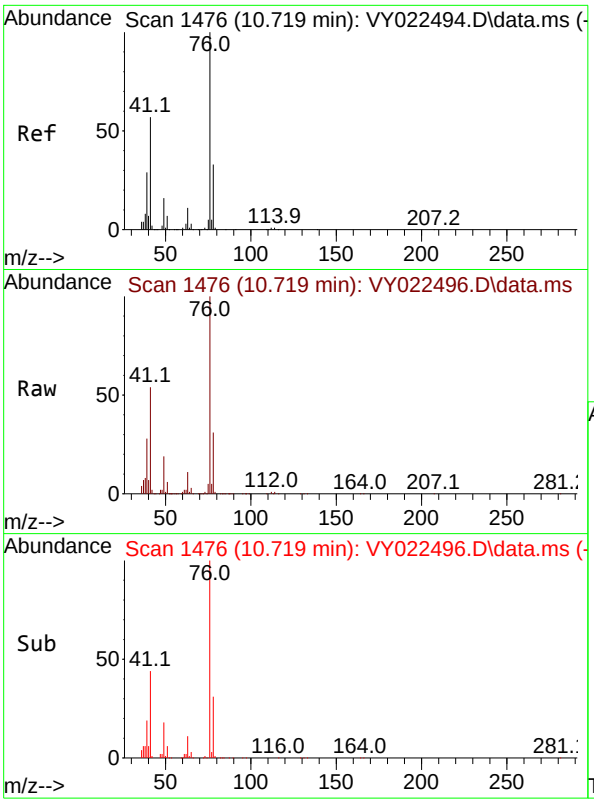


#56
Ethyl methacrylate
Concen: 167.865 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 69 Resp: 423233

Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.2	78.2
39	44.7	36.7	55.1



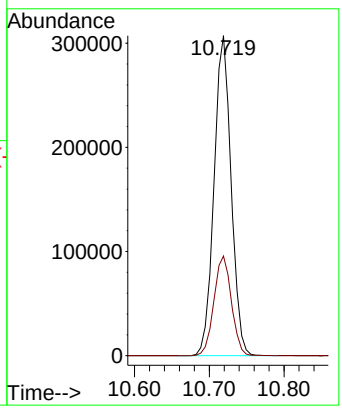


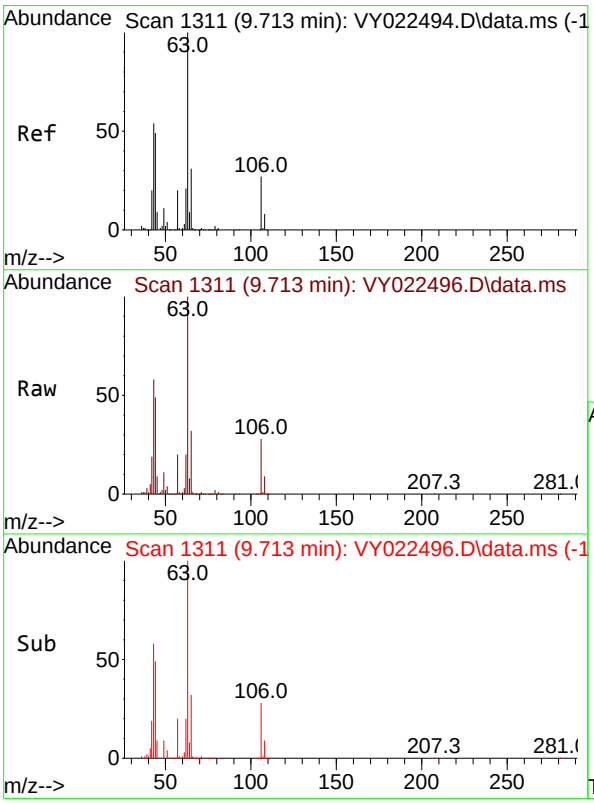
#57
1,3-Dichloropropane
Concen: 158.010 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 488570

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

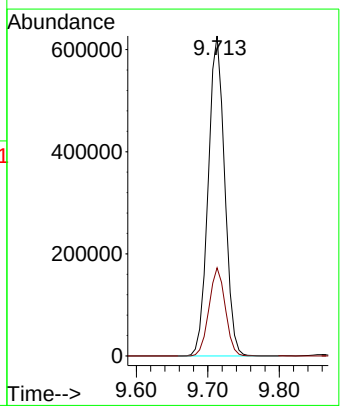


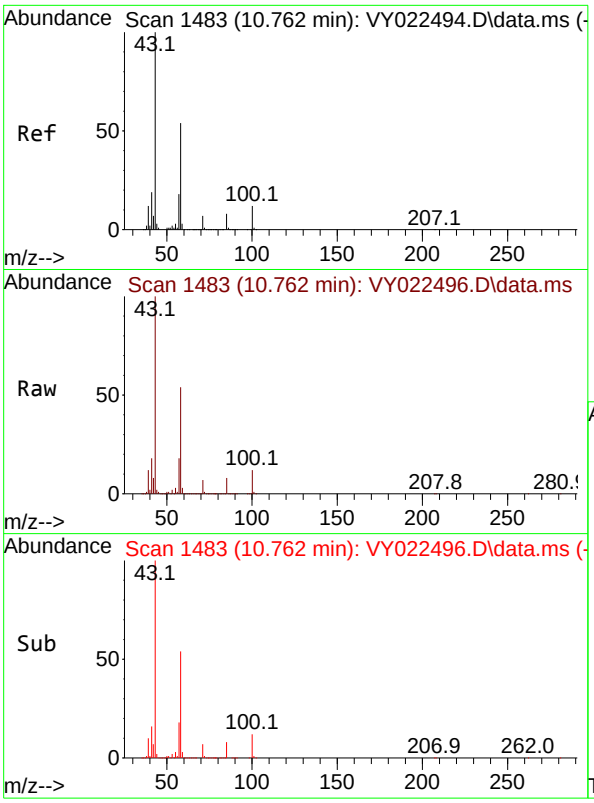


#58
2-Chloroethyl Vinyl ether
Concen: 890.345 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 63 Resp: 1000760

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.6	32.4



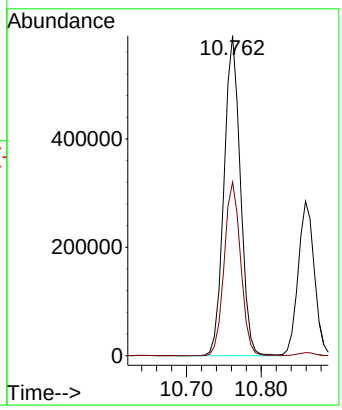


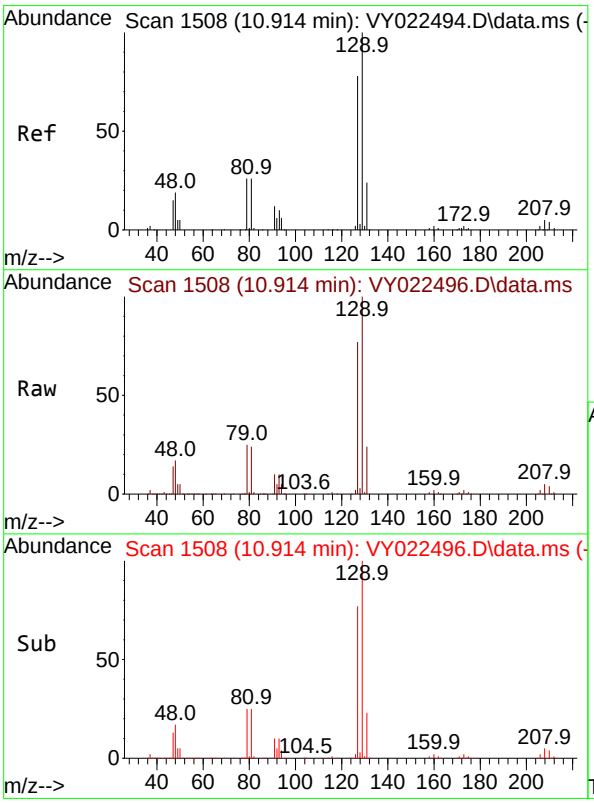
#59
2-Hexanone
Concen: 804.699 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 896627

Ion	Ratio	Lower	Upper
43	100		
58	54.6	27.3	81.8

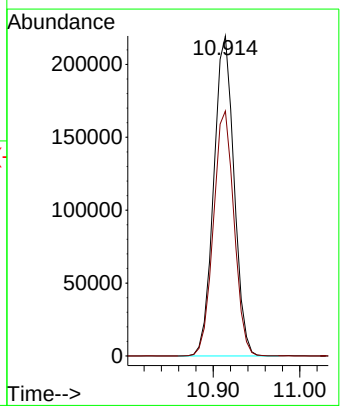


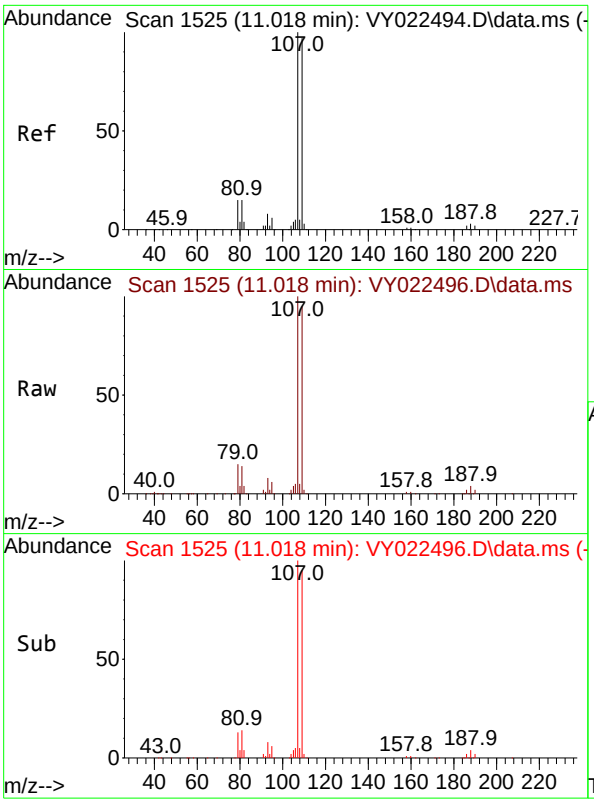


#60
Dibromochloromethane
Concen: 162.227 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:129 Resp: 356873

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.1	117.2



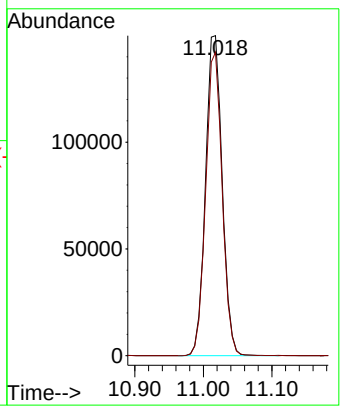


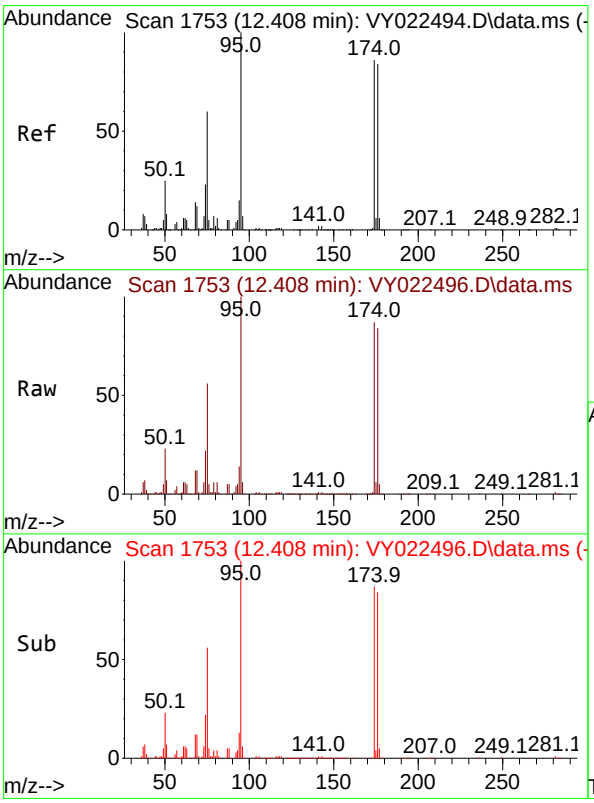
#61
1,2-Dibromoethane
Concen: 158.625 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 254128

Ion	Ratio	Lower	Upper
107	100		
109	93.4	77.7	116.5

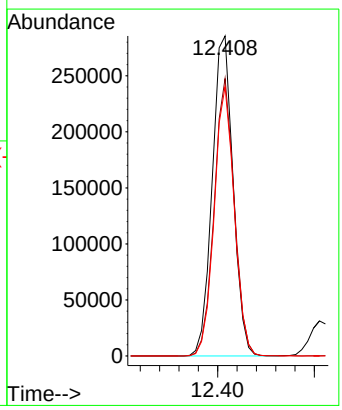


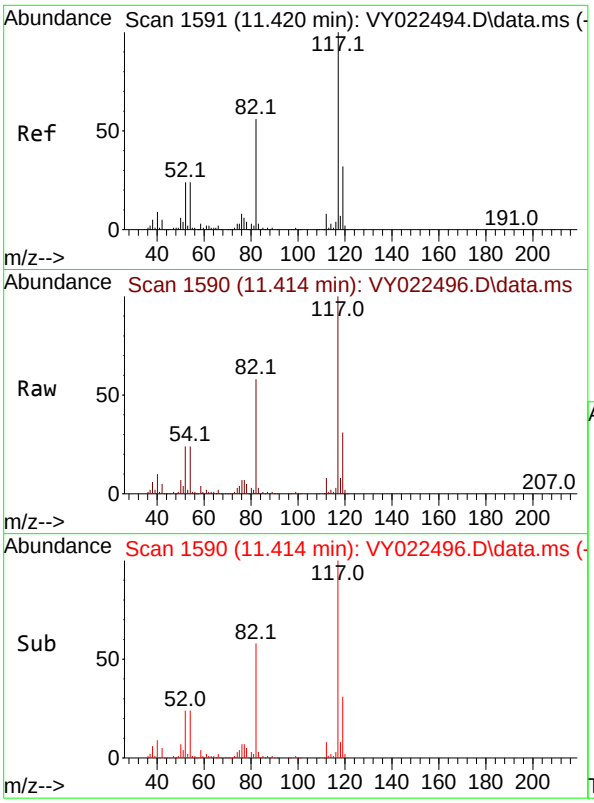


#62
4-Bromofluorobenzene
Concen: 160.684 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 95 Resp: 426573

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	170.0
176	81.1	0.0	166.2



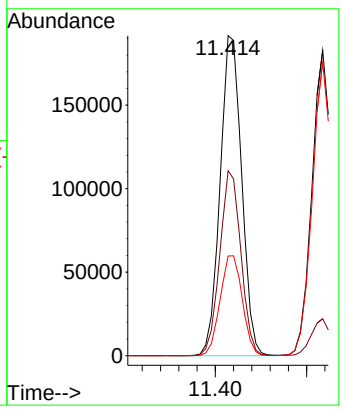


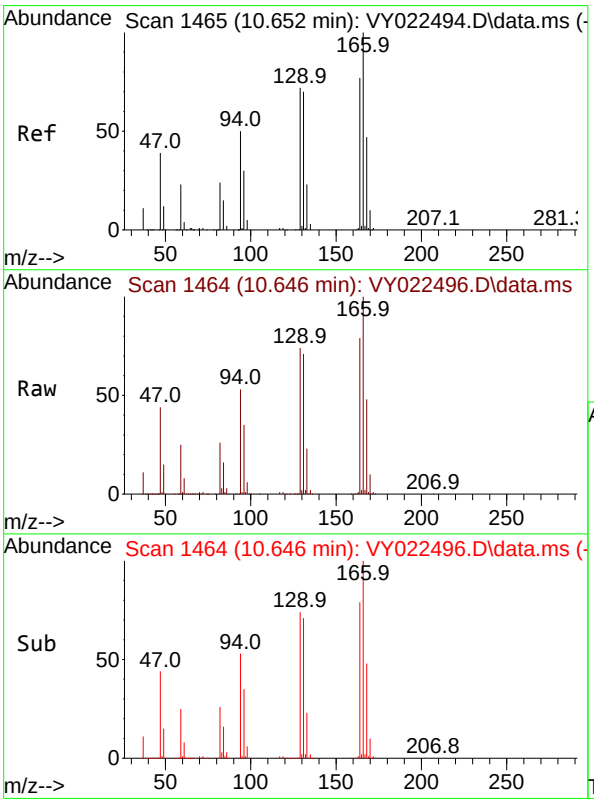
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 313951

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.6	66.8
119	31.2	25.4	38.0

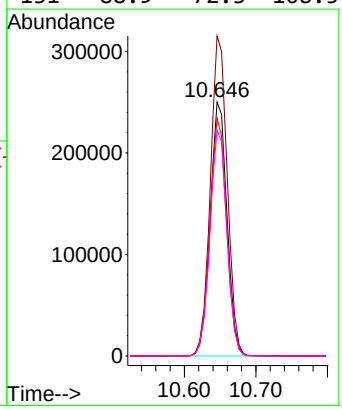


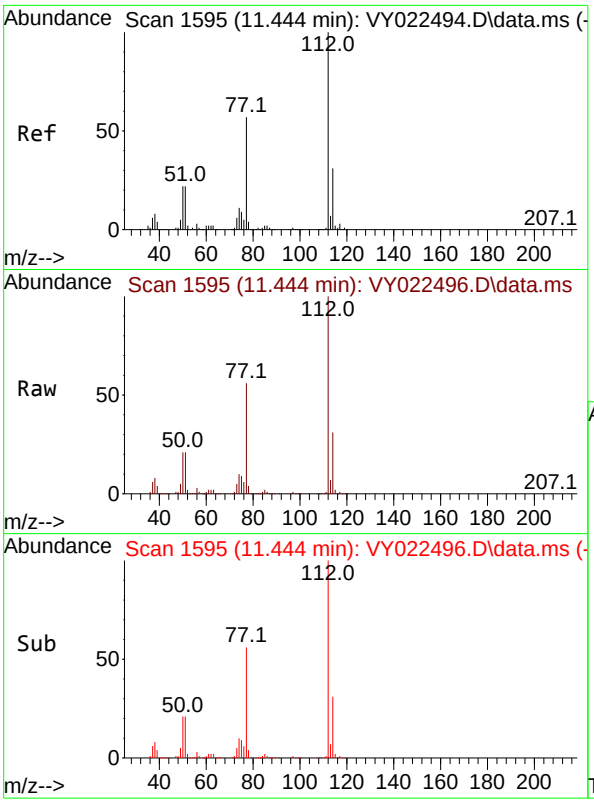


#64
Tetrachloroethene
Concen: 152.453 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:164 Resp: 406758

Ion	Ratio	Lower	Upper
164	100		
166	126.1	104.0	156.0
129	93.8	74.5	111.7
131	88.9	72.3	108.5



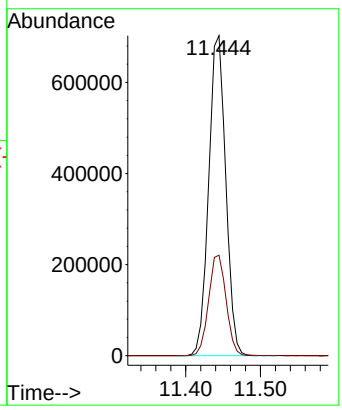


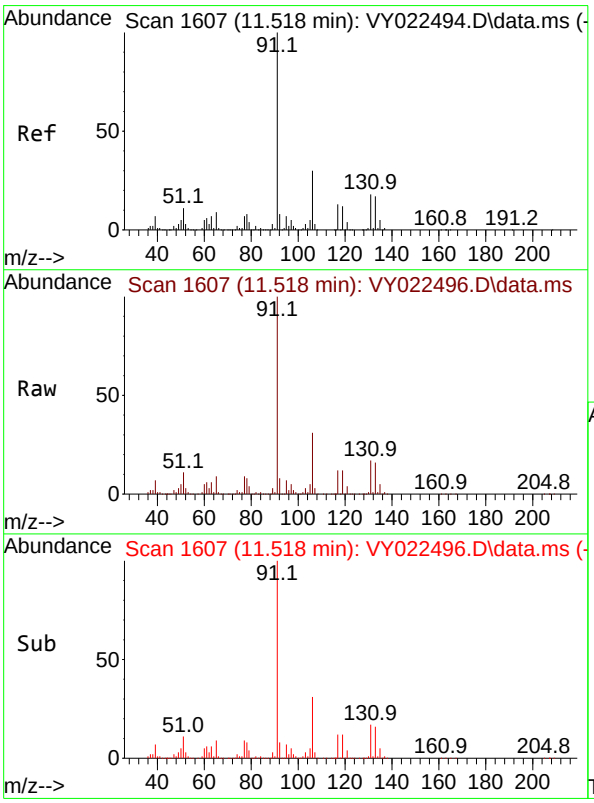
#65
Chlorobenzene
Concen: 163.544 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 1113347

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.0	37.6

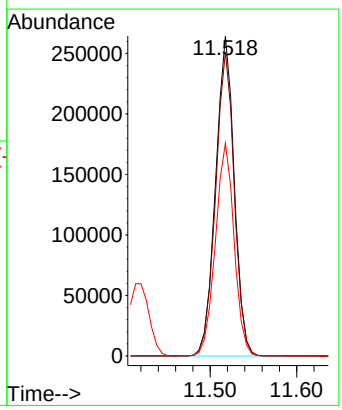


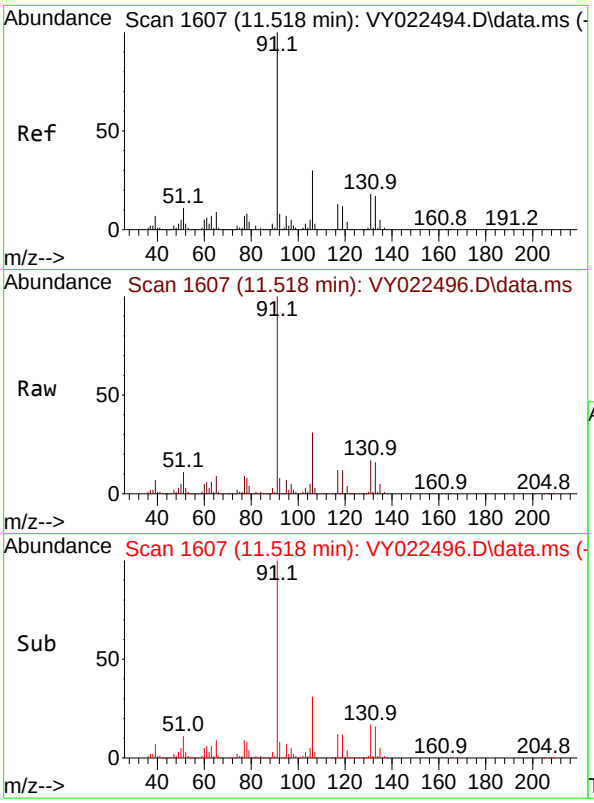


#66
1,1,1,2-Tetrachloroethane
Concen: 171.190 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:131 Resp: 395046

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.3	141.8
119	66.8	33.1	99.3



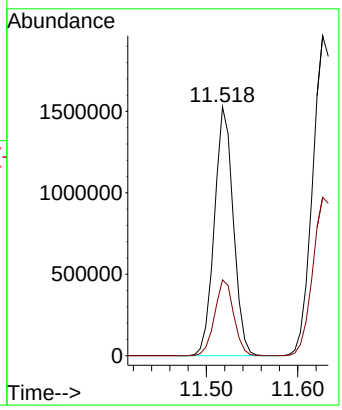


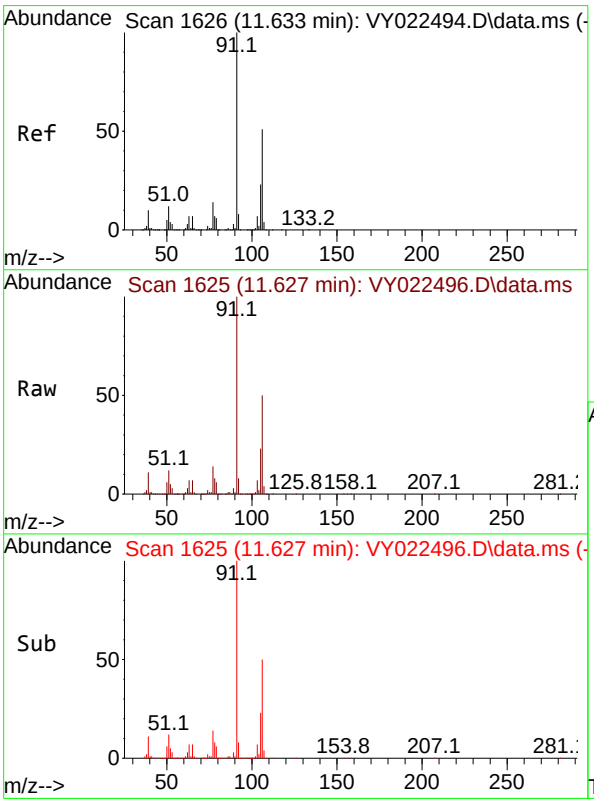
#67
Ethyl Benzene
Concen: 173.285 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 2196819

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.4

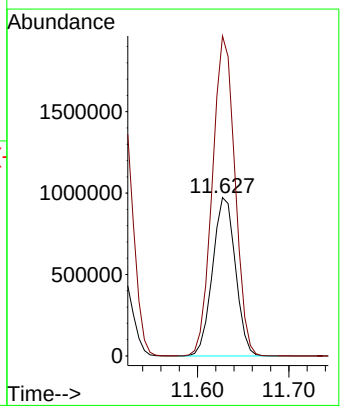


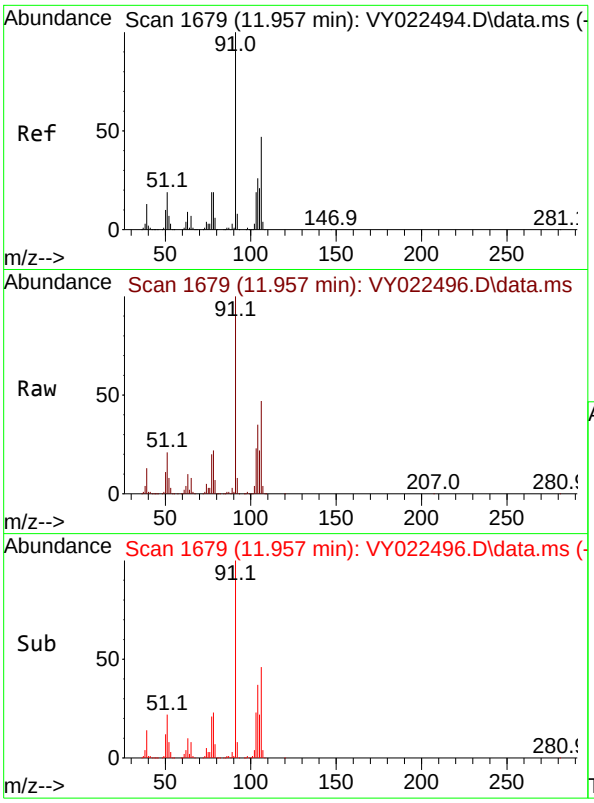


#68
m/p-Xylenes
Concen: 353.103 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:106 Resp: 1694177

Ion	Ratio	Lower	Upper
106	100		
91	199.2	159.4	239.0



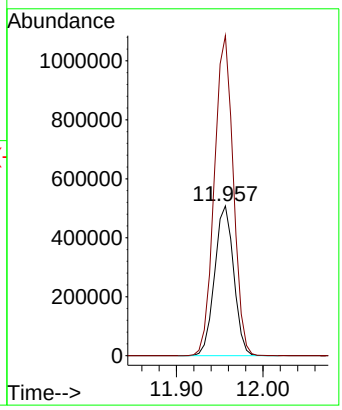


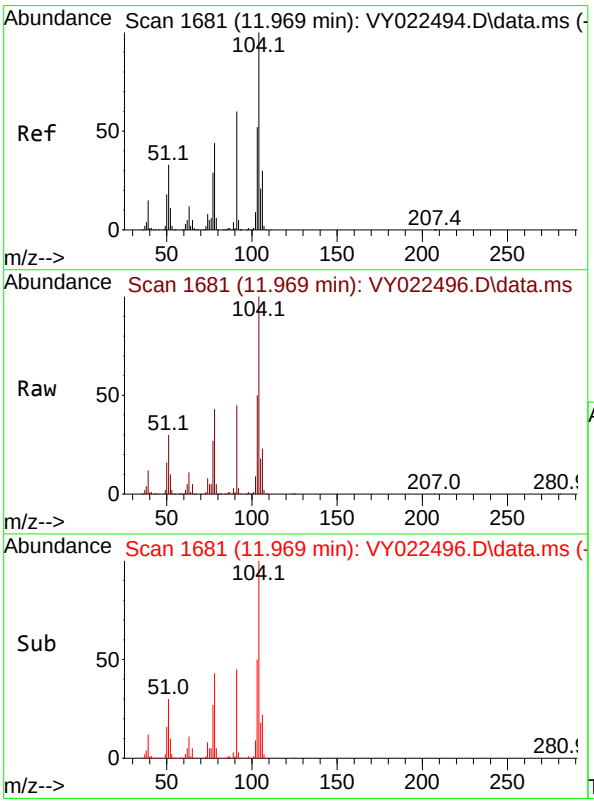
#69
o-Xylene
Concen: 173.188 ug/l
RT: 11.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 777688

Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.8	317.3

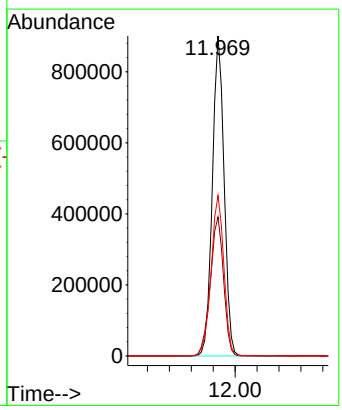


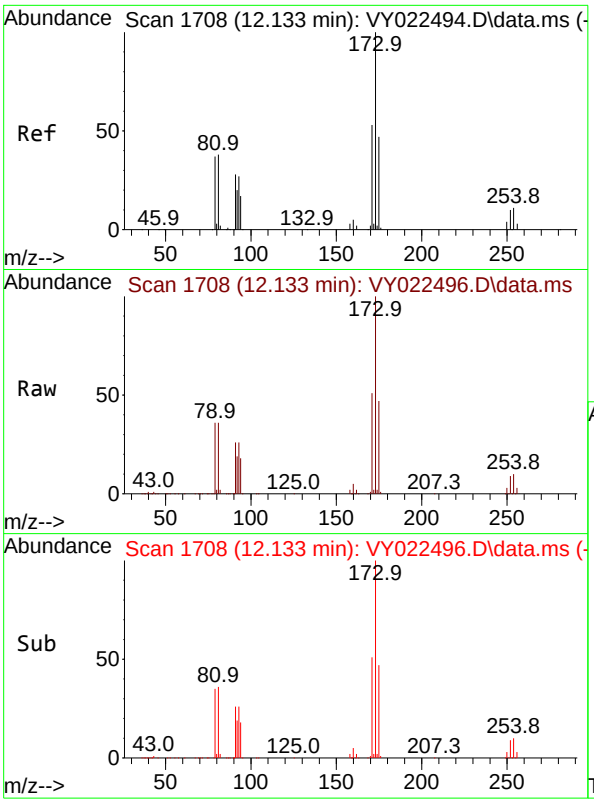


#70
Styrene
Concen: 179.564 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:104 Resp: 1334986

Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.5	59.3
103	54.6	44.1	66.1



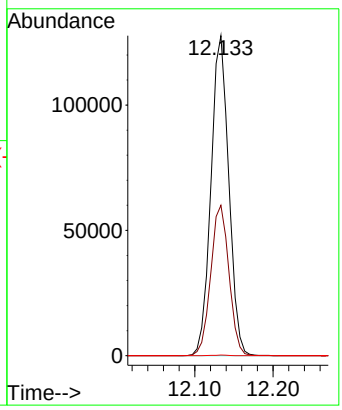


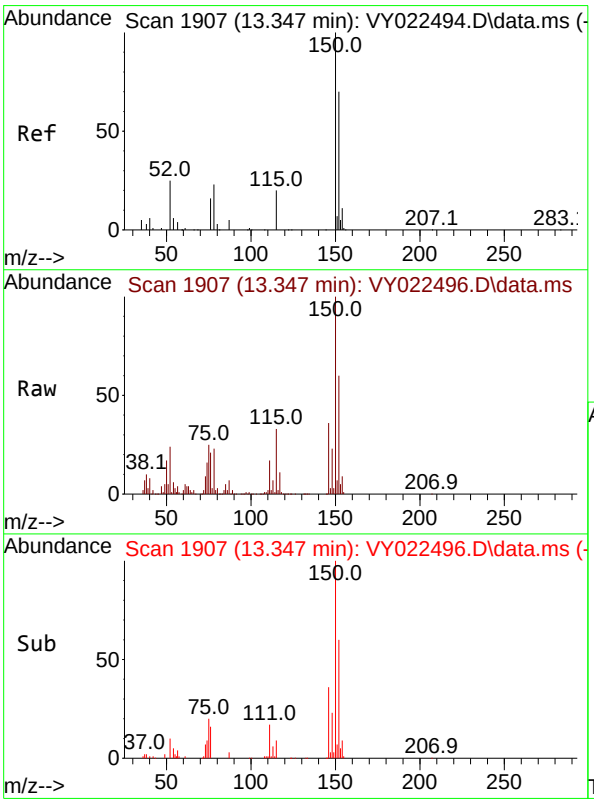
#71
Bromoform
Concen: 166.138 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 201469

Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.8	71.5
254	0.2	0.0	0.0#

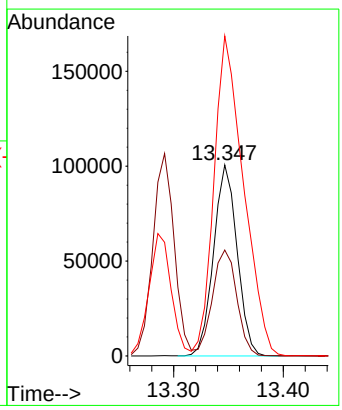


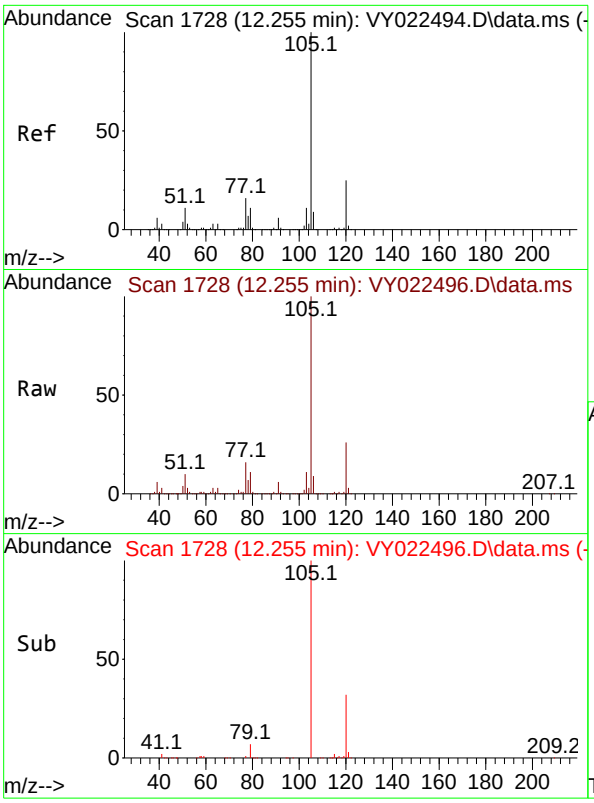


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:152 Resp: 150326

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.7
150	210.0	0.0	349.6



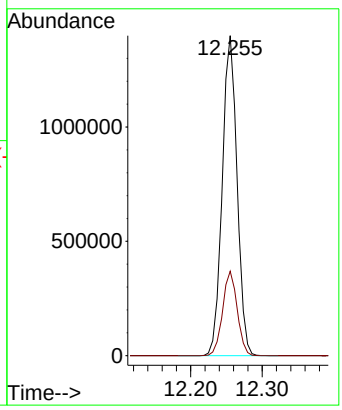


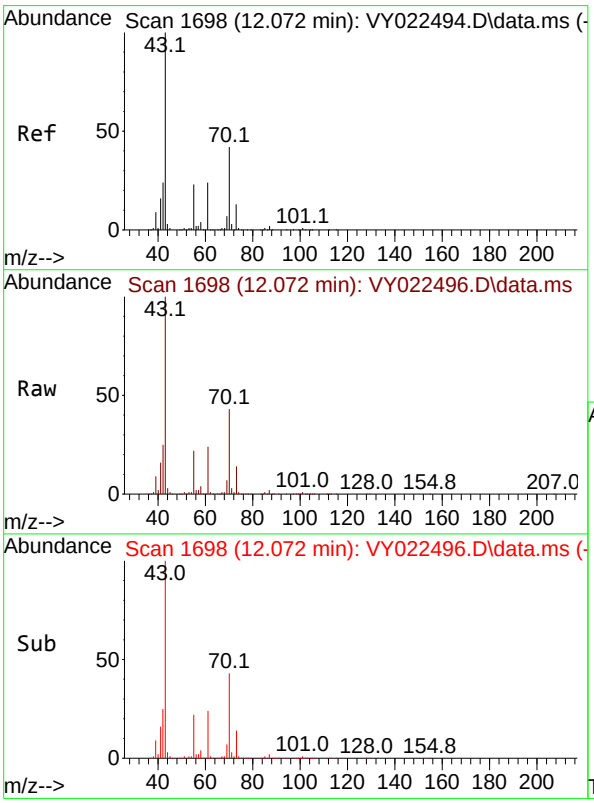
#73
Isopropylbenzene
Concen: 166.060 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 2011262

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	38.9

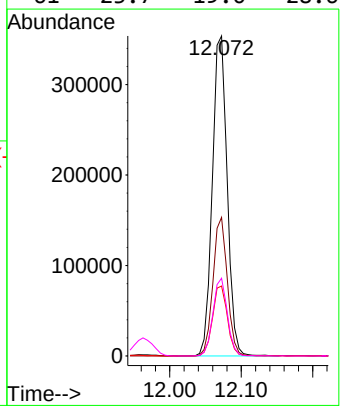


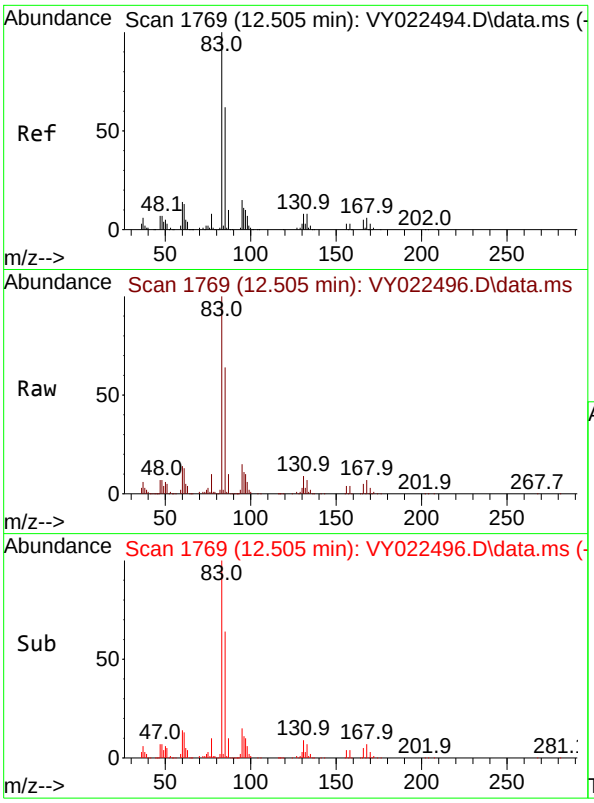


#74
N-amyl acetate
Concen: 165.957 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 508301

Ion	Ratio	Lower	Upper
43	100		
70	42.1	34.2	51.2
55	22.1	18.2	27.4
61	23.7	19.0	28.6



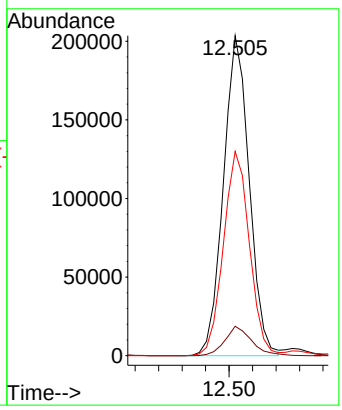


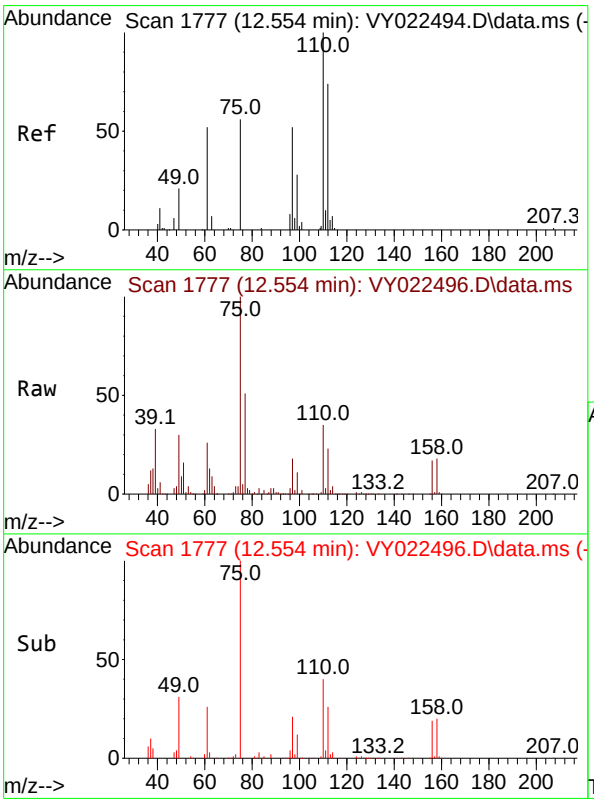
#75
1,1,2,2-Tetrachloroethane
Concen: 157.927 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 310641

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	64.3	32.6	97.8

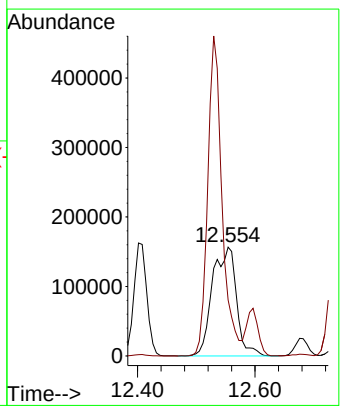


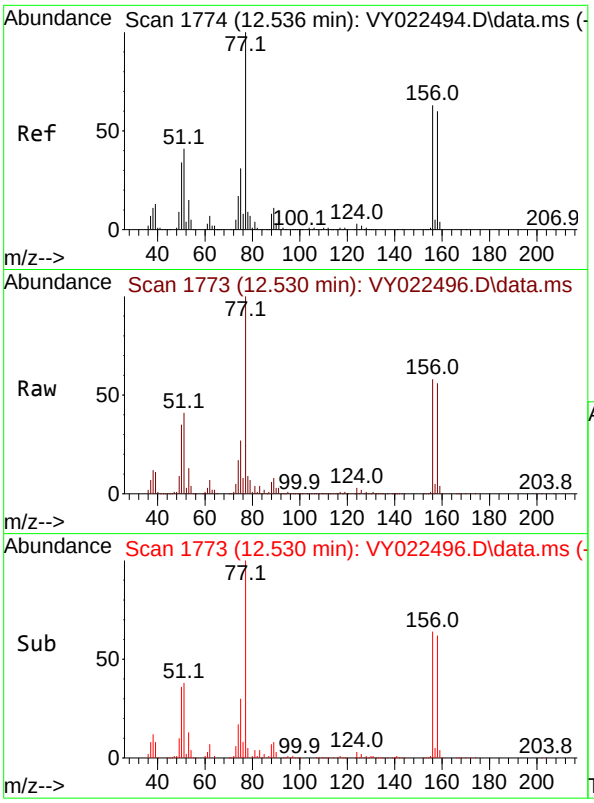


#76
1,2,3-Trichloropropane
Concen: 224.014 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 444562

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



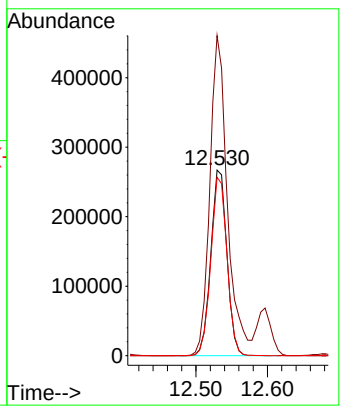


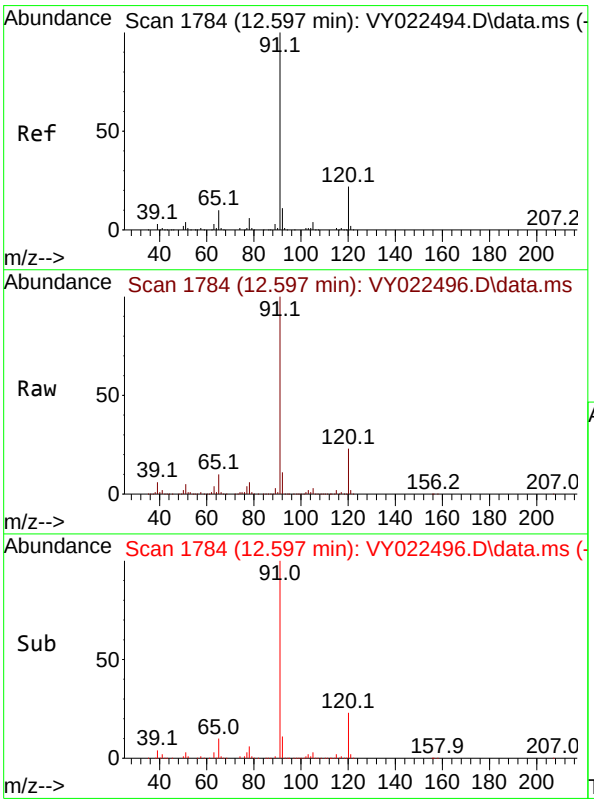
#77
Bromobenzene
Concen: 162.489 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 417122

Ion	Ratio	Lower	Upper
156	100		
77	188.4	94.0	282.1
158	96.4	48.2	144.6

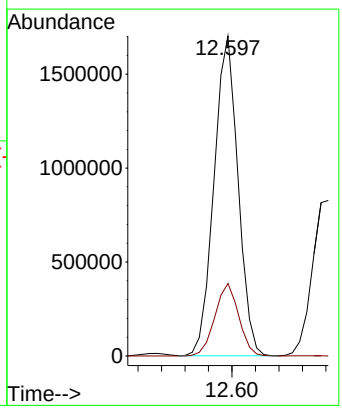


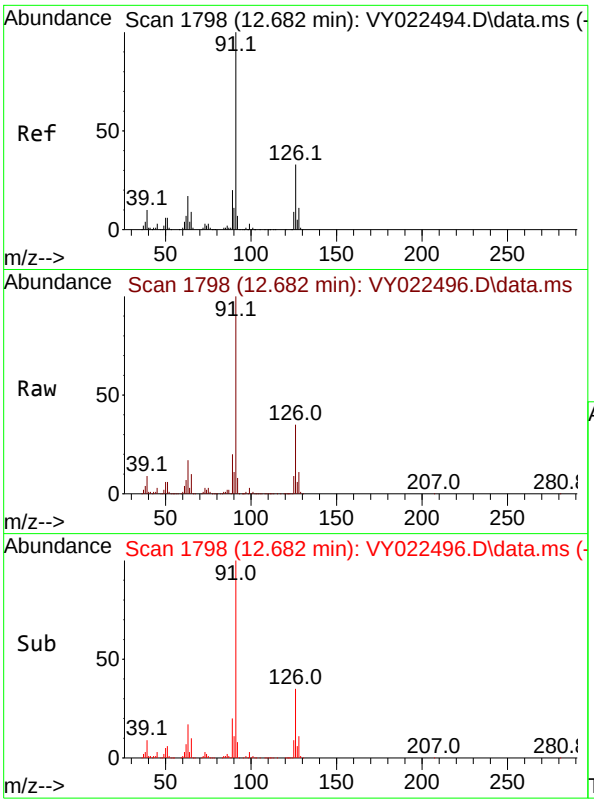


#78
n-propylbenzene
Concen: 163.876 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 2416013

Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.8	32.4



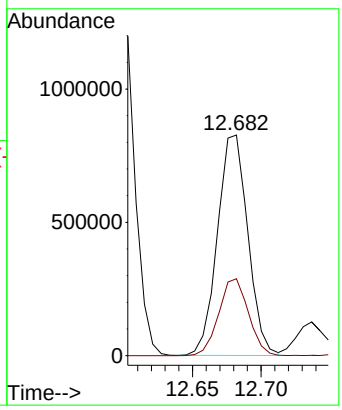


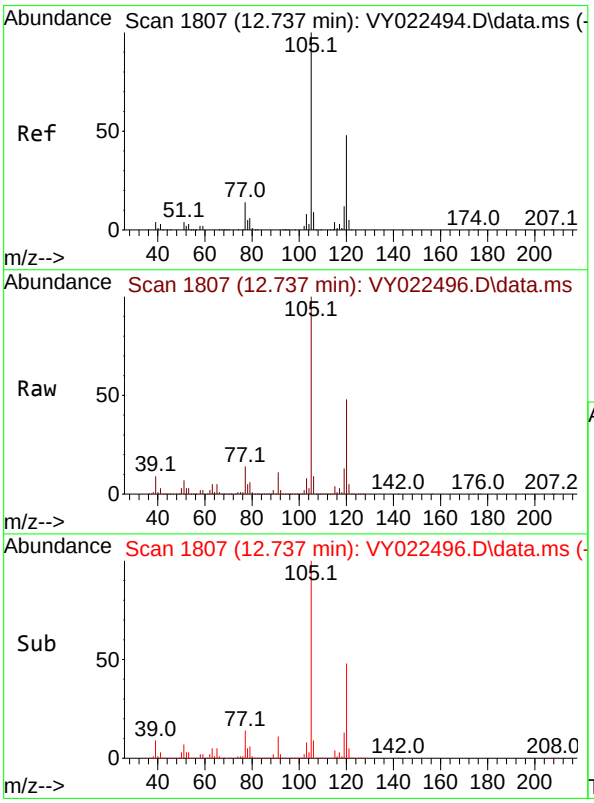
#79
2-Chlorotoluene
Concen: 163.862 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1275581

Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.0	51.0

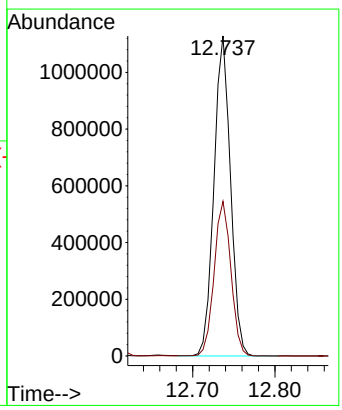


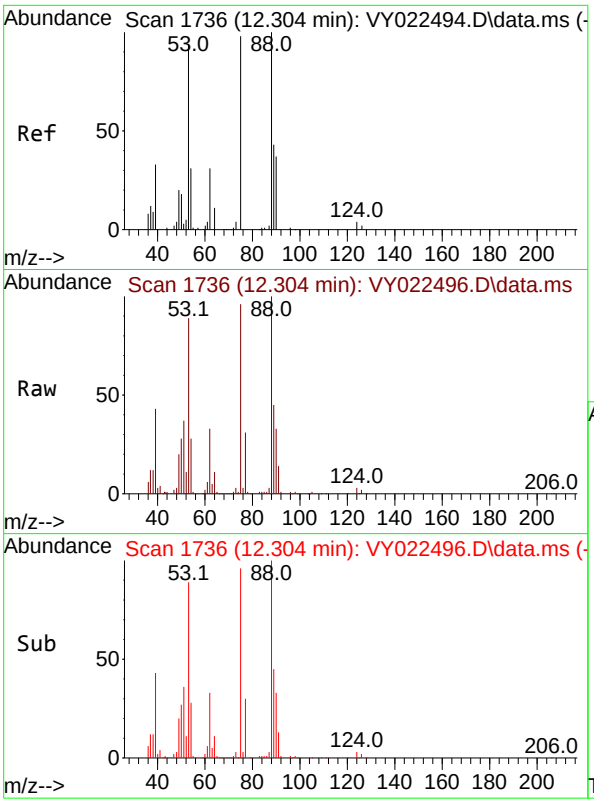


#80
1,3,5-Trimethylbenzene
Concen: 166.511 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 1576906

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.1	72.4



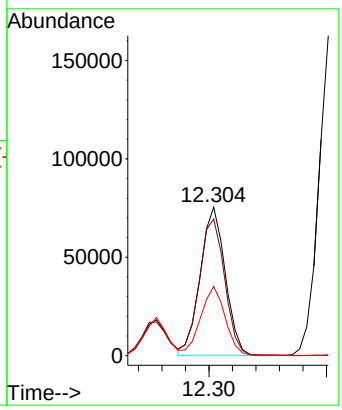


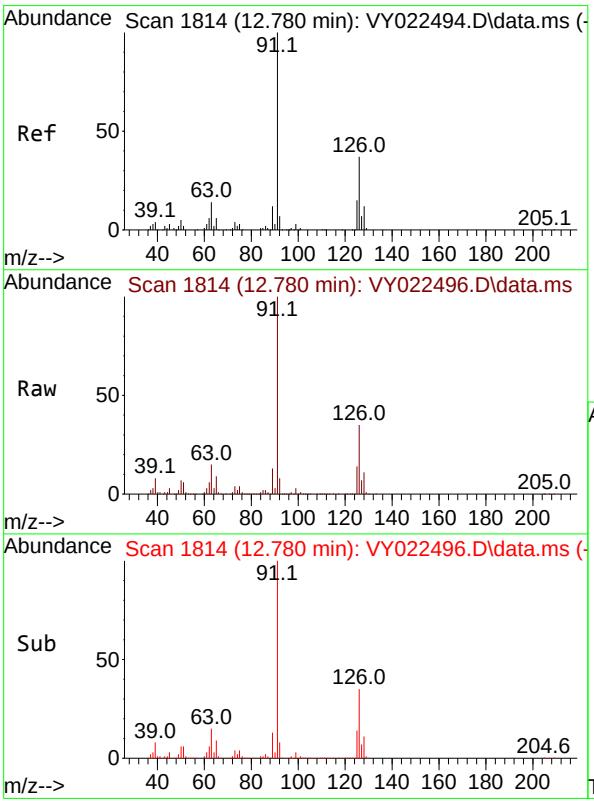
#81
trans-1,4-Dichloro-2-butene
Concen: 160.989 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 111432

Ion	Ratio	Lower	Upper
75	100		
53	93.2	78.5	117.7
89	46.1	35.7	53.5

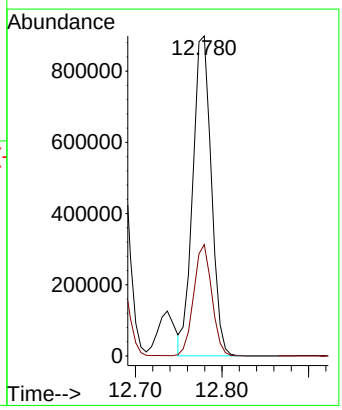


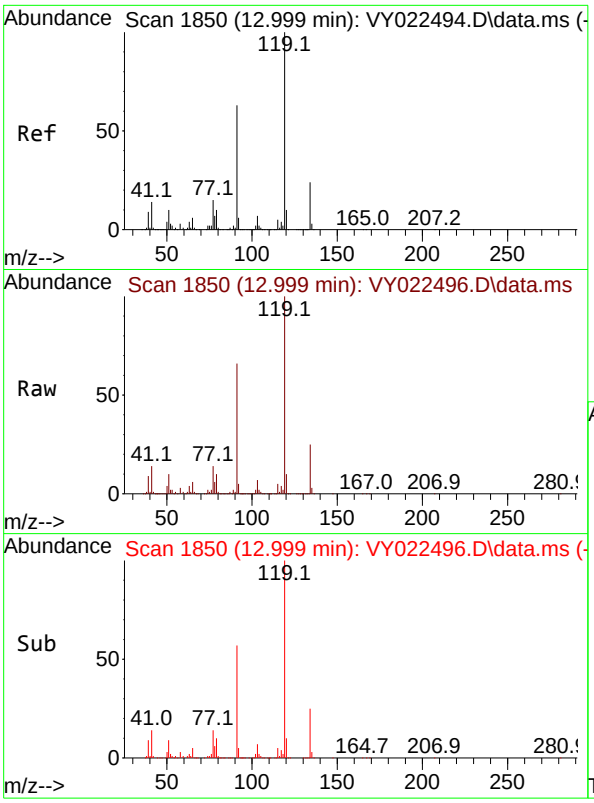


#82
4-Chlorotoluene
Concen: 165.467 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 1334965

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9



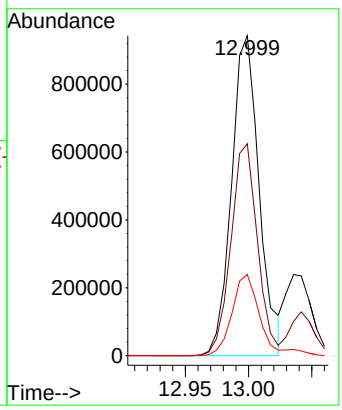


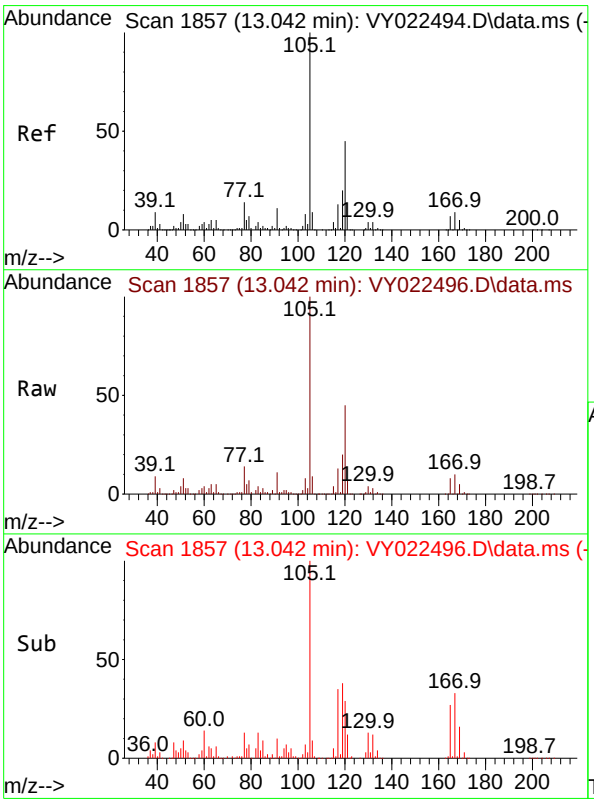
#83
tert-Butylbenzene
Concen: 166.064 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 1434641

Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.1	96.3
134	25.9	13.0	38.9

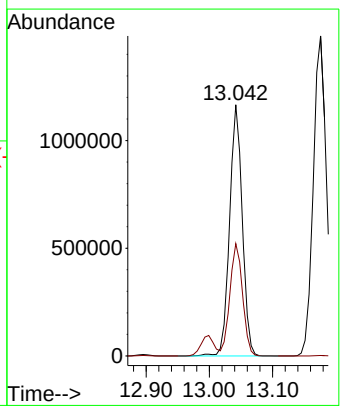


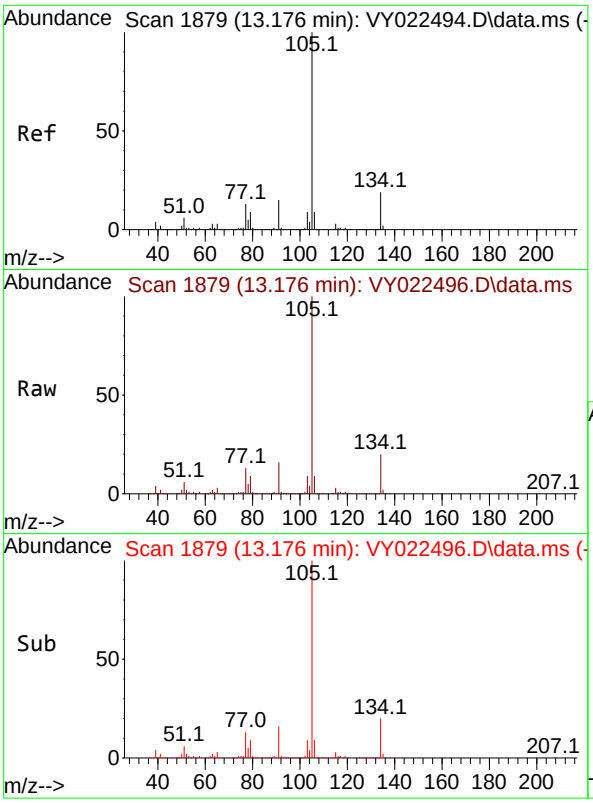


#84
1,2,4-Trimethylbenzene
Concen: 171.323 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 1623289

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.1



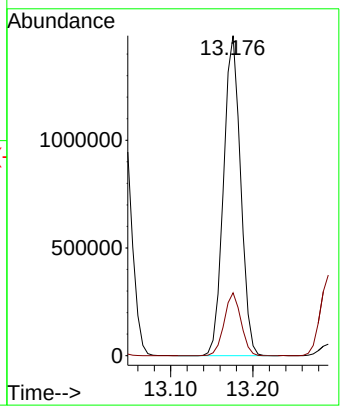


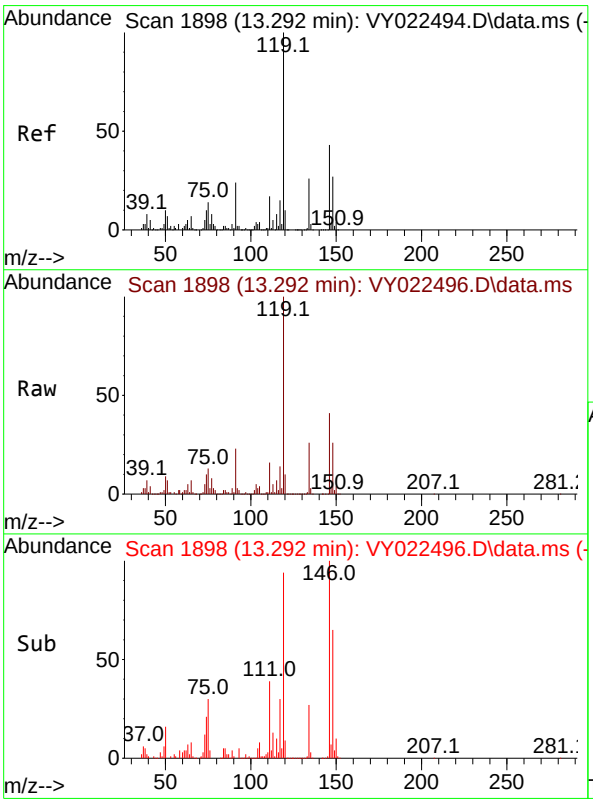
#85
sec-Butylbenzene
Concen: 163.415 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 2140445

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

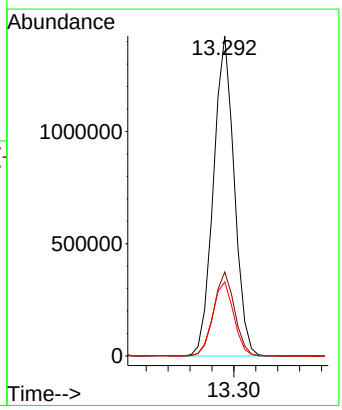


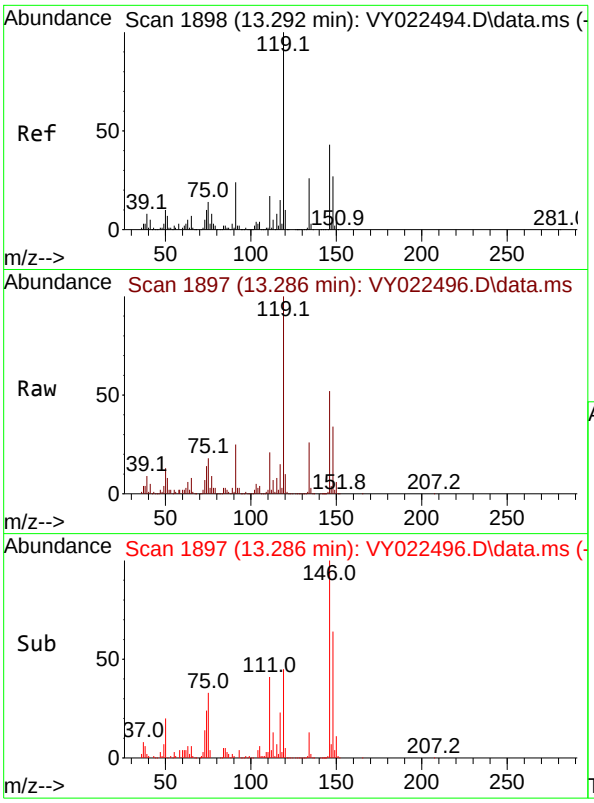


#86
p-Isopropyltoluene
Concen: 174.353 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:119 Resp: 1877539

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	23.6	11.6	34.8



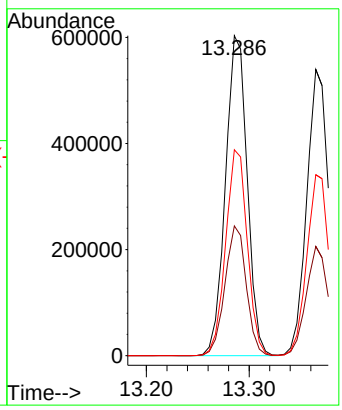


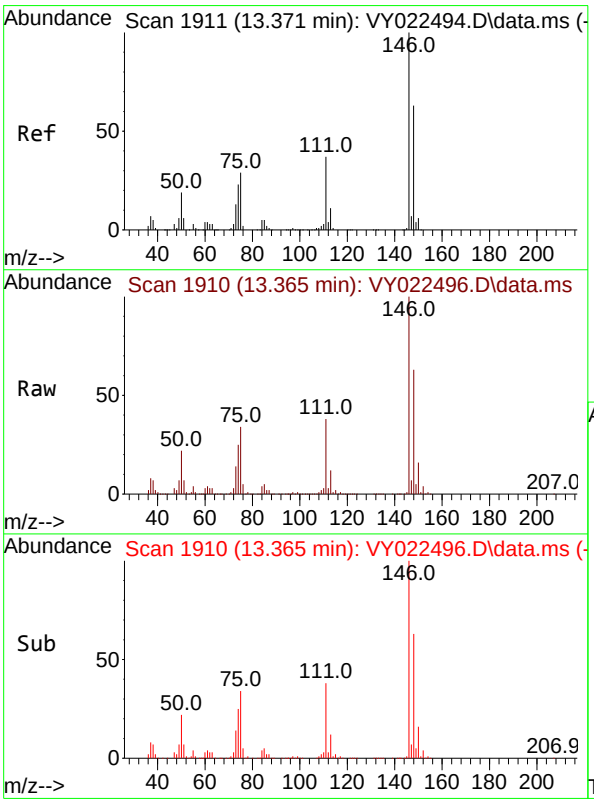
#87
1,3-Dichlorobenzene
Concen: 172.326 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 885058

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	64.2	32.1	96.3

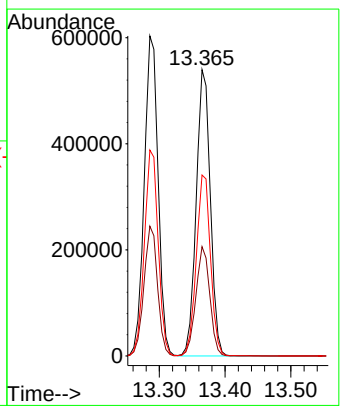


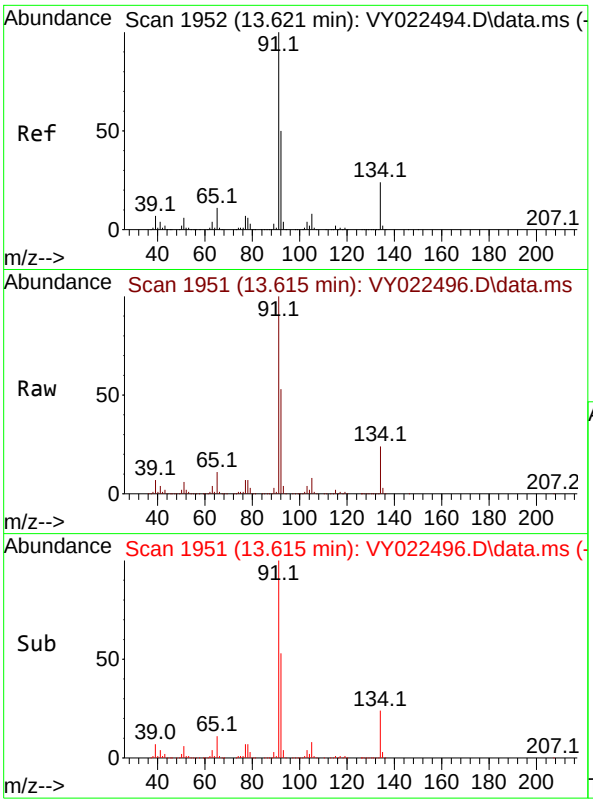


#88
1,4-Dichlorobenzene
Concen: 160.470 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:146 Resp: 803022

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.2
148	63.7	31.6	94.8



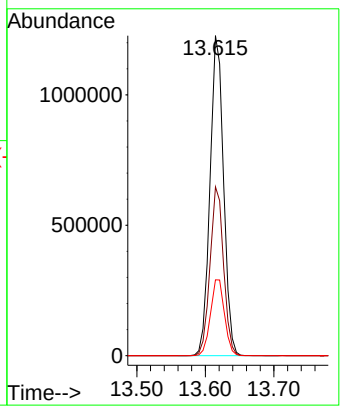


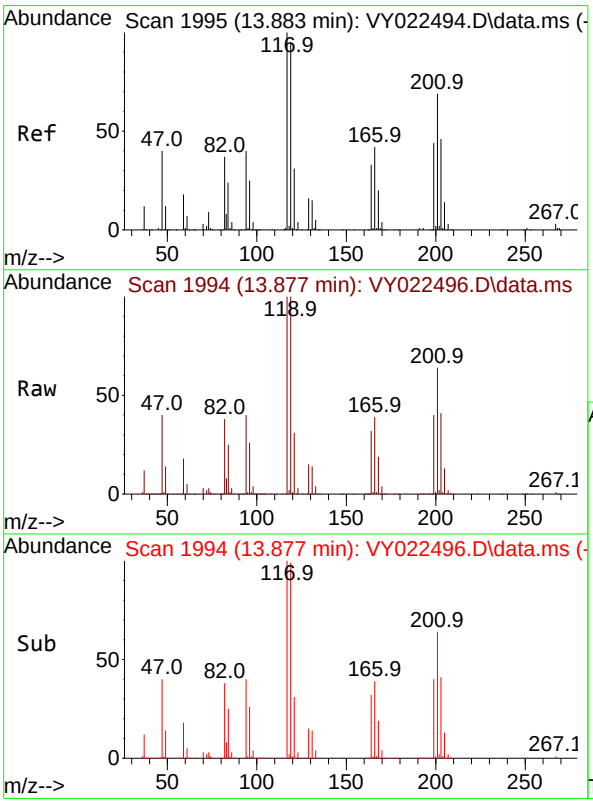
#89
n-Butylbenzene
Concen: 164.939 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1691118

Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.9	77.8
134	24.6	12.0	36.1

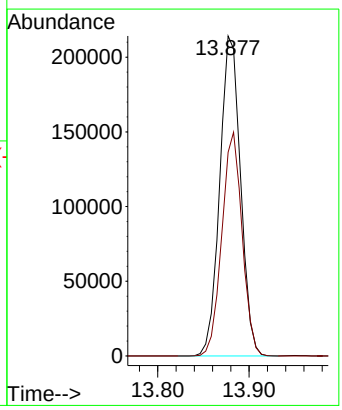


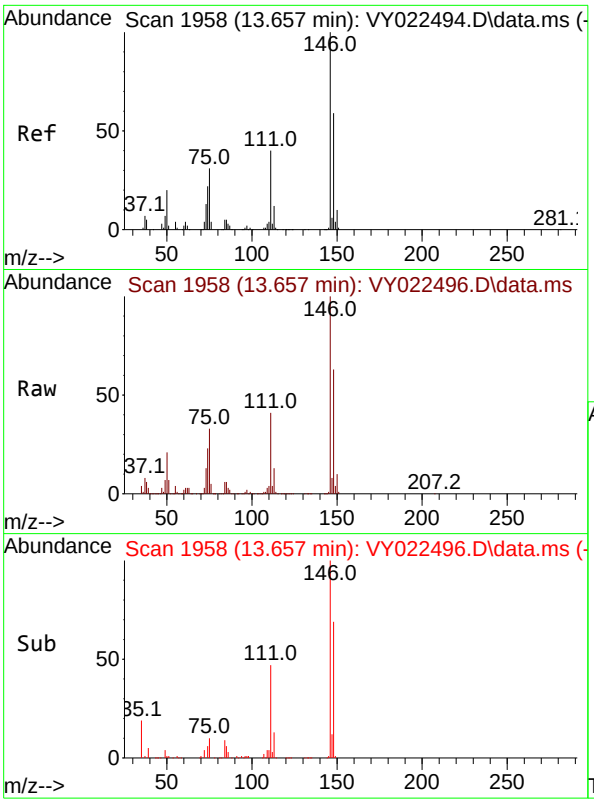


#90
Hexachloroethane
Concen: 160.801 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:117 Resp: 338845

Ion	Ratio	Lower	Upper
117	100		
201	68.2	34.0	102.0



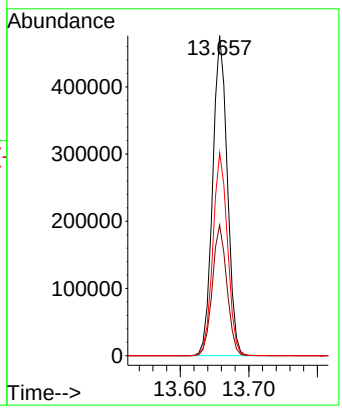


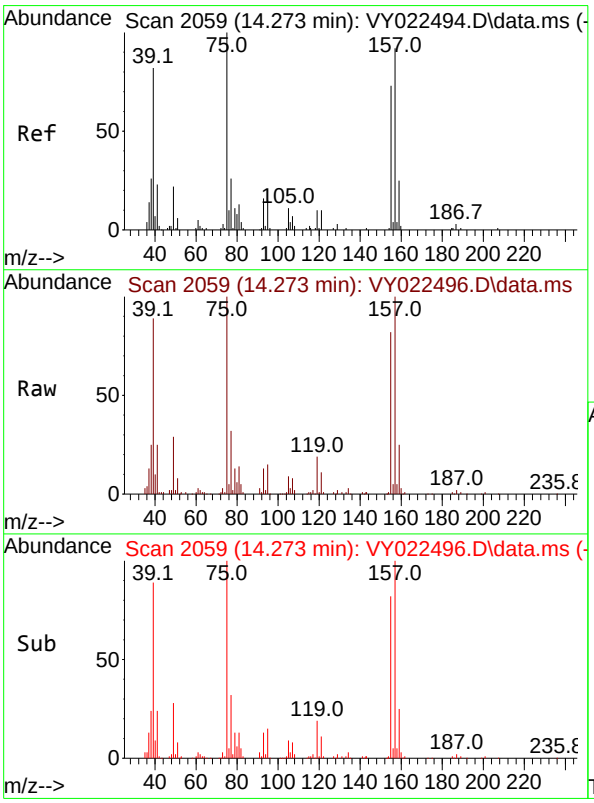
#91
1,2-Dichlorobenzene
Concen: 159.809 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 705129

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	63.2	31.4	94.0

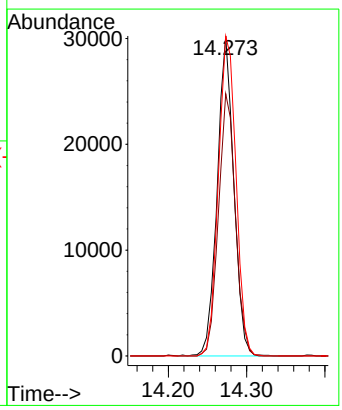


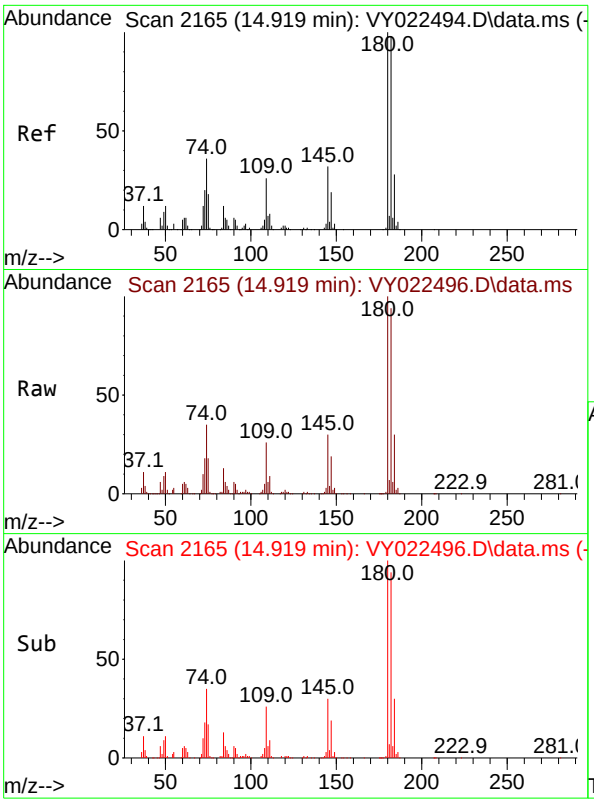


#92
1,2-Dibromo-3-Chloropropane
Concen: 149.709 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 44514

Ion	Ratio	Lower	Upper
75	100		
155	83.7	39.9	119.6
157	106.5	54.0	162.0



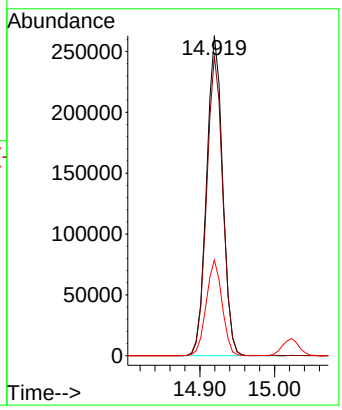


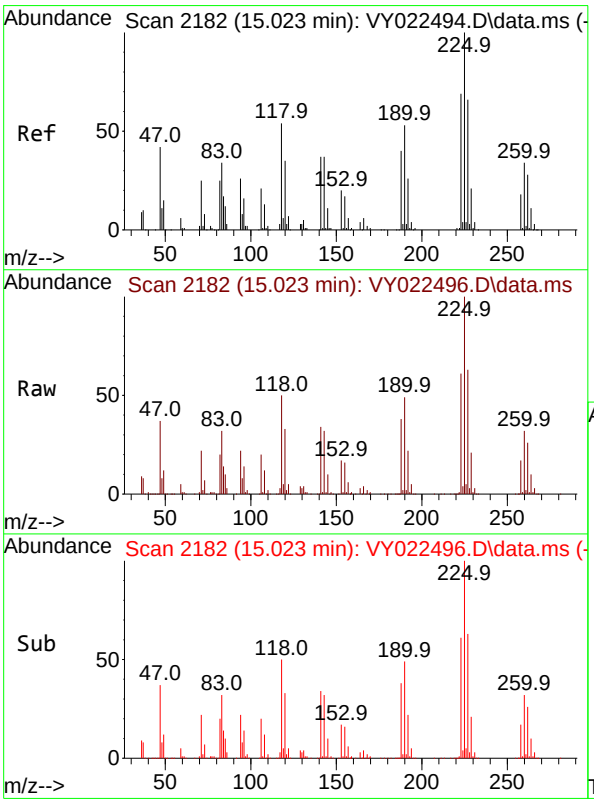
#93
1,2,4-Trichlorobenzene
Concen: 161.773 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 390170

Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.3
145	29.7	15.5	46.5

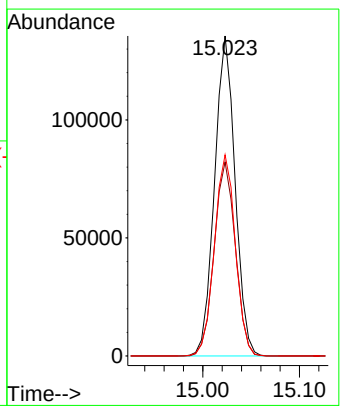


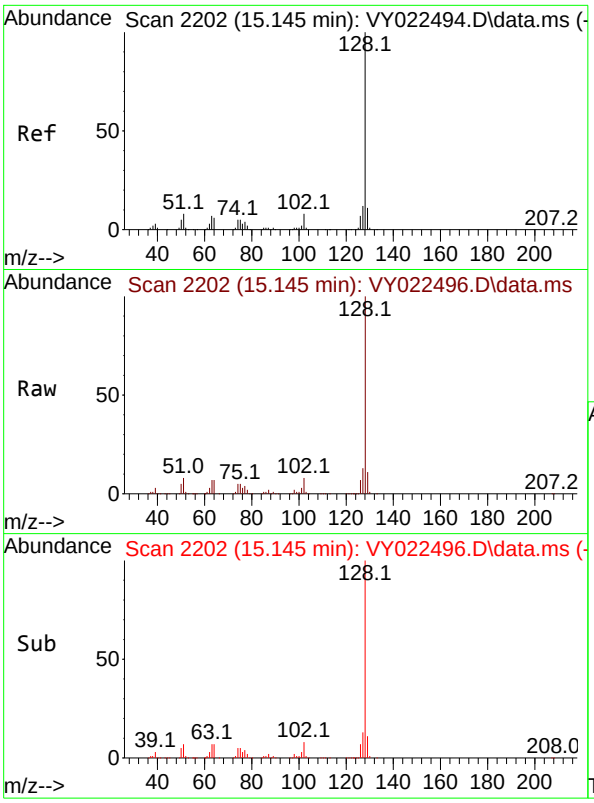


#94
Hexachlorobutadiene
Concen: 151.389 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:225 Resp: 199423

Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.5	97.4
227	64.2	32.3	96.9



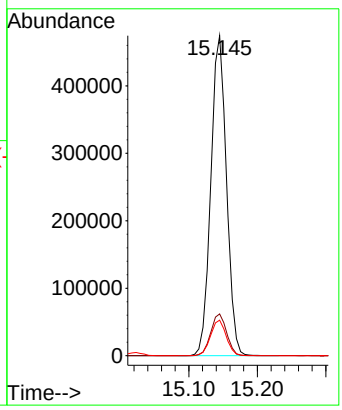


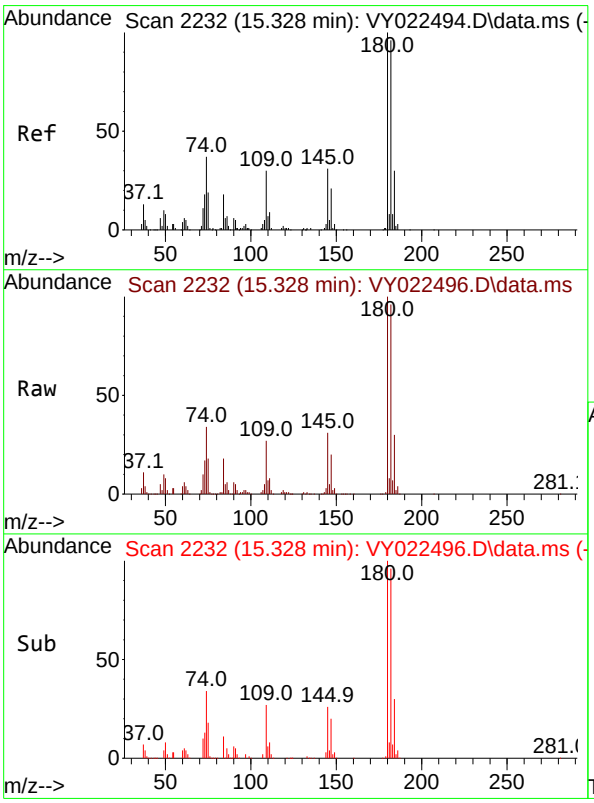
#95
Naphthalene
Concen: 162.970 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 753279

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.2	8.9	13.3

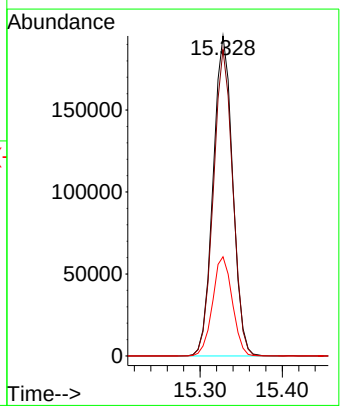




#96
1,2,3-Trichlorobenzene
Concen: 157.072 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:180 Resp: 321960

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.3
145	31.3	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	219240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	365013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	312263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	106759	43.538	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 87.080%			
35) Dibromofluoromethane	7.634	113	101692	46.676	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.360%			
50) Toluene-d8	10.109	98	411640	46.760	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.520%			
62) 4-Bromofluorobenzene	12.408	95	120253	45.847	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	84059	42.825	ug/l	99
3) Chloromethane	2.068	50	276116	47.616	ug/l	100
4) Vinyl Chloride	2.202	62	323338	48.066	ug/l	97
5) Bromomethane	2.599	94	274123	42.515	ug/l	99
6) Chloroethane	2.733	64	205816	44.575	ug/l	96
7) Trichlorofluoromethane	3.050	101	271122	47.475	ug/l	96
8) Diethyl Ether	3.458	74	56906	44.247	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	108788	45.230	ug/l	99
10) Methyl Iodide	4.007	142	116830	44.885	ug/l	100
11) Tert butyl alcohol	4.879	59	36036	205.761	ug/l	97
12) 1,1-Dichloroethene	3.787	96	106297	46.234	ug/l	98
13) Acrolein	3.653	56	48776	223.473	ug/l	98
14) Allyl chloride	4.385	41	165428	45.834	ug/l	99
15) Acrylonitrile	5.061	53	118175	216.963	ug/l	100
16) Acetone	3.873	43	110479	221.854	ug/l	99
17) Carbon Disulfide	4.104	76	341772	46.432	ug/l	100
18) Methyl Acetate	4.391	43	57416	38.935	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	284761	43.974	ug/l	99
20) Methylene Chloride	4.616	84	115624	40.875	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	118427	46.024	ug/l	95
22) Diisopropyl ether	6.019	45	354328	44.104	ug/l	96
23) Vinyl Acetate	5.964	43	1064896	223.951	ug/l	100
24) 1,1-Dichloroethane	5.915	63	217965	46.053	ug/l	98
25) 2-Butanone	6.897	43	158557	220.736	ug/l	98
26) 2,2-Dichloropropane	6.890	77	195035	46.639	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	136882	46.024	ug/l	99
28) Bromochloromethane	7.244	49	96031	46.547	ug/l	100
29) Tetrahydrofuran	7.262	42	98109	211.767	ug/l	100
30) Chloroform	7.427	83	215264	45.919	ug/l	94
31) Cyclohexane	7.701	56	206176	43.757	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	194039	46.627	ug/l	99
36) 1,1-Dichloropropene	7.835	75	166116	46.978	ug/l	99
37) Ethyl Acetate	6.988	43	68761	43.605	ug/l	98
38) Carbon Tetrachloride	7.823	117	173199	47.747	ug/l	97
39) Methylcyclohexane	9.110	83	222971	46.923	ug/l	99
40) Benzene	8.085	78	491078	47.020	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	39730	43.134	ug/l		99
42) 1,2-Dichloroethane	8.158	62	130161	45.644	ug/l		98
43) Isopropyl Acetate	8.201	43	150263	44.122	ug/l	#	88
44) Trichloroethene	8.866	130	118971	46.609	ug/l		97
45) 1,2-Dichloropropane	9.140	63	114988	46.587	ug/l		96
46) Dibromomethane	9.231	93	64473	46.430	ug/l		98
47) Bromodichloromethane	9.427	83	164872	46.825	ug/l		100
48) Methyl methacrylate	9.219	41	70644	44.198	ug/l		98
49) 1,4-Dioxane	9.231	88	13433	816.553	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.000	43	372276	219.250	ug/l		98
52) Toluene	10.170	92	309375	47.137	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	152066	46.094	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	177445	46.206	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	79596	44.953	ug/l		96
56) Ethyl methacrylate	10.439	69	115237	45.029	ug/l		99
57) 1,3-Dichloropropane	10.719	76	143407	45.696	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	283213	243.746	ug/l		99
59) 2-Hexanone	10.762	43	249926	220.088	ug/l		99
60) Dibromochloromethane	10.914	129	101515	45.114	ug/l		100
61) 1,2-Dibromoethane	11.018	107	74173	45.960	ug/l		97
64) Tetrachloroethene	10.646	164	121944	45.398	ug/l		98
65) Chlorobenzene	11.444	112	317533	45.953	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	105830	45.464	ug/l		98
67) Ethyl Benzene	11.518	91	605560	47.248	ug/l		99
68) m/p-Xylenes	11.633	106	454148	93.473	ug/l		100
69) o-Xylene	11.957	106	209354	45.959	ug/l		98
70) Styrene	11.969	104	352505	46.815	ug/l		98
71) Bromoform	12.133	173	55559	44.852	ug/l	#	98
73) Isopropylbenzene	12.255	105	559690	46.933	ug/l		100
74) N-amyl acetate	12.072	43	136915	45.502	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	87402	44.656	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	122591	73.772	ug/l	#	100
77) Bromobenzene	12.536	156	114771	45.607	ug/l		100
78) n-propylbenzene	12.597	91	680155	46.696	ug/l		99
79) 2-Chlorotoluene	12.682	91	358756	46.472	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	438873	46.876	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	29567	42.968	ug/l		100
82) 4-Chlorotoluene	12.780	91	368631	46.289	ug/l		100
83) tert-Butylbenzene	12.999	119	400440	47.655	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	437631	46.735	ug/l		99
85) sec-Butylbenzene	13.176	105	607968	47.241	ug/l		100
86) p-Isopropyltoluene	13.292	119	501979	47.321	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	234193	45.932	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	223096	45.113	ug/l		98
89) n-Butylbenzene	13.621	91	482774	47.968	ug/l		100
90) Hexachloroethane	13.883	117	97273	47.101	ug/l		98
91) 1,2-Dichlorobenzene	13.658	146	195728	45.213	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12728	44.665	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	109742	46.481	ug/l		97
94) Hexachlorobutadiene	15.023	225	59236	45.457	ug/l		98
95) Naphthalene	15.145	128	203925	45.009	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	89699	44.331	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

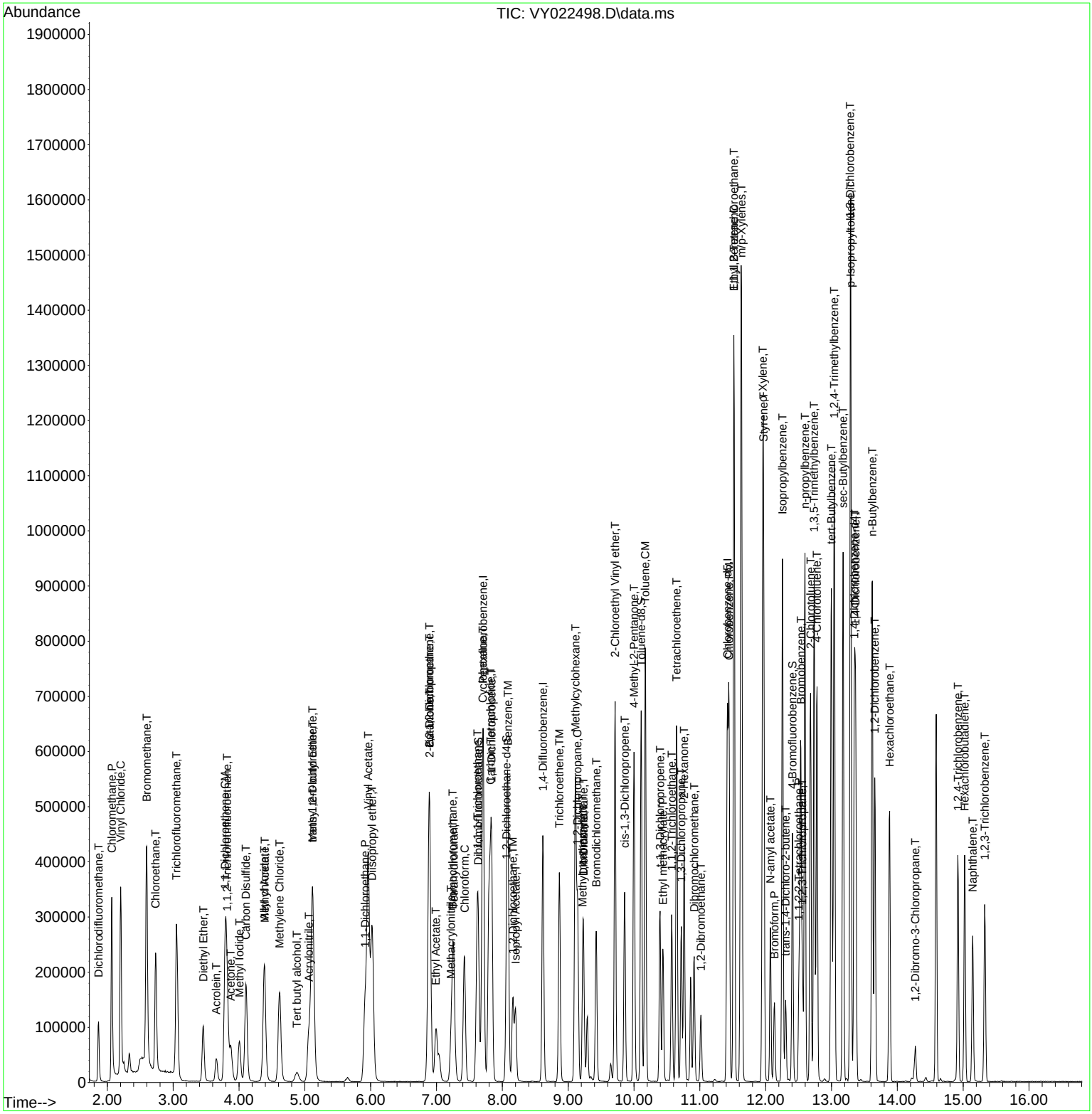
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

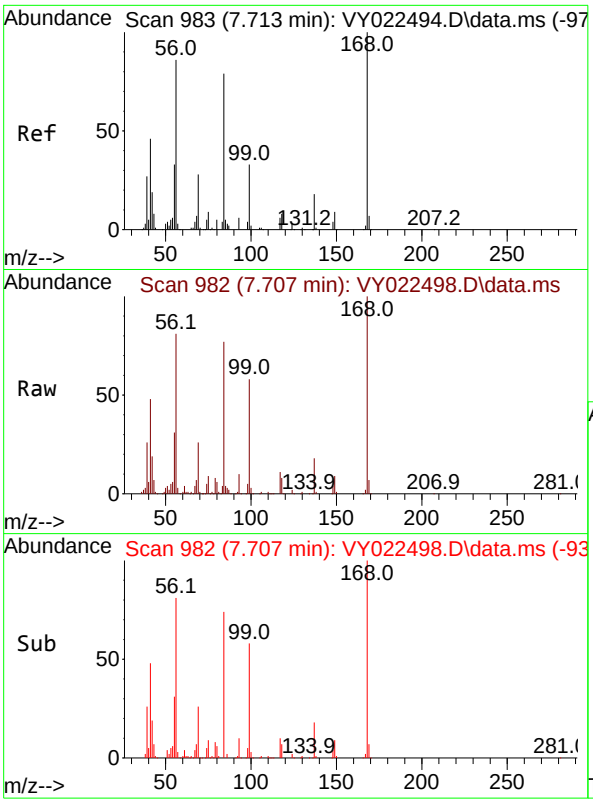
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration



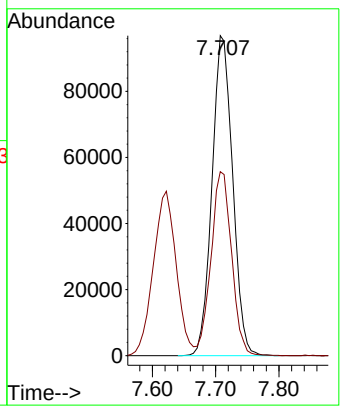


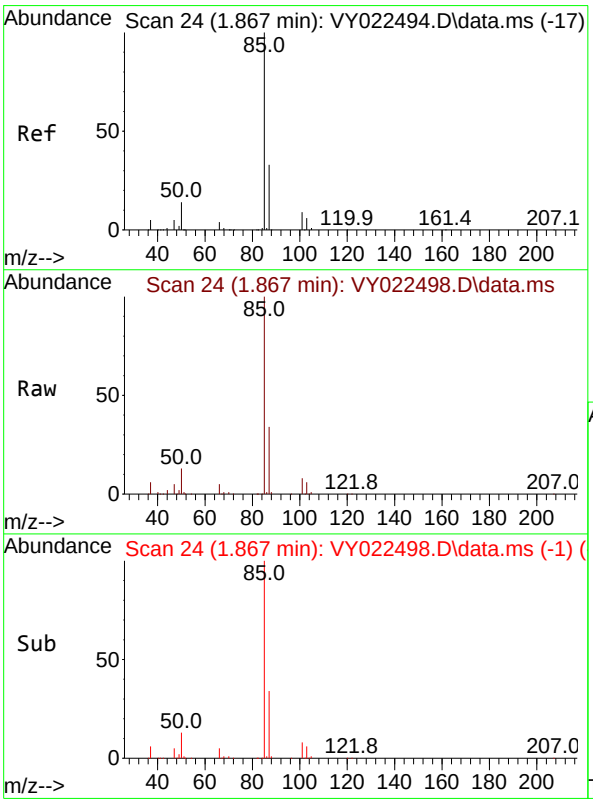
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:168 Resp: 219240

Ion	Ratio	Lower	Upper
168	100		
99	57.4	44.3	66.5

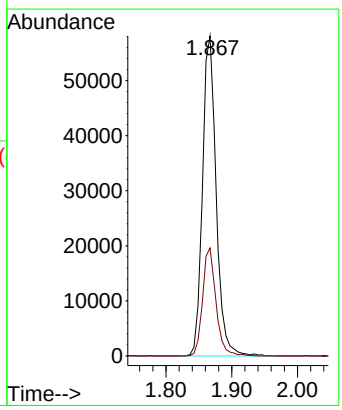


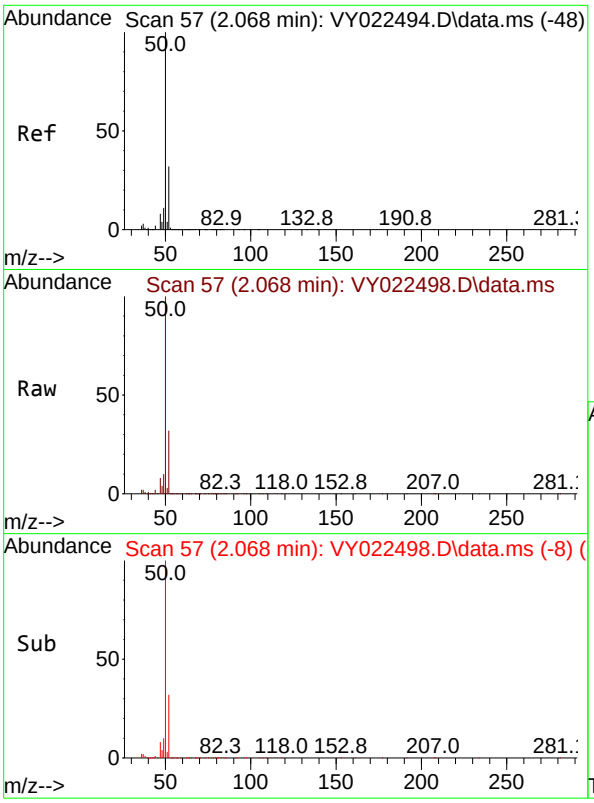


#2
Dichlorodifluoromethane
Concen: 42.825 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 85 Resp: 84059

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.7	50.0



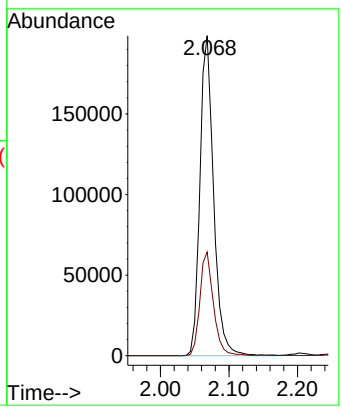


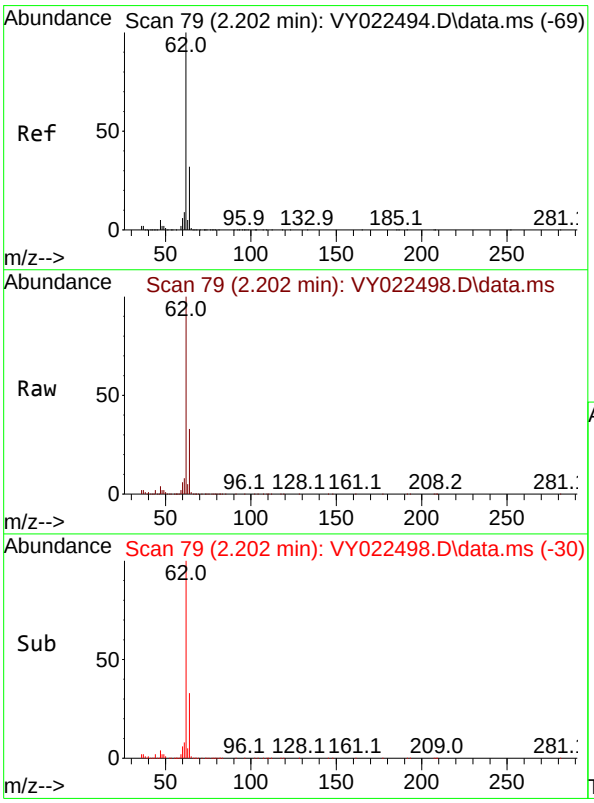
#3
Chloromethane
Concen: 47.616 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 50 Resp: 276116

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.0	39.0

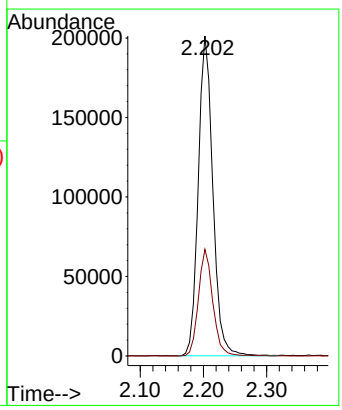


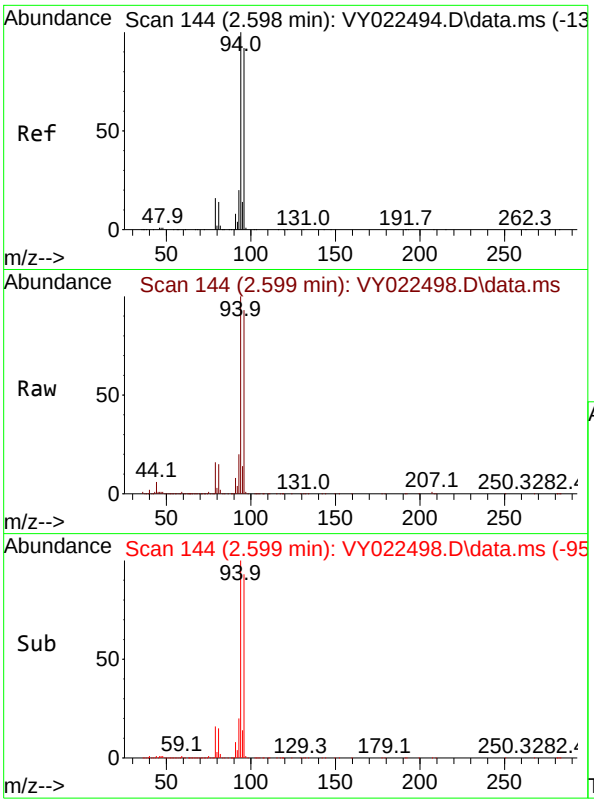


#4
Vinyl Chloride
Concen: 48.066 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 62 Resp: 323338

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.3	37.9



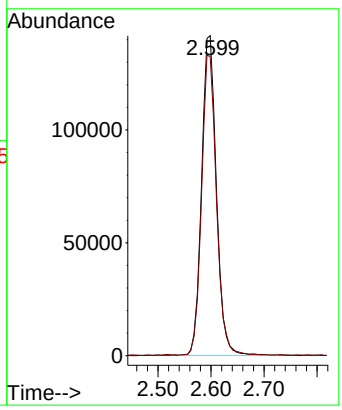


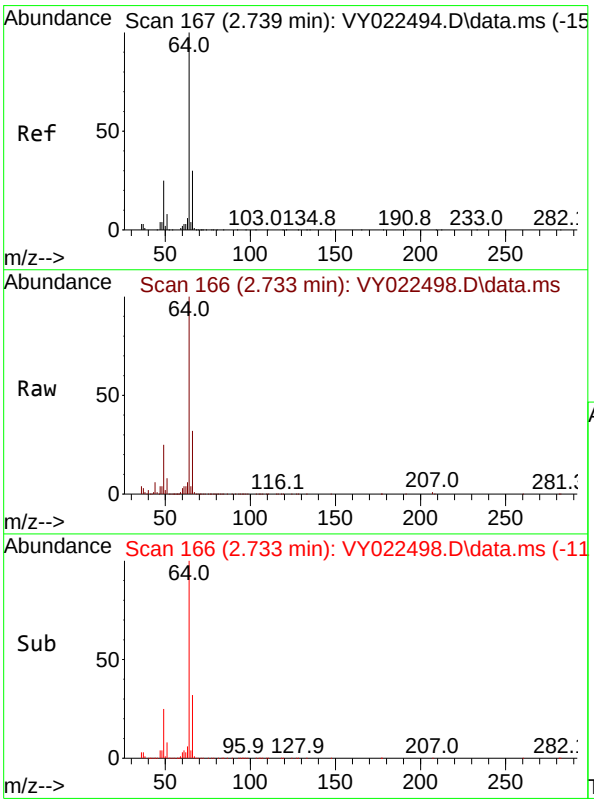
#5
Bromomethane
Concen: 42.515 ug/l
RT: 2.599 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 94 Resp: 274123

Ion	Ratio	Lower	Upper
94	100		
96	93.4	74.0	111.0

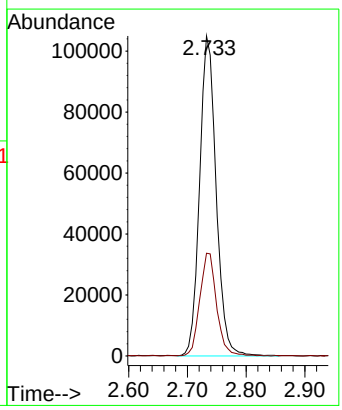


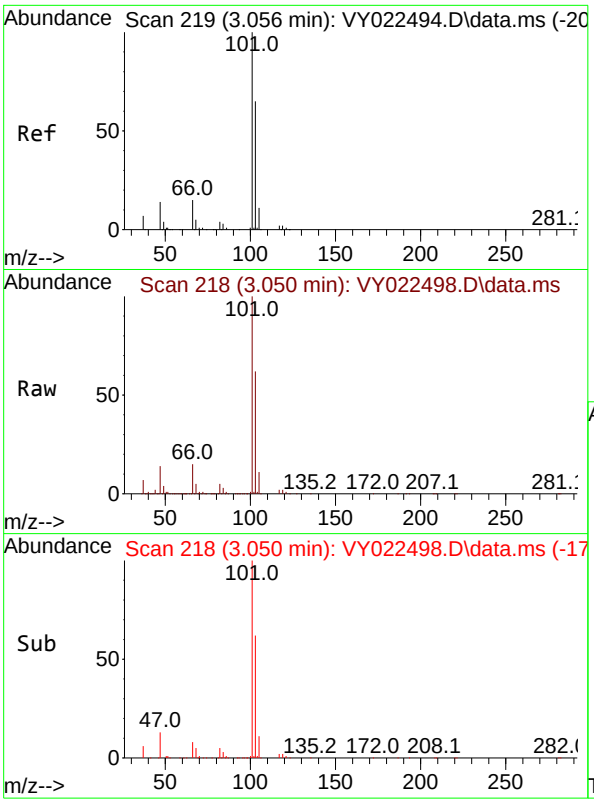


#6
Chloroethane
Concen: 44.575 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 64 Resp: 205816

Ion	Ratio	Lower	Upper
64	100		
66	32.0	23.8	35.6



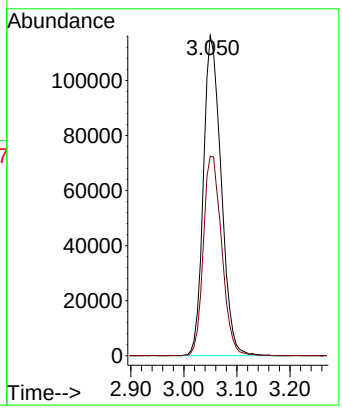


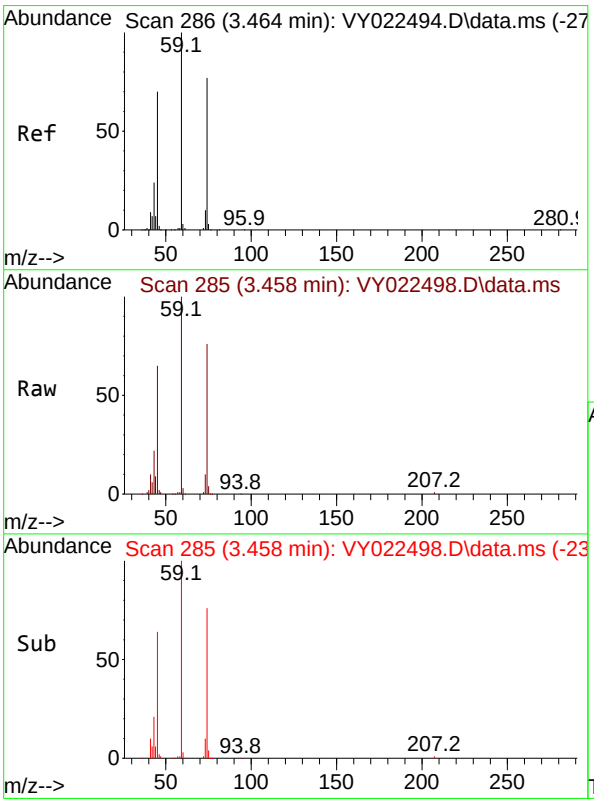
#7
Trichlorofluoromethane
Concen: 47.475 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:101 Resp: 271122

Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.2	78.2

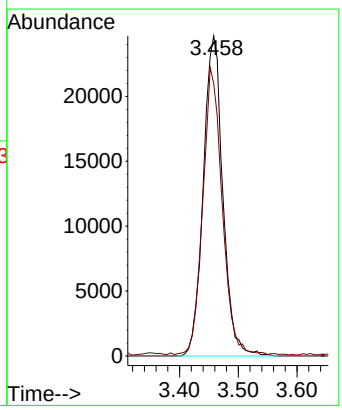


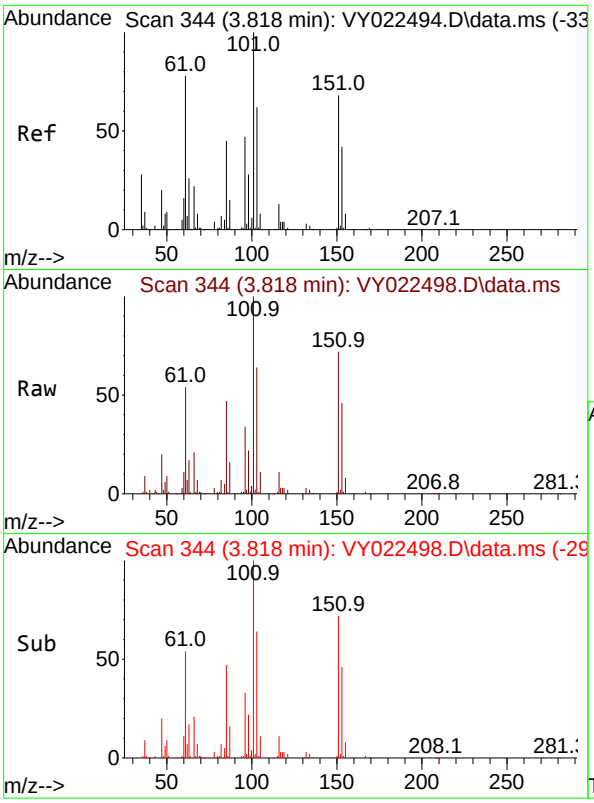


#8
Diethyl Ether
Concen: 44.247 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 74 Resp: 56906

Ion	Ratio	Lower	Upper
74	100		
45	89.1	45.9	137.6



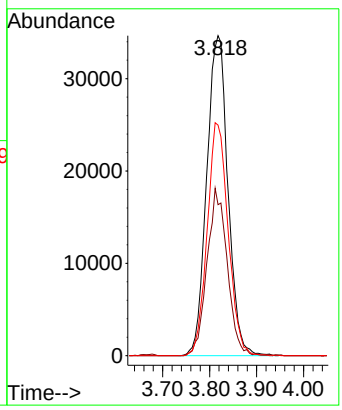


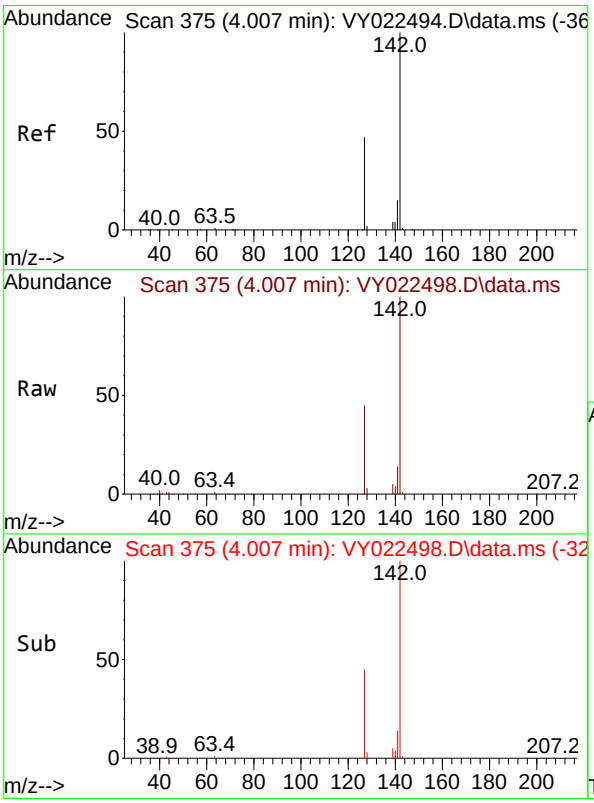
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.230 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:101 Resp: 108788

Ion	Ratio	Lower	Upper
101	100		
85	49.7	39.3	58.9
151	71.8	57.8	86.8

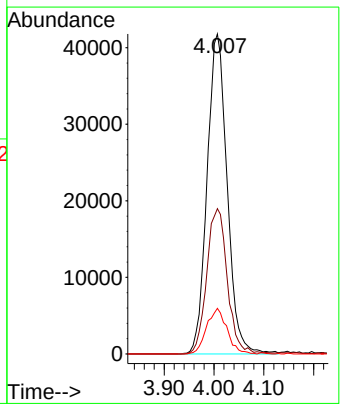


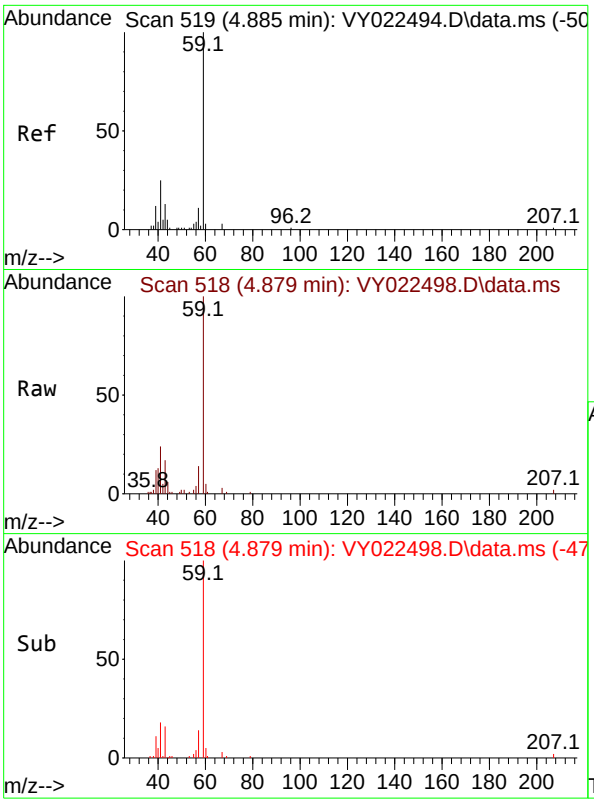


#10
Methyl Iodide
Concen: 44.885 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:142 Resp: 116830

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.1	55.7
141	14.5	11.4	17.2



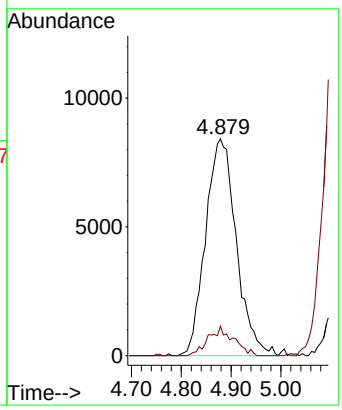


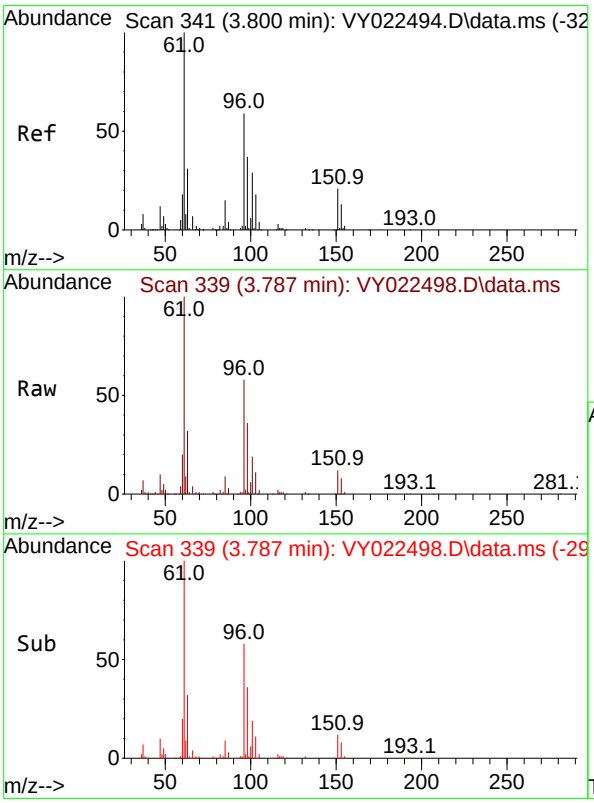
#11
Tert butyl alcohol
Concen: 205.761 ug/l
RT: 4.879 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 59 Resp: 36036

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.0	12.0

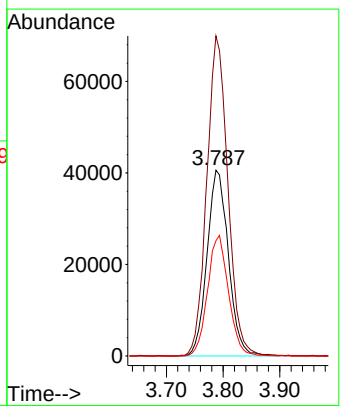


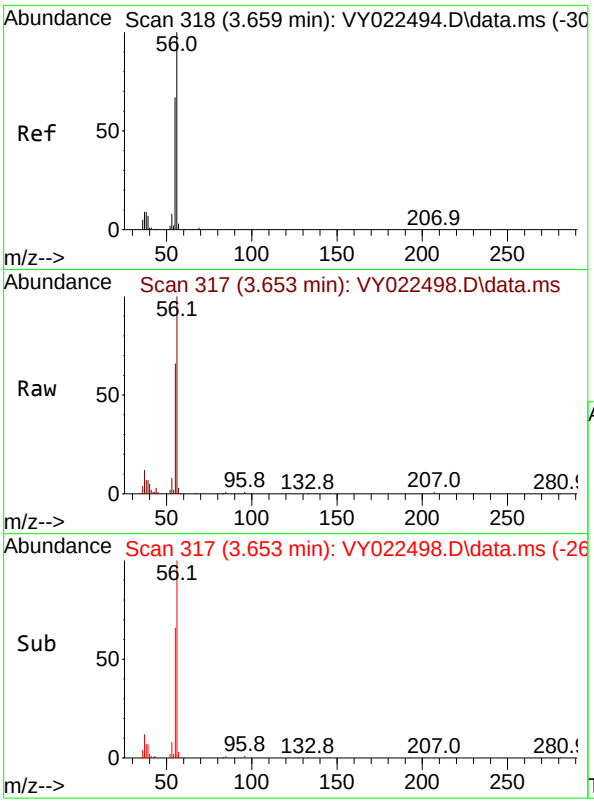


#12
1,1-Dichloroethene
Concen: 46.234 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 96 Resp: 106297

Ion	Ratio	Lower	Upper
96	100		
61	172.2	134.6	201.8
98	62.0	50.2	75.4



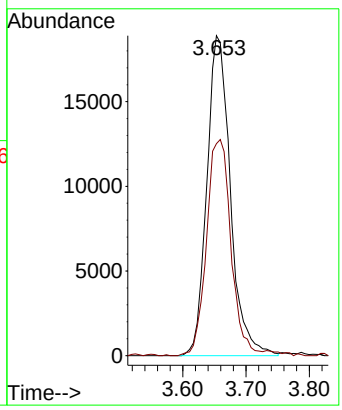


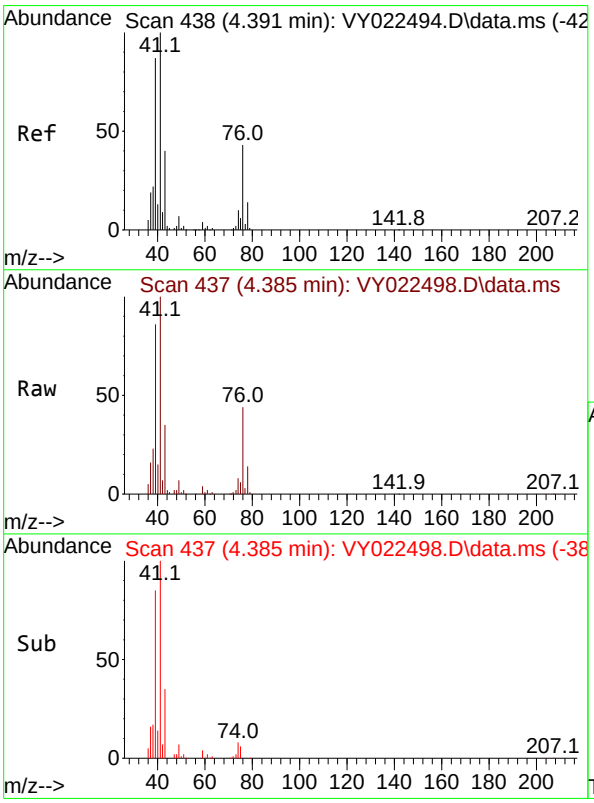
#13
Acrolein
Concen: 223.473 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 56 Resp: 48776

Ion	Ratio	Lower	Upper
56	100		
55	70.0	57.0	85.6

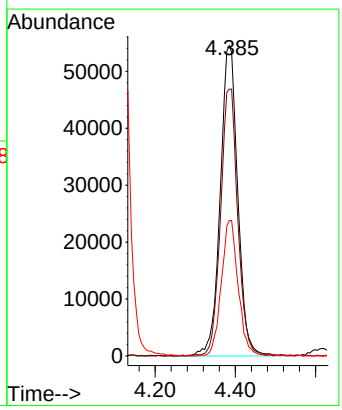


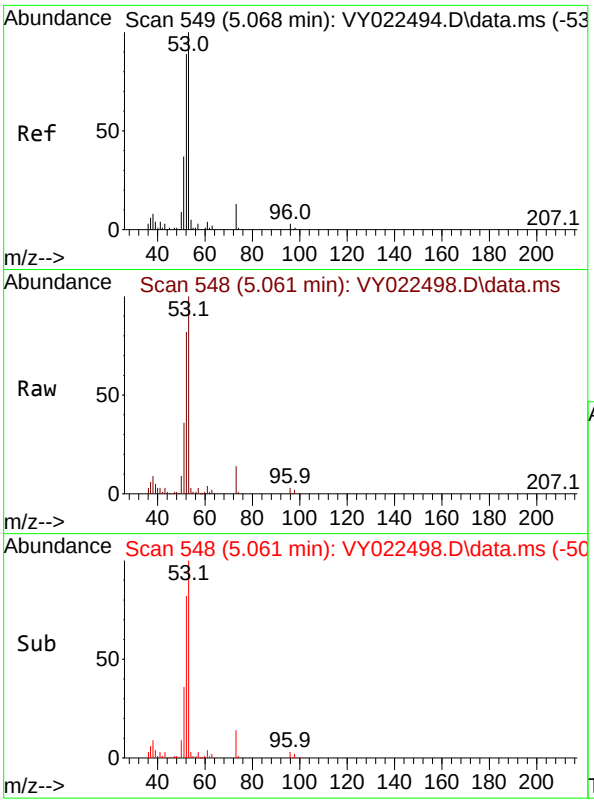


#14
Allyl chloride
Concen: 45.834 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 165428

Ion	Ratio	Lower	Upper
41	100		
39	84.5	69.1	103.7
76	41.9	33.5	50.3



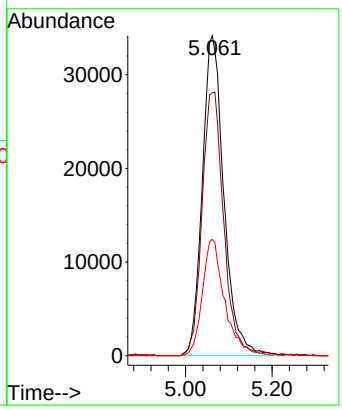


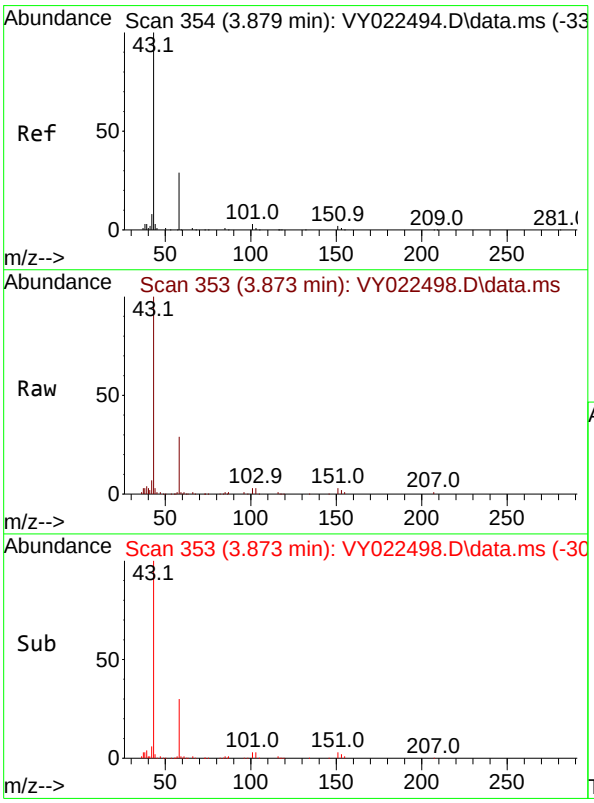
#15
Acrylonitrile
Concen: 216.963 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 53 Resp: 118175

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	37.5	30.1	45.1

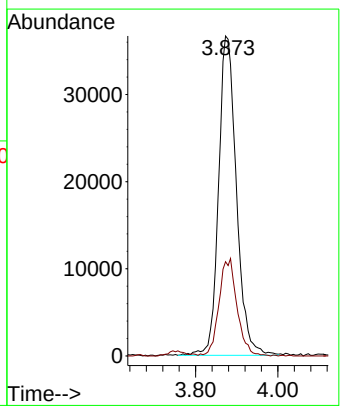


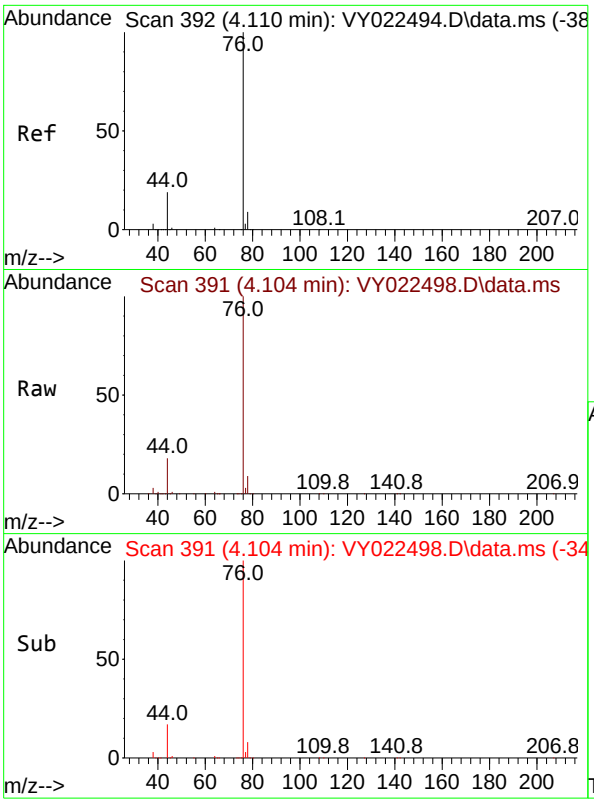


#16
Acetone
Concen: 221.854 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 110479

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.0	36.0



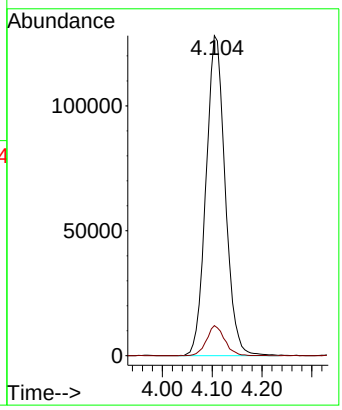


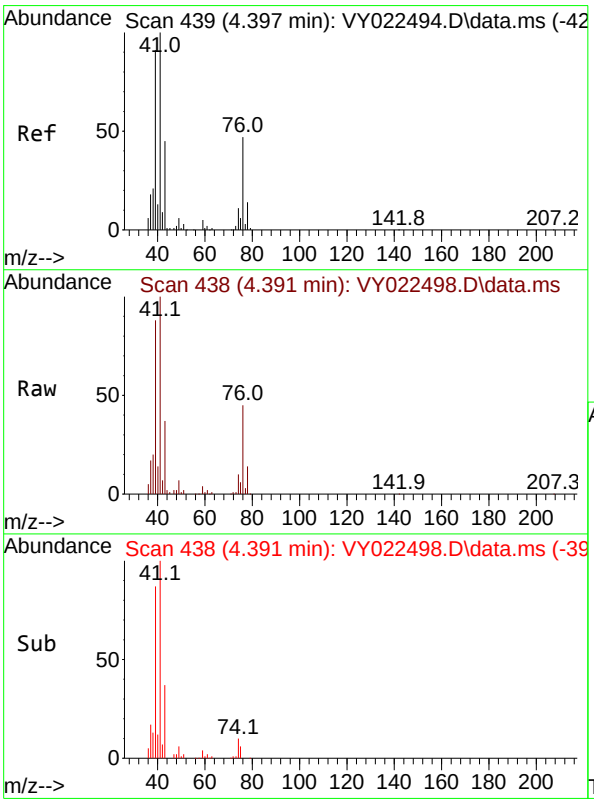
#17
Carbon Disulfide
Concen: 46.432 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 76 Resp: 341772

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

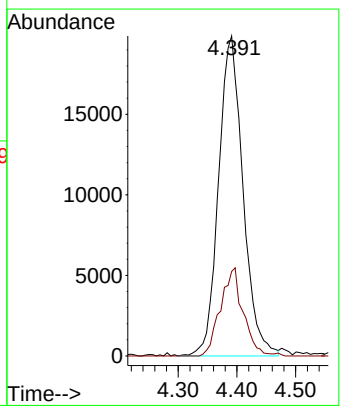


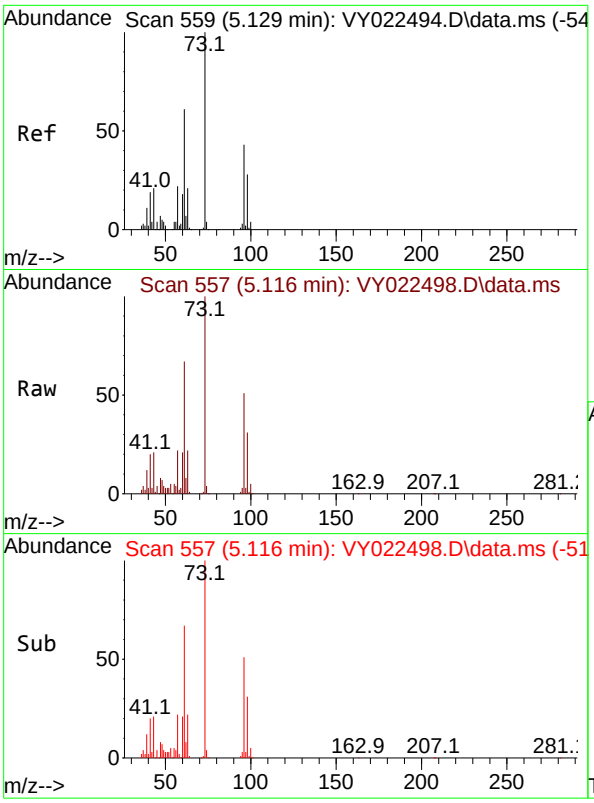


#18
Methyl Acetate
Concen: 38.935 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 57416

Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.8	29.6



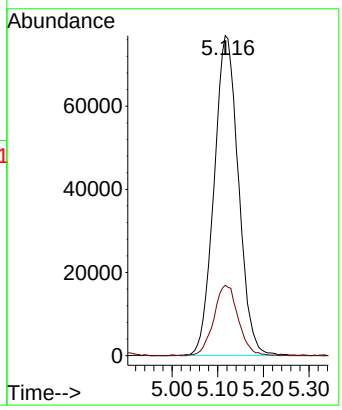


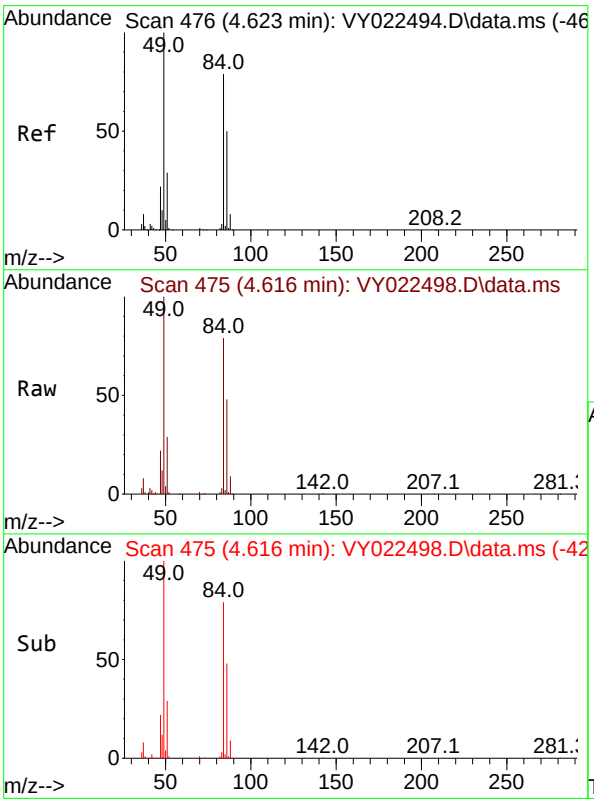
#19
Methyl tert-butyl Ether
Concen: 43.974 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 73 Resp: 284761

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.4	26.0

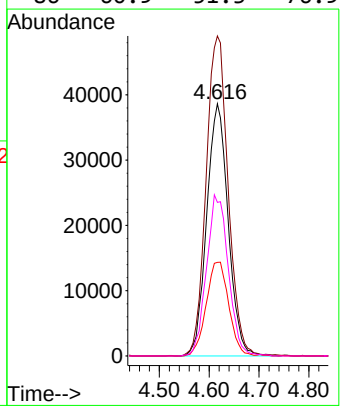


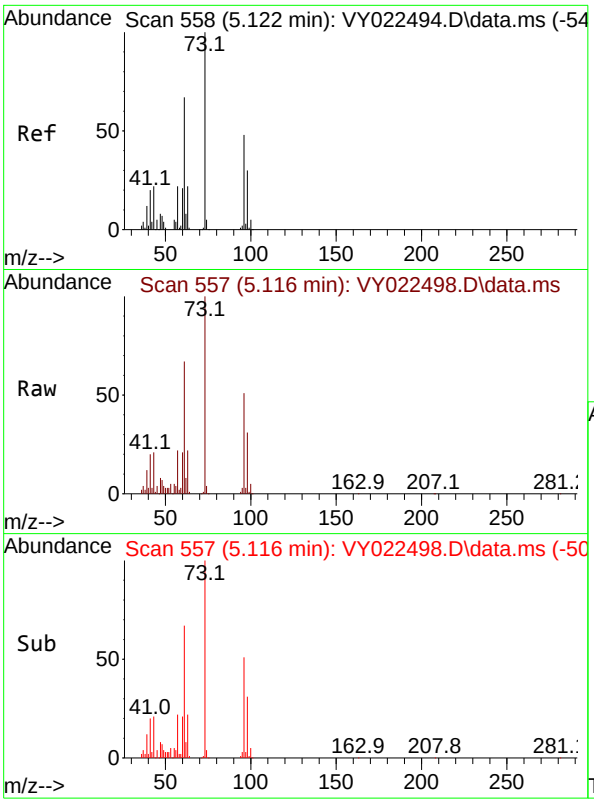


#20
Methylene Chloride
Concen: 40.875 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 84 Resp: 115624

Ion	Ratio	Lower	Upper
84	100		
49	126.9	101.9	152.9
51	37.1	29.8	44.8
86	60.9	51.3	76.9



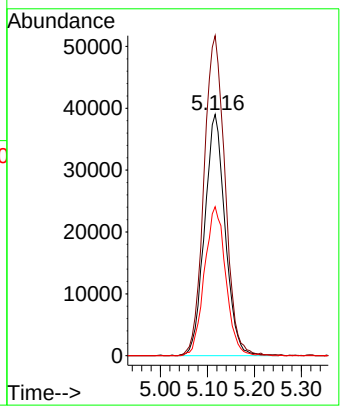


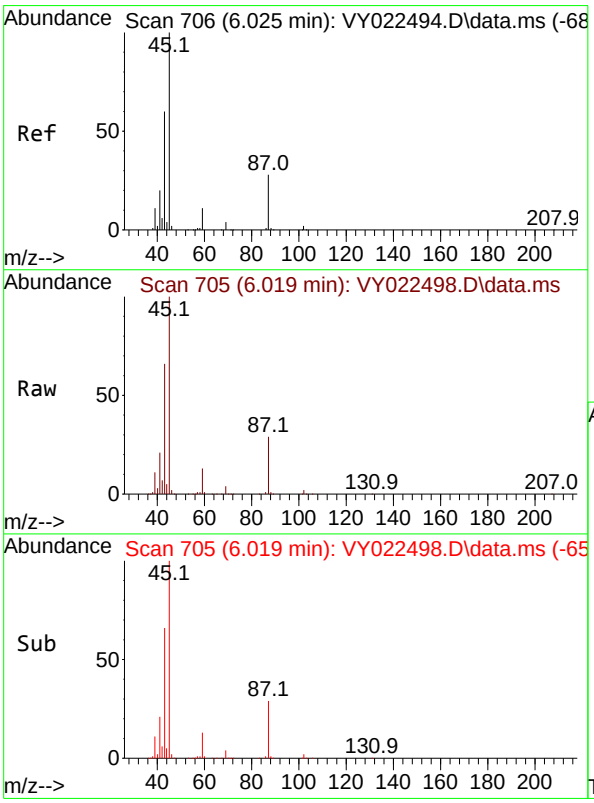
#21
trans-1,2-Dichloroethene
Concen: 46.024 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 96 Resp: 118427

Ion	Ratio	Lower	Upper
96	100		
61	132.6	112.6	169.0
98	61.8	50.6	75.8

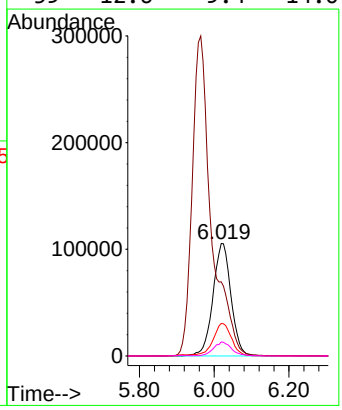


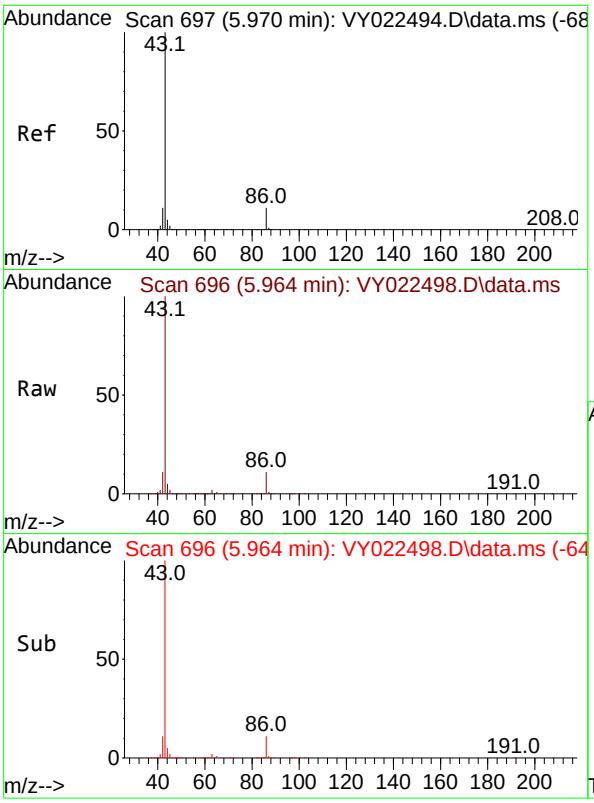


#22
Diisopropyl ether
Concen: 44.104 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 45 Resp: 354328

Ion	Ratio	Lower	Upper
45	100		
43	65.4	48.3	72.5
87	28.8	23.0	34.6
59	12.6	9.4	14.0



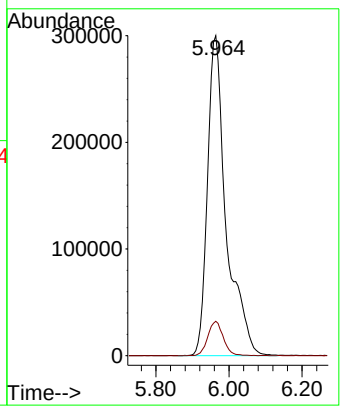


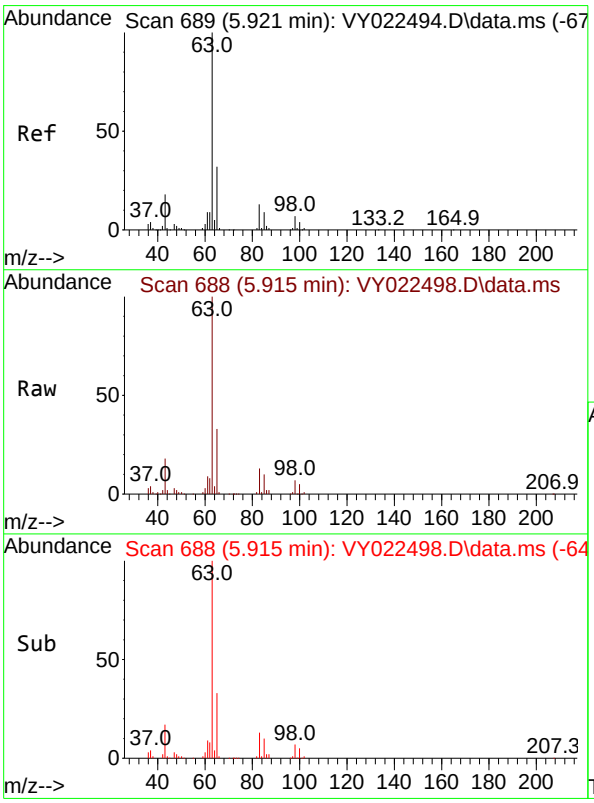
#23
Vinyl Acetate
Concen: 223.951 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 1064896

Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	12.8

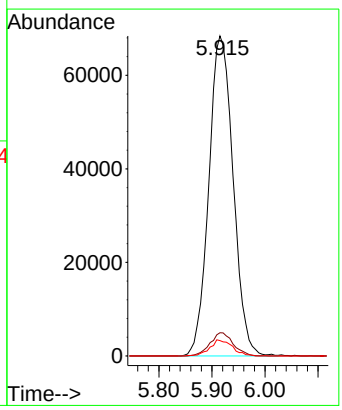


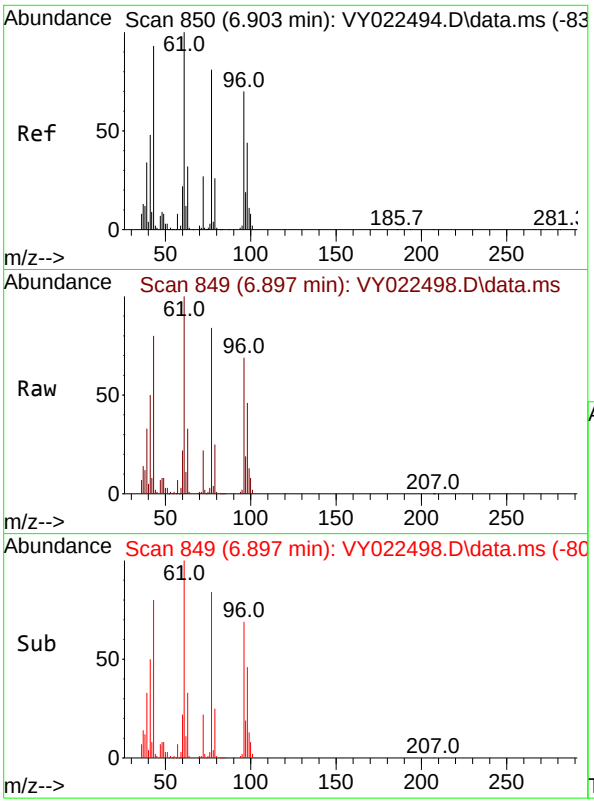


#24
1,1-Dichloroethane
Concen: 46.053 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 63 Resp: 217965

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.4	10.1
100	4.8	2.1	6.3



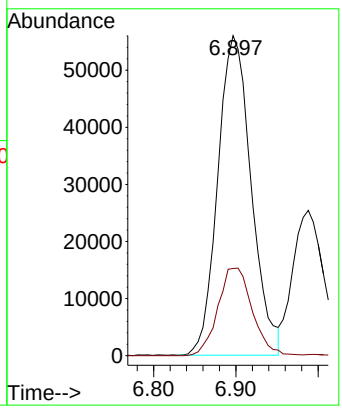


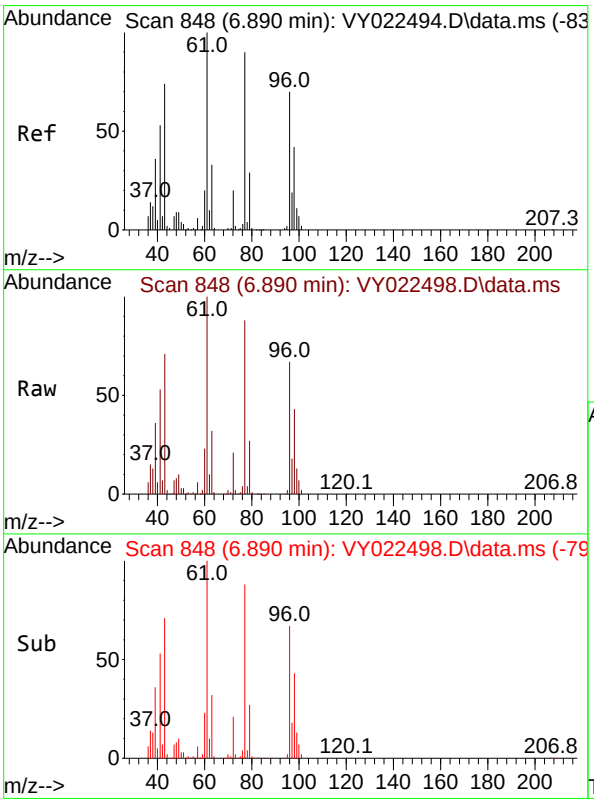
#25
2-Butanone
Concen: 220.736 ug/l
RT: 6.897 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 158557

Ion	Ratio	Lower	Upper
43	100		
72	27.3	22.9	34.3

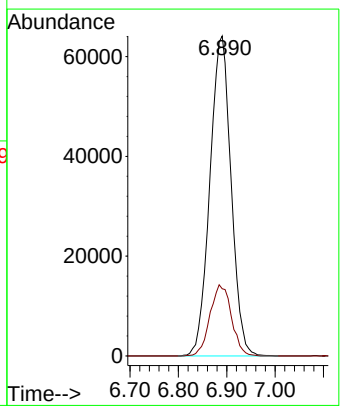


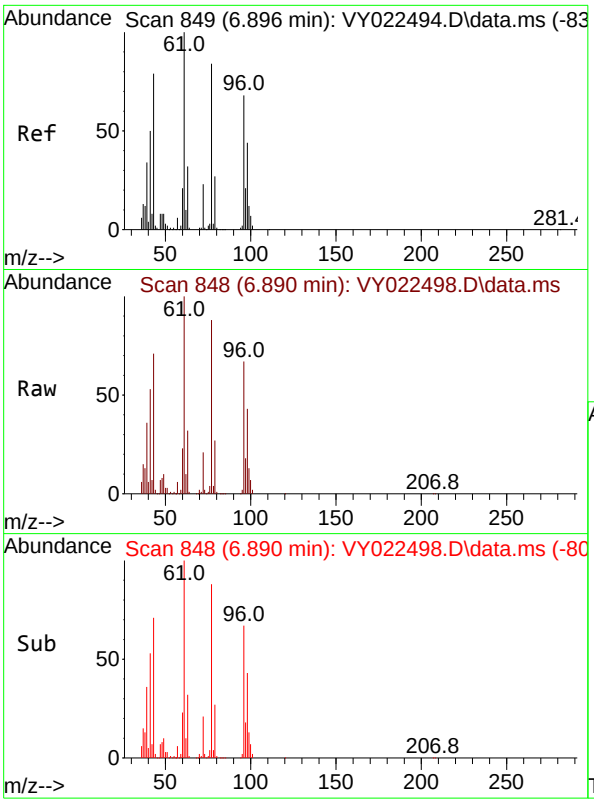


#26
2,2-Dichloropropane
Concen: 46.639 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 77 Resp: 195035

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.4	34.2



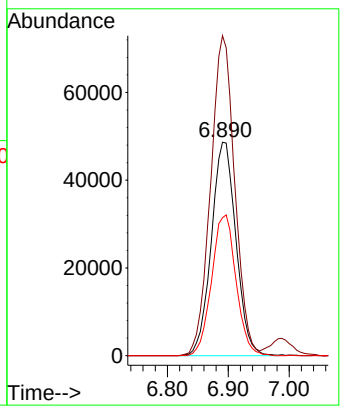


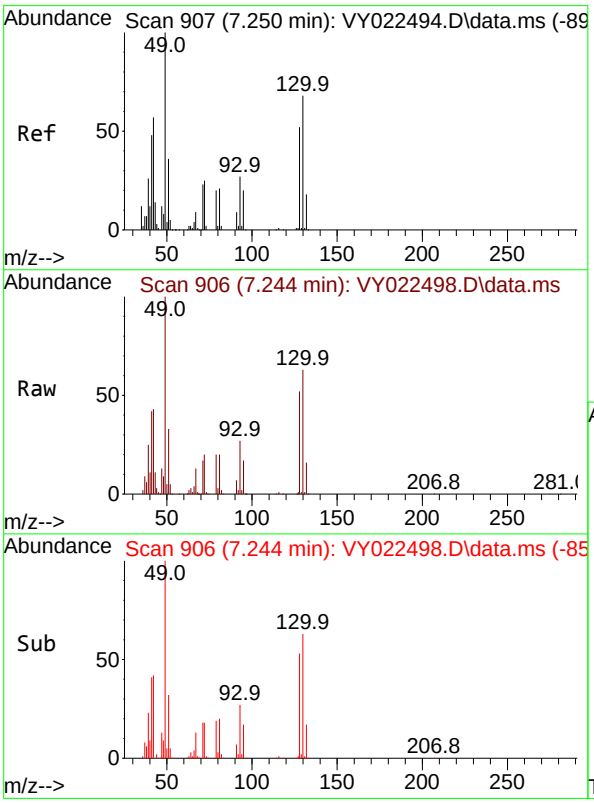
#27
cis-1,2-Dichloroethene
Concen: 46.024 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 96 Resp: 136882

Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	290.0
98	65.3	0.0	128.4

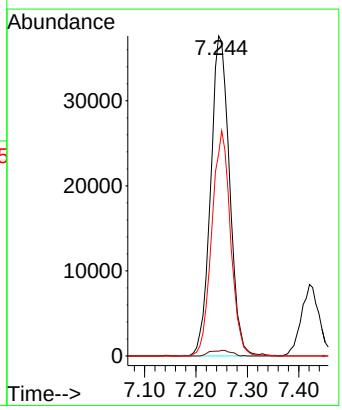


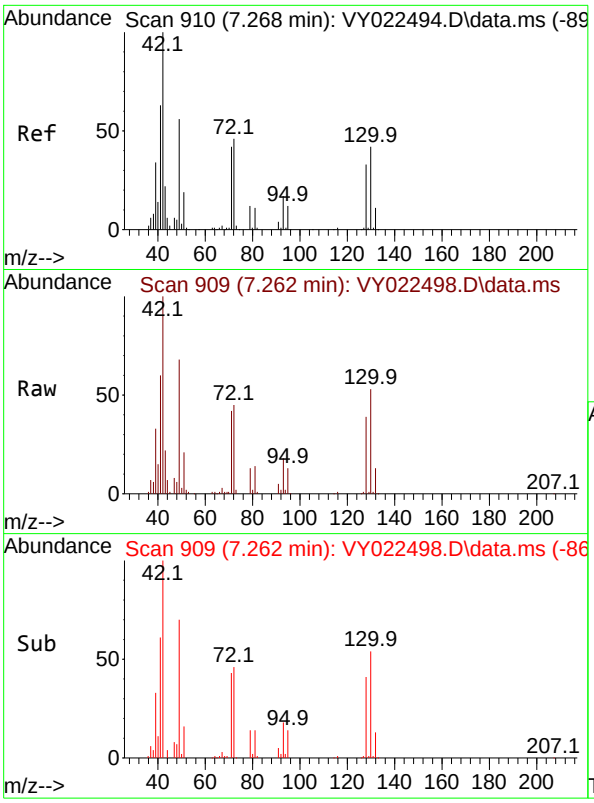


#28
Bromochloromethane
Concen: 46.547 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 49 Resp: 96031

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	69.6	55.7	83.5



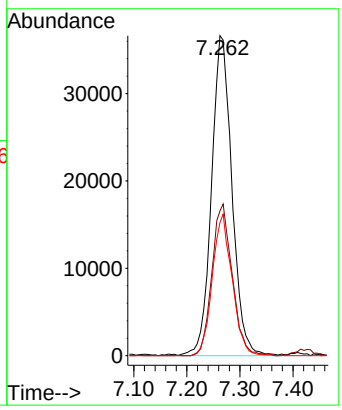


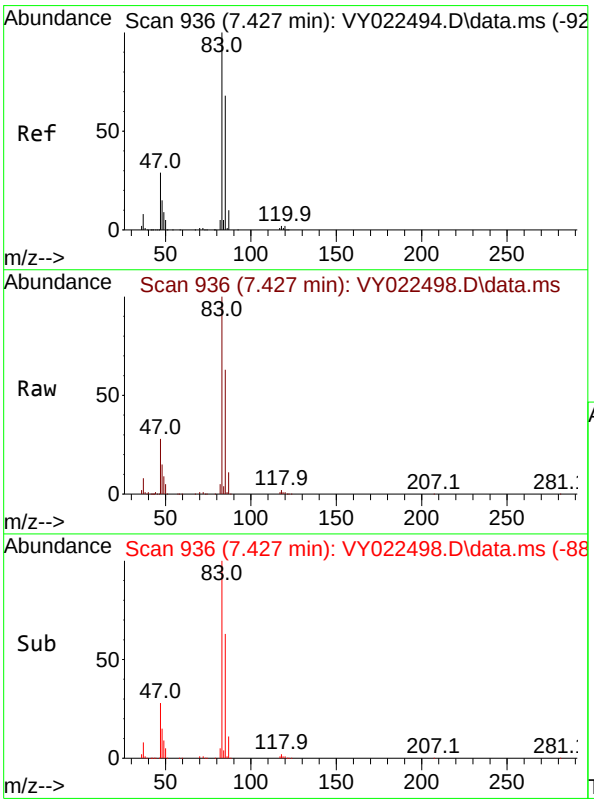
#29
Tetrahydrofuran
Concen: 211.767 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 42 Resp: 98109

Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.4	56.2
71	42.7	34.2	51.2

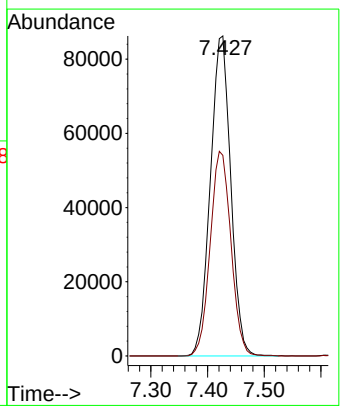


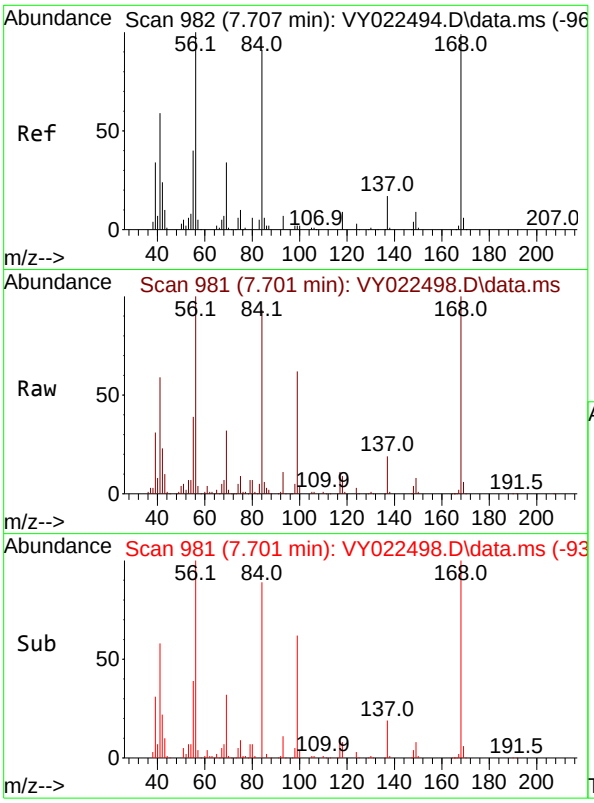


#30
Chloroform
Concen: 45.919 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 83 Resp: 215264

Ion	Ratio	Lower	Upper
83	100		
85	62.7	54.2	81.4



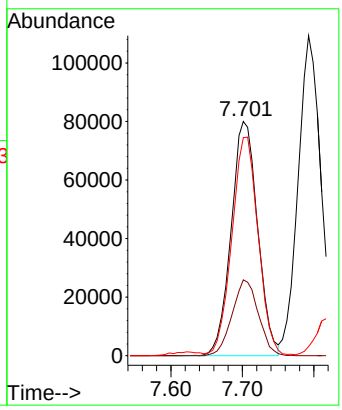


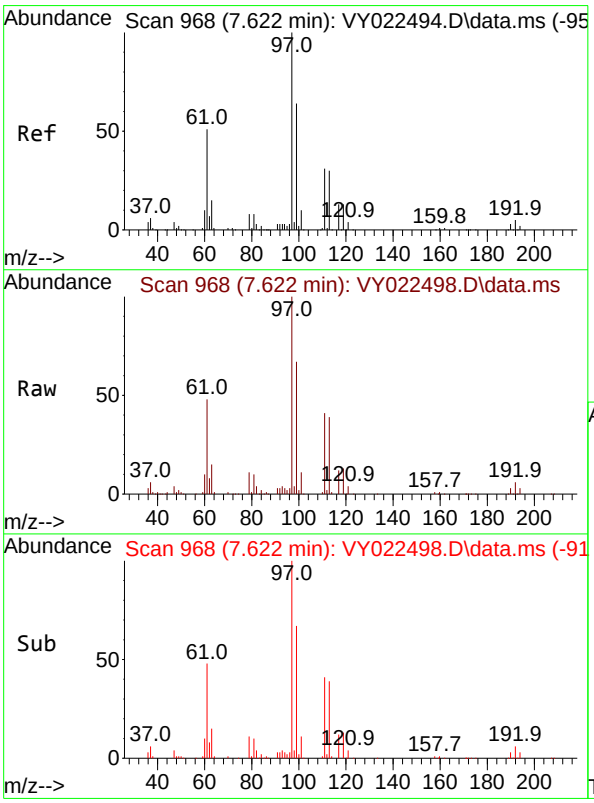
#31
Cyclohexane
Concen: 43.757 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 56 Resp: 206176

Ion	Ratio	Lower	Upper
56	100		
69	32.4	27.0	40.6
84	91.7	72.6	109.0

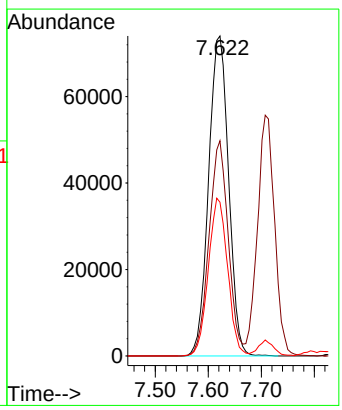


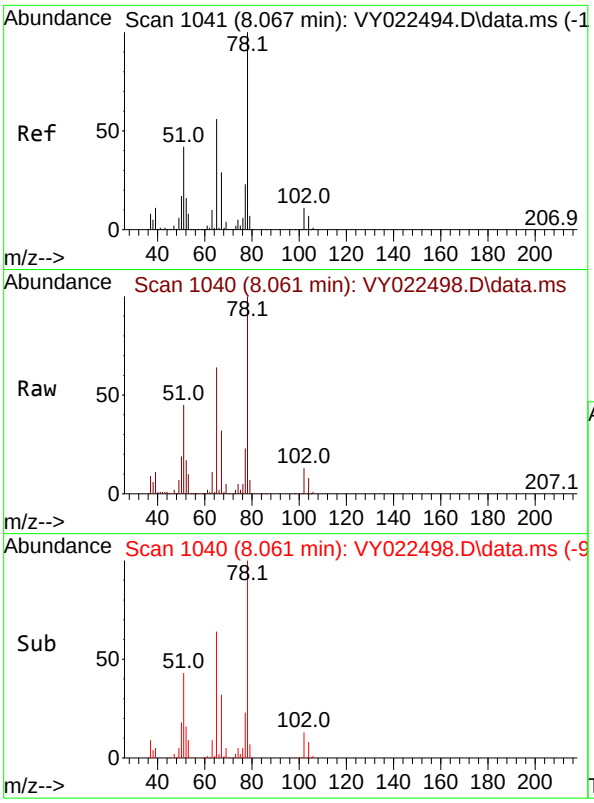


#32
1,1,1-Trichloroethane
Concen: 46.627 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 97 Resp: 194039

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.9	76.3
61	47.8	38.5	57.7



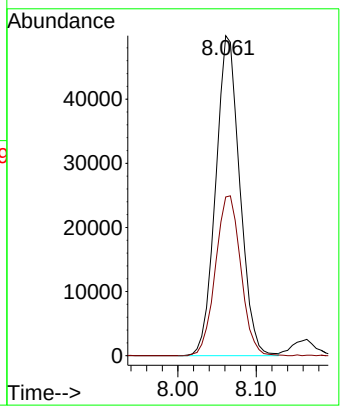


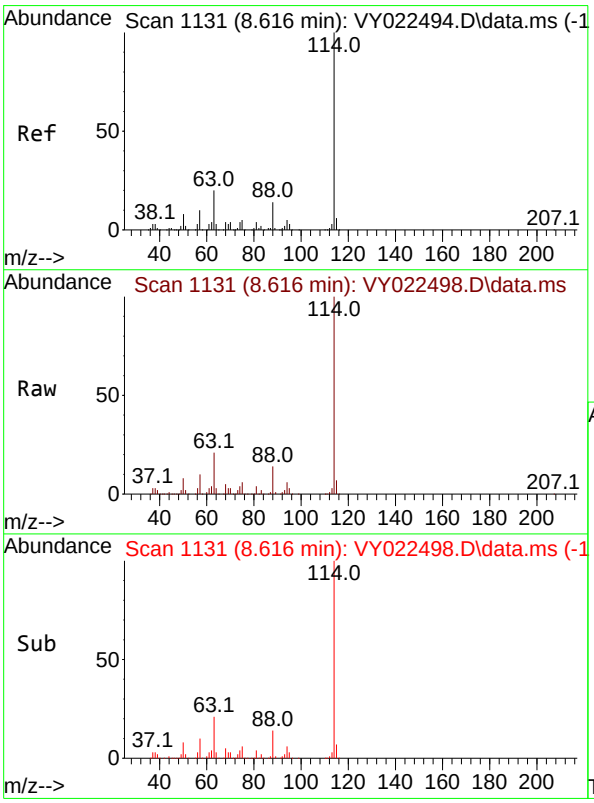
#33
1,2-Dichloroethane-d4
Concen: 43.538 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 65 Resp: 106759

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.4

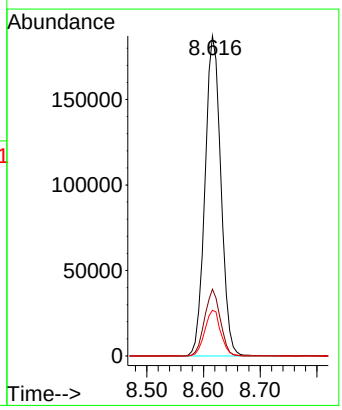


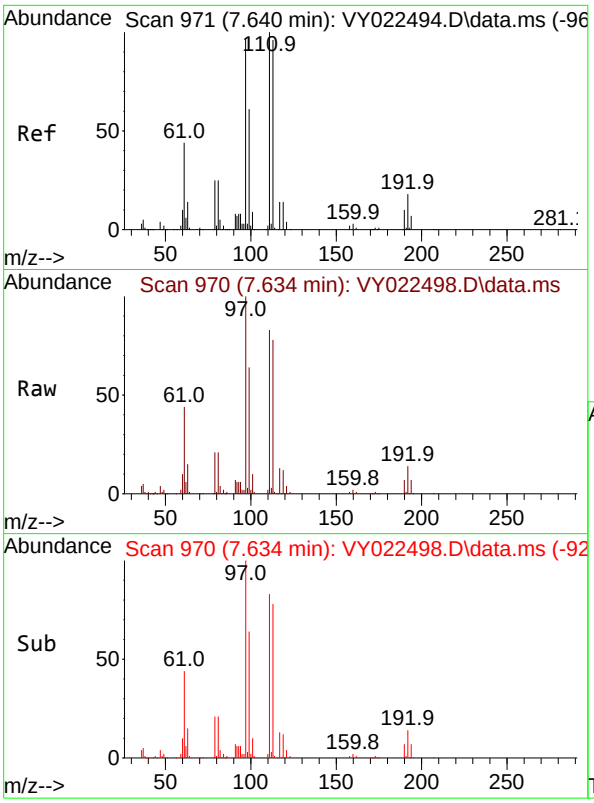


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:114 Resp: 365013

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	14.3	0.0	27.8



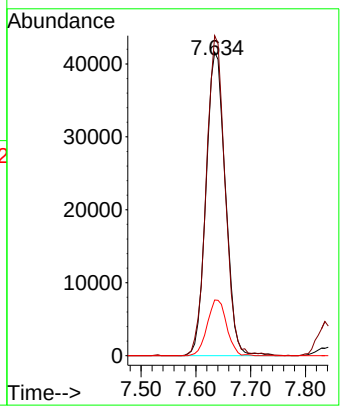


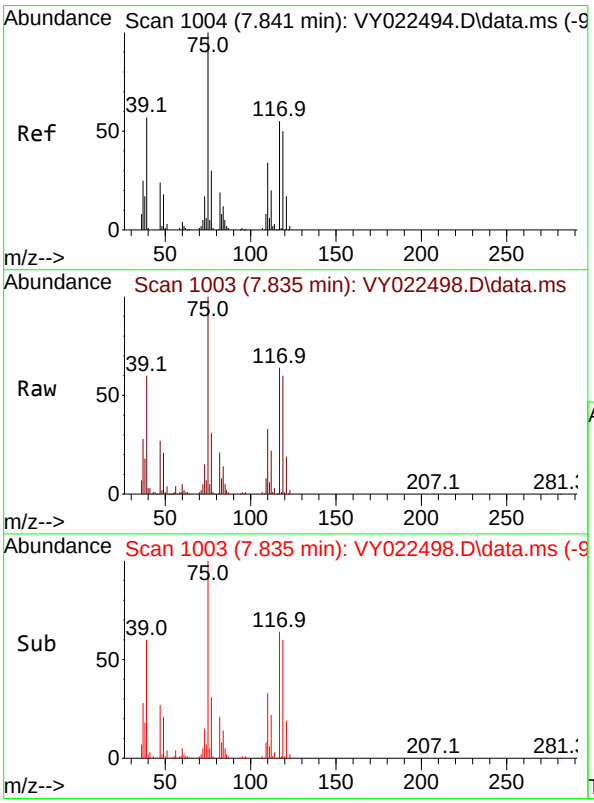
#35
Dibromofluoromethane
Concen: 46.676 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:113 Resp: 101692

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	18.4	14.2	21.2

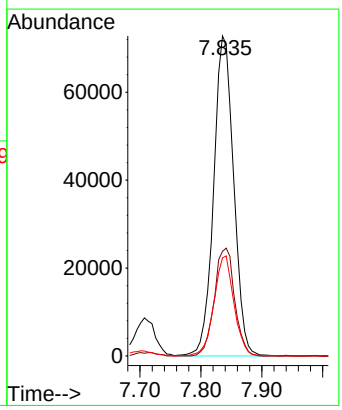


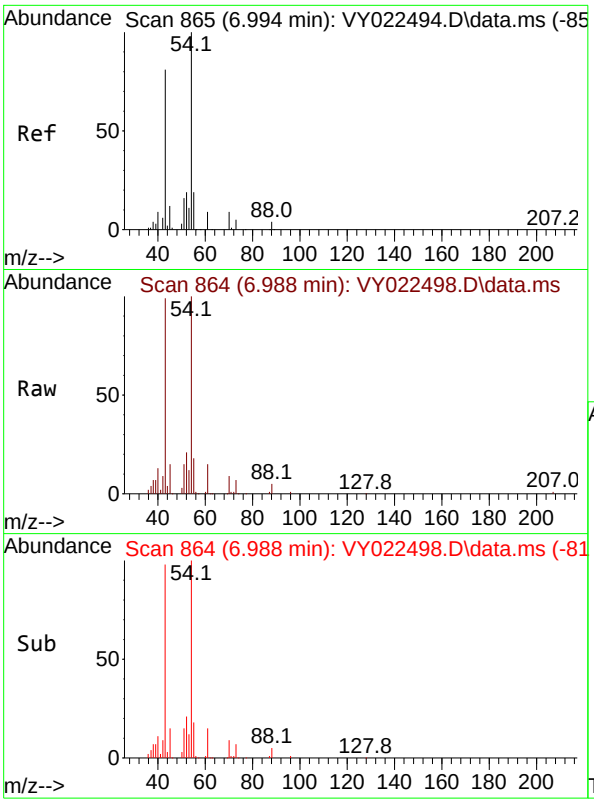


#36
1,1-Dichloropropene
Concen: 46.978 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 166116

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	31.2	24.8	37.2



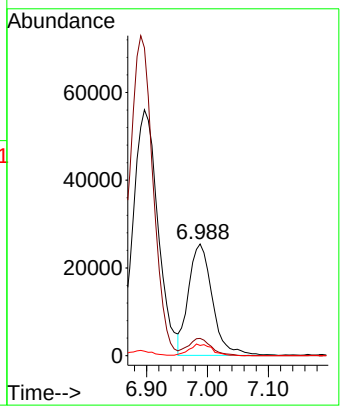


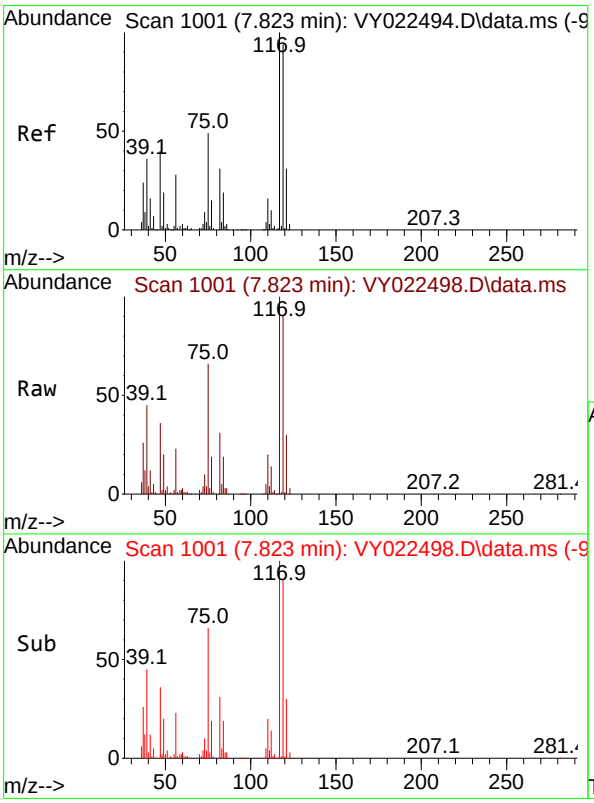
#37
Ethyl Acetate
Concen: 43.605 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 68761

Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.5	17.3
70	10.1	7.2	10.8

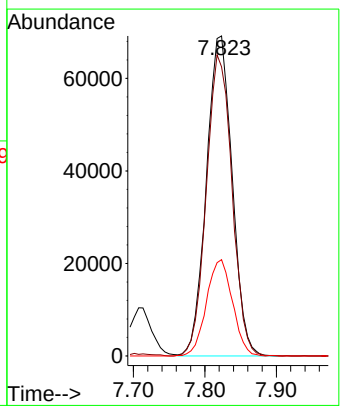


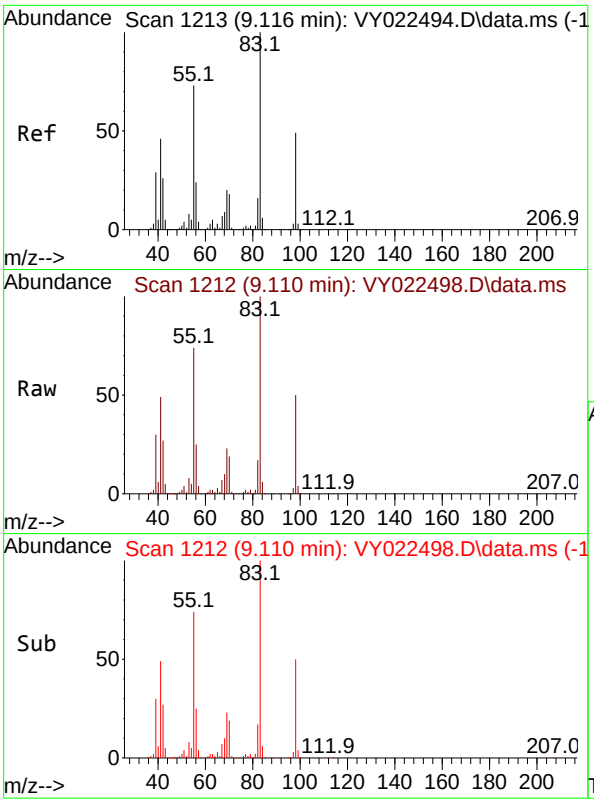


#38
Carbon Tetrachloride
Concen: 47.747 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:117 Resp: 173199

Ion	Ratio	Lower	Upper
117	100		
119	90.3	75.0	112.6
121	30.1	25.0	37.4



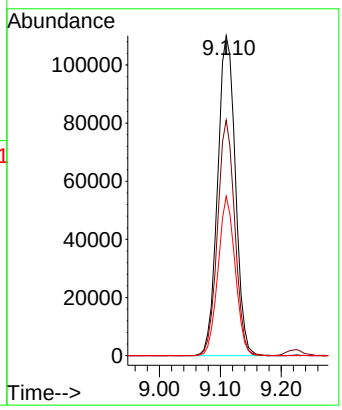


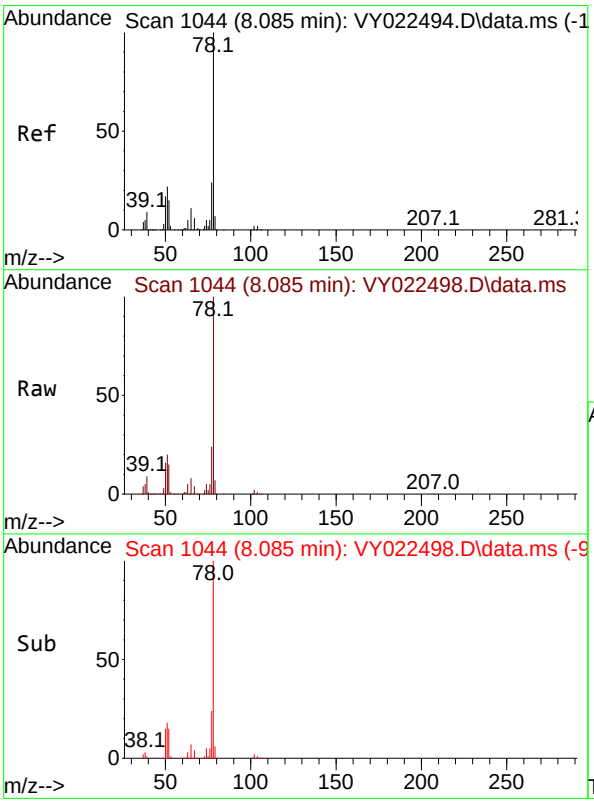
#39
Methylcyclohexane
Concen: 46.923 ug/l
RT: 9.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 83 Resp: 222971

Ion	Ratio	Lower	Upper
83	100		
55	73.7	58.1	87.1
98	49.9	39.0	58.6

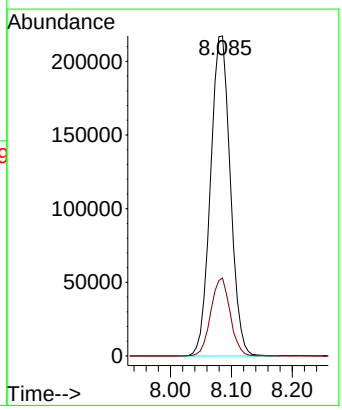


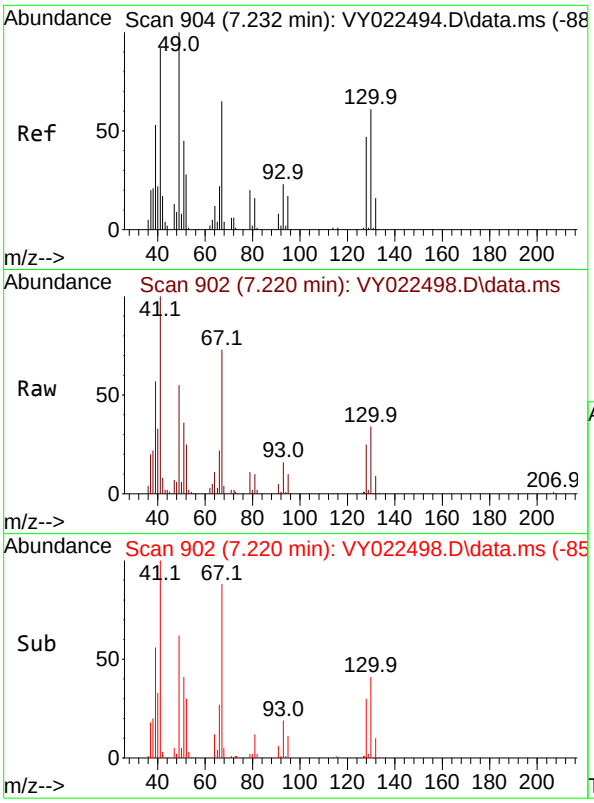


#40
Benzene
Concen: 47.020 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 78 Resp: 491078

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9



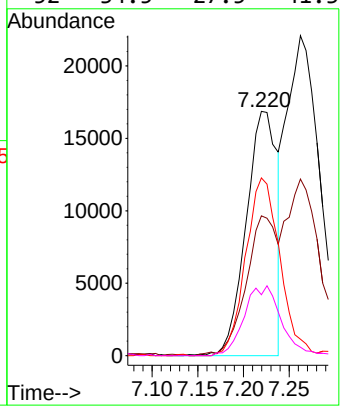


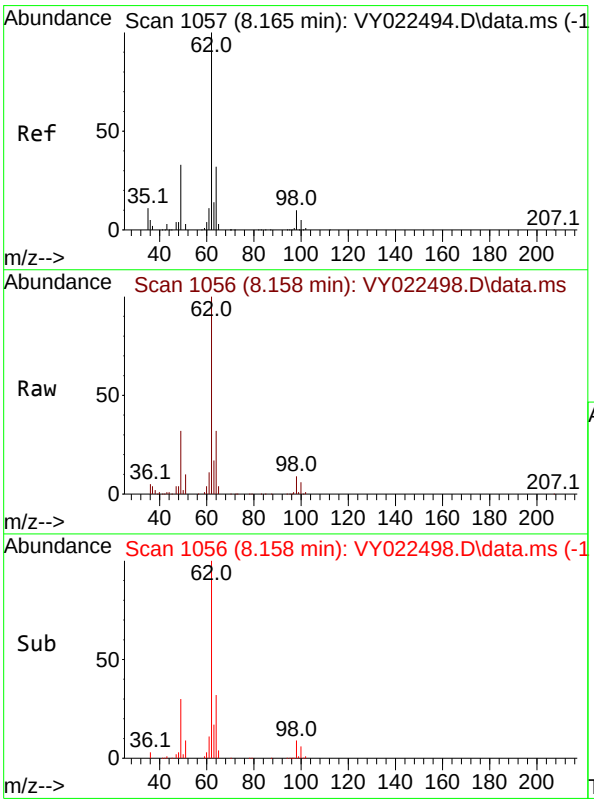
#41
Methacrylonitrile
Concen: 43.134 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 41 Resp: 39730

Ion	Ratio	Lower	Upper
41	100		
39	57.3	46.6	69.8
67	80.2	63.3	94.9
52	34.5	27.5	41.3

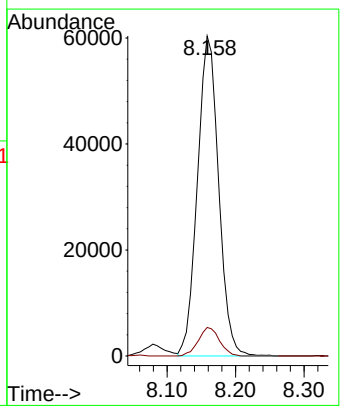


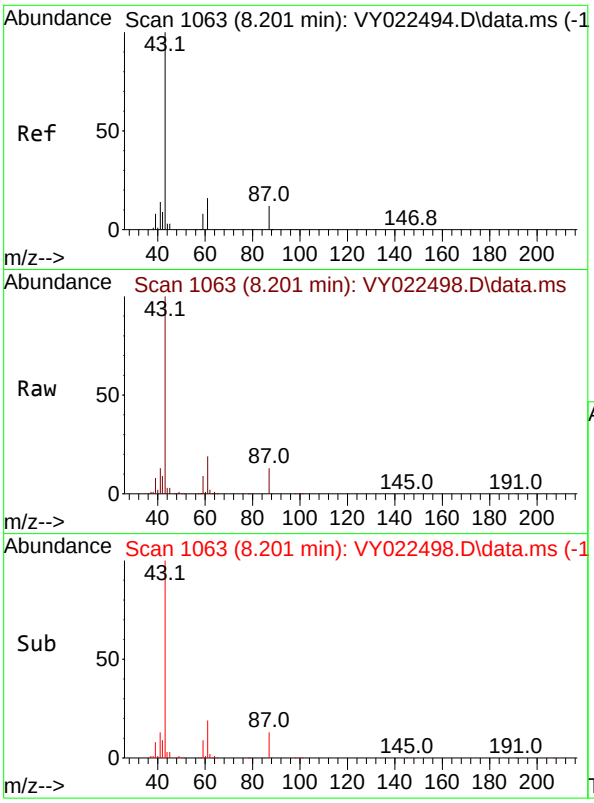


#42
1,2-Dichloroethane
Concen: 45.644 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 62 Resp: 130161

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2



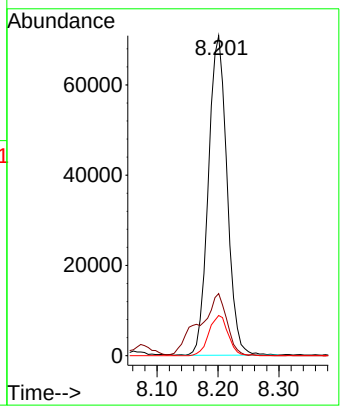


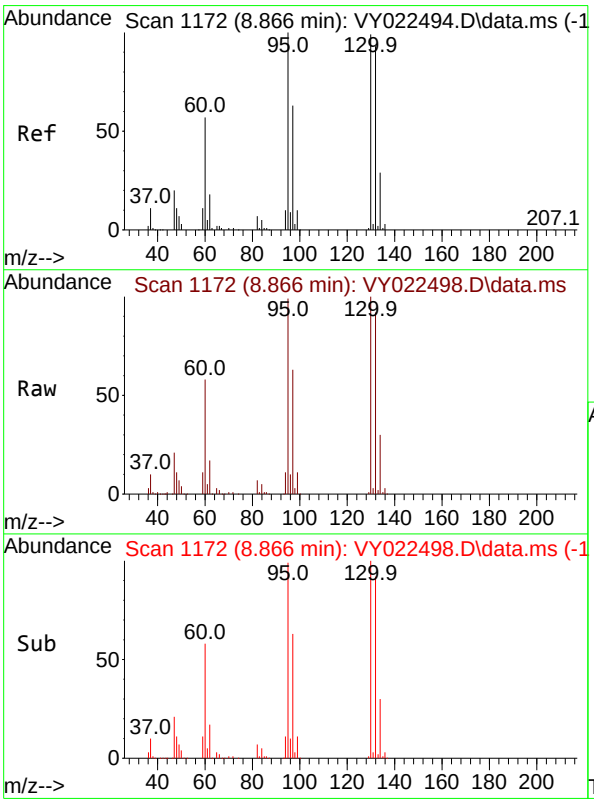
#43
Isopropyl Acetate
Concen: 44.122 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 150263

Ion	Ratio	Lower	Upper
43	100		
61	28.6	15.6	23.4#
87	13.0	10.2	15.4

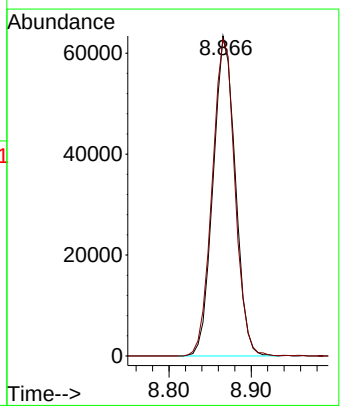


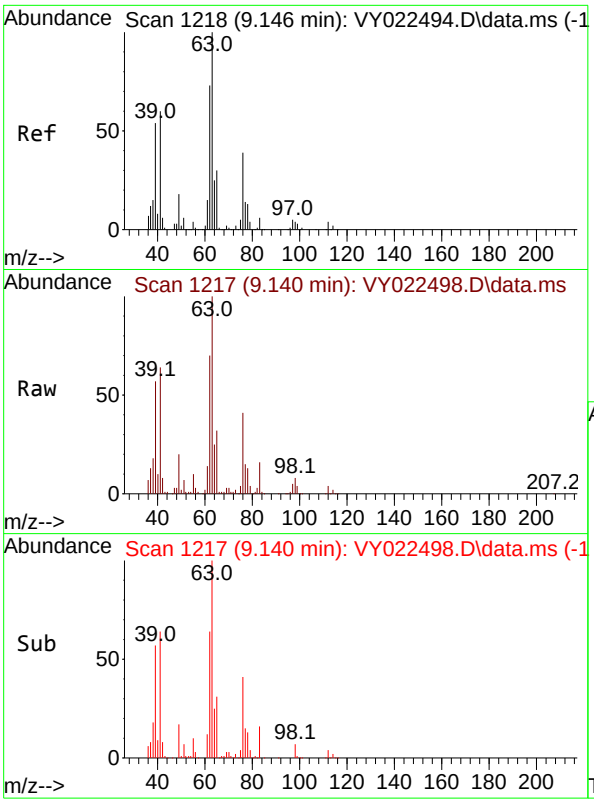


#44
Trichloroethene
Concen: 46.609 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:130 Resp: 118971

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	203.0



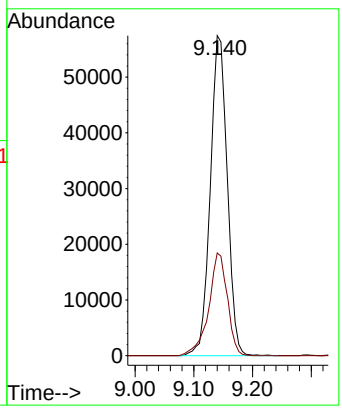


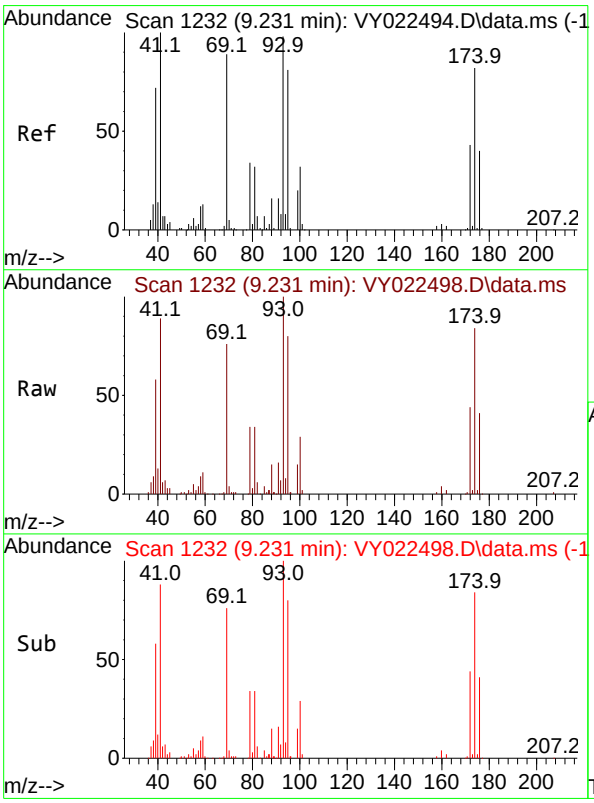
#45
1,2-Dichloropropane
Concen: 46.587 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 63 Resp: 114988

Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.0	36.0

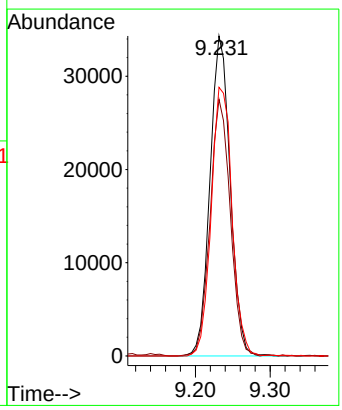


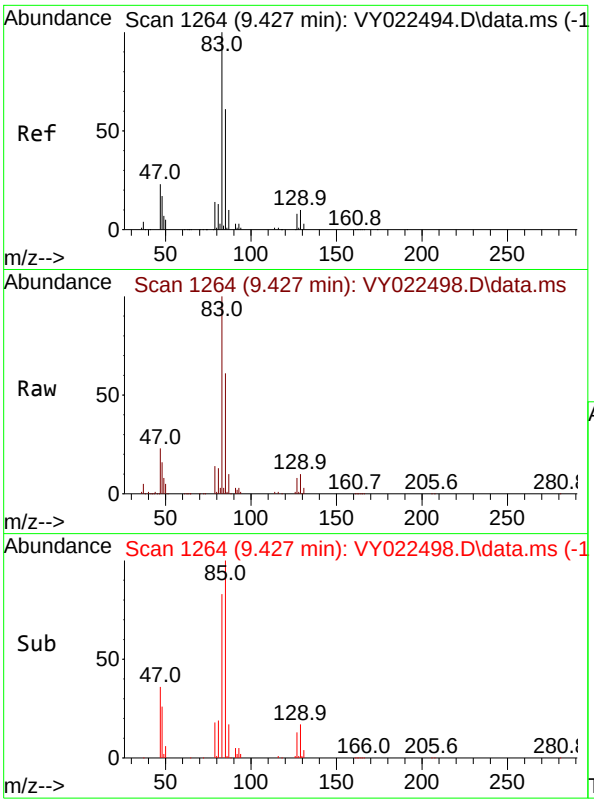


#46
Dibromomethane
Concen: 46.430 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 93 Resp: 64473

Ion	Ratio	Lower	Upper
93	100		
95	80.2	65.6	98.4
174	86.4	70.4	105.6



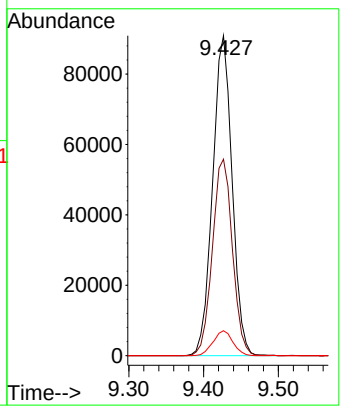


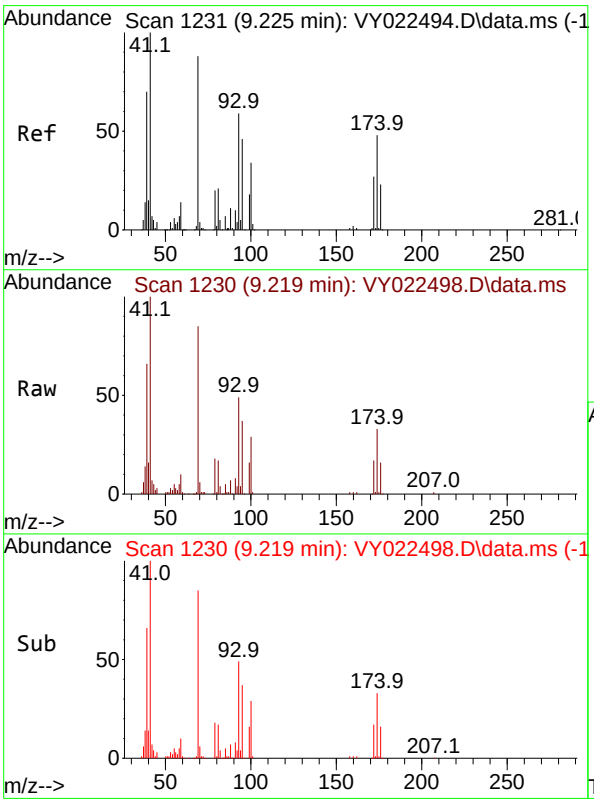
#47
Bromodichloromethane
Concen: 46.825 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 83 Resp: 164872

Ion	Ratio	Lower	Upper
83	100		
85	61.4	49.1	73.7
127	7.8	6.2	9.4

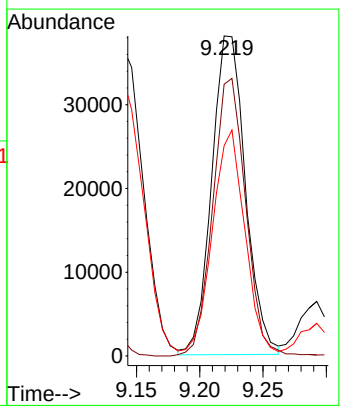


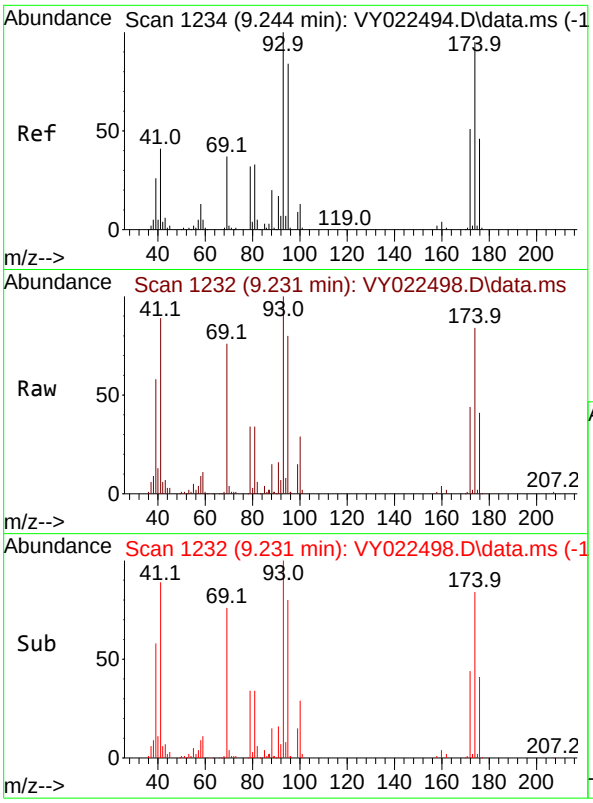


#48
Methyl methacrylate
Concen: 44.198 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 70644

Ion	Ratio	Lower	Upper
41	100		
69	85.1	67.8	101.8
39	65.9	55.0	82.4



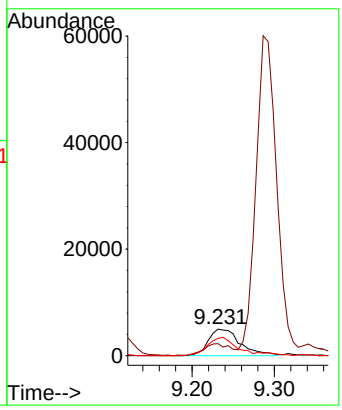


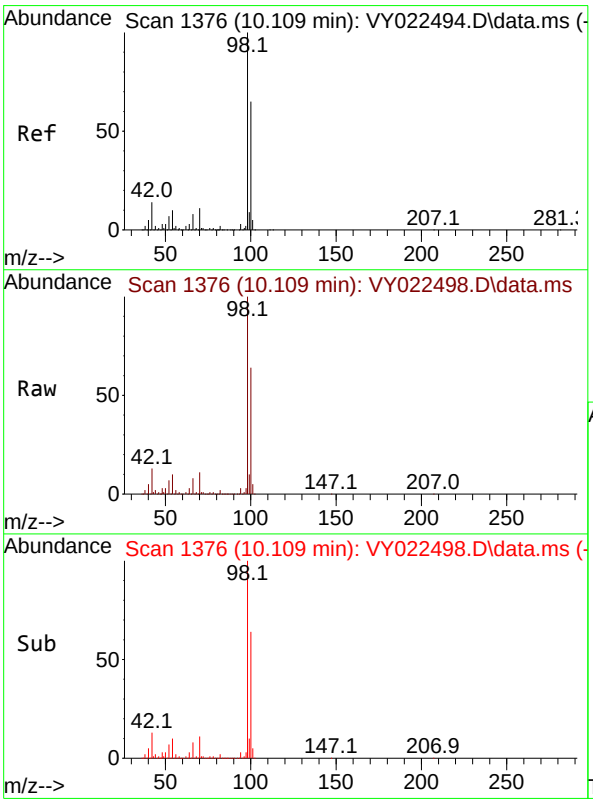
#49
1,4-Dioxane
Concen: 816.553 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 88 Resp: 13433

Ion	Ratio	Lower	Upper
88	100		
43	39.1	25.4	38.2#
58	67.7	54.9	82.3

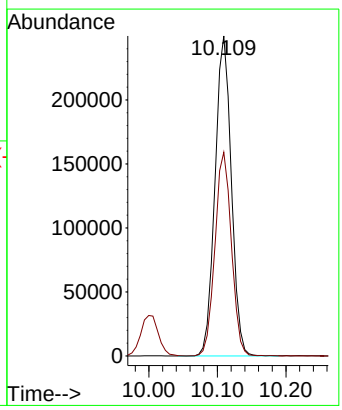


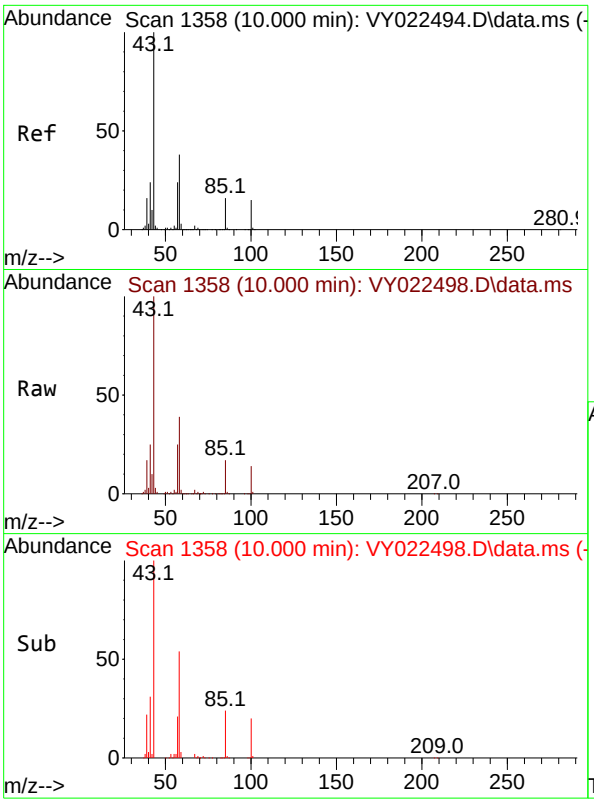


#50
Toluene-d8
Concen: 46.760 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 98 Resp: 411640

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



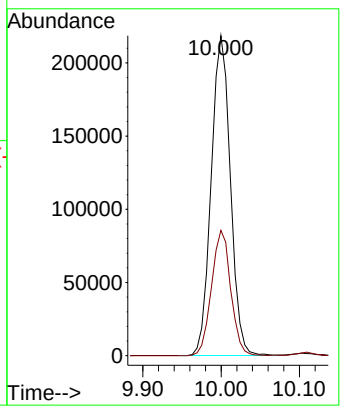


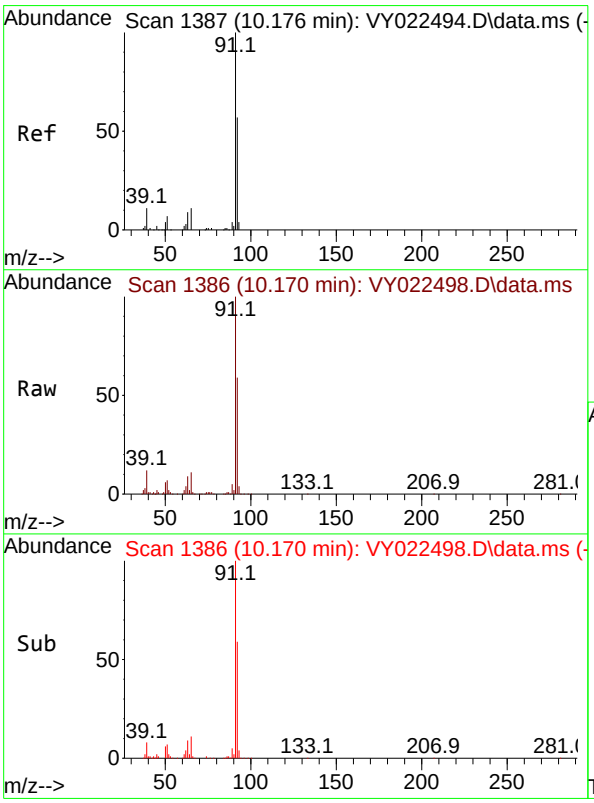
#51
4-Methyl-2-Pentanone
Concen: 219.250 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 372276

Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.4	45.6

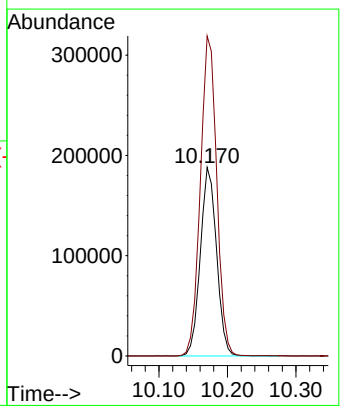


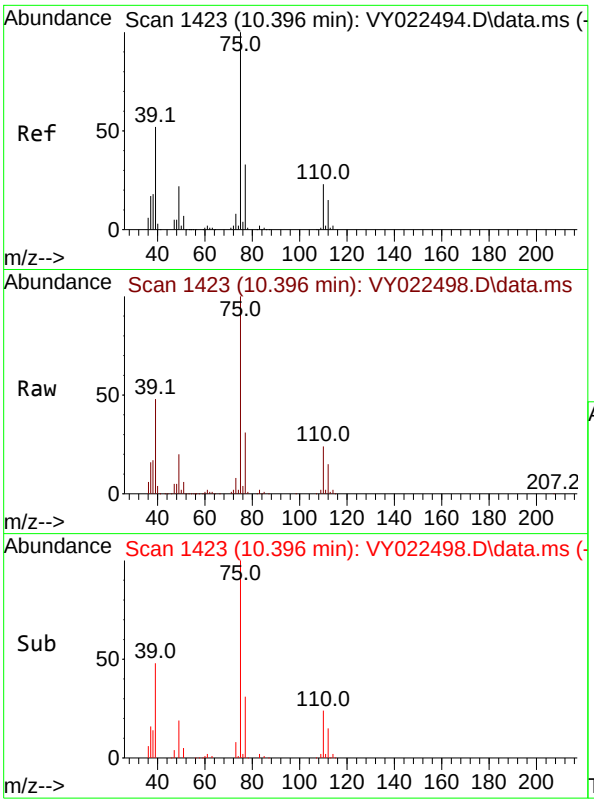


#52
Toluene
Concen: 47.137 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 92 Resp: 309375

Ion	Ratio	Lower	Upper
92	100		
91	171.7	139.0	208.4



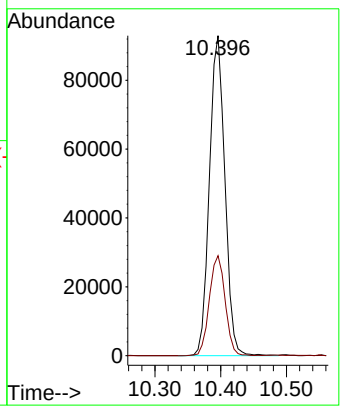


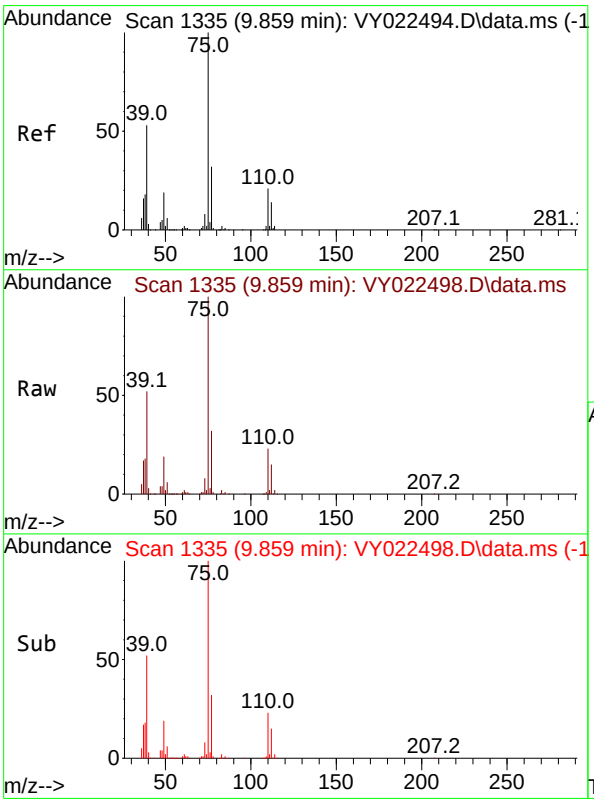
#53
t-1,3-Dichloropropene
Concen: 46.094 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 75 Resp: 152066

Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.5	39.7

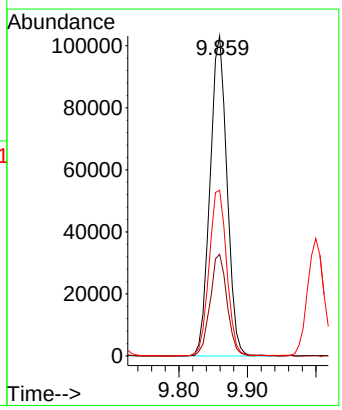


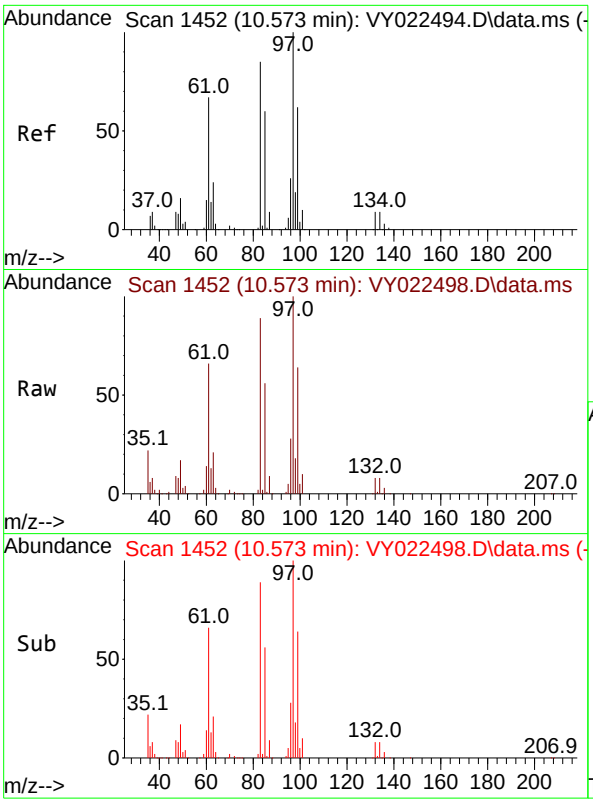


#54
cis-1,3-Dichloropropene
Concen: 46.206 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 177445

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9
39	51.6	42.7	64.1



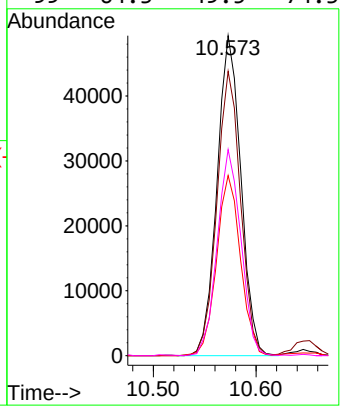


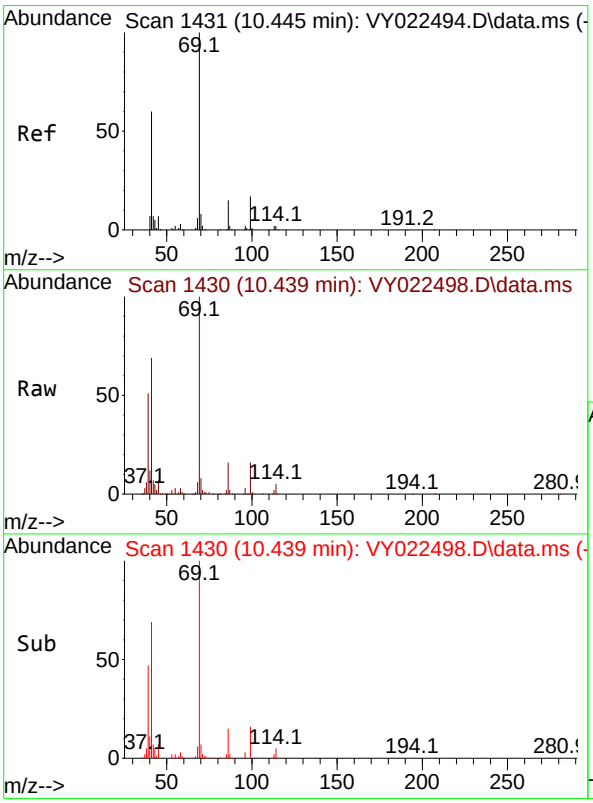
#55
1,1,2-Trichloroethane
Concen: 44.953 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 97 Resp: 79596

Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.1	102.1
85	56.3	48.2	72.2
99	64.3	49.5	74.3

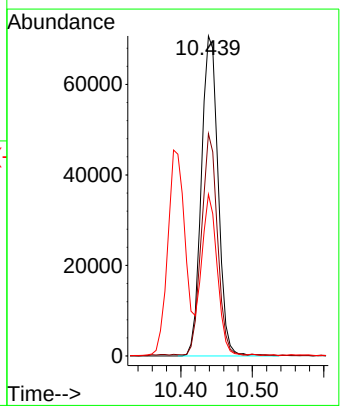


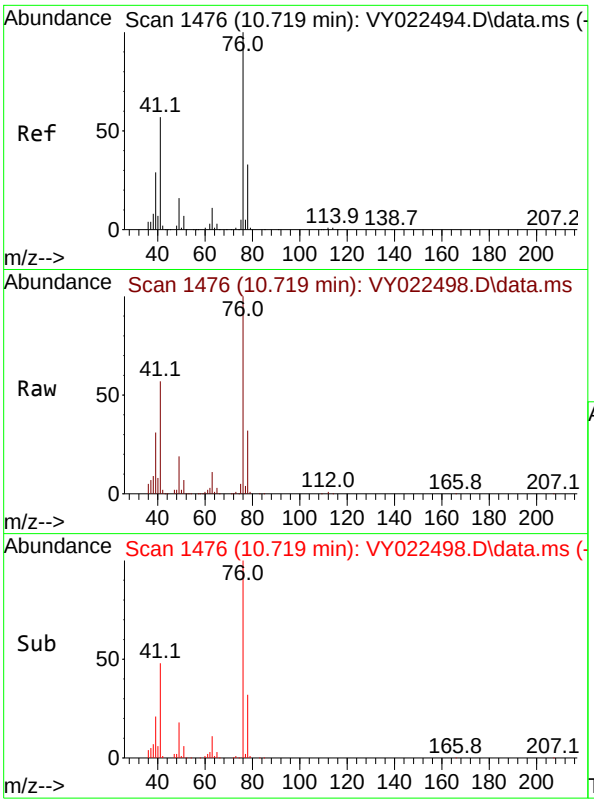


#56
Ethyl methacrylate
Concen: 45.029 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 69 Resp: 115237

Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.2
39	45.6	36.7	55.1



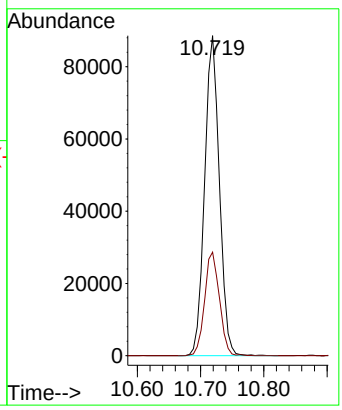


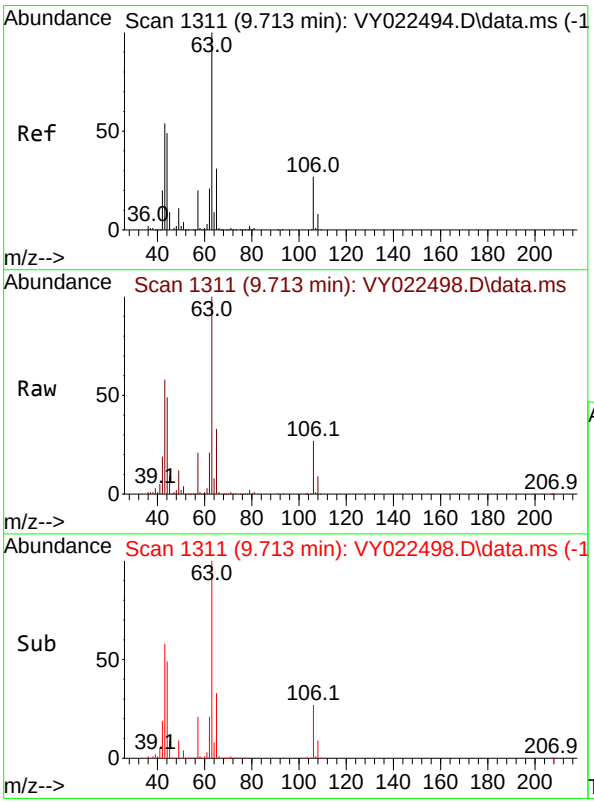
#57
1,3-Dichloropropane
Concen: 45.696 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 76 Resp: 143407

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

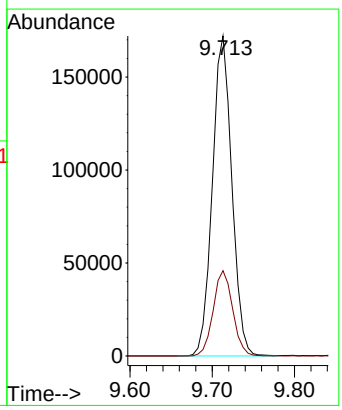


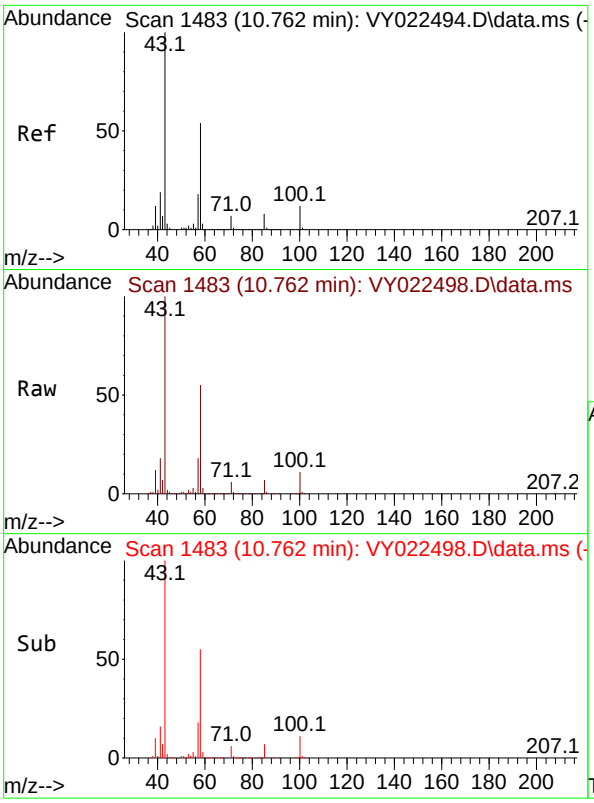


#58
2-Chloroethyl Vinyl ether
Concen: 243.746 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 63 Resp: 283213

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4



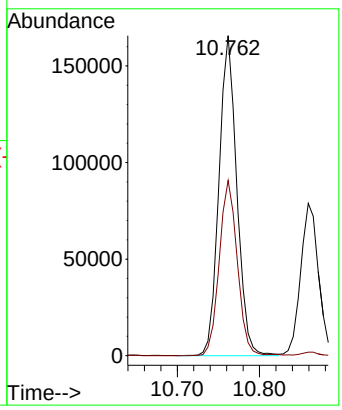


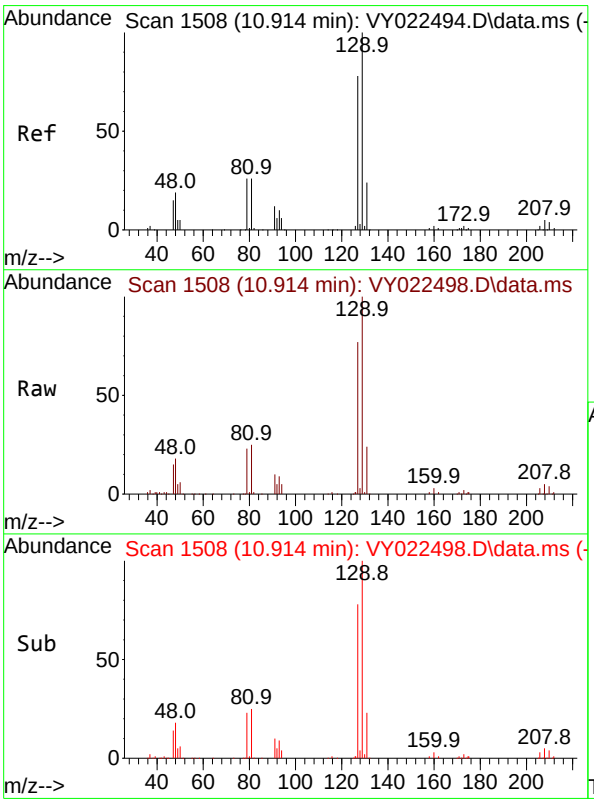
#59
2-Hexanone
Concen: 220.088 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 249926

Ion	Ratio	Lower	Upper
43	100		
58	55.5	27.3	81.8

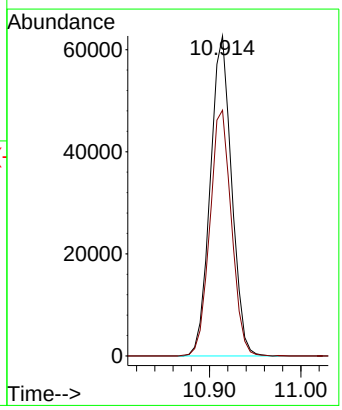


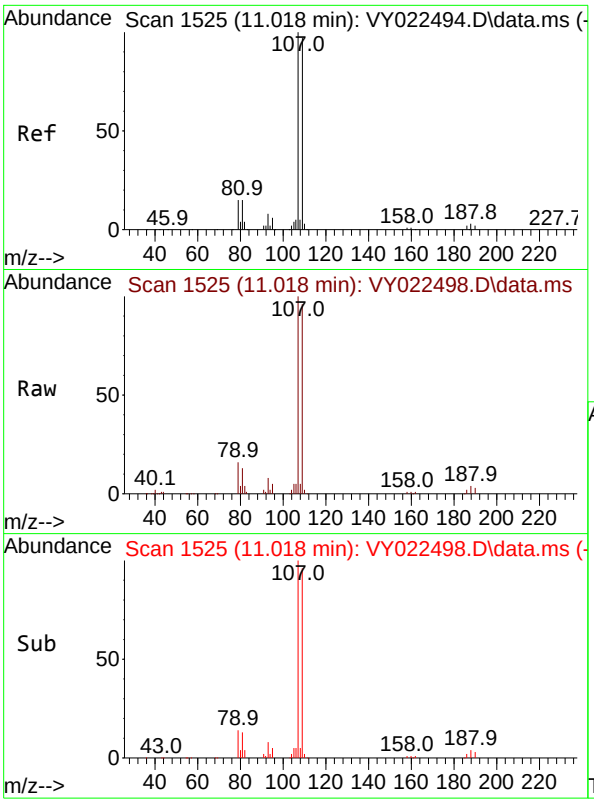


#60
Dibromochloromethane
Concen: 45.114 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:129 Resp: 101515

Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.2



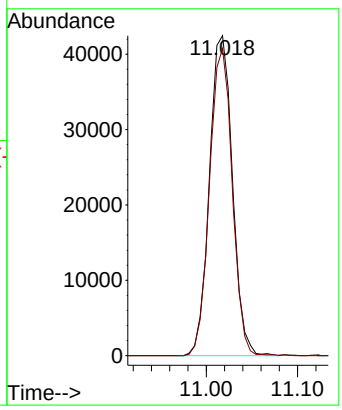


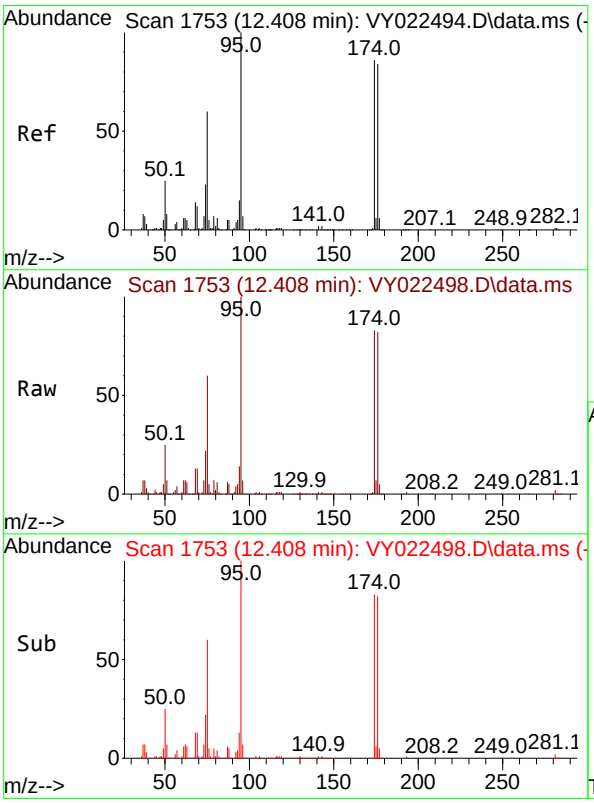
#61
1,2-Dibromoethane
Concen: 45.960 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:107 Resp: 74173

Ion	Ratio	Lower	Upper
107	100		
109	94.5	77.7	116.5

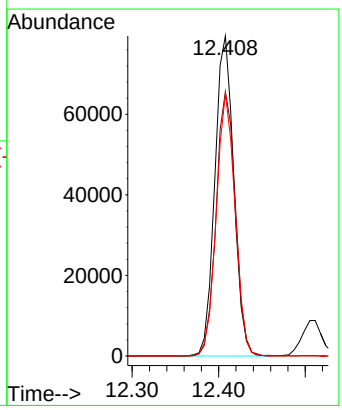


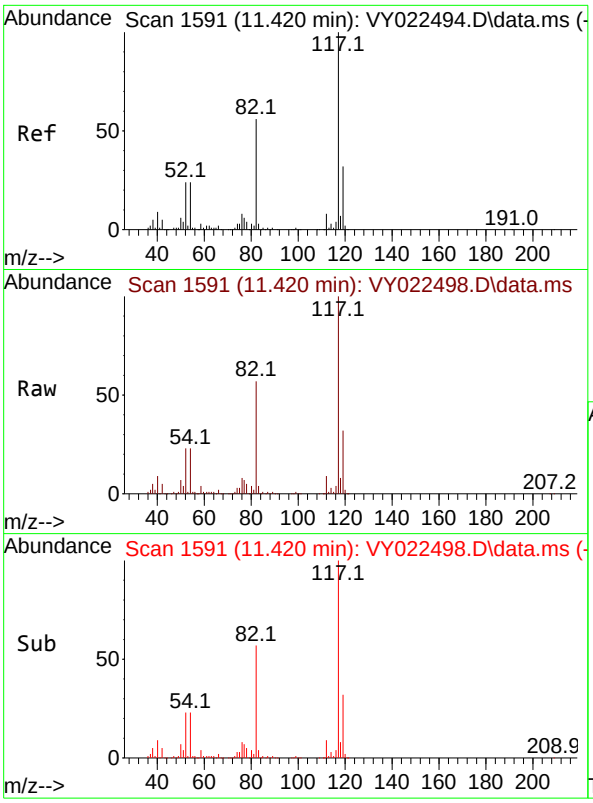


#62
4-Bromofluorobenzene
Concen: 45.847 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 95 Resp: 120253

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	170.0
176	81.5	0.0	166.2



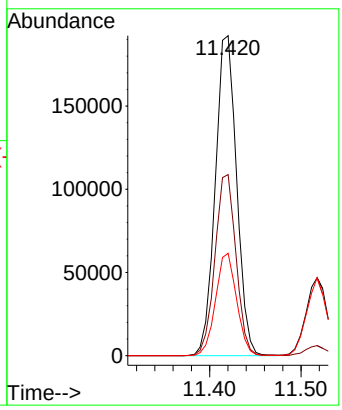


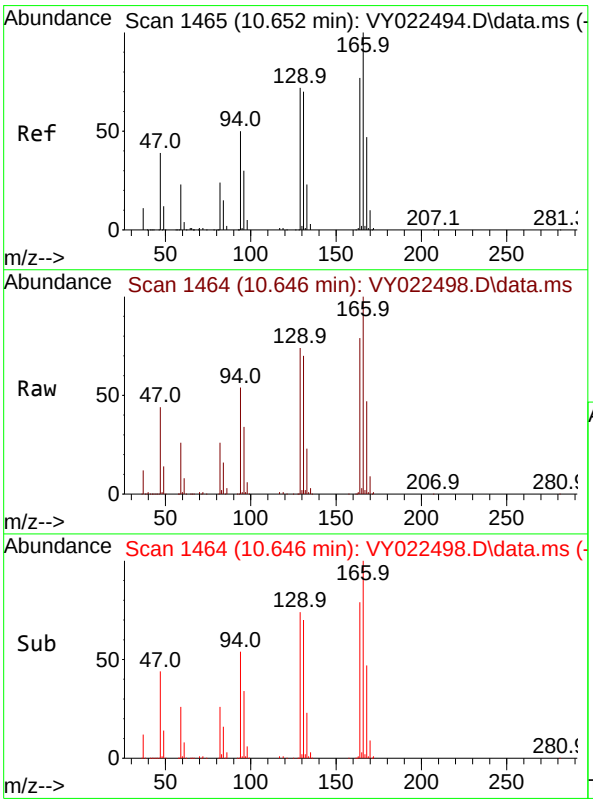
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:117 Resp: 312263

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	66.8
119	32.0	25.4	38.0

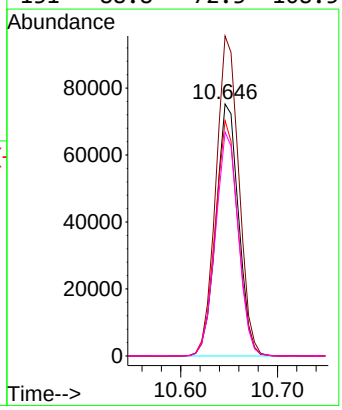


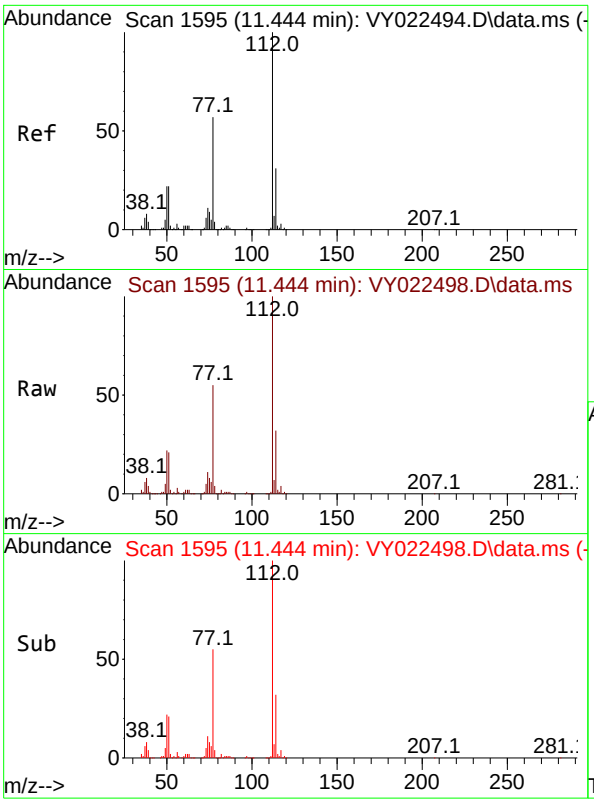


#64
Tetrachloroethene
Concen: 45.398 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:164 Resp: 121944

Ion	Ratio	Lower	Upper
164	100		
166	127.0	104.0	156.0
129	93.4	74.5	111.7
131	88.8	72.3	108.5



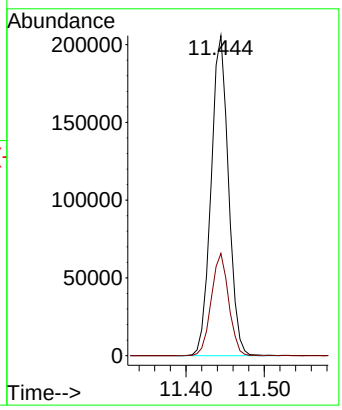


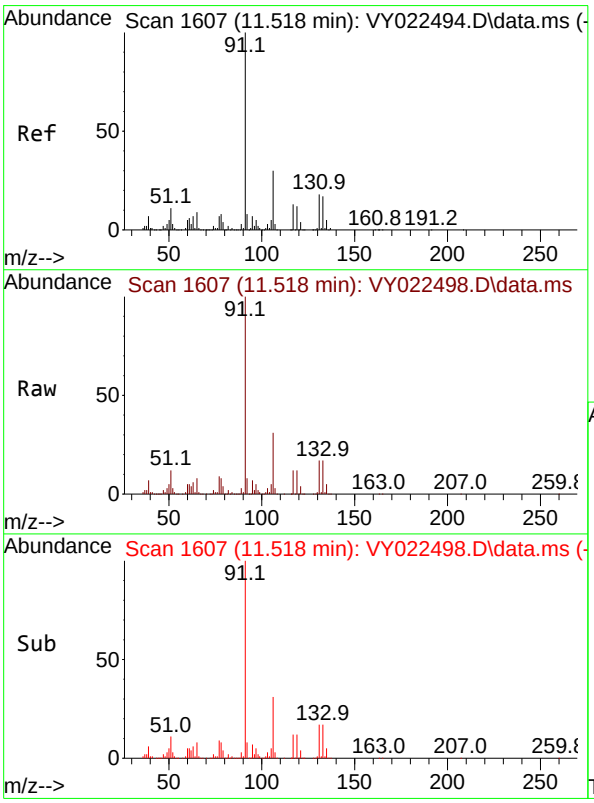
#65
Chlorobenzene
Concen: 45.953 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:112 Resp: 317533

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.0	37.6

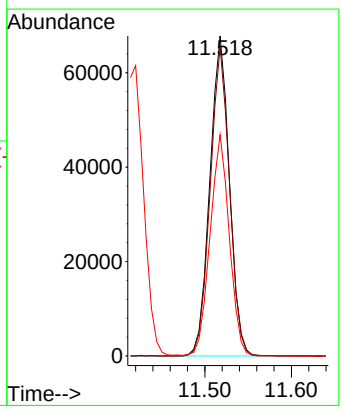


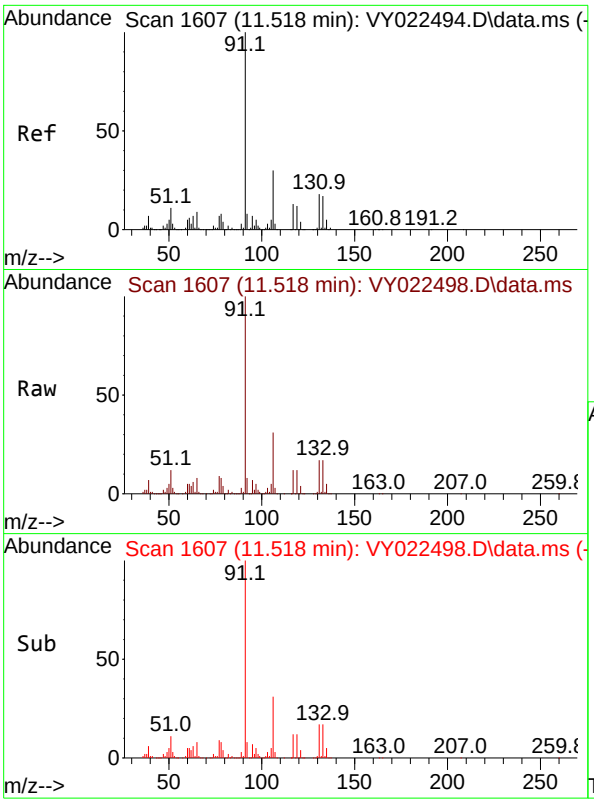


#66
1,1,1,2-Tetrachloroethane
Concen: 45.464 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:131 Resp: 105830

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	141.8
119	68.3	33.1	99.3



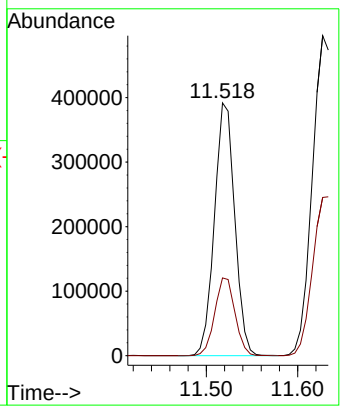


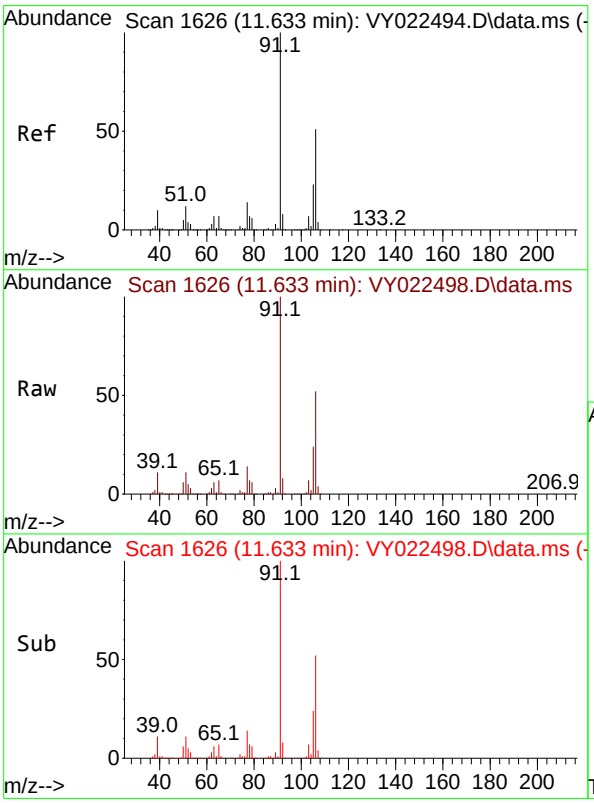
#67
Ethyl Benzene
Concen: 47.248 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 91 Resp: 605560

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.2	36.4

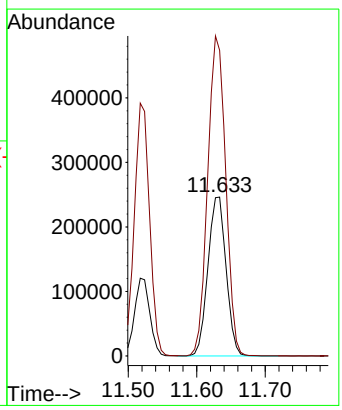


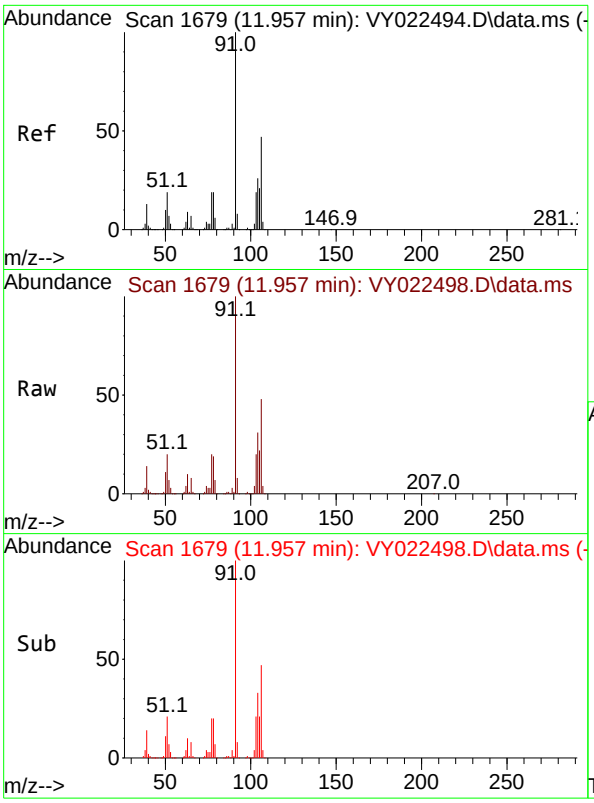


#68
m/p-Xylenes
Concen: 93.473 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:106 Resp: 454148

Ion	Ratio	Lower	Upper
106	100		
91	199.5	159.4	239.0



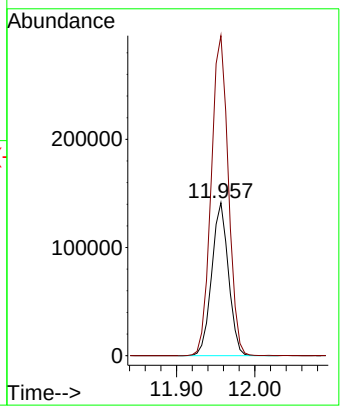


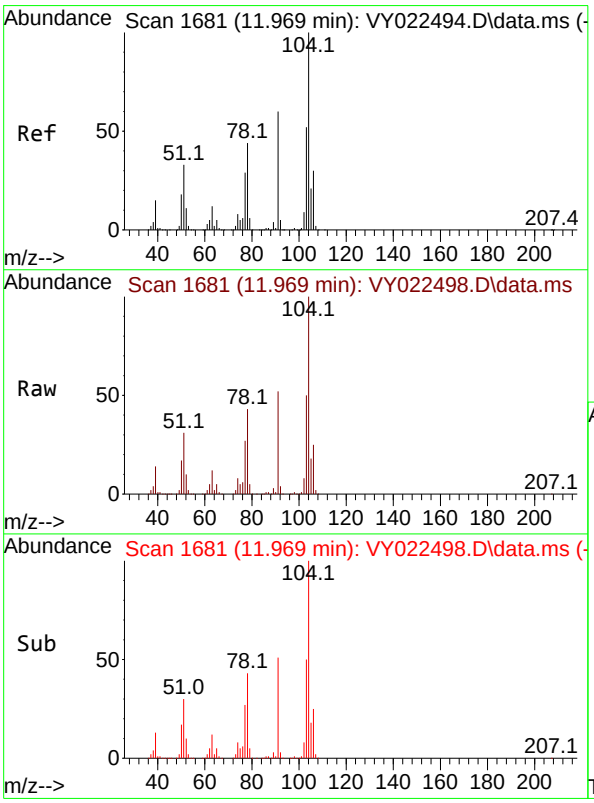
#69
o-Xylene
Concen: 45.959 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:106 Resp: 209354

Ion	Ratio	Lower	Upper
106	100		
91	214.9	105.8	317.3

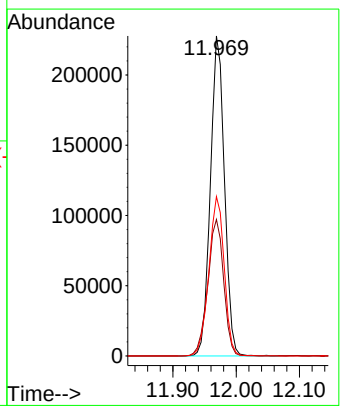


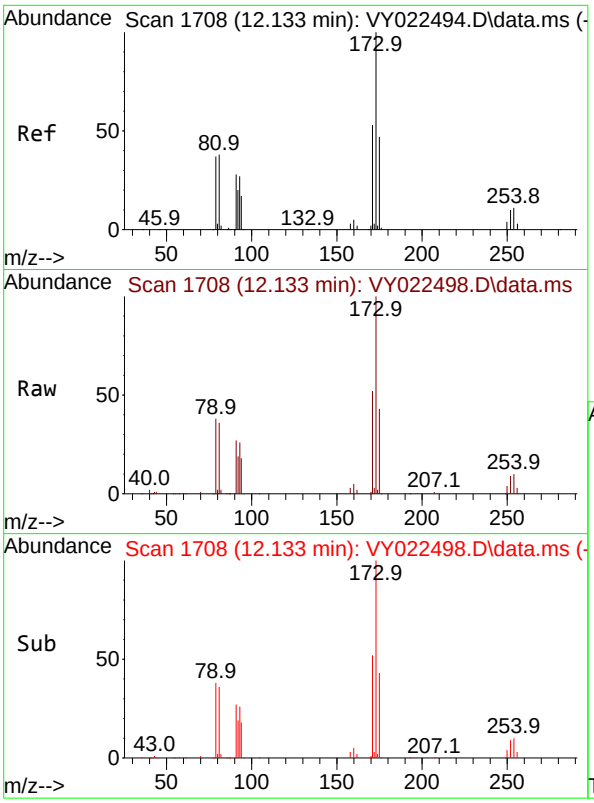


#70
Styrene
Concen: 46.815 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:104 Resp: 352505

Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.5	59.3
103	54.4	44.1	66.1



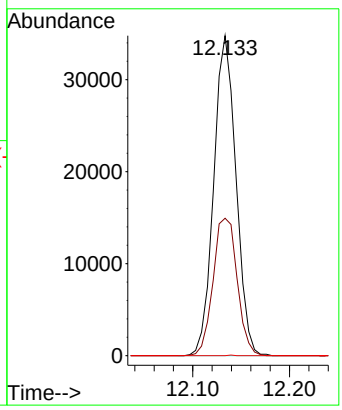


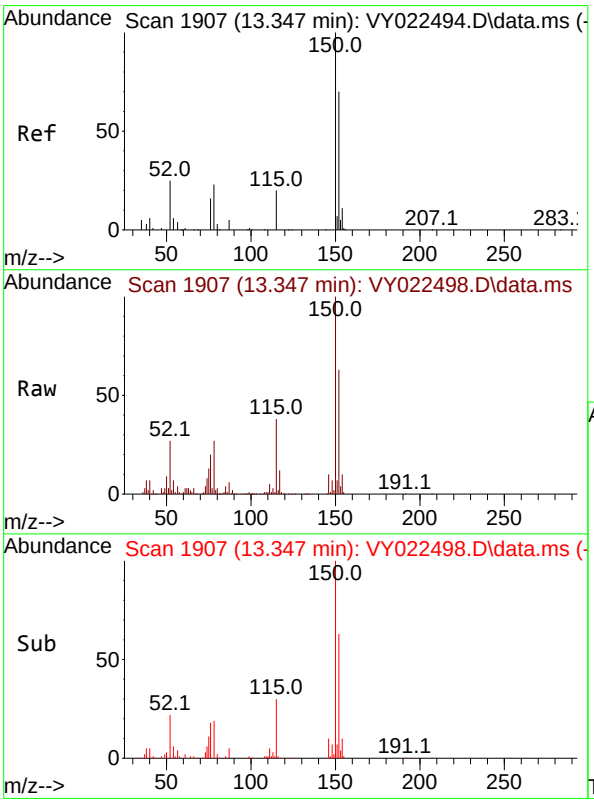
#71
Bromoform
Concen: 44.852 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:173 Resp: 55559

Ion	Ratio	Lower	Upper
173	100		
175	46.5	23.8	71.5
254	0.0	0.0	0.0#

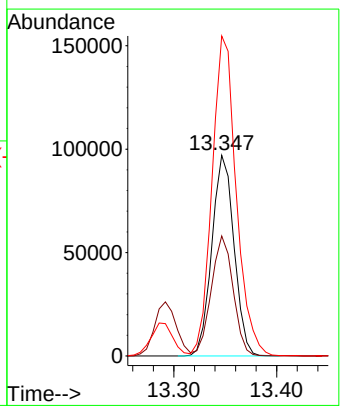


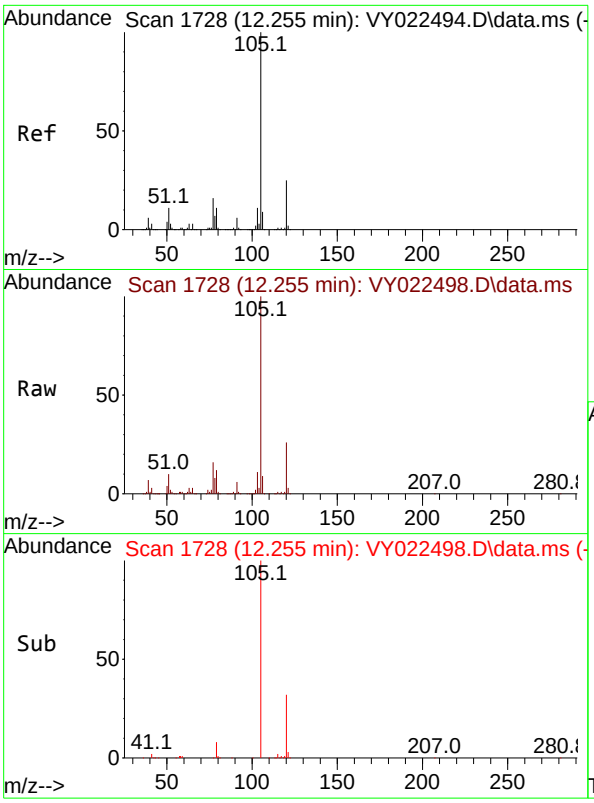


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:152 Resp: 145254

Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.9	86.7
150	174.0	0.0	349.6



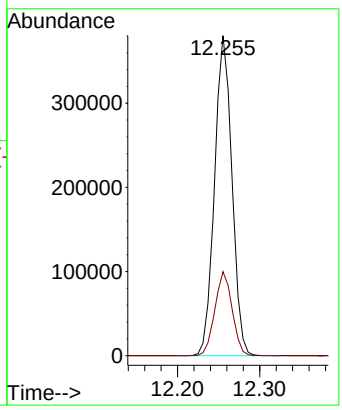


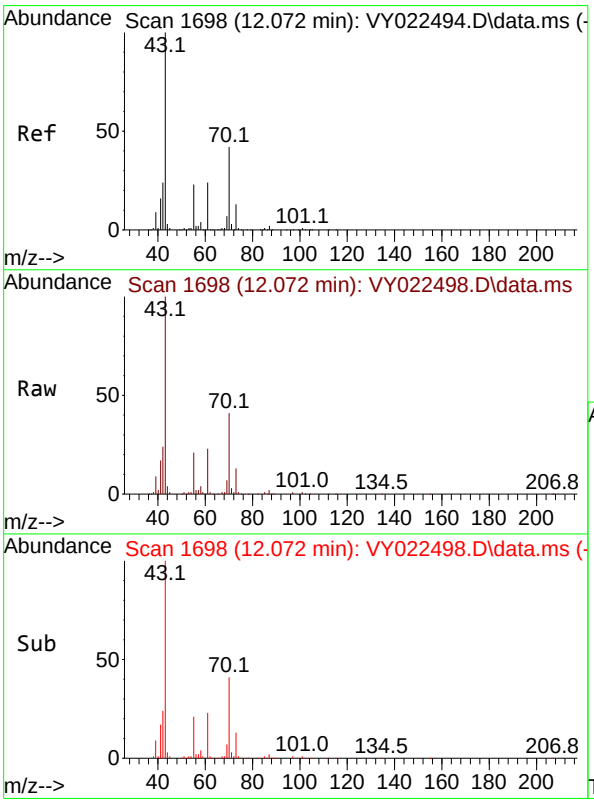
#73
Isopropylbenzene
Concen: 46.933 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:105 Resp: 559690

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	38.9

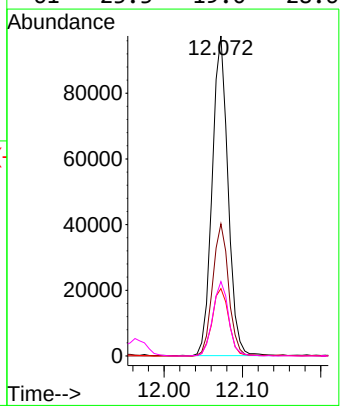


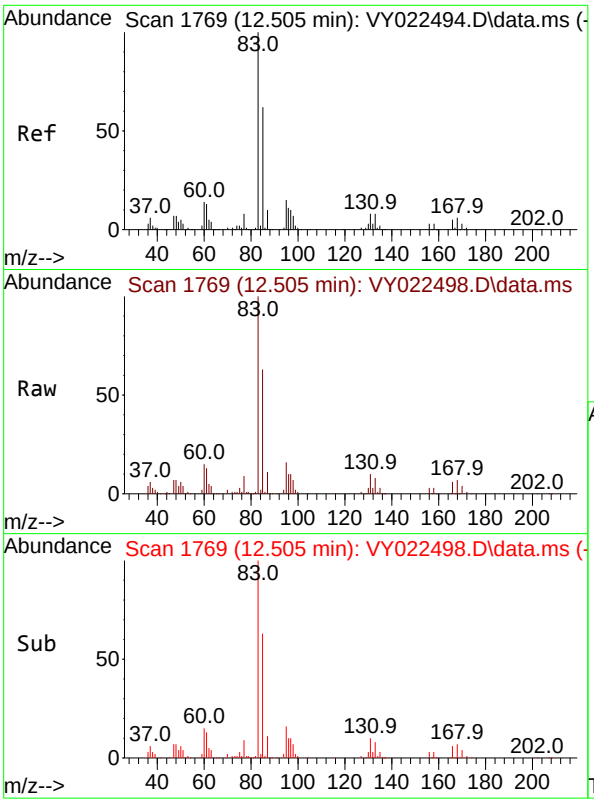


#74
N-amyl acetate
Concen: 45.502 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 136915

Ion	Ratio	Lower	Upper
43	100		
70	41.8	34.2	51.2
55	22.1	18.2	27.4
61	23.3	19.0	28.6



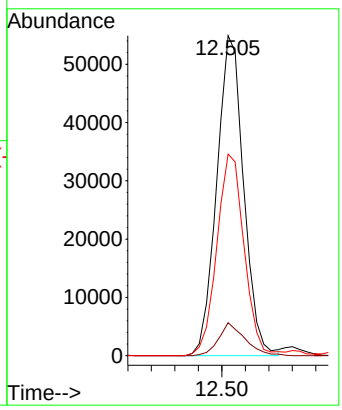


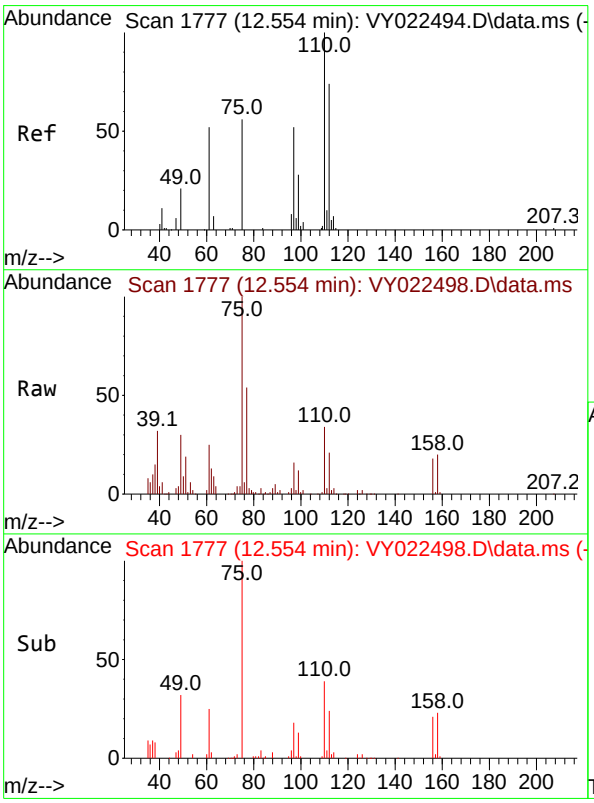
#75
1,1,2,2-Tetrachloroethane
Concen: 44.656 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 83 Resp: 87402

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	64.1	32.6	97.8

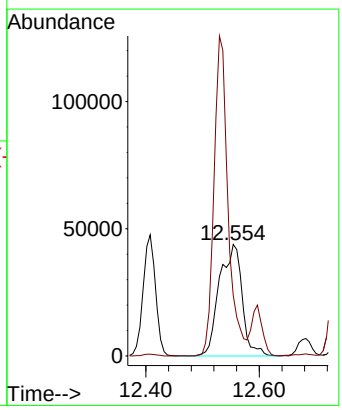


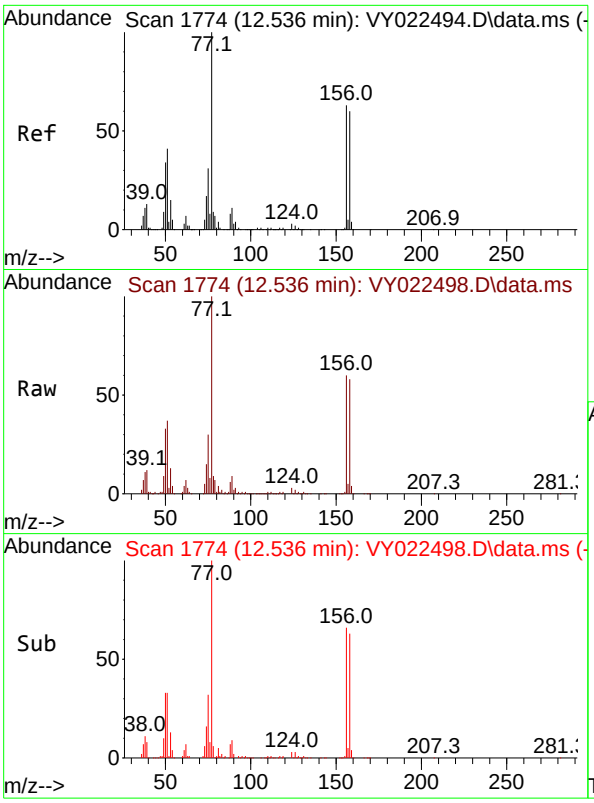


#76
1,2,3-Trichloropropane
Concen: 73.772 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 122591

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



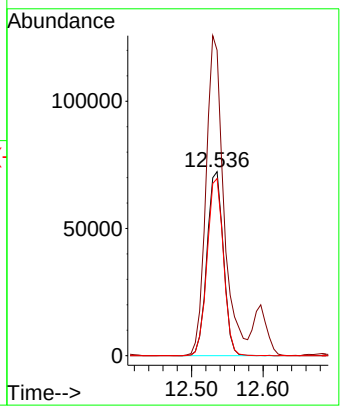


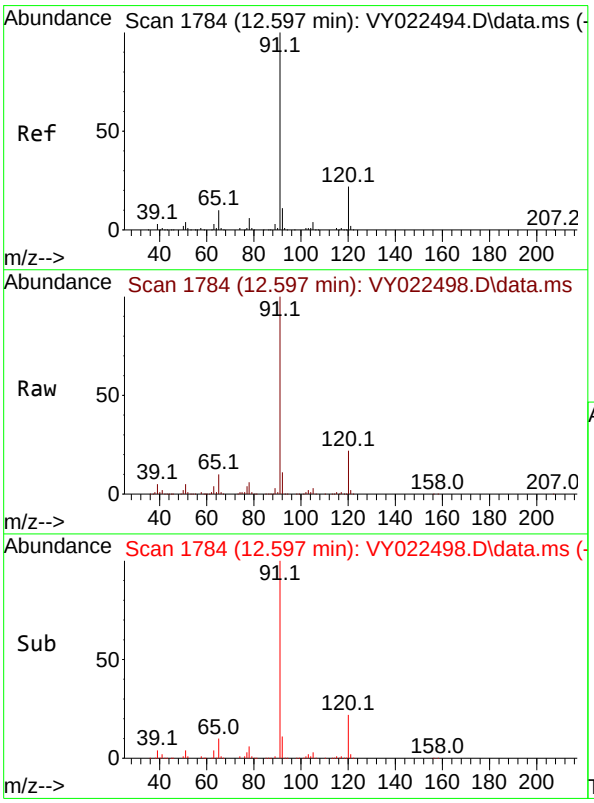
#77
Bromobenzene
Concen: 45.607 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:156 Resp: 114771

Ion	Ratio	Lower	Upper
156	100		
77	189.1	94.0	282.1
158	96.4	48.2	144.6

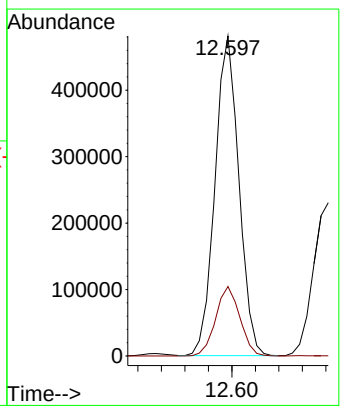


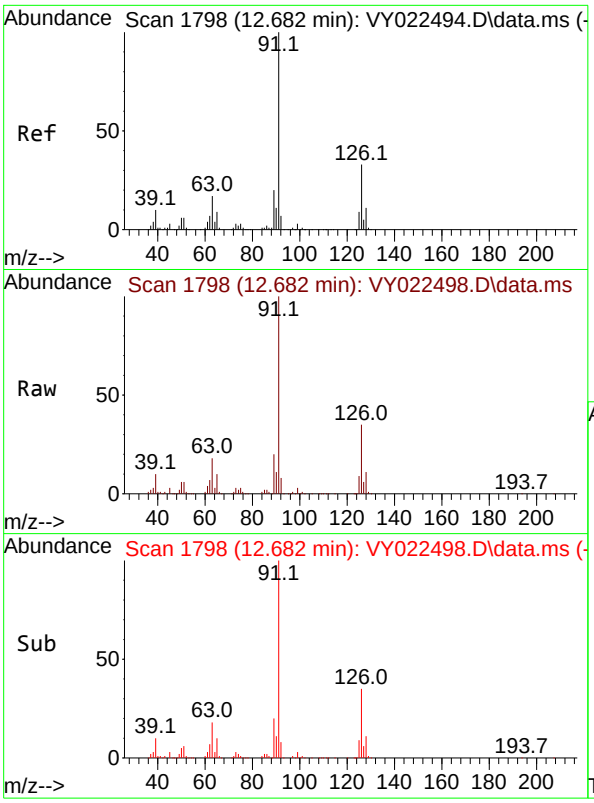


#78
n-propylbenzene
Concen: 46.696 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 680155

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.8	32.4



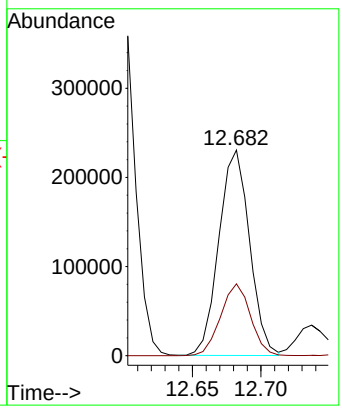


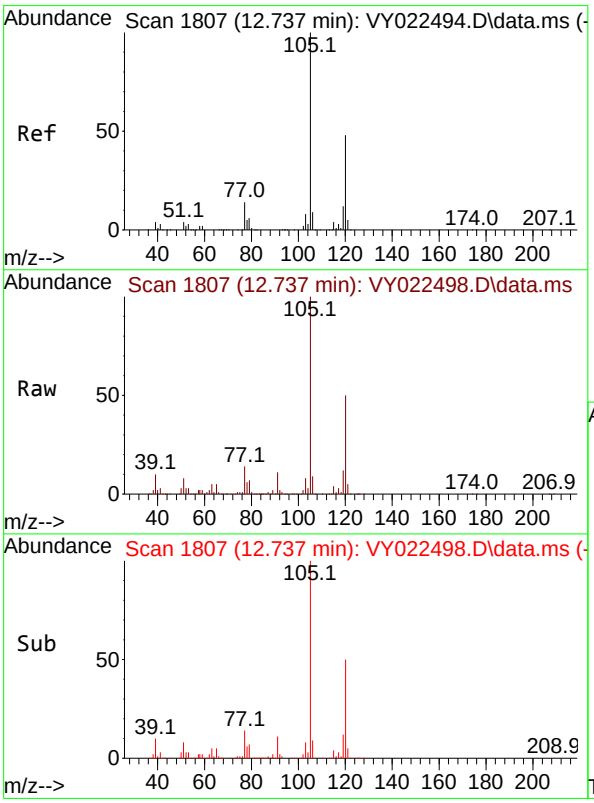
#79
2-Chlorotoluene
Concen: 46.472 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 91 Resp: 358756

Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.0	51.0

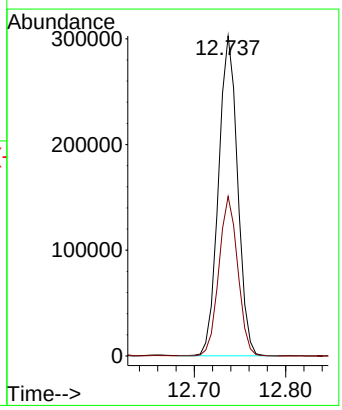


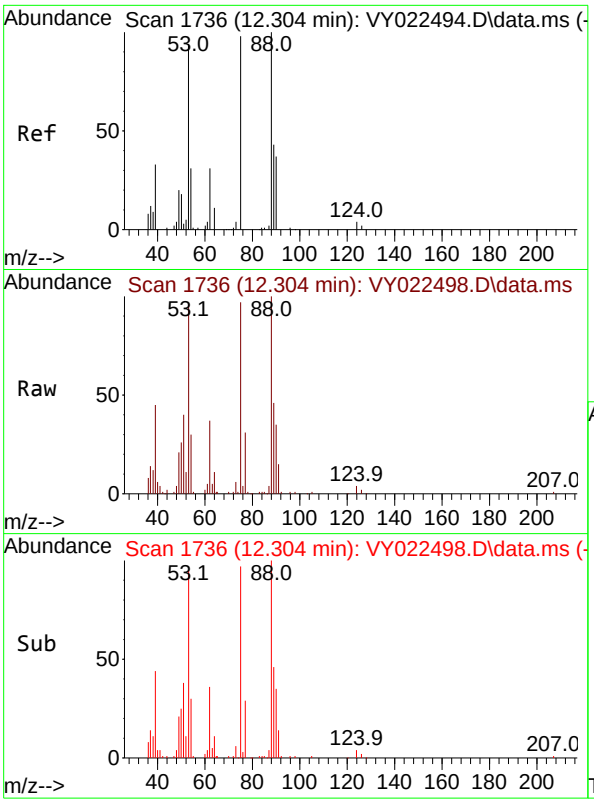


#80
1,3,5-Trimethylbenzene
Concen: 46.876 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 438873

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.1	72.4



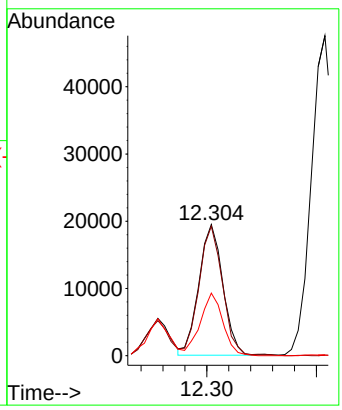


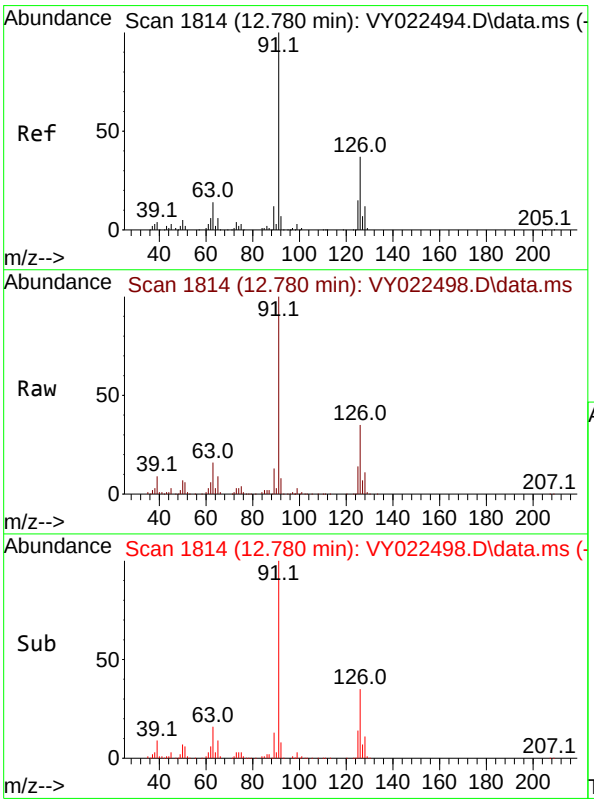
#81
trans-1,4-Dichloro-2-butene
Concen: 42.968 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 75 Resp: 29567

Ion	Ratio	Lower	Upper
75	100		
53	97.8	78.5	117.7
89	44.9	35.7	53.5

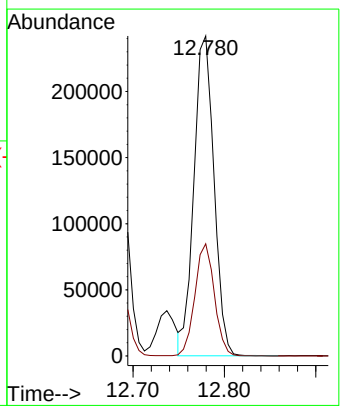


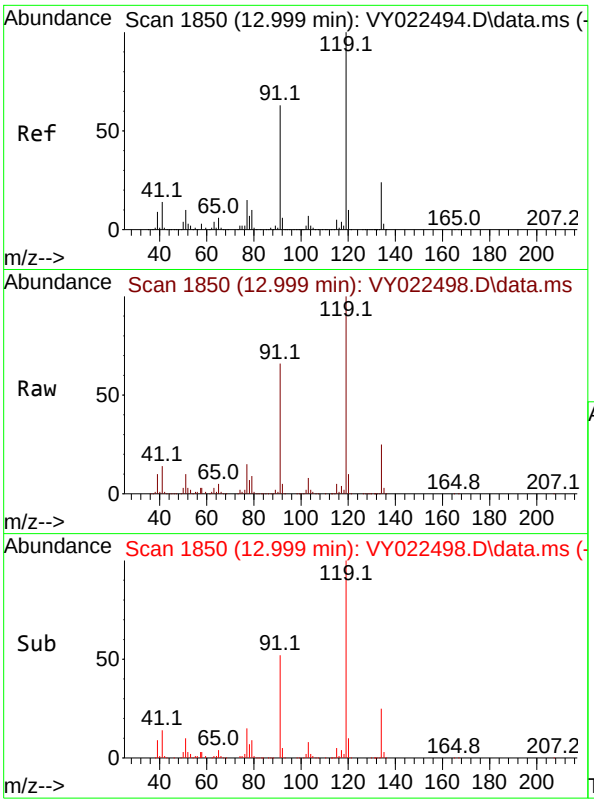


#82
4-Chlorotoluene
Concen: 46.289 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 368631

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9



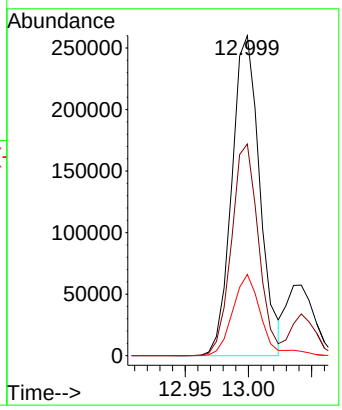


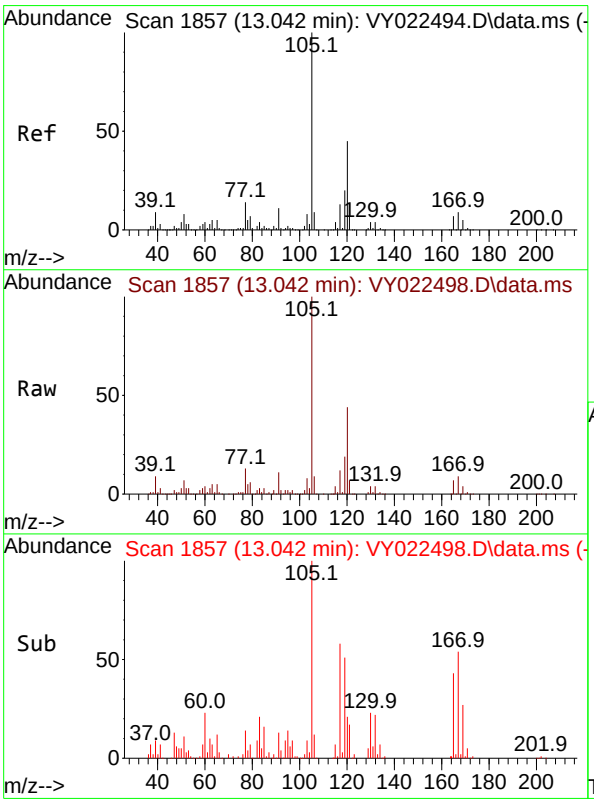
#83
tert-Butylbenzene
Concen: 47.655 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:119 Resp: 400440

Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.1	96.3
134	25.9	13.0	38.9

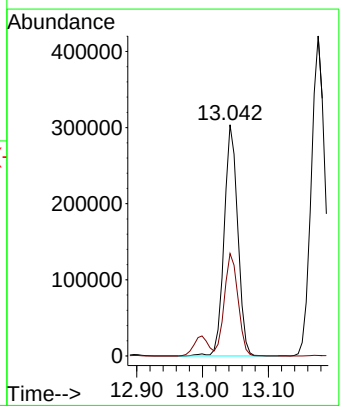


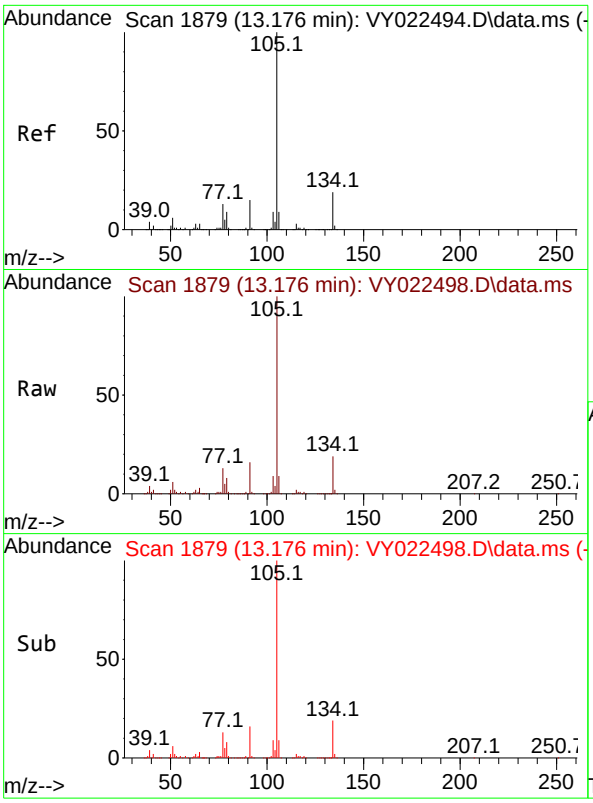


#84
1,2,4-Trimethylbenzene
Concen: 46.735 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 437631

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.7	68.1



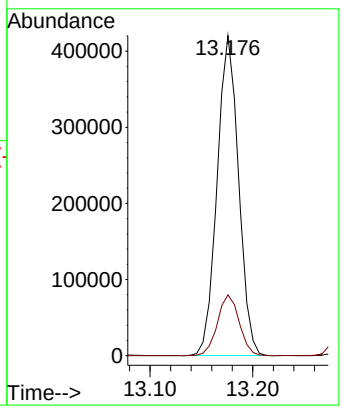


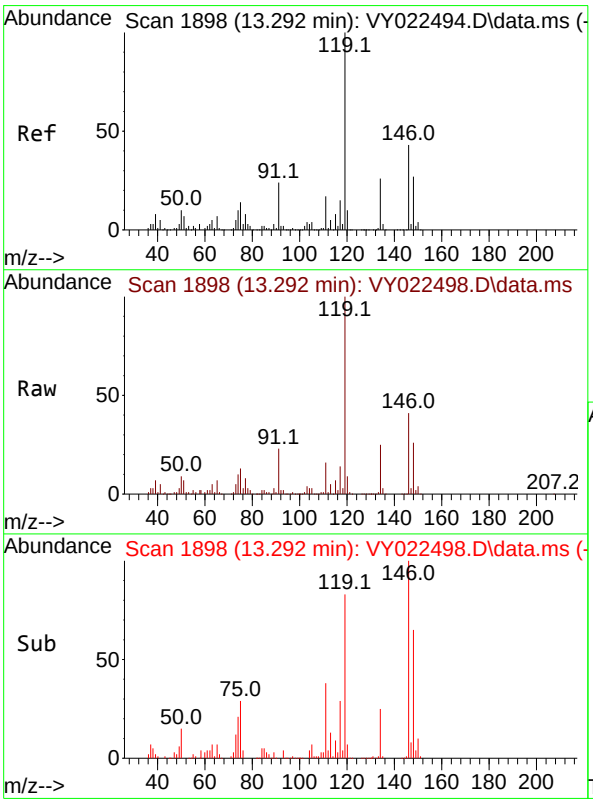
#85
sec-Butylbenzene
Concen: 47.241 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:105 Resp: 607968

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

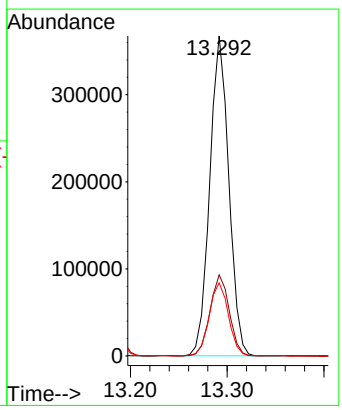


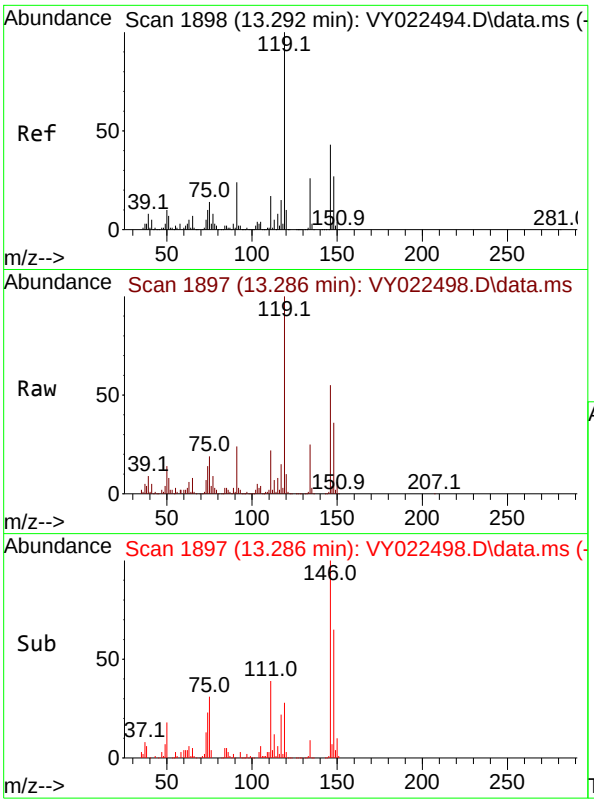


#86
p-Isopropyltoluene
Concen: 47.321 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:119 Resp: 501979

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.1
91	23.0	11.6	34.8



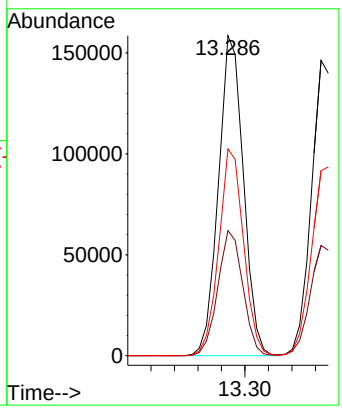


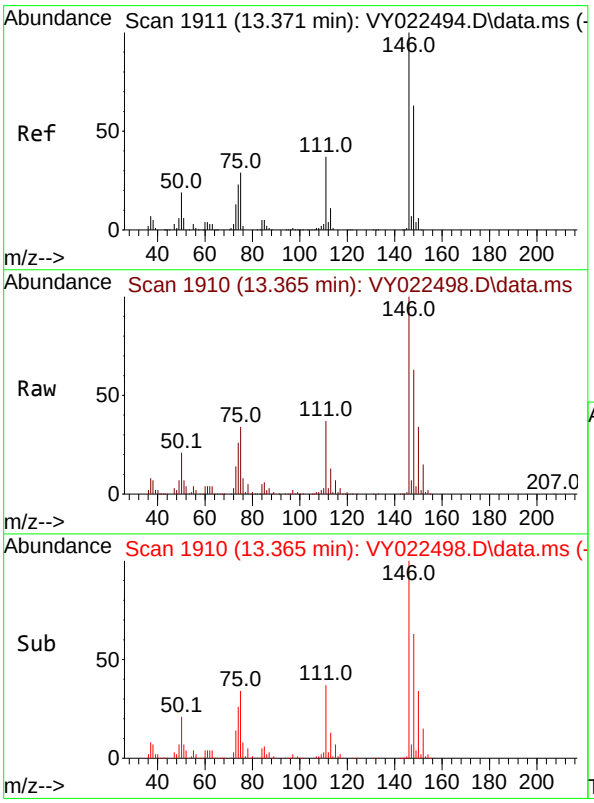
#87
1,3-Dichlorobenzene
Concen: 45.932 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:146 Resp: 234193

Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.1	60.2
148	64.1	32.1	96.3

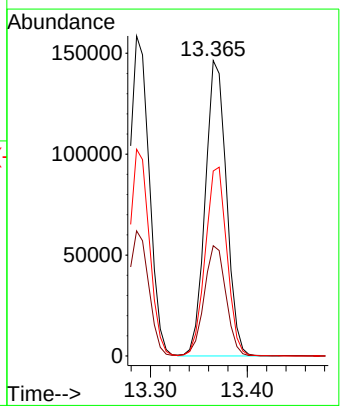


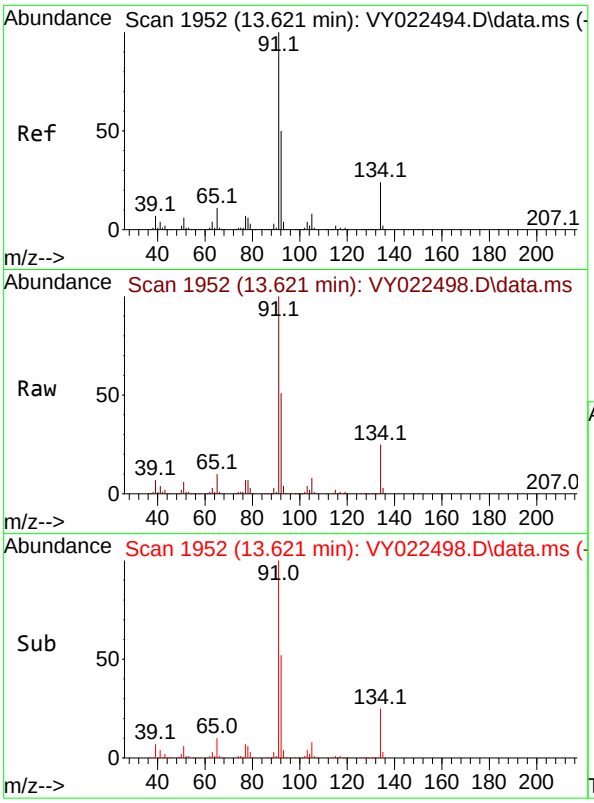


#88
1,4-Dichlorobenzene
Concen: 45.113 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:146 Resp: 223096

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.2
148	65.3	31.6	94.8



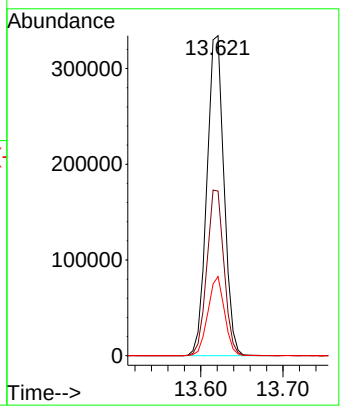


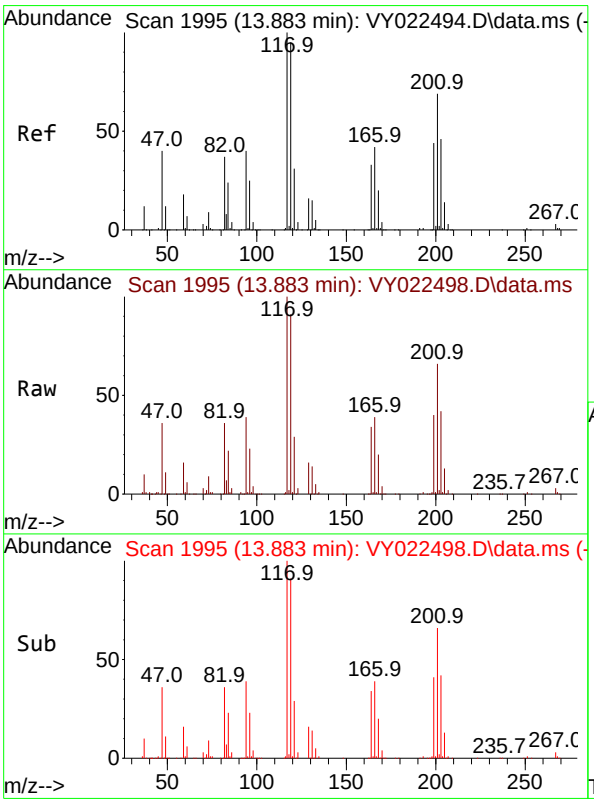
#89
n-Butylbenzene
Concen: 47.968 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 91 Resp: 482774

Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	24.1	12.0	36.1

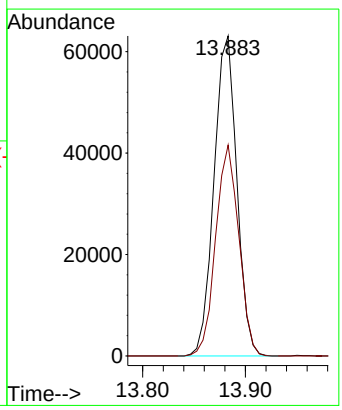


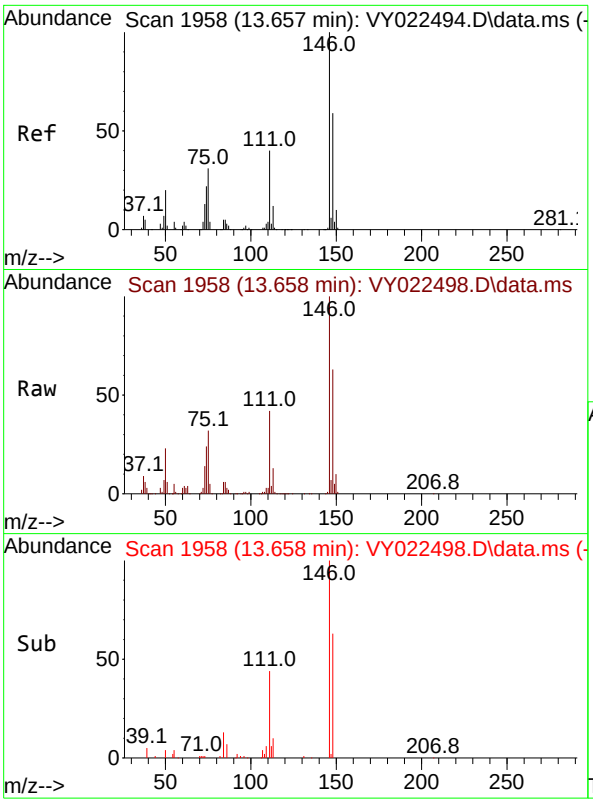


#90
Hexachloroethane
Concen: 47.101 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:117 Resp: 97273

Ion	Ratio	Lower	Upper
117	100		
201	66.8	34.0	102.0



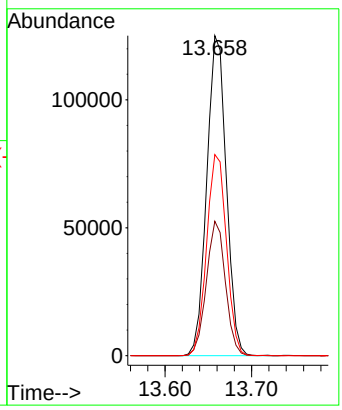


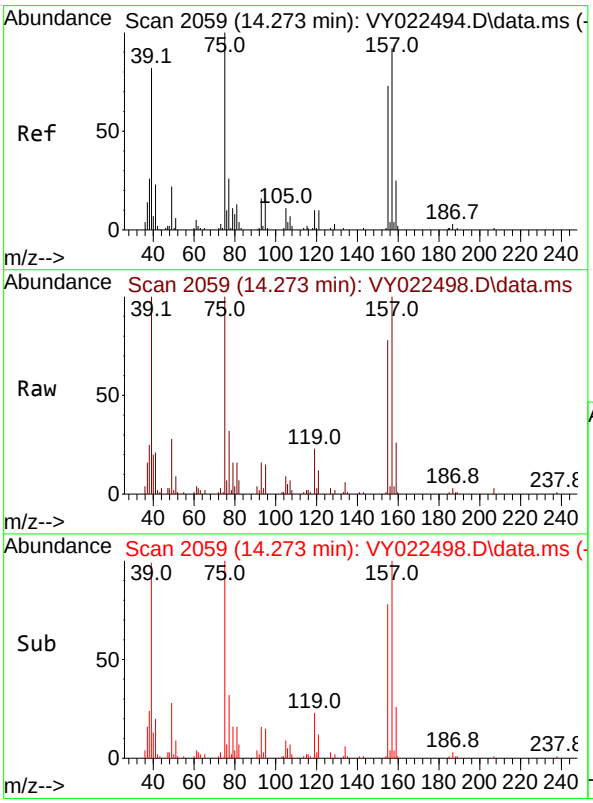
#91
1,2-Dichlorobenzene
Concen: 45.213 ug/l
RT: 13.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:146 Resp: 195728

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.2	60.6
148	63.8	31.4	94.0

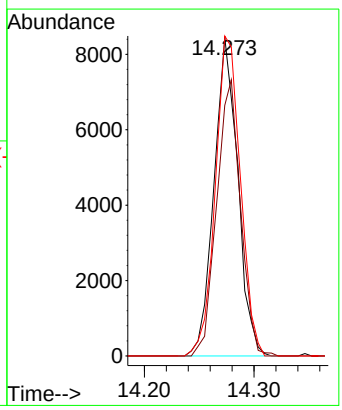


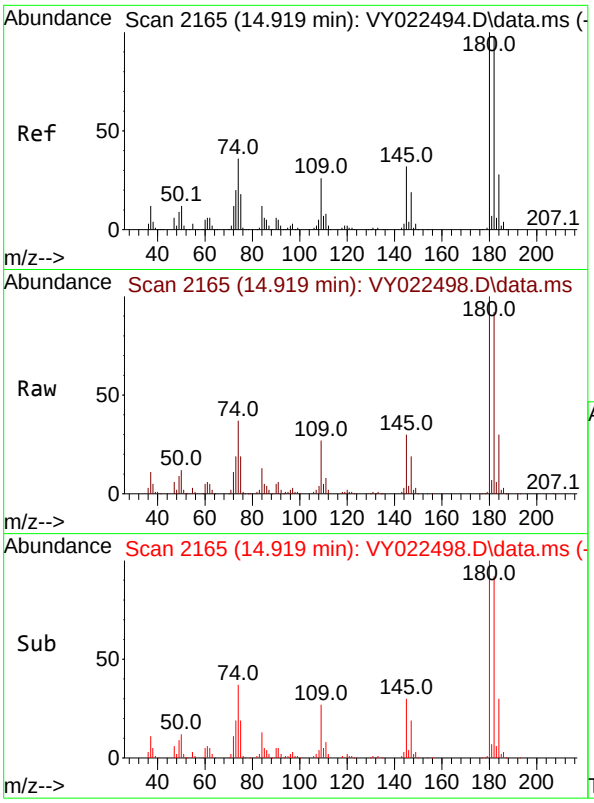


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.665 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 12728

Ion	Ratio	Lower	Upper
75	100		
155	87.1	39.9	119.6
157	105.8	54.0	162.0



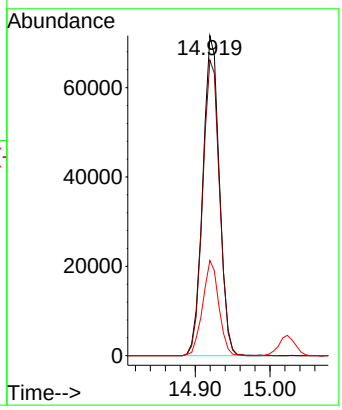


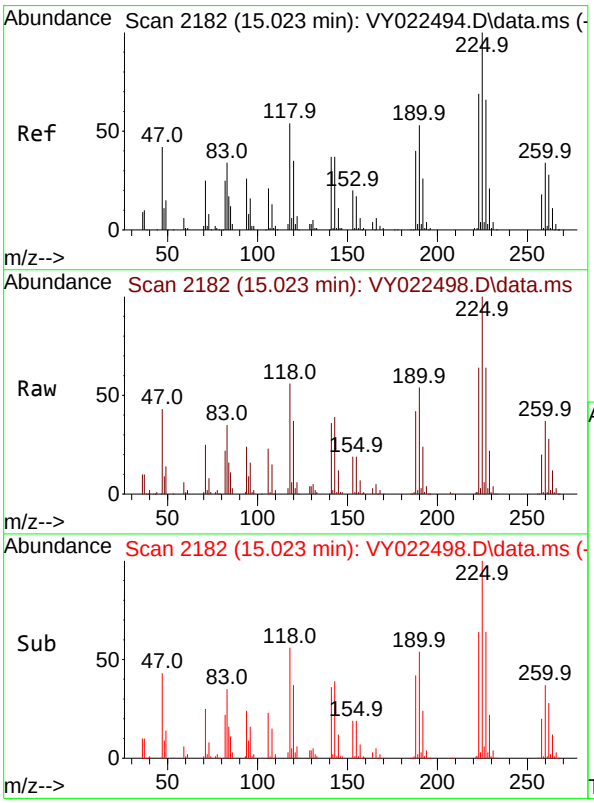
#93
1,2,4-Trichlorobenzene
Concen: 46.481 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:180 Resp: 109742

Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.4	145.3
145	29.1	15.5	46.5

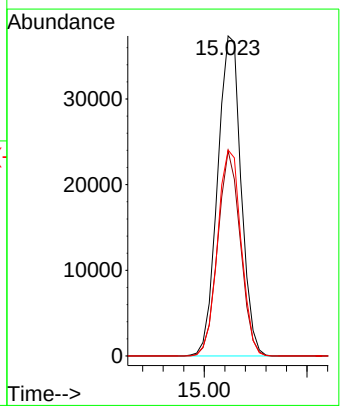


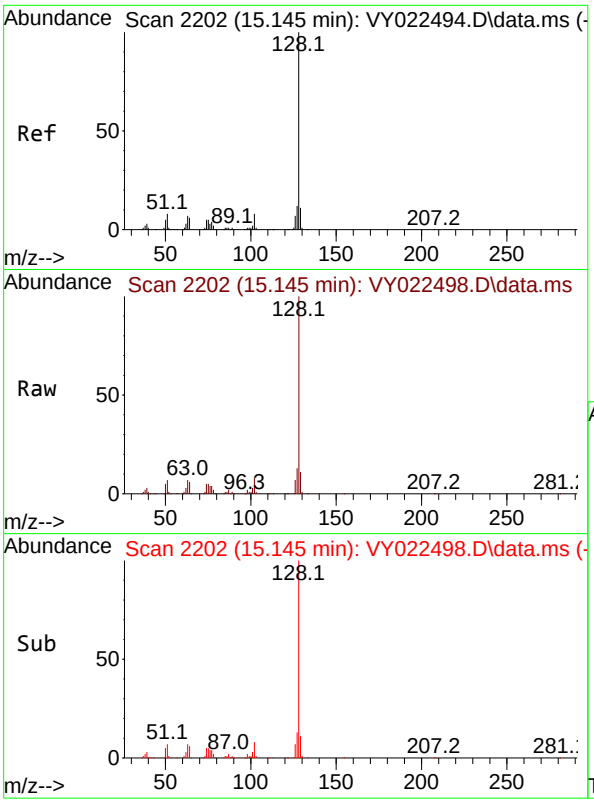


#94
Hexachlorobutadiene
Concen: 45.457 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:225 Resp: 59236

Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.5	97.4
227	64.6	32.3	96.9



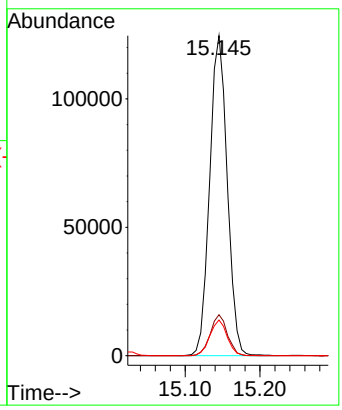


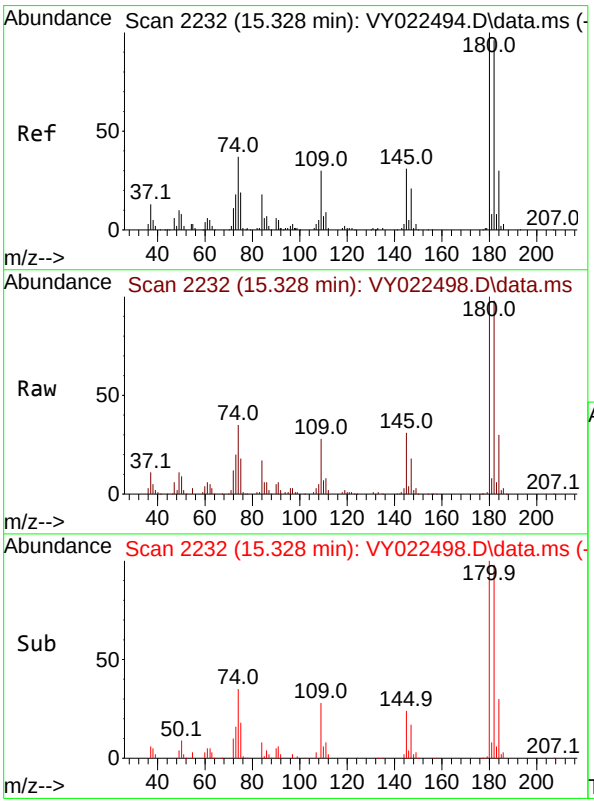
#95
Naphthalene
Concen: 45.009 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:128 Resp: 203925

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	11.0	8.9	13.3

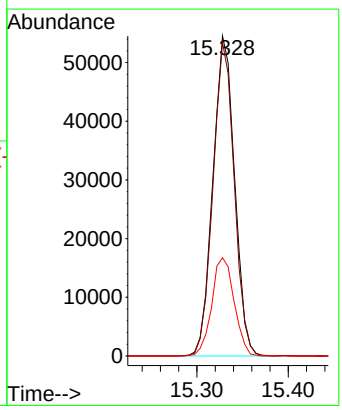




#96
1,2,3-Trichlorobenzene
Concen: 44.331 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:180 Resp: 89699

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.1	141.3
145	31.8	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	157578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	265316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	226799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93928	53.295	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.580%			
35) Dibromofluoromethane	7.634	113	86674	54.732	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.460%			
50) Toluene-d8	10.103	98	351227	54.889	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.780%			
62) 4-Bromofluorobenzene	12.408	95	102854	53.948	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	62968	44.633	ug/l	98
3) Chloromethane	2.068	50	216228	51.880	ug/l	98
4) Vinyl Chloride	2.202	62	270265	55.897	ug/l	99
5) Bromomethane	2.592	94	207702	44.819	ug/l	100
6) Chloroethane	2.732	64	176816	53.279	ug/l	95
7) Trichlorofluoromethane	3.049	101	223253	54.391	ug/l	98
8) Diethyl Ether	3.458	74	44893	48.566	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	85998	49.746	ug/l	99
10) Methyl Iodide	4.007	142	94198	50.351	ug/l	99
11) Tert butyl alcohol	4.872	59	29329	232.995	ug/l	100
12) 1,1-Dichloroethene	3.787	96	80437	48.677	ug/l	95
13) Acrolein	3.653	56	18057	115.103	ug/l	98
14) Allyl chloride	4.378	41	121177	46.712	ug/l	98
15) Acrylonitrile	5.061	53	96935	247.609	ug/l	100
16) Acetone	3.879	43	76054	212.487	ug/l	94
17) Carbon Disulfide	4.104	76	250870	47.420	ug/l	99
18) Methyl Acetate	4.391	43	53562	50.535	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	226943	48.760	ug/l	99
20) Methylene Chloride	4.616	84	94990	46.721	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	91576	49.515	ug/l	88
22) Diisopropyl ether	6.018	45	283820	49.152	ug/l	98
23) Vinyl Acetate	5.964	43	813591	238.054	ug/l	98
24) 1,1-Dichloroethane	5.915	63	173175	50.908	ug/l	99
25) 2-Butanone	6.896	43	122054	236.409	ug/l	99
26) 2,2-Dichloropropane	6.890	77	149781	49.833	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	107570	50.321	ug/l	98
28) Bromochloromethane	7.244	49	76022	51.267	ug/l	98
29) Tetrahydrofuran	7.268	42	79406	238.466	ug/l	99
30) Chloroform	7.421	83	175028	51.947	ug/l	96
31) Cyclohexane	7.701	56	149209	44.059	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	153283	51.247	ug/l	99
36) 1,1-Dichloropropene	7.835	75	128210	49.883	ug/l	99
37) Ethyl Acetate	6.982	43	54455	47.510	ug/l	98
38) Carbon Tetrachloride	7.817	117	135428	51.363	ug/l	99
39) Methylcyclohexane	9.109	83	164532	47.635	ug/l	97
40) Benzene	8.079	78	388821	51.219	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	32009	47.810	ug/l		99
42) 1,2-Dichloroethane	8.158	62	106146	51.210	ug/l		98
43) Isopropyl Acetate	8.201	43	117992	47.665	ug/l		100
44) Trichloroethene	8.866	130	97879	52.755	ug/l		98
45) 1,2-Dichloropropane	9.140	63	92401	51.503	ug/l		99
46) Dibromomethane	9.231	93	52912	52.423	ug/l		98
47) Bromodichloromethane	9.420	83	135175	52.817	ug/l		100
48) Methyl methacrylate	9.219	41	54646	47.036	ug/l		93
49) 1,4-Dioxane	9.237	88	11374	951.195	ug/l		92
51) 4-Methyl-2-Pentanone	9.999	43	306364	248.232	ug/l		99
52) Toluene	10.170	92	247331	51.844	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	124050	51.731	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	142700	51.121	ug/l		97
55) 1,1,2-Trichloroethane	10.573	97	65190	50.652	ug/l		95
56) Ethyl methacrylate	10.438	69	92549	49.753	ug/l		98
57) 1,3-Dichloropropane	10.719	76	116284	50.976	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	231530	274.143	ug/l		99
59) 2-Hexanone	10.762	43	200444	242.841	ug/l		100
60) Dibromochloromethane	10.908	129	84902	51.909	ug/l		99
61) 1,2-Dibromoethane	11.011	107	60454	51.536	ug/l		98
64) Tetrachloroethene	10.646	164	113126	57.985	ug/l		96
65) Chlorobenzene	11.438	112	261829	52.170	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	88180	52.156	ug/l		99
67) Ethyl Benzene	11.517	91	479857	51.549	ug/l		99
68) m/p-Xylenes	11.627	106	362462	102.714	ug/l		99
69) o-Xylene	11.956	106	172493	52.136	ug/l		96
70) Styrene	11.969	104	285228	52.154	ug/l		98
71) Bromoform	12.133	173	45337	50.392	ug/l	#	98
73) Isopropylbenzene	12.255	105	449360	51.212	ug/l		99
74) N-amyl acetate	12.072	43	105483	47.644	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	68065	47.263	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	98867	80.860	ug/l	#	100
77) Bromobenzene	12.529	156	92990	50.220	ug/l		98
78) n-propylbenzene	12.597	91	544933	50.847	ug/l		99
79) 2-Chlorotoluene	12.676	91	286949	50.518	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	351549	51.032	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	24542	48.473	ug/l		96
82) 4-Chlorotoluene	12.779	91	293231	50.043	ug/l		99
83) tert-Butylbenzene	12.999	119	314442	50.858	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	348078	50.520	ug/l		99
85) sec-Butylbenzene	13.176	105	479100	50.596	ug/l		100
86) p-Isopropyltoluene	13.292	119	400127	51.264	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	192662	51.355	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	181764	49.953	ug/l		100
89) n-Butylbenzene	13.615	91	375701	50.734	ug/l		100
90) Hexachloroethane	13.877	117	78797	51.856	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	165313	51.900	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10373	49.472	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	86435	49.755	ug/l		99
94) Hexachlorobutadiene	15.023	225	48899	50.999	ug/l		98
95) Naphthalene	15.145	128	162310	48.688	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	73426	49.319	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

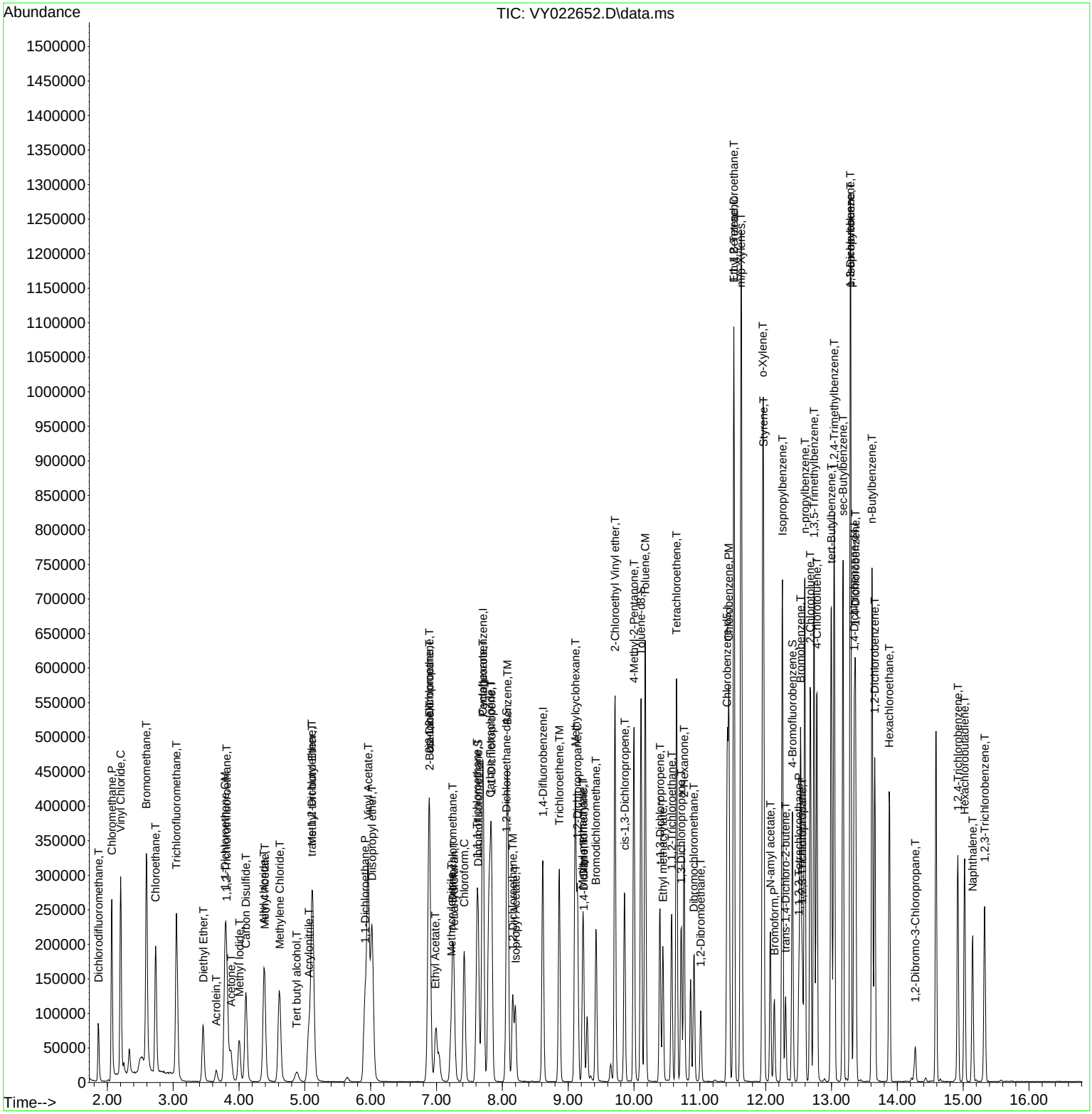
(#) = qualifier out of range (m) = manual integration (+) = signals summed

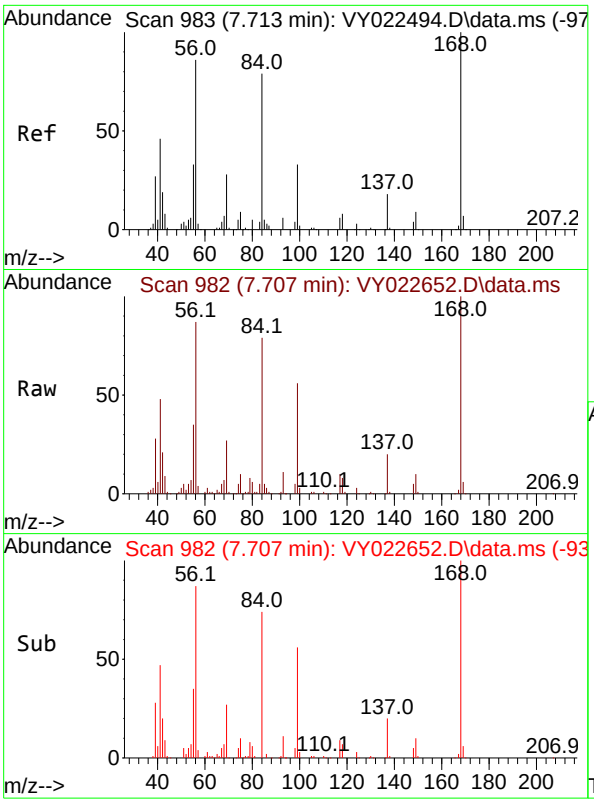
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022652.D
Acq On : 11 Jun 2025 09:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 12 05:02:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



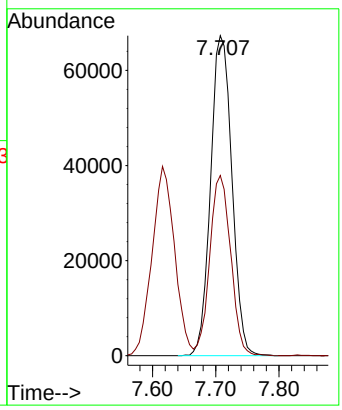


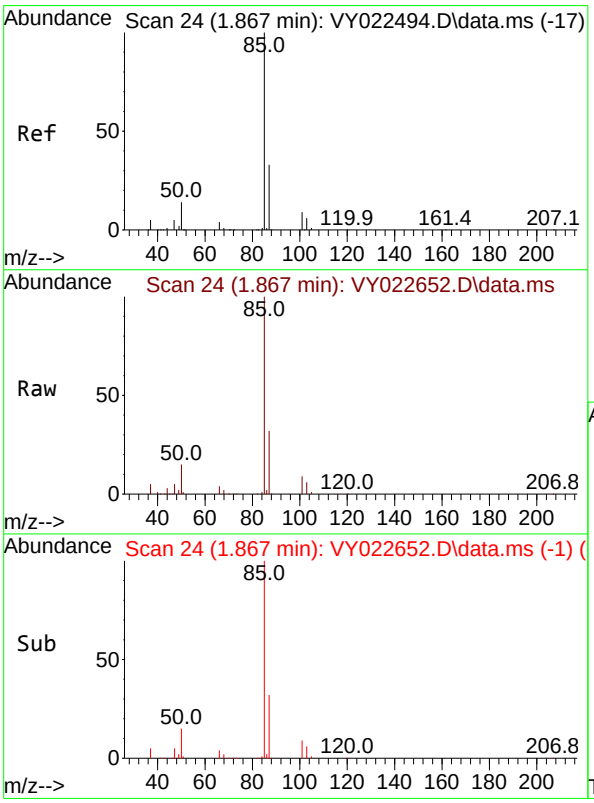
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 157578

Ion	Ratio	Lower	Upper
168	100		
99	56.3	44.3	66.5

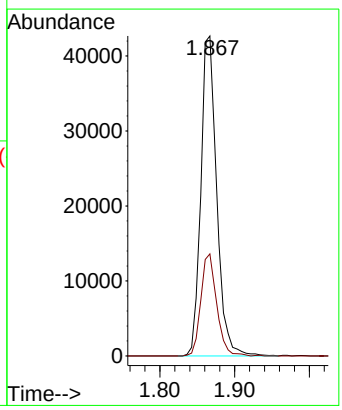


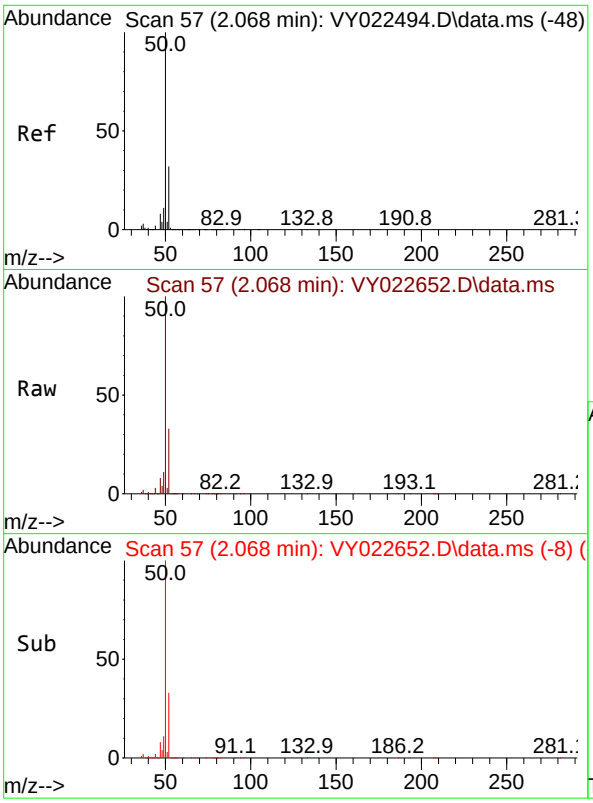


#2
Dichlorodifluoromethane
Concen: 44.633 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 85 Resp: 62968

Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.7	50.0



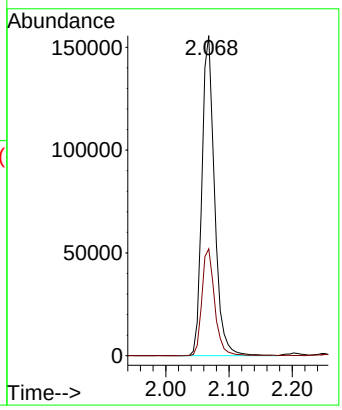


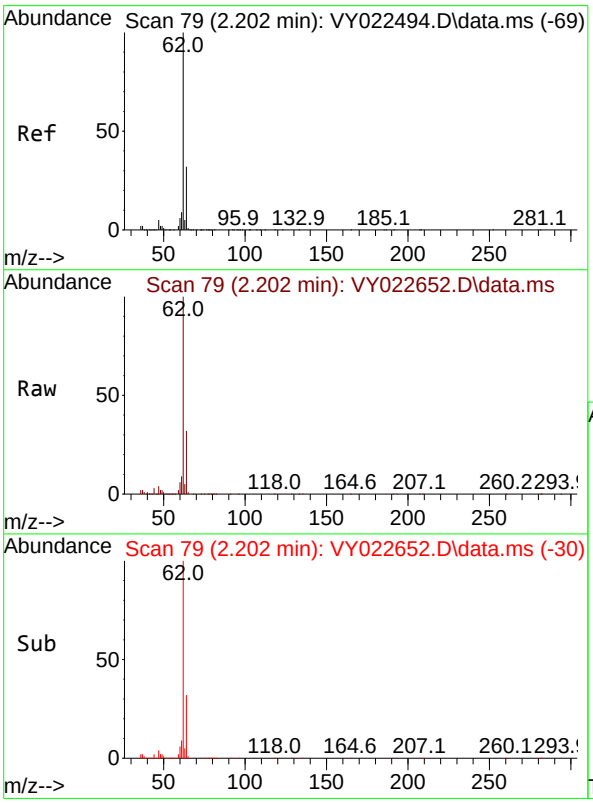
#3
Chloromethane
Concen: 51.880 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 216228

Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.0	39.0

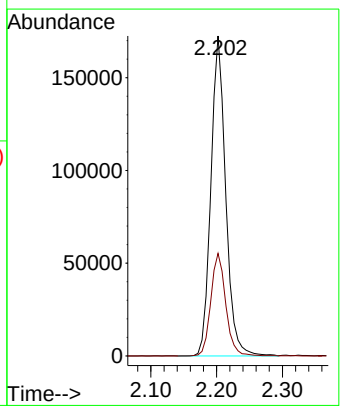


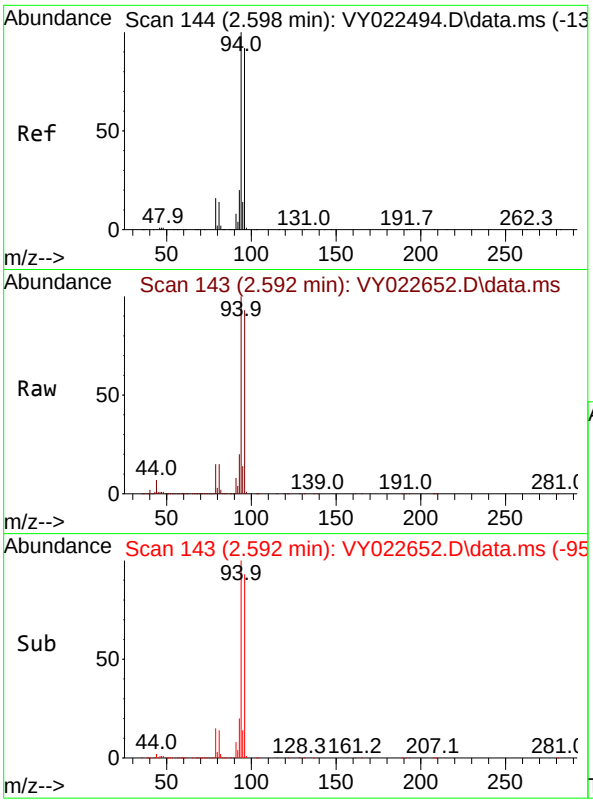


#4
Vinyl Chloride
Concen: 55.897 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 62 Resp: 270265

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.3	37.9



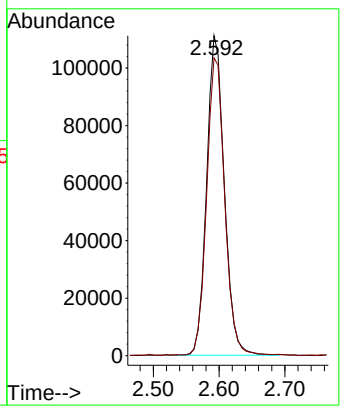


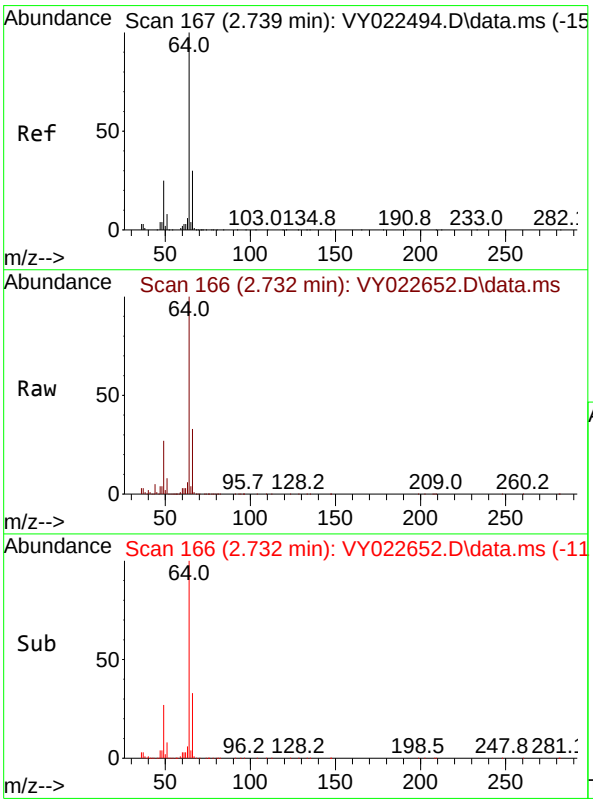
#5
Bromomethane
Concen: 44.819 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 207702

Ion	Ratio	Lower	Upper
94	100		
96	92.8	74.0	111.0

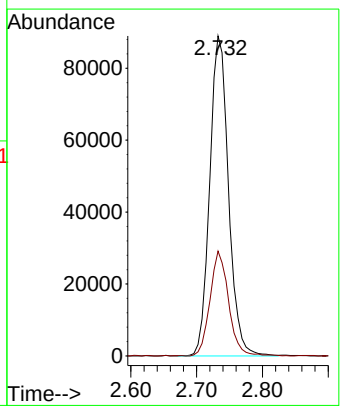


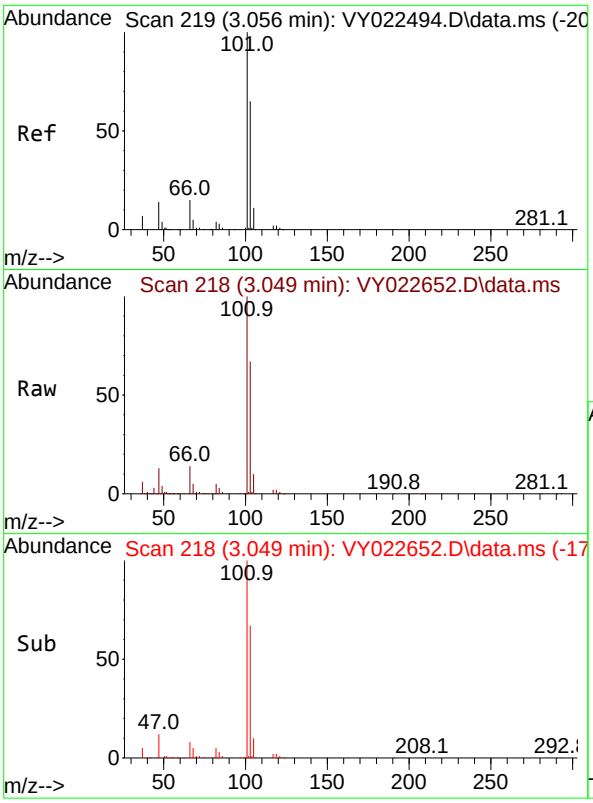


#6
Chloroethane
Concen: 53.279 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 64 Resp: 176816

Ion	Ratio	Lower	Upper
64	100		
66	32.6	23.8	35.6



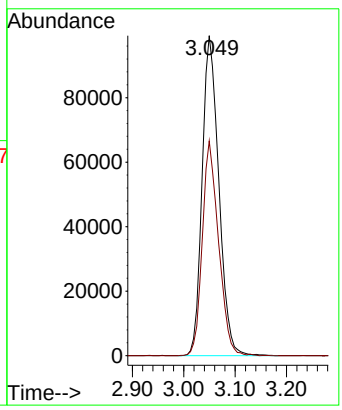


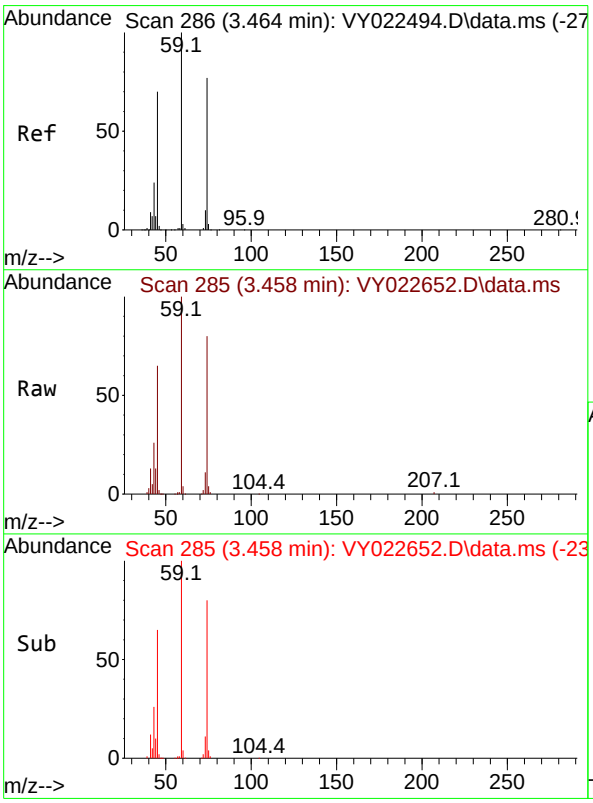
#7
Trichlorofluoromethane
Concen: 54.391 ug/l
RT: 3.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 223253

Ion	Ratio	Lower	Upper
101	100		
103	67.1	52.2	78.2

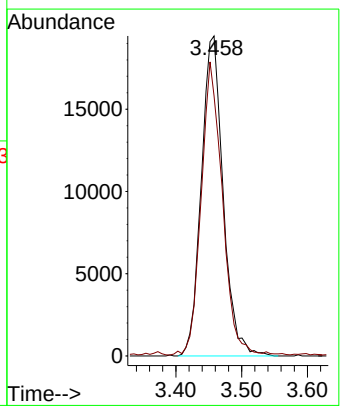


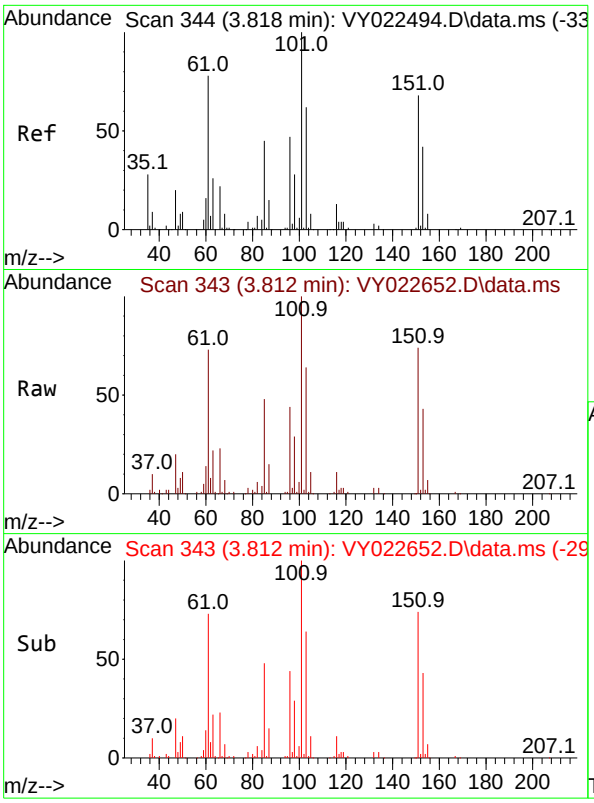


#8
Diethyl Ether
Concen: 48.566 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 74 Resp: 44893

Ion	Ratio	Lower	Upper
74	100		
45	88.5	45.9	137.6



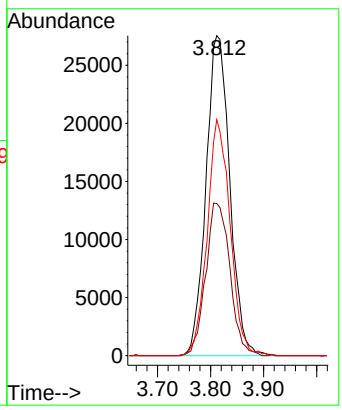


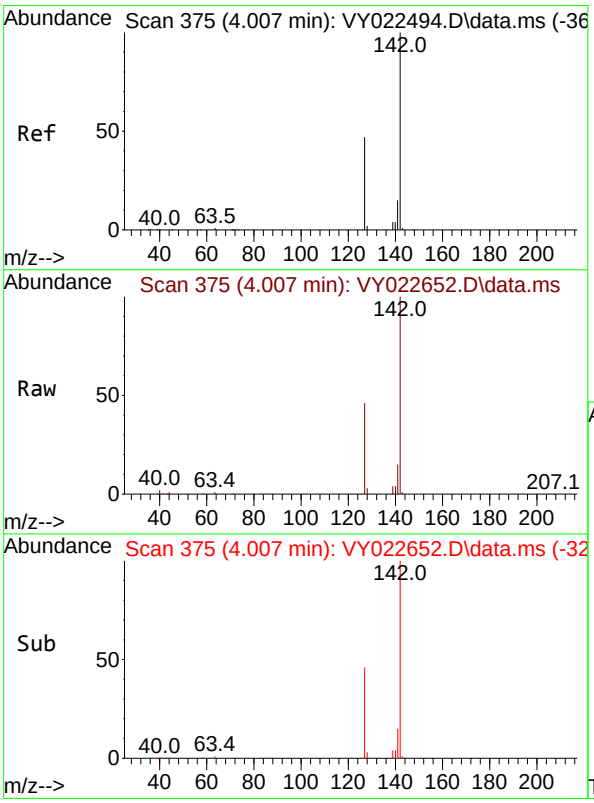
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.746 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 85998

Ion	Ratio	Lower	Upper
101	100		
85	48.5	39.3	58.9
151	71.0	57.8	86.8

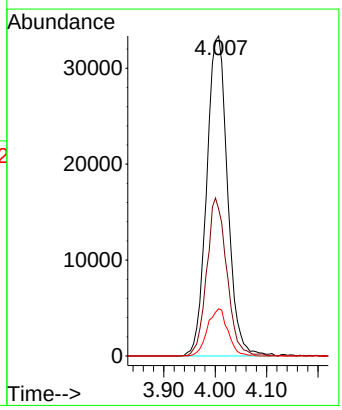


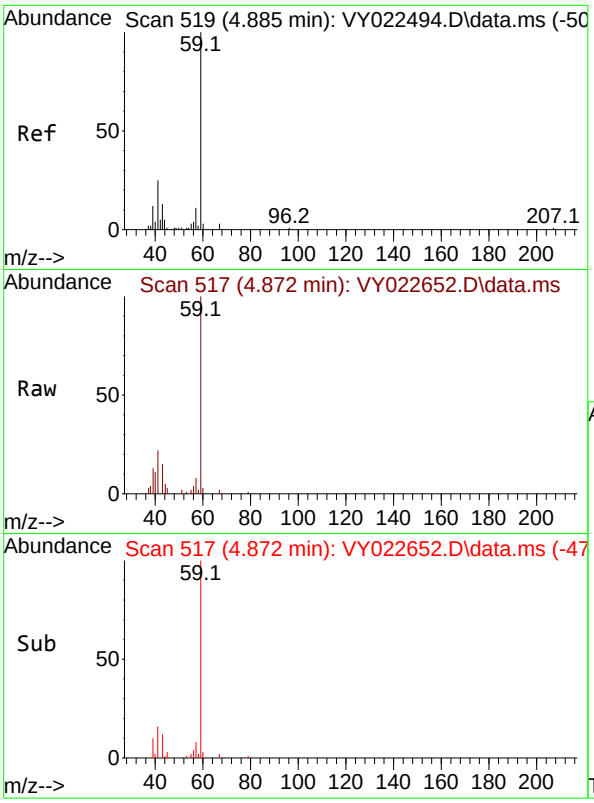


#10
Methyl Iodide
Concen: 50.351 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:142 Resp: 94198

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.1	55.7
141	14.4	11.4	17.2



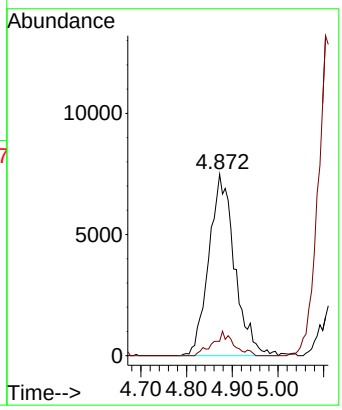


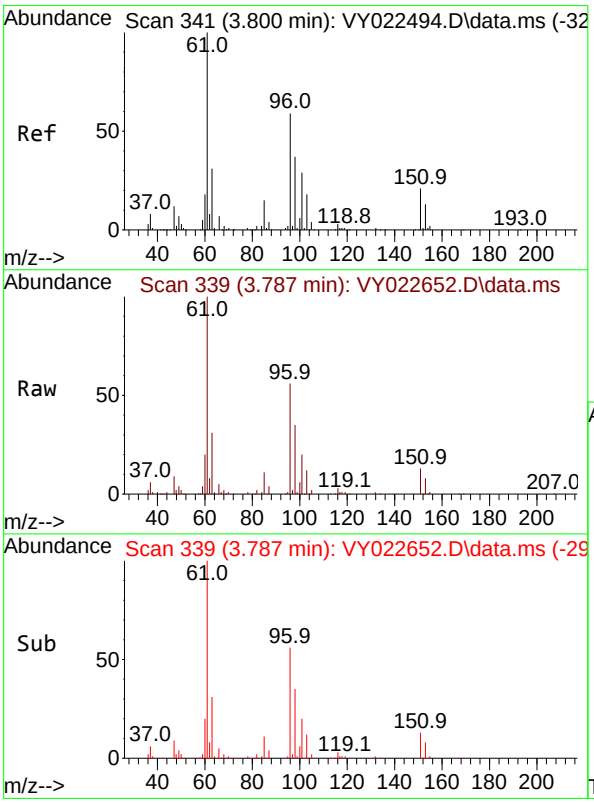
#11
Tert butyl alcohol
Concen: 232.995 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 29329

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

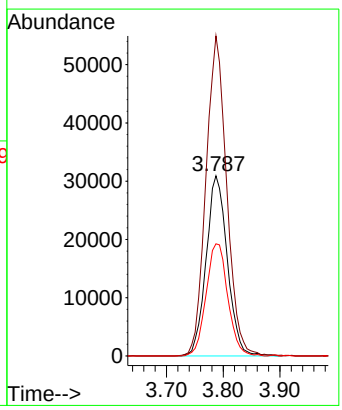


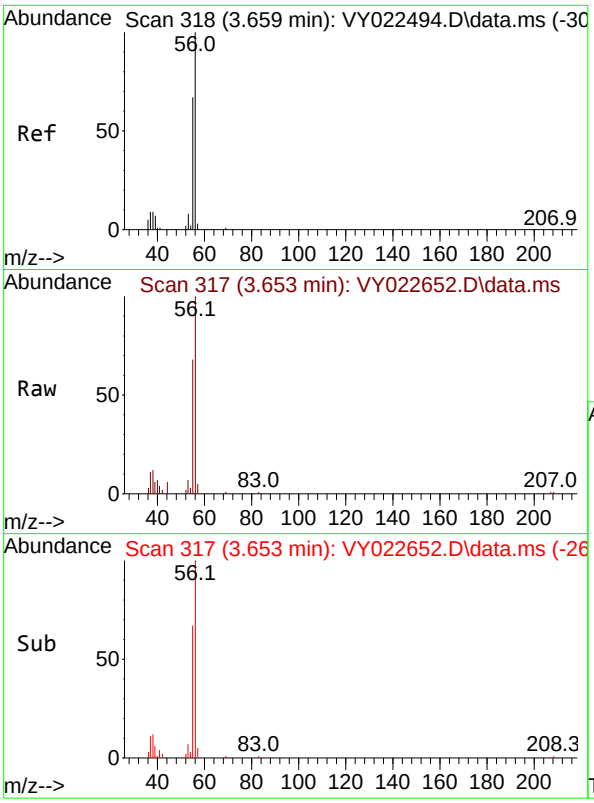


#12
1,1-Dichloroethene
Concen: 48.677 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 96 Resp: 80437

Ion	Ratio	Lower	Upper
96	100		
61	177.4	134.6	201.8
98	62.2	50.2	75.4



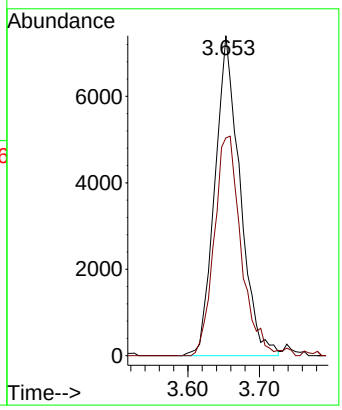


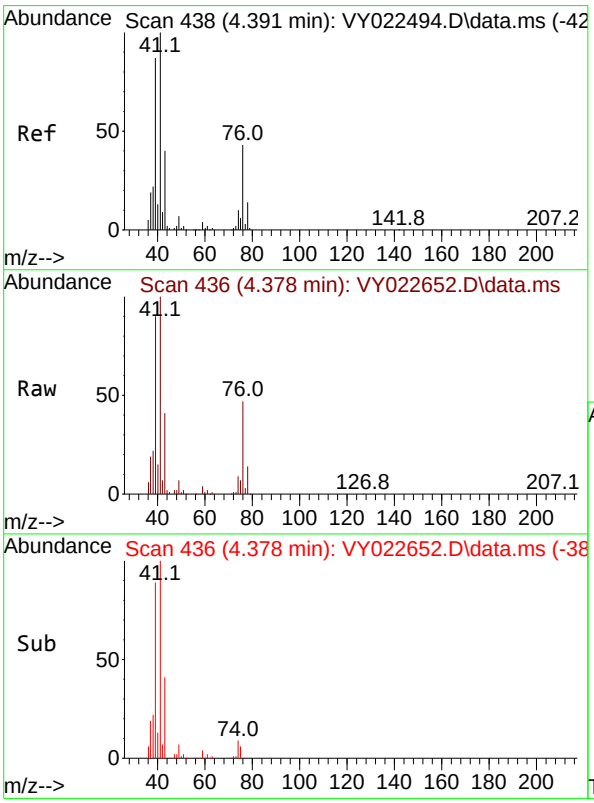
#13
Acrolein
Concen: 115.103 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 18057

Ion	Ratio	Lower	Upper
56	100		
55	73.1	57.0	85.6

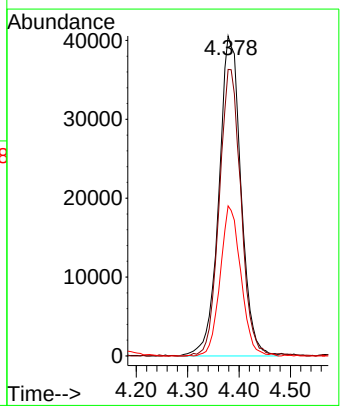


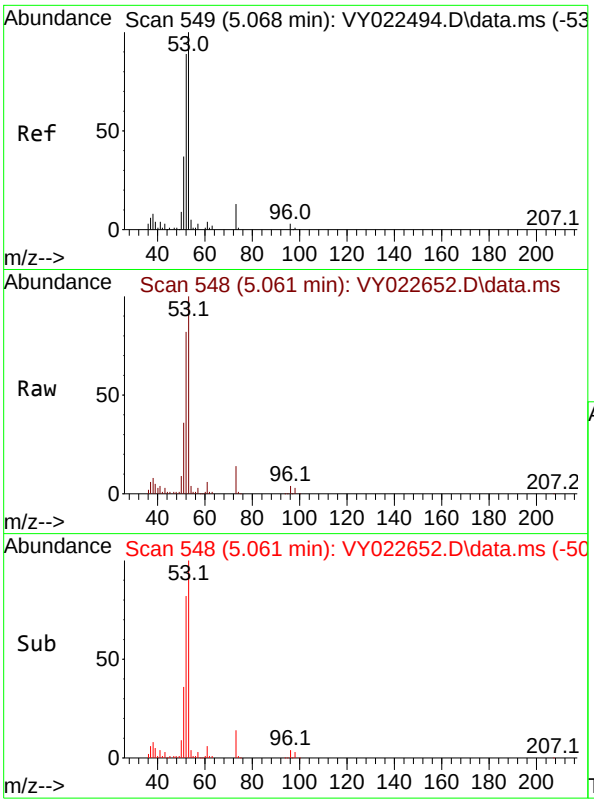


#14
Allyl chloride
Concen: 46.712 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 41 Resp: 121177

Ion	Ratio	Lower	Upper
41	100		
39	87.9	69.1	103.7
76	43.9	33.5	50.3



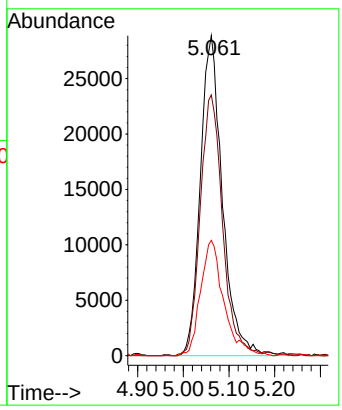


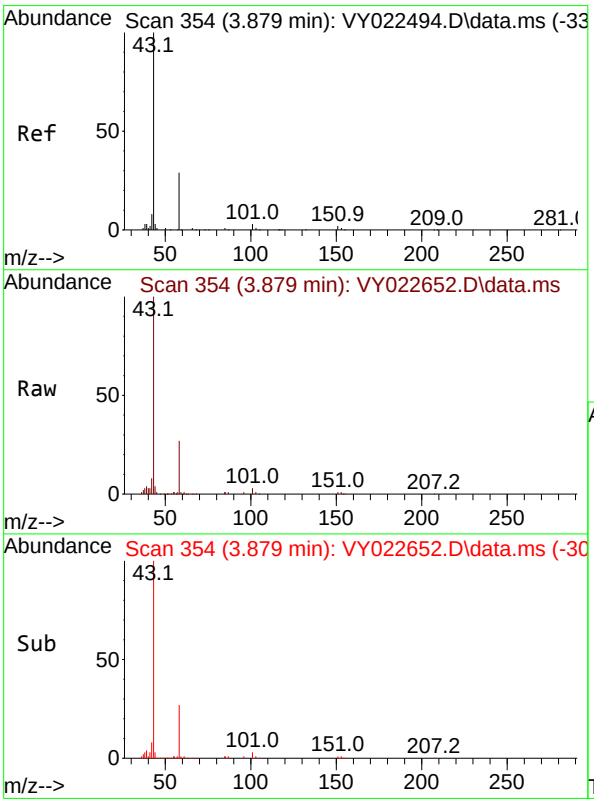
#15
Acrylonitrile
Concen: 247.609 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 96935

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.7	98.5
51	38.0	30.1	45.1

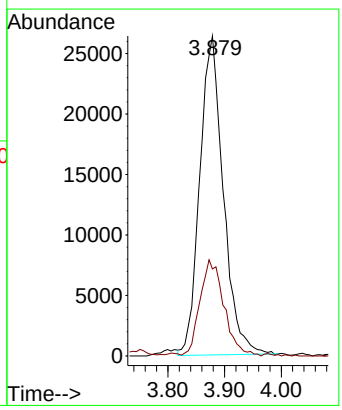


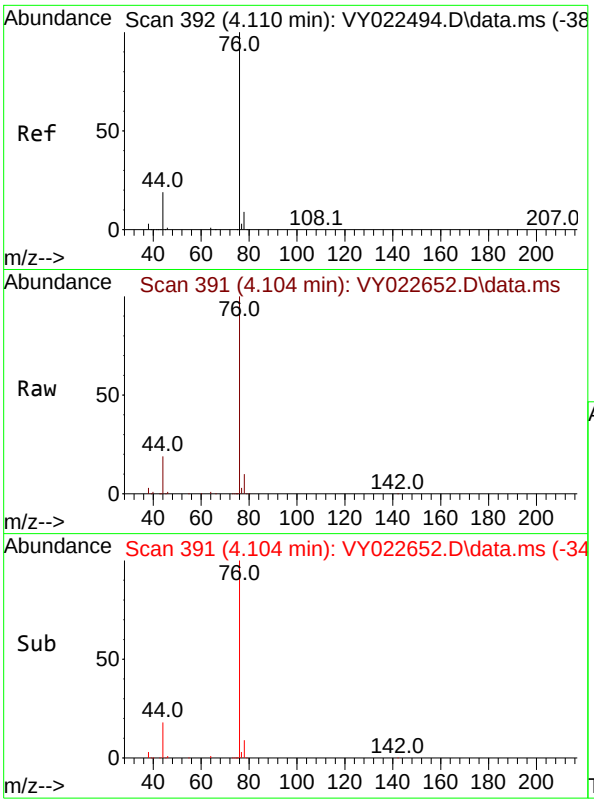


#16
Acetone
Concen: 212.487 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 76054

Ion	Ratio	Lower	Upper
43	100		
58	27.0	24.0	36.0



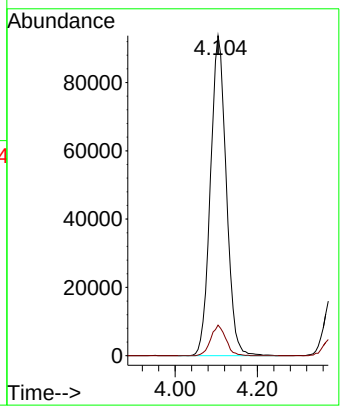


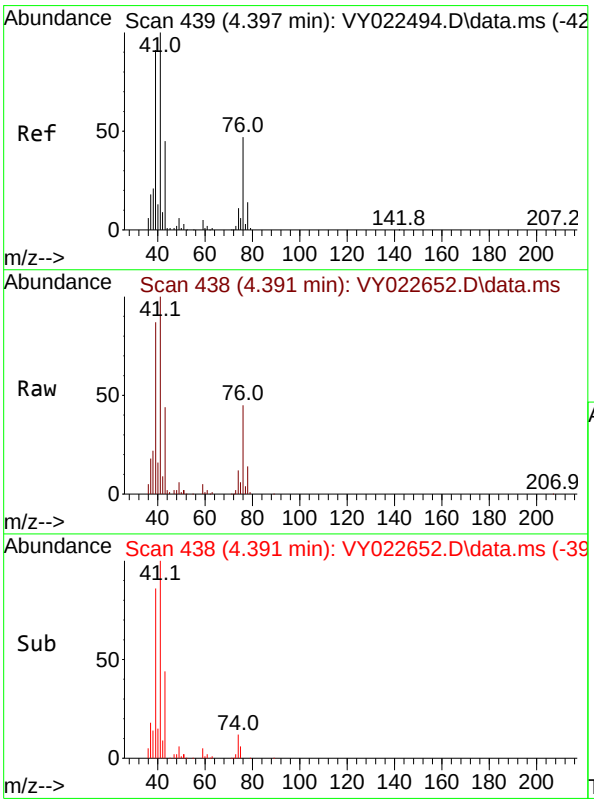
#17
Carbon Disulfide
Concen: 47.420 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 250870

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

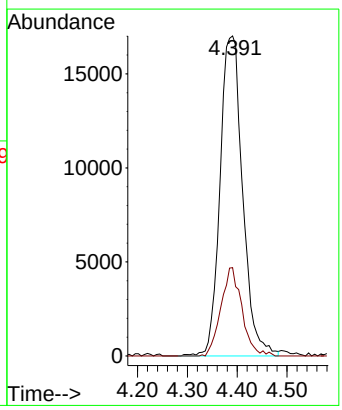


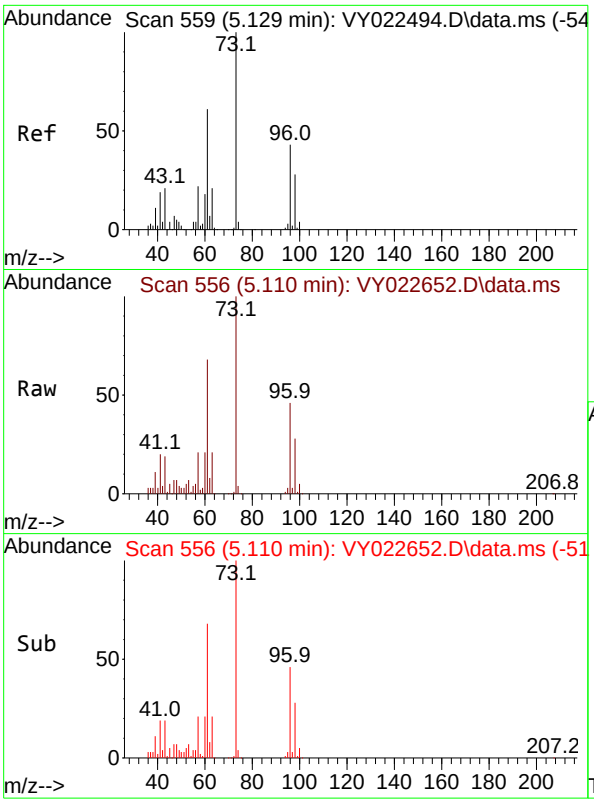


#18
Methyl Acetate
Concen: 50.535 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 53562

Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.8	29.6



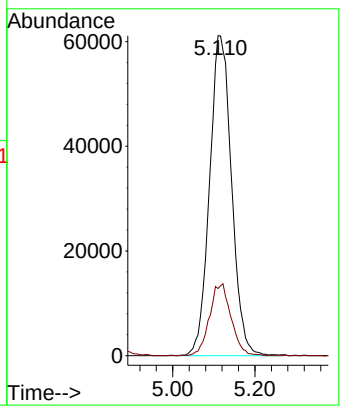


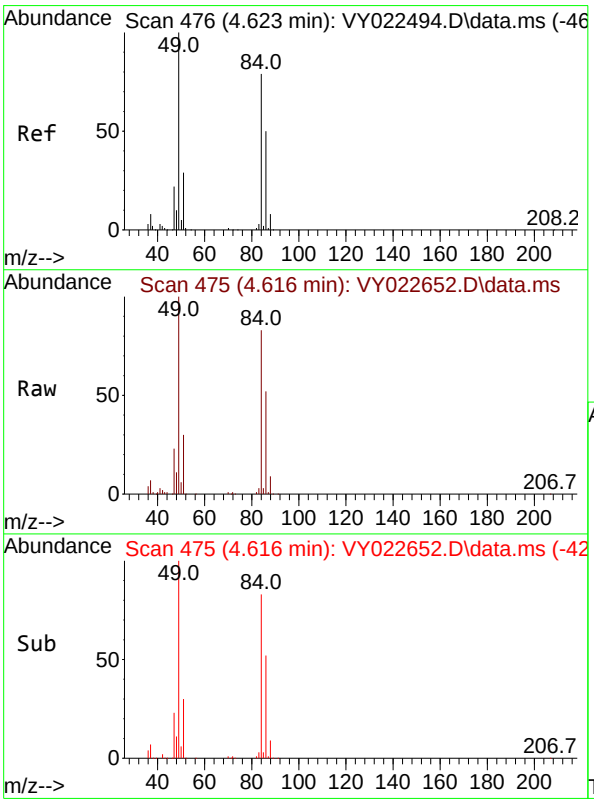
#19
Methyl tert-butyl Ether
Concen: 48.760 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 226943

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.0

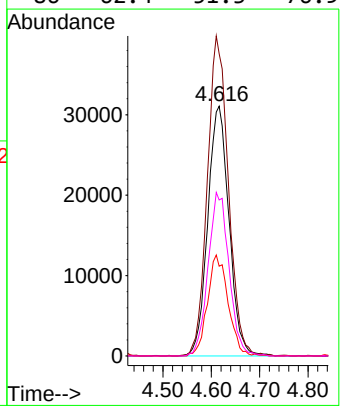


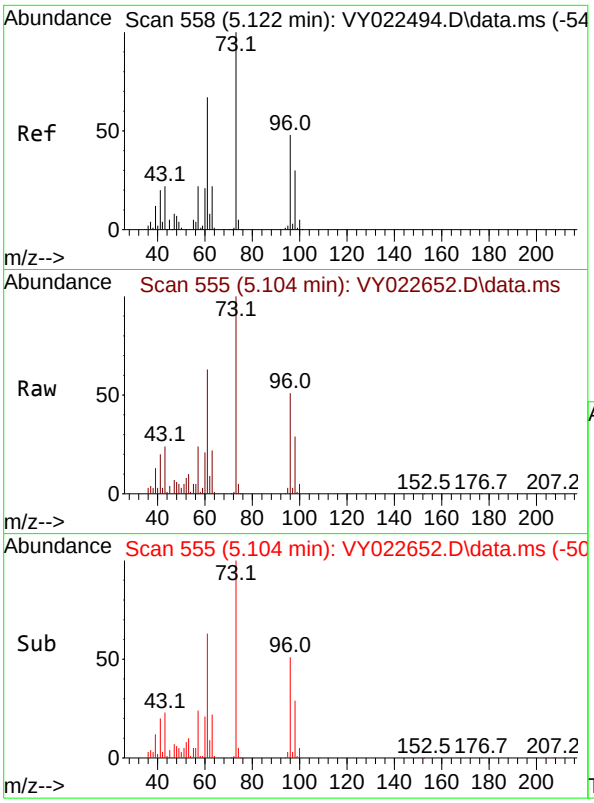


#20
Methylene Chloride
Concen: 46.721 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 84 Resp: 94990

Ion	Ratio	Lower	Upper
84	100		
49	121.0	101.9	152.9
51	35.9	29.8	44.8
86	62.4	51.3	76.9



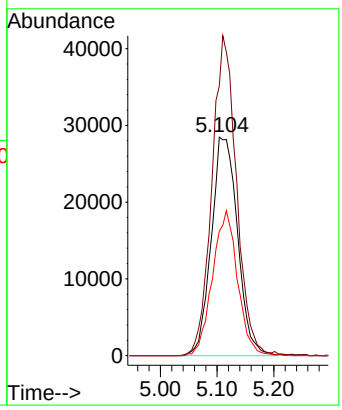


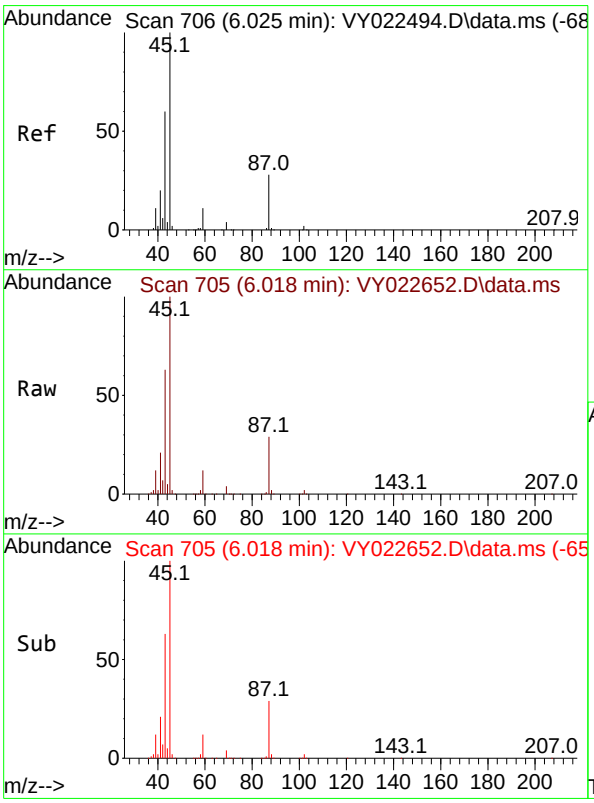
#21
trans-1,2-Dichloroethene
Concen: 49.515 ug/l
RT: 5.104 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 91576

Ion	Ratio	Lower	Upper
96	100		
61	123.5	112.6	169.0
98	57.0	50.6	75.8

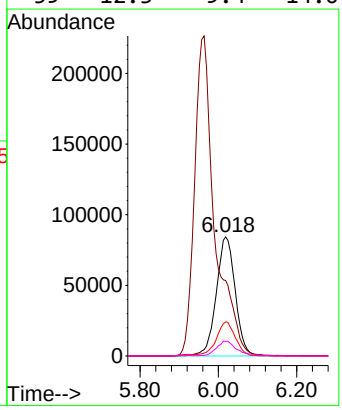


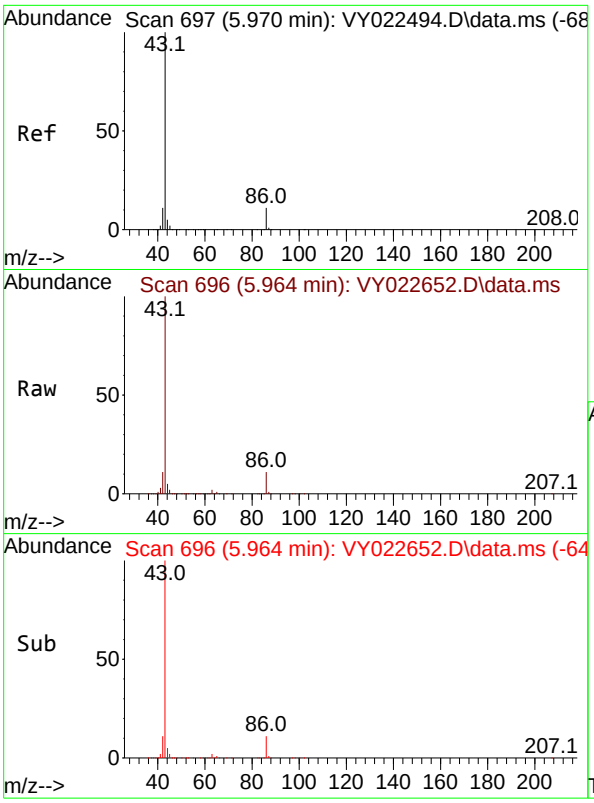


#22
Diisopropyl ether
Concen: 49.152 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 45 Resp: 283820

Ion	Ratio	Lower	Upper
45	100		
43	62.8	48.3	72.5
87	28.5	23.0	34.6
59	12.3	9.4	14.0



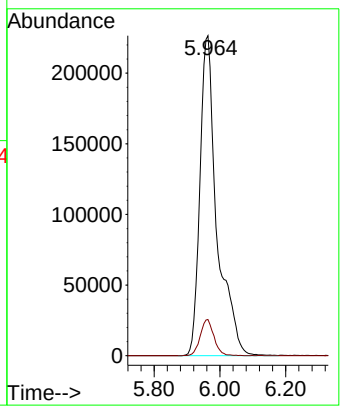


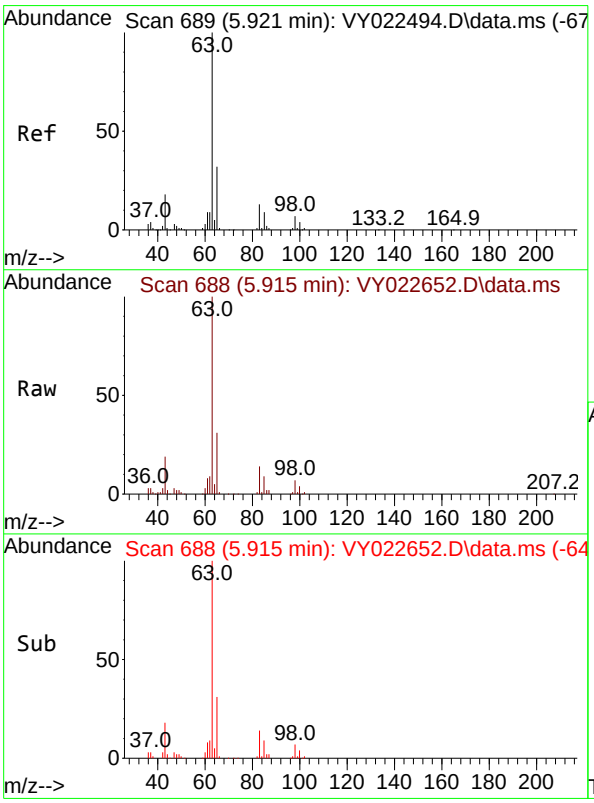
#23
Vinyl Acetate
Concen: 238.054 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 813591

Ion	Ratio	Lower	Upper
43	100		
86	11.3	8.6	12.8

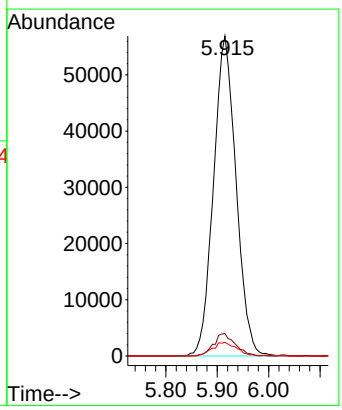


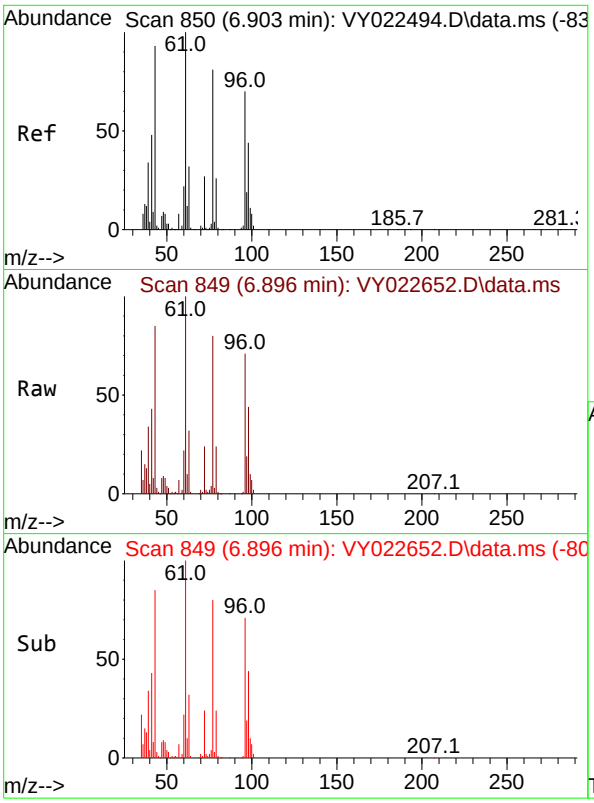


#24
1,1-Dichloroethane
Concen: 50.908 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 63 Resp: 173175

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.1
100	4.3	2.1	6.3



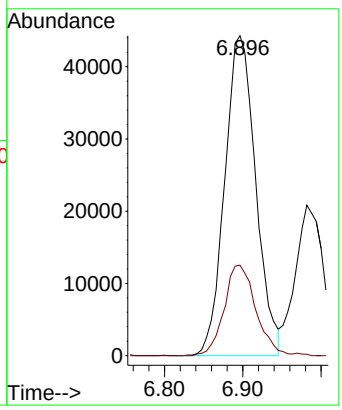


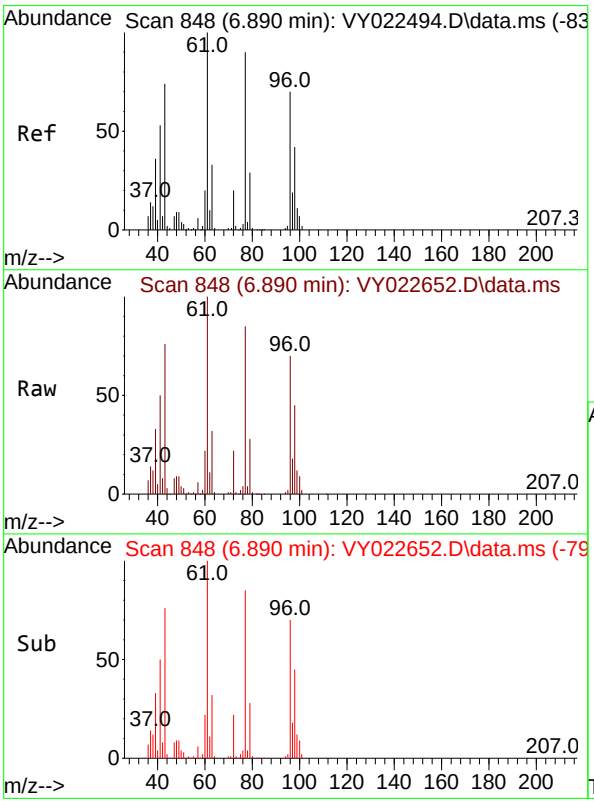
#25
2-Butanone
Concen: 236.409 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 122054

Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.9	34.3

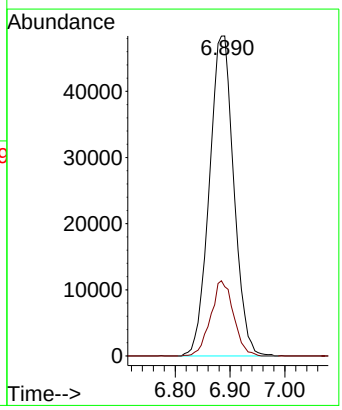


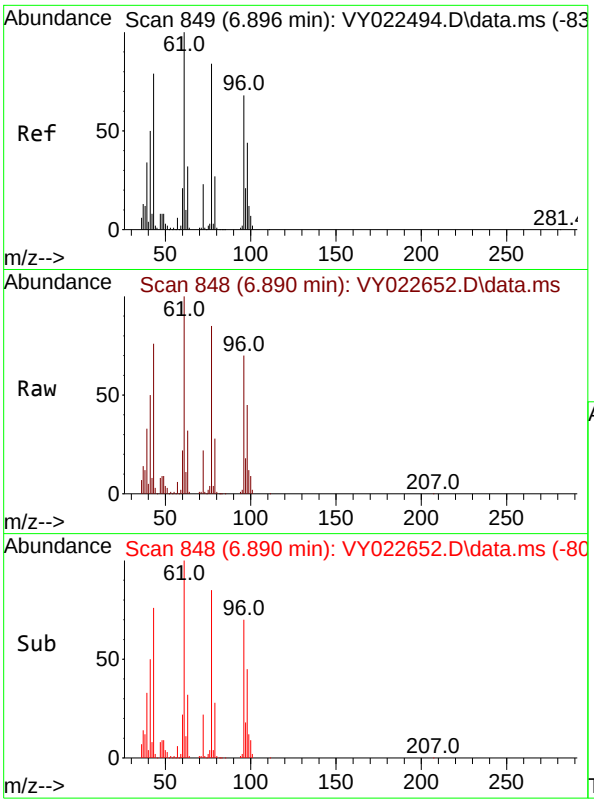


#26
2,2-Dichloropropane
Concen: 49.833 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 77 Resp: 149781

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.4	34.2



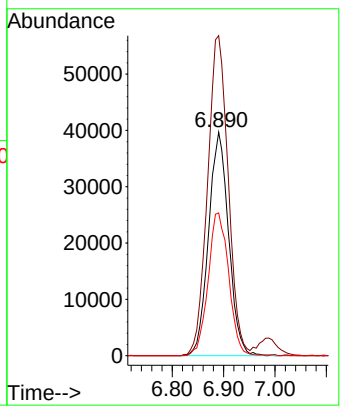


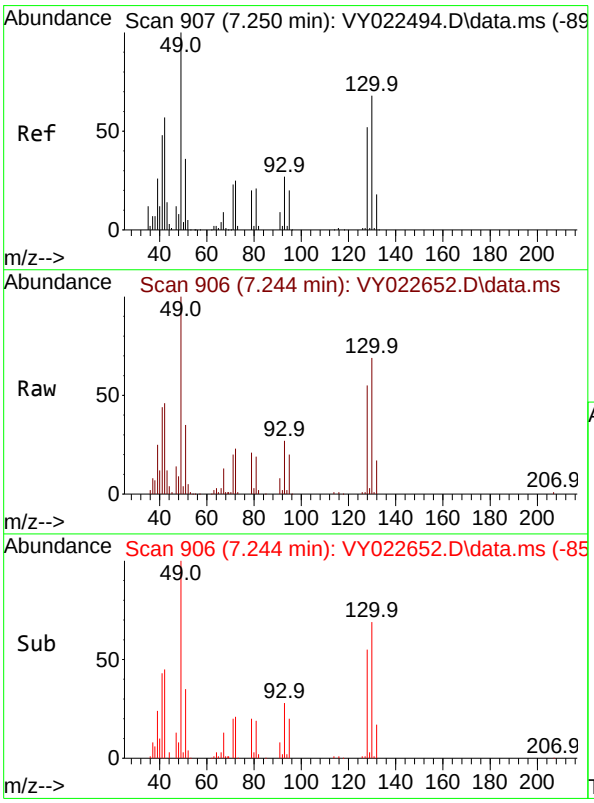
#27
cis-1,2-Dichloroethene
Concen: 50.321 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 107570

Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	290.0
98	65.5	0.0	128.4

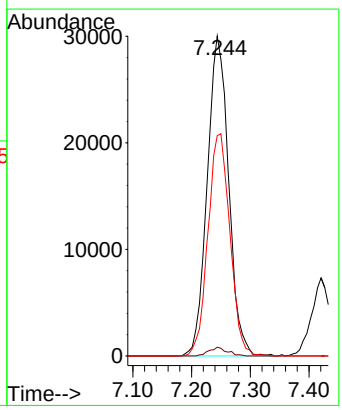


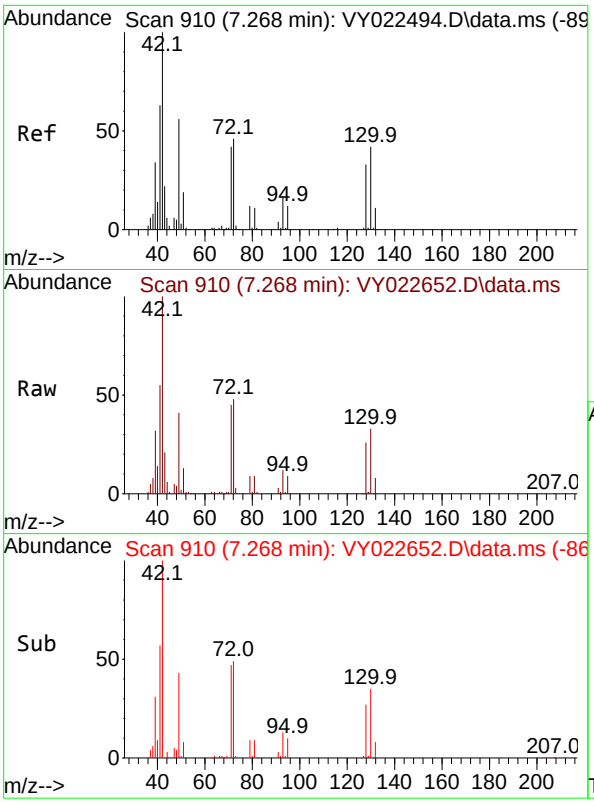


#28
Bromochloromethane
Concen: 51.267 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 49 Resp: 76022

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.6
130	71.2	55.7	83.5



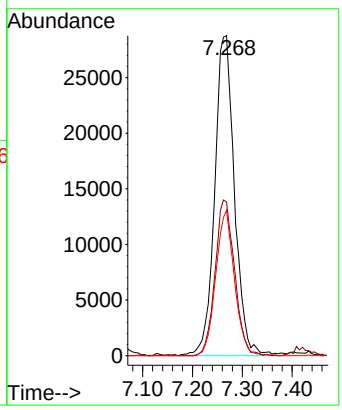


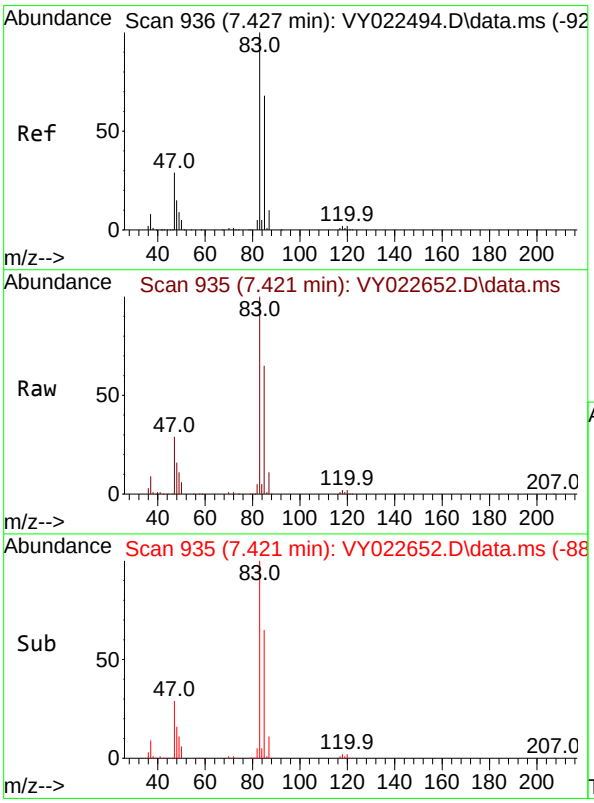
#29
Tetrahydrofuran
Concen: 238.466 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 79406

Ion	Ratio	Lower	Upper
42	100		
72	47.8	37.4	56.2
71	42.8	34.2	51.2

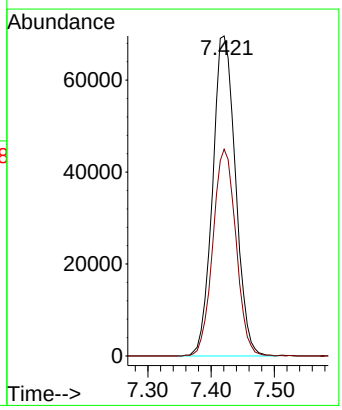


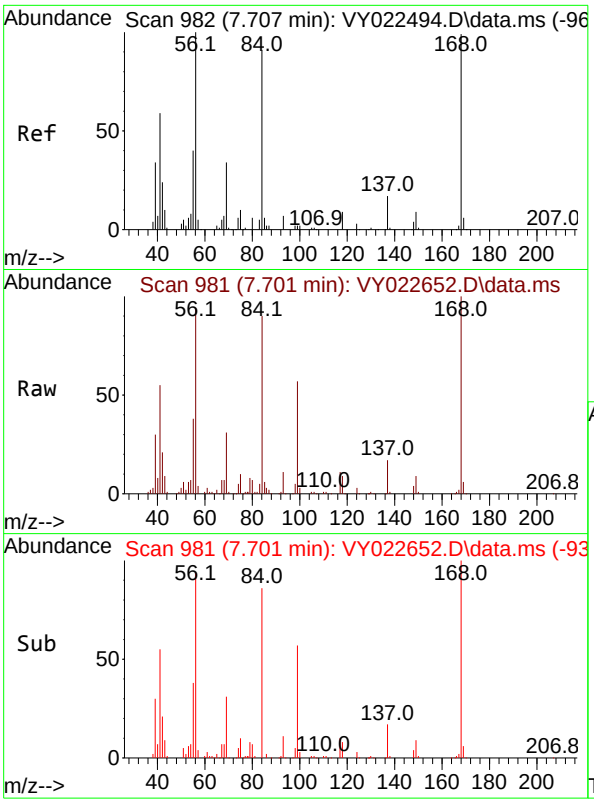


#30
Chloroform
Concen: 51.947 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 83 Resp: 175028

Ion	Ratio	Lower	Upper
83	100		
85	64.6	54.2	81.4



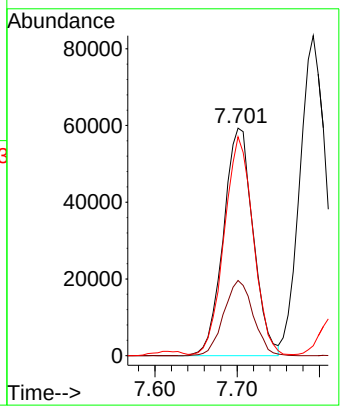


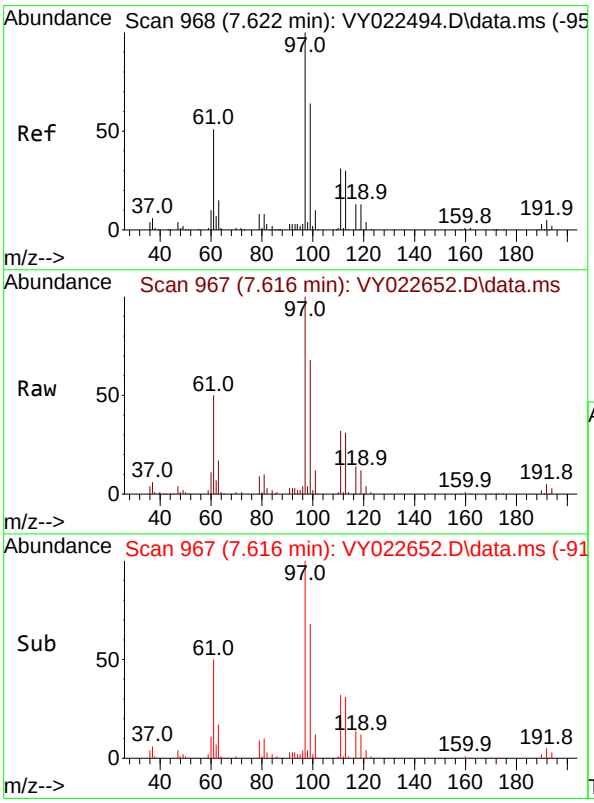
#31
Cyclohexane
Concen: 44.059 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 149209

Ion	Ratio	Lower	Upper
56	100		
69	33.1	27.0	40.6
84	94.4	72.6	109.0

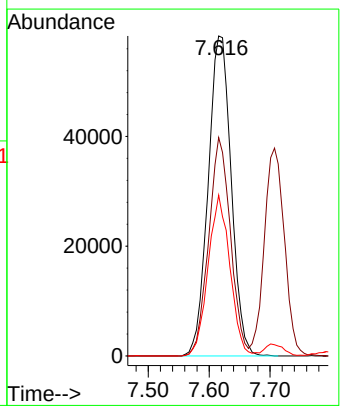


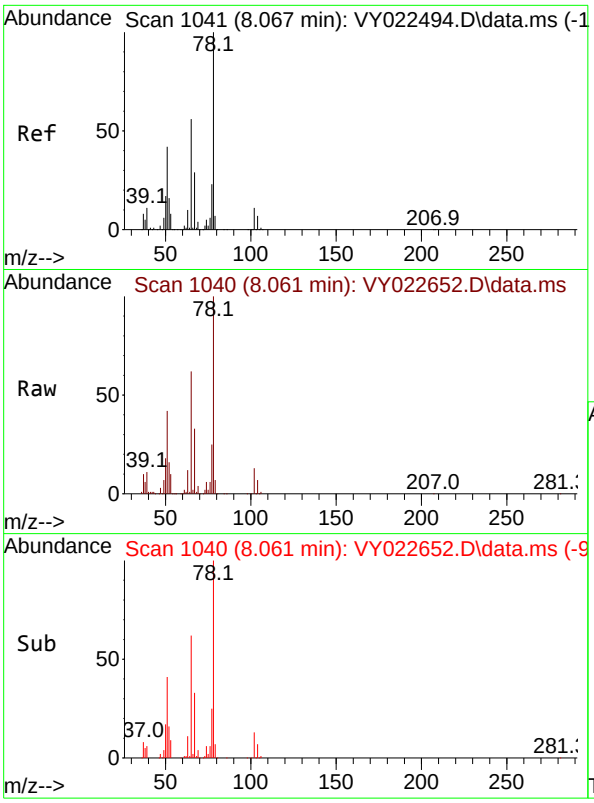


#32
1,1,1-Trichloroethane
Concen: 51.247 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 97 Resp: 153283

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.9	76.3
61	47.6	38.5	57.7



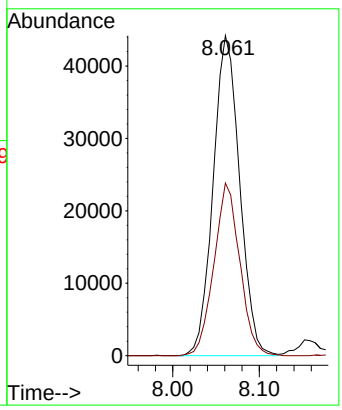


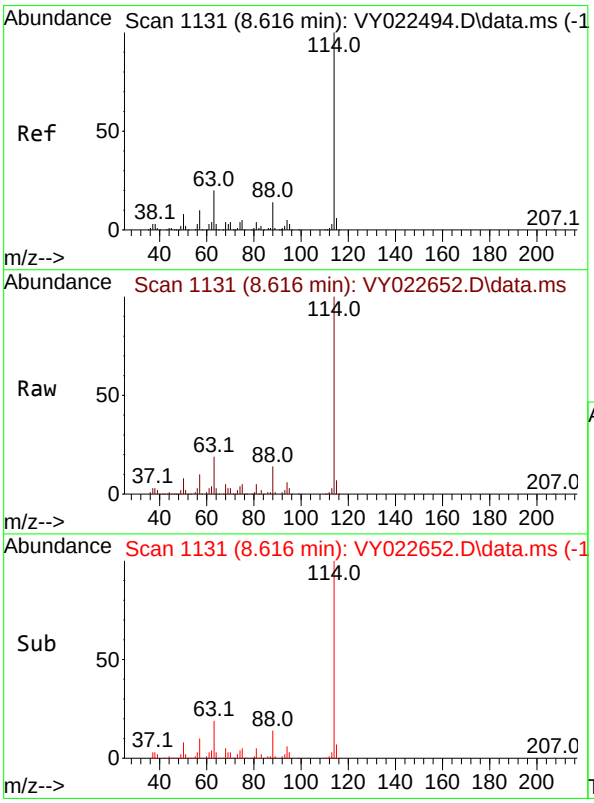
#33
1,2-Dichloroethane-d4
Concen: 53.295 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 93928

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.4

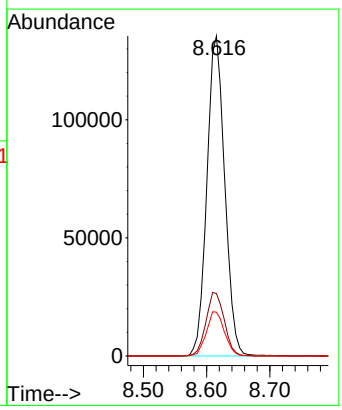


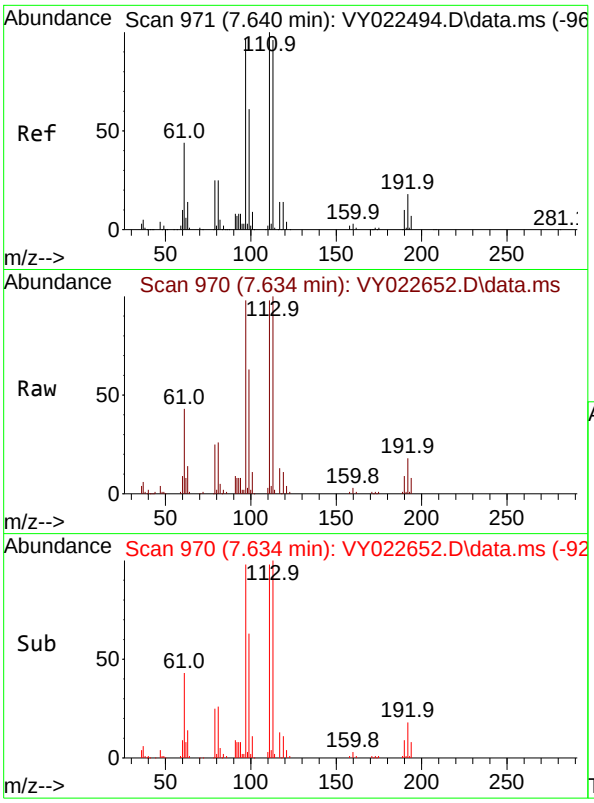


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:114 Resp: 265316

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	13.7	0.0	27.8



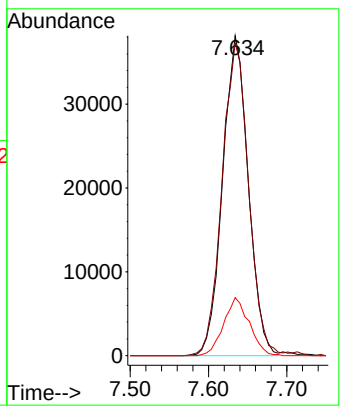


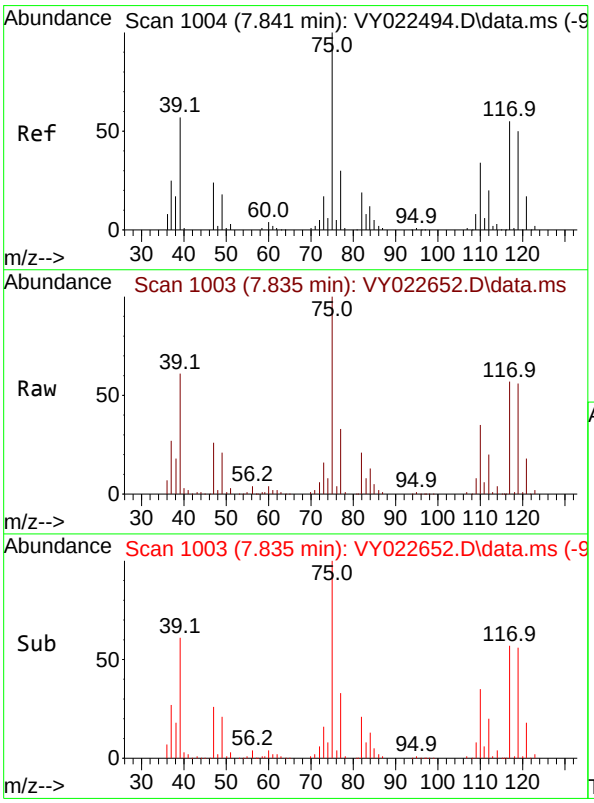
#35
Dibromofluoromethane
Concen: 54.732 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 86674

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	18.2	14.2	21.2

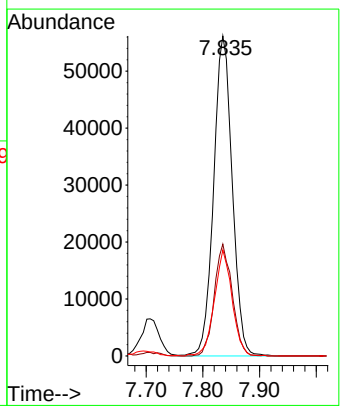


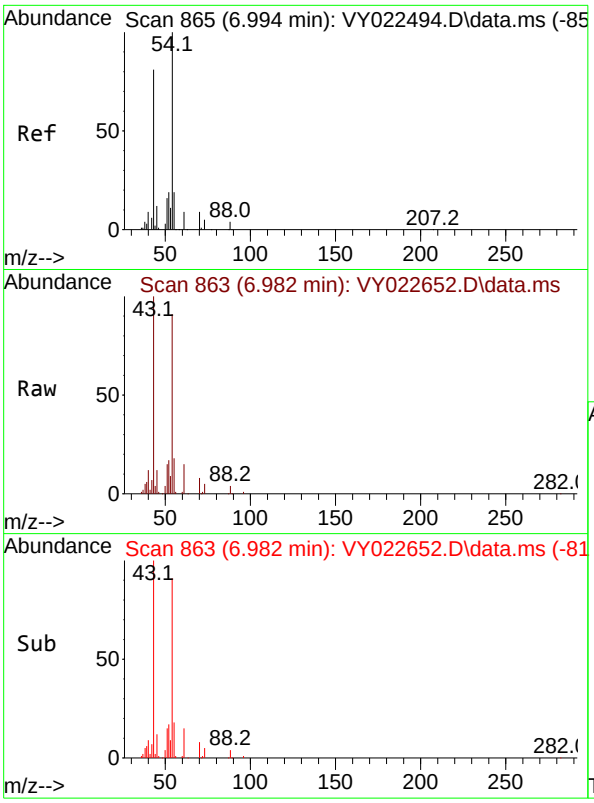


#36
1,1-Dichloropropene
Concen: 49.883 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 128210

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	31.6	24.8	37.2



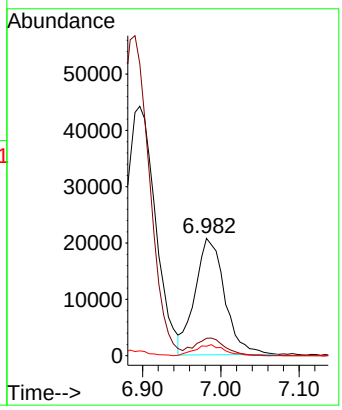


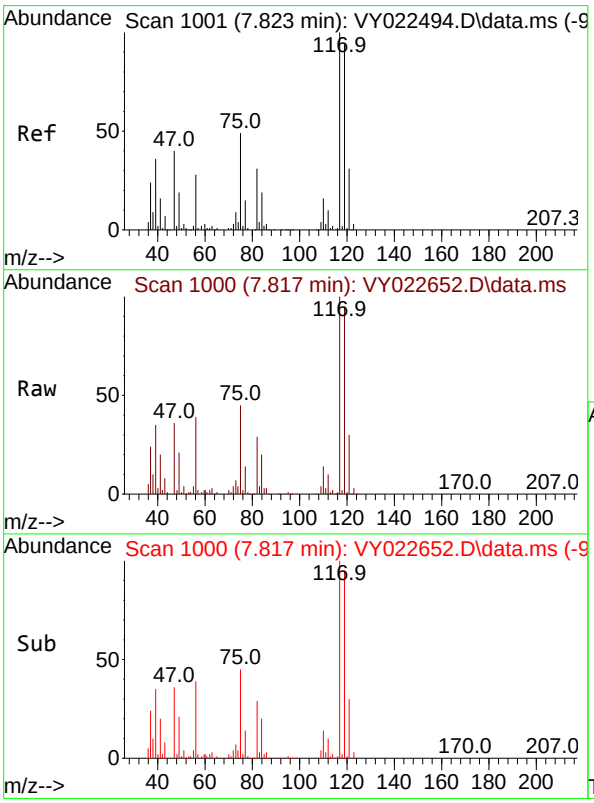
#37
Ethyl Acetate
Concen: 47.510 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.012 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 54455

Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.5	17.3
70	9.3	7.2	10.8

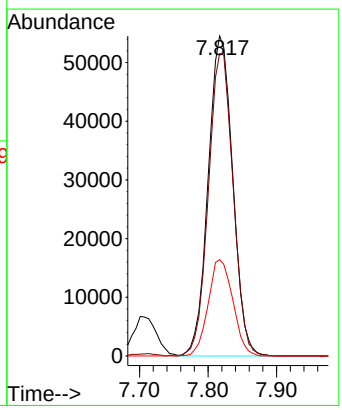


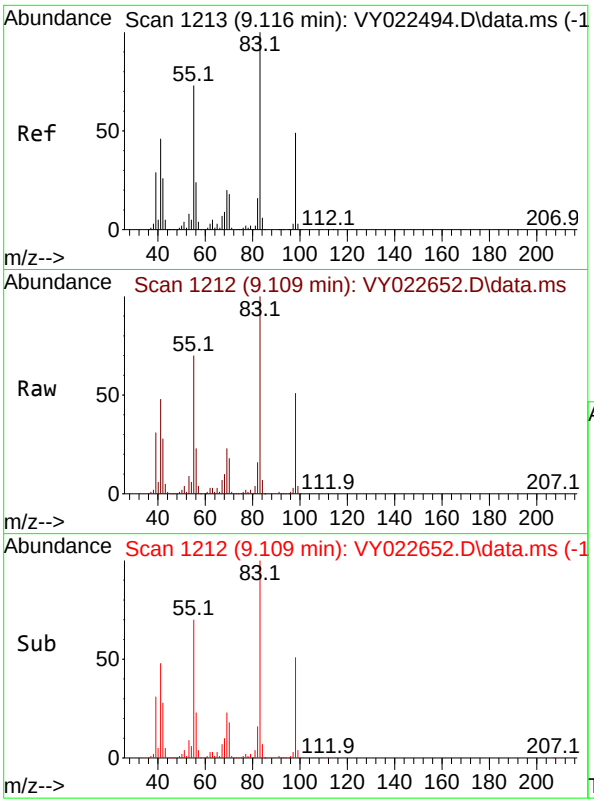


#38
Carbon Tetrachloride
Concen: 51.363 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:117 Resp: 135428

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.0	112.6
121	30.1	25.0	37.4



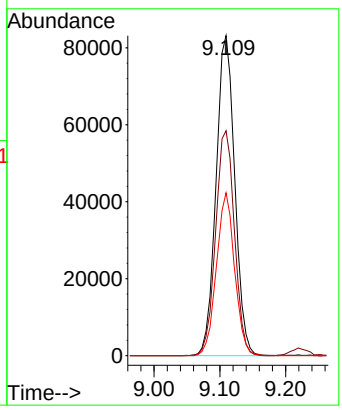


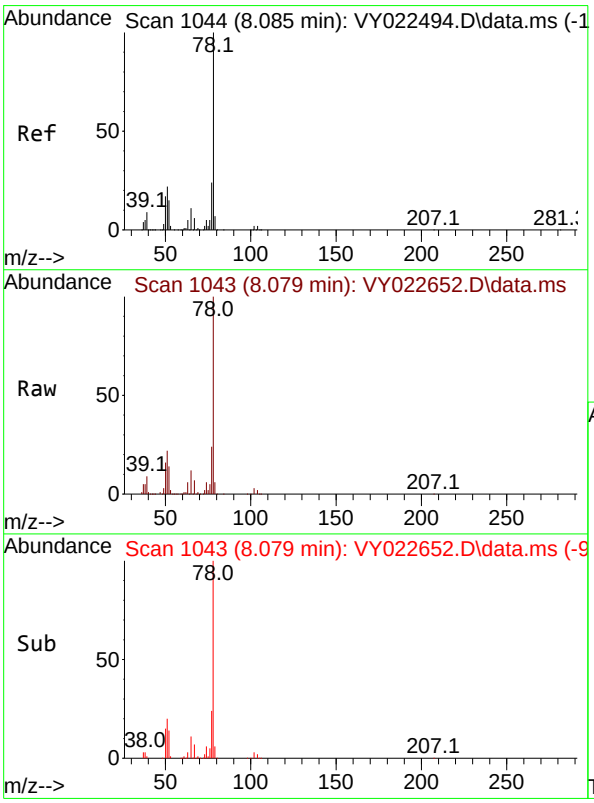
#39
Methylcyclohexane
Concen: 47.635 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 164532

Ion	Ratio	Lower	Upper
83	100		
55	70.3	58.1	87.1
98	50.9	39.0	58.6

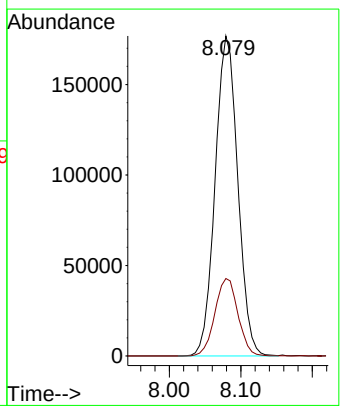


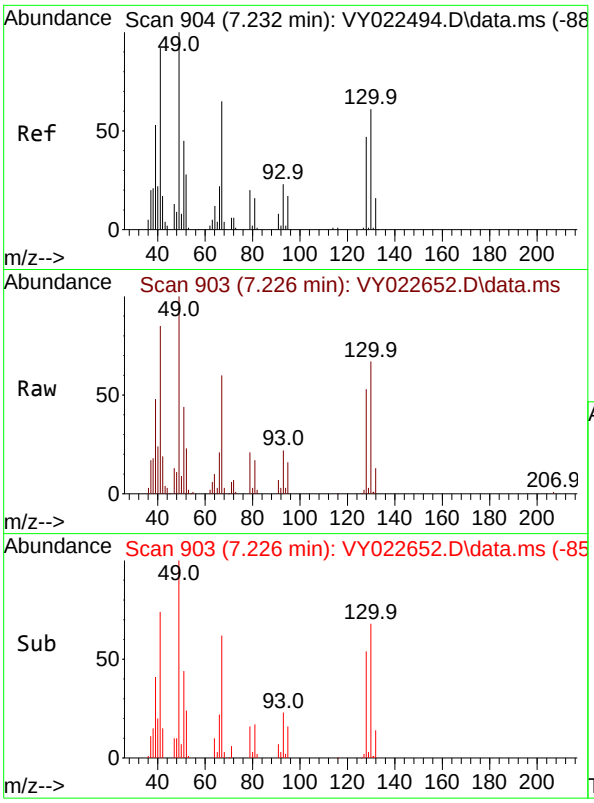


#40
Benzene
Concen: 51.219 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 78 Resp: 388821

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9



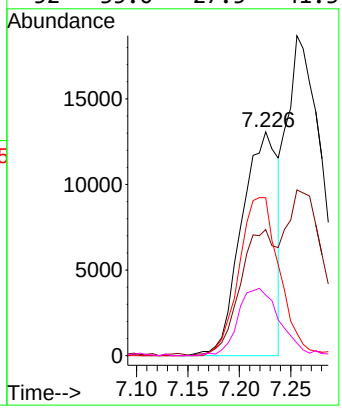


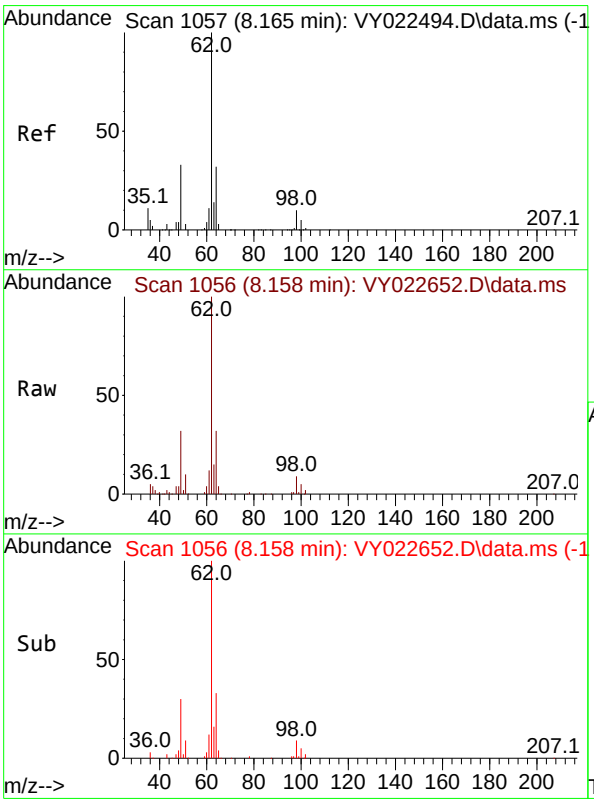
#41
Methacrylonitrile
Concen: 47.810 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 32009

Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.6	69.8
67	79.4	63.3	94.9
52	35.0	27.5	41.3

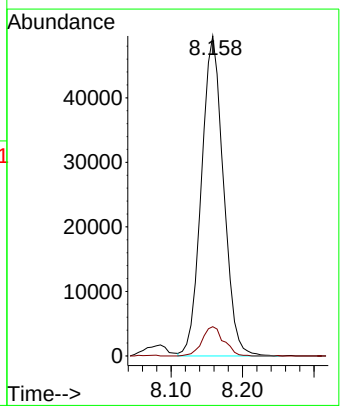


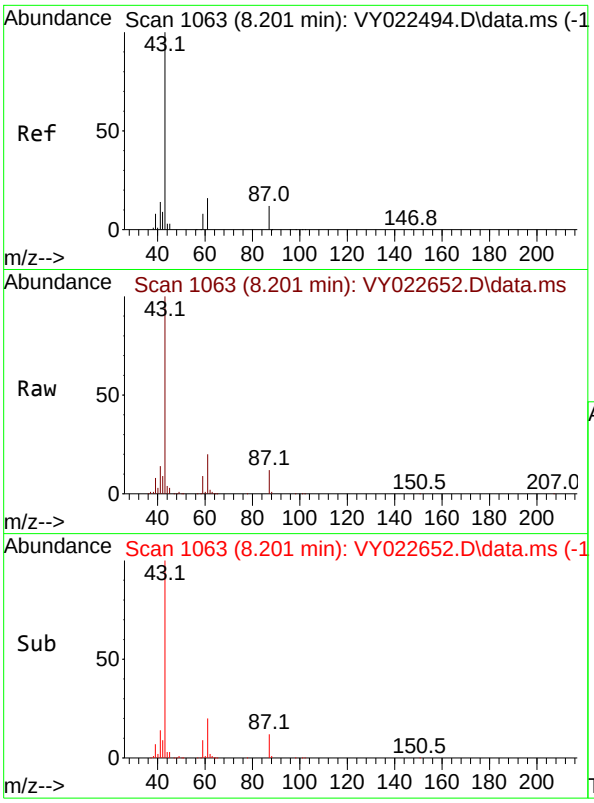


#42
1,2-Dichloroethane
Concen: 51.210 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 62 Resp: 106146

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2



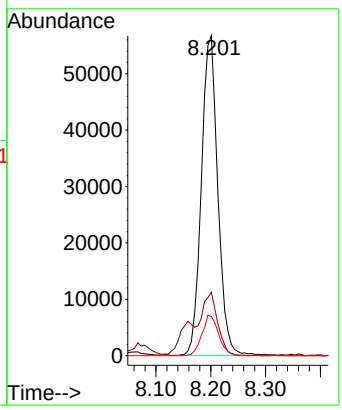


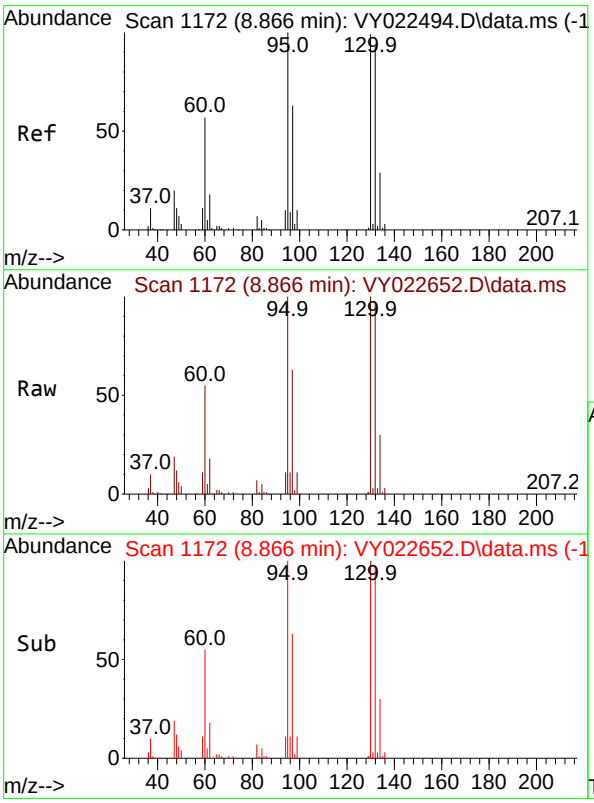
#43
Isopropyl Acetate
Concen: 47.665 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 117992

Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.6	23.4
87	12.8	10.2	15.4

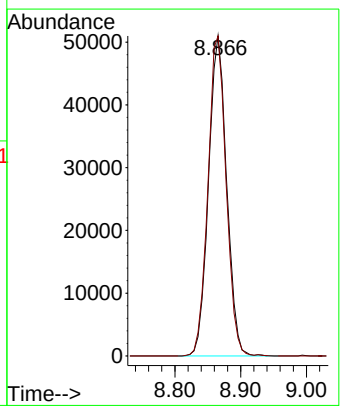


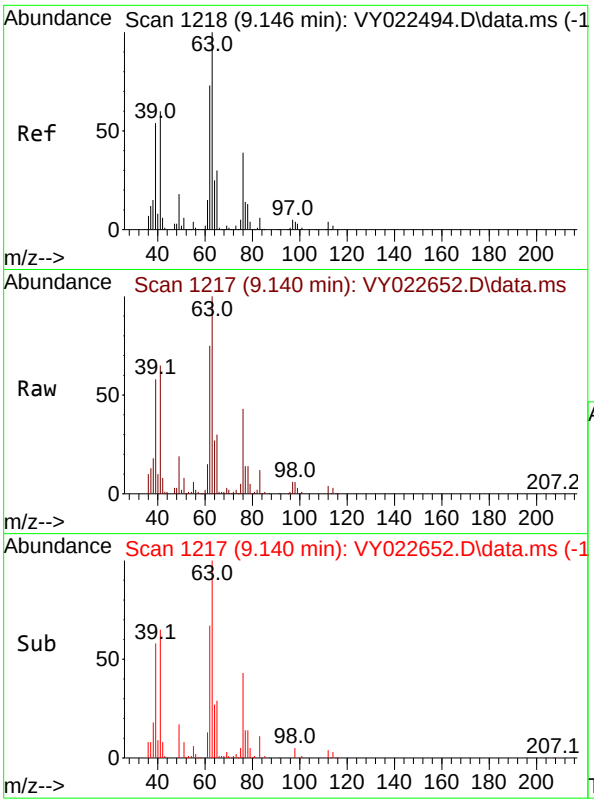


#44
Trichloroethene
Concen: 52.755 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:130 Resp: 97879

Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	203.0



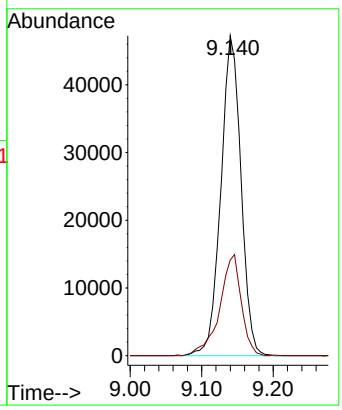


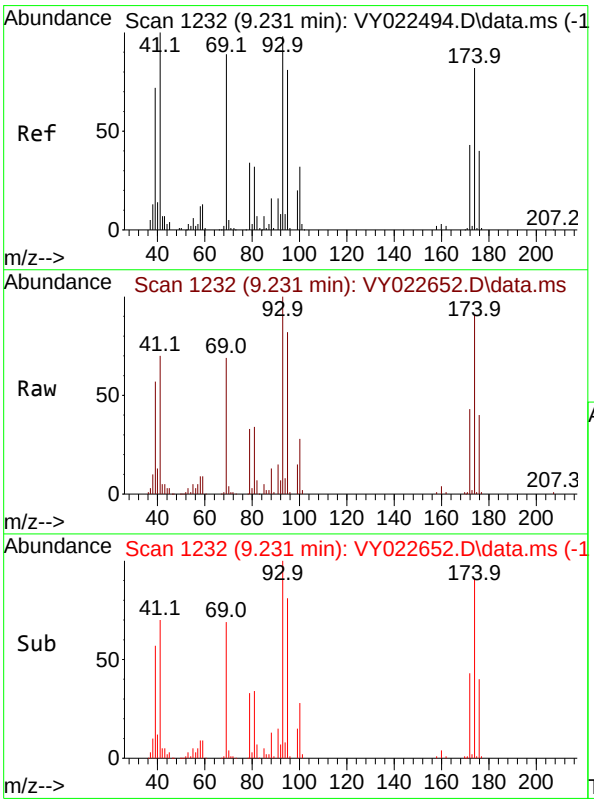
#45
1,2-Dichloropropane
Concen: 51.503 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 92401

Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.0	36.0

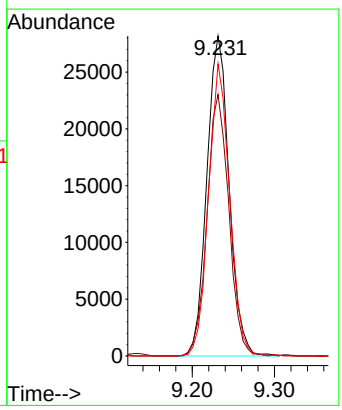


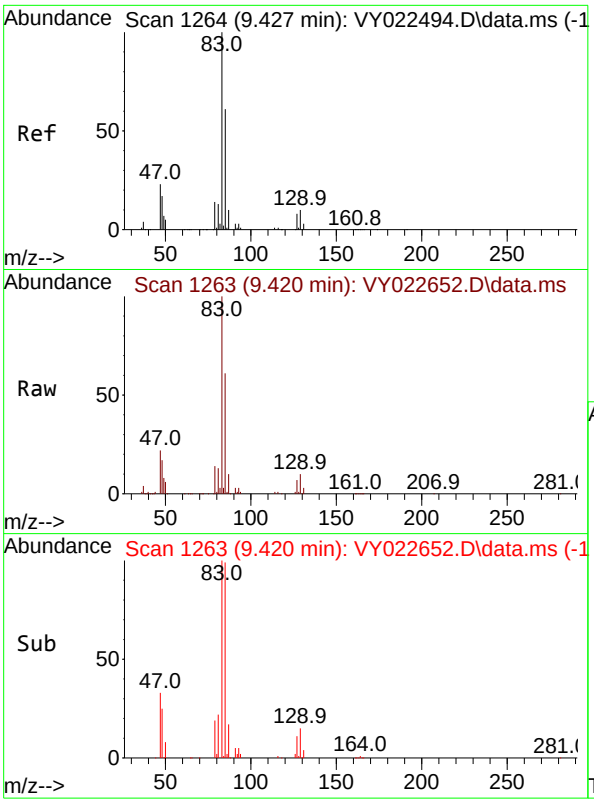


#46
Dibromomethane
Concen: 52.423 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 93 Resp: 52912

Ion	Ratio	Lower	Upper
93	100		
95	80.3	65.6	98.4
174	86.8	70.4	105.6



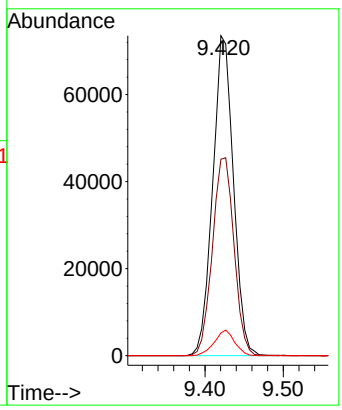


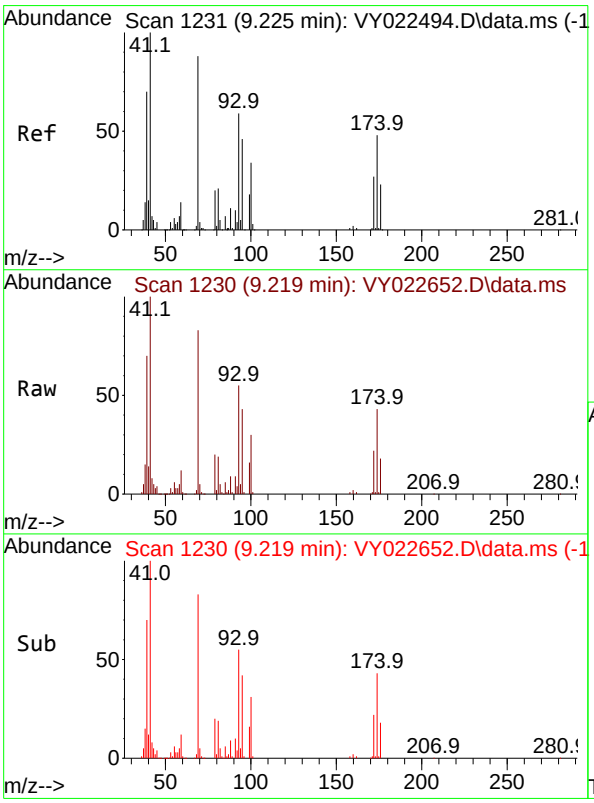
#47
Bromodichloromethane
Concen: 52.817 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 135175

Ion	Ratio	Lower	Upper
83	100		
85	61.4	49.1	73.7
127	7.1	6.2	9.4

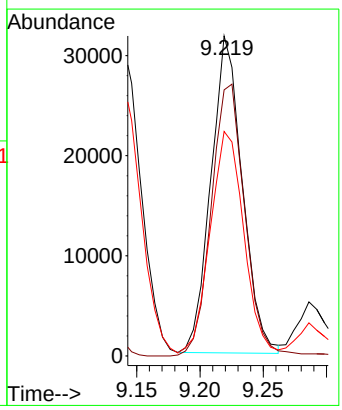


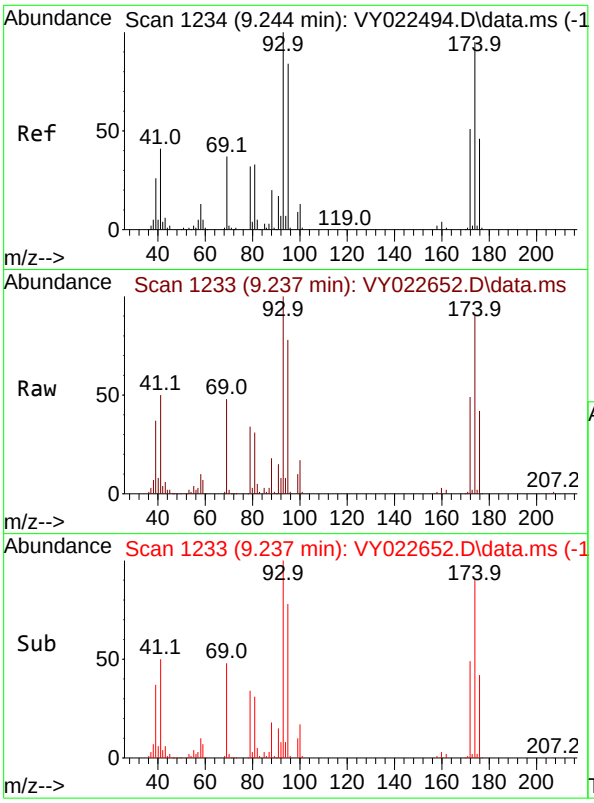


#48
Methyl methacrylate
Concen: 47.036 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 41 Resp: 54646

Ion	Ratio	Lower	Upper
41	100		
69	91.9	67.8	101.8
39	74.3	55.0	82.4



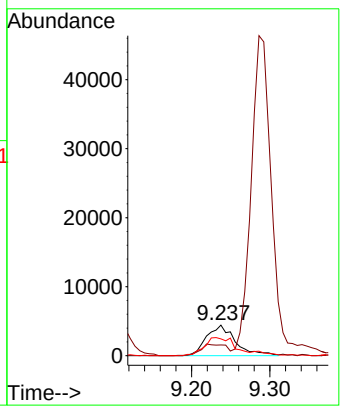


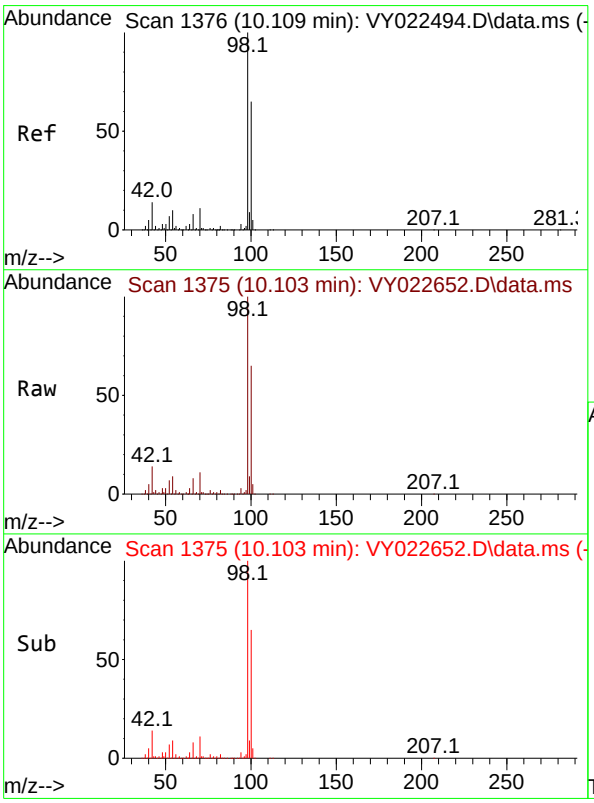
#49
1,4-Dioxane
Concen: 951.195 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 11374

Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.4	38.2
58	60.8	54.9	82.3

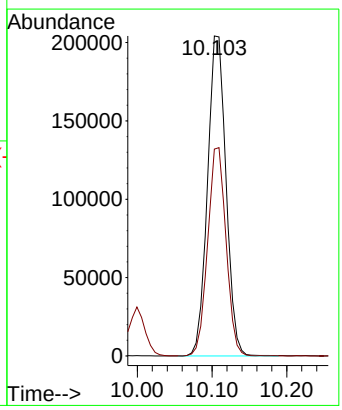


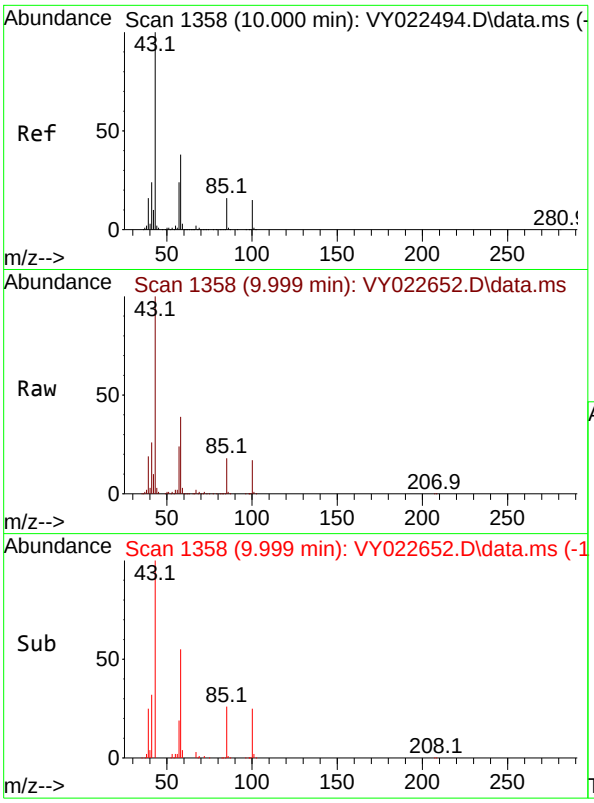


#50
Toluene-d8
Concen: 54.889 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 98 Resp: 351227

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.0



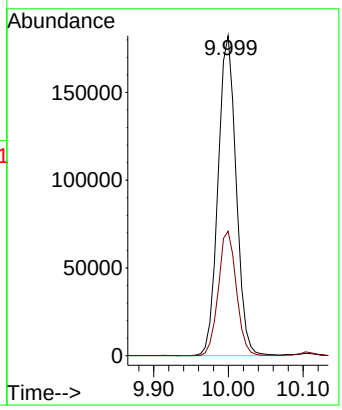


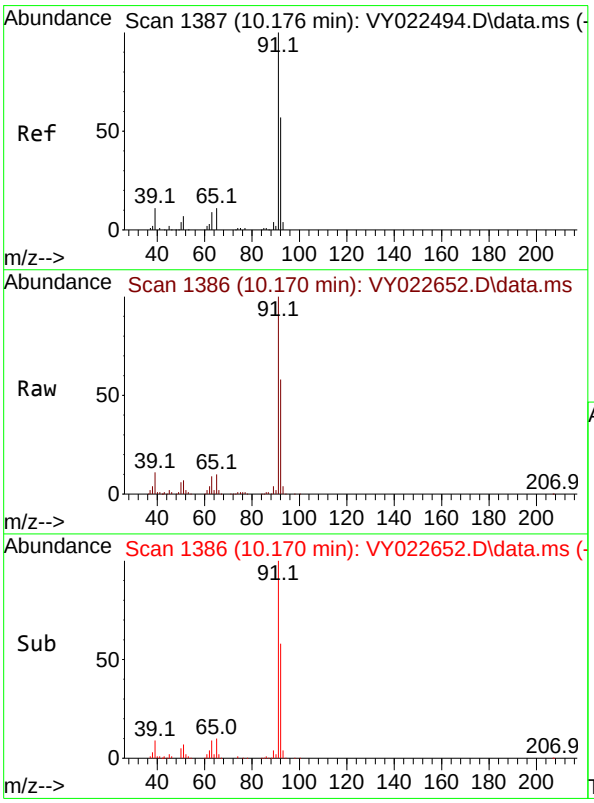
#51
4-Methyl-2-Pentanone
Concen: 248.232 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 306364

Ion	Ratio	Lower	Upper
43	100		
58	38.9	30.4	45.6

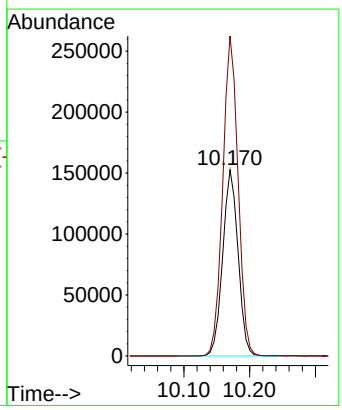


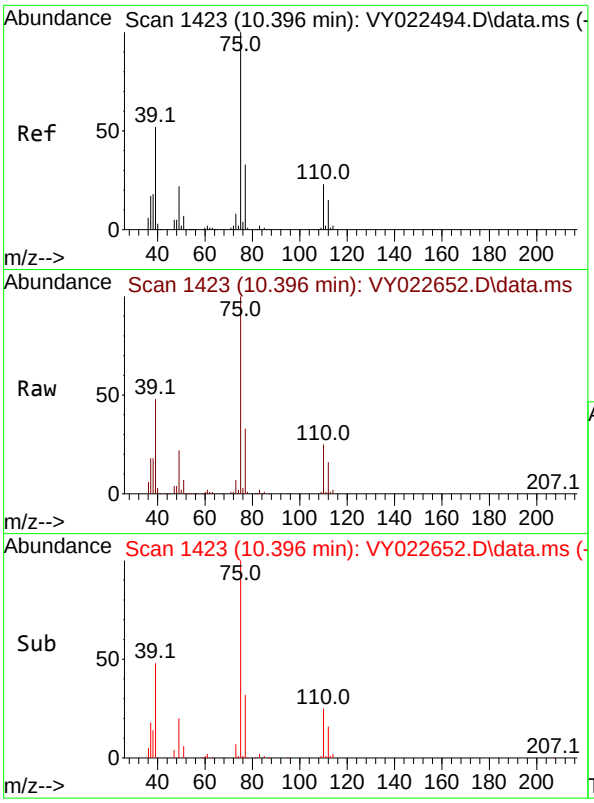


#52
Toluene
Concen: 51.844 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 92 Resp: 247331

Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.0	208.4



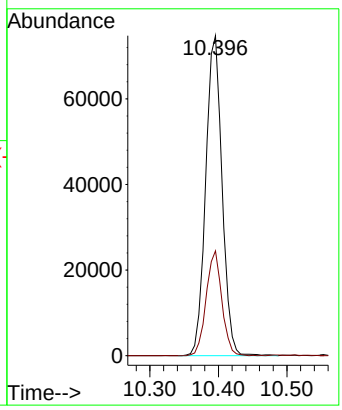


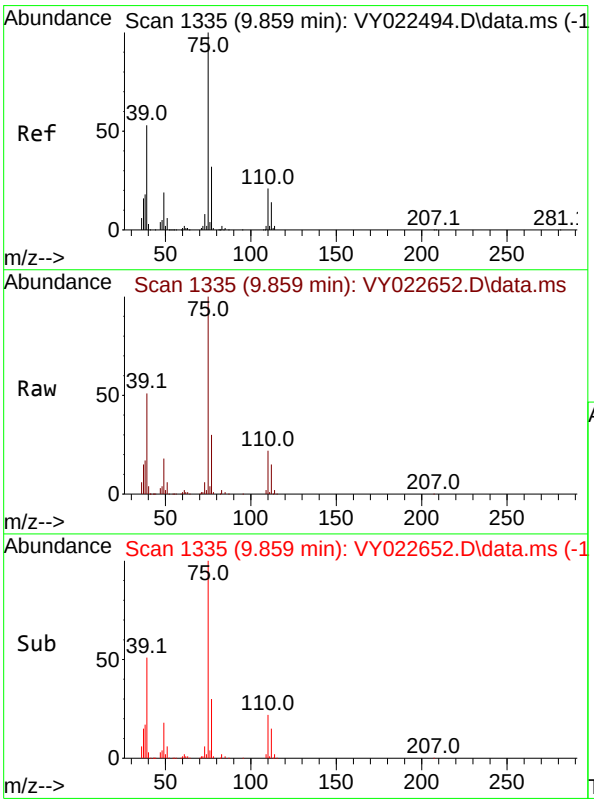
#53
t-1,3-Dichloropropene
Concen: 51.731 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 124050

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.5	39.7

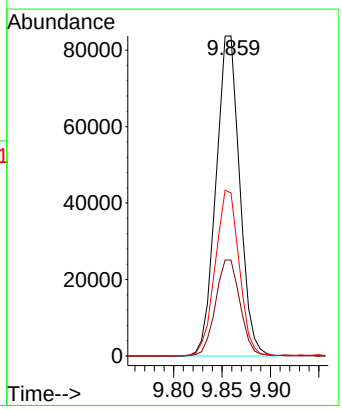


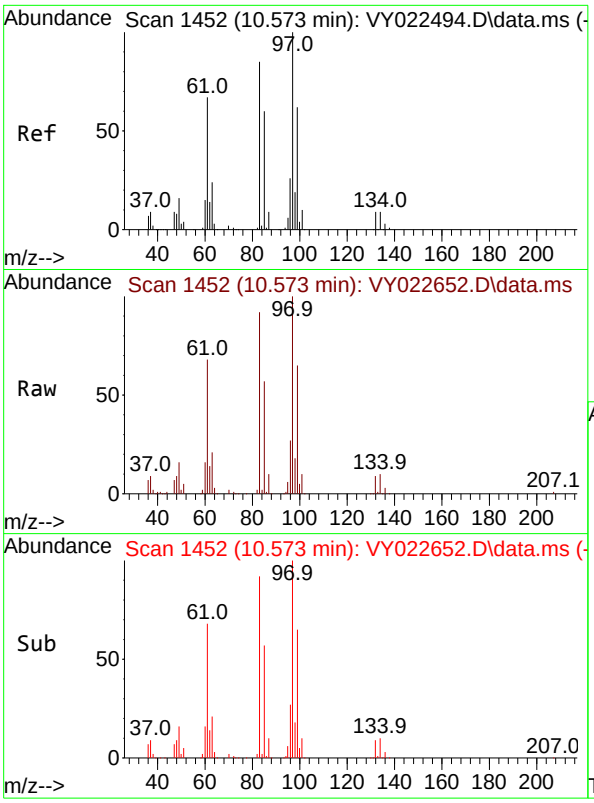


#54
cis-1,3-Dichloropropene
Concen: 51.121 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 142700

Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.3	37.9
39	50.8	42.7	64.1



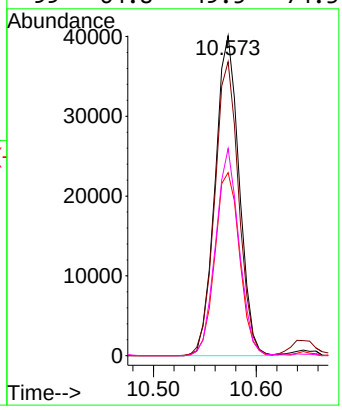


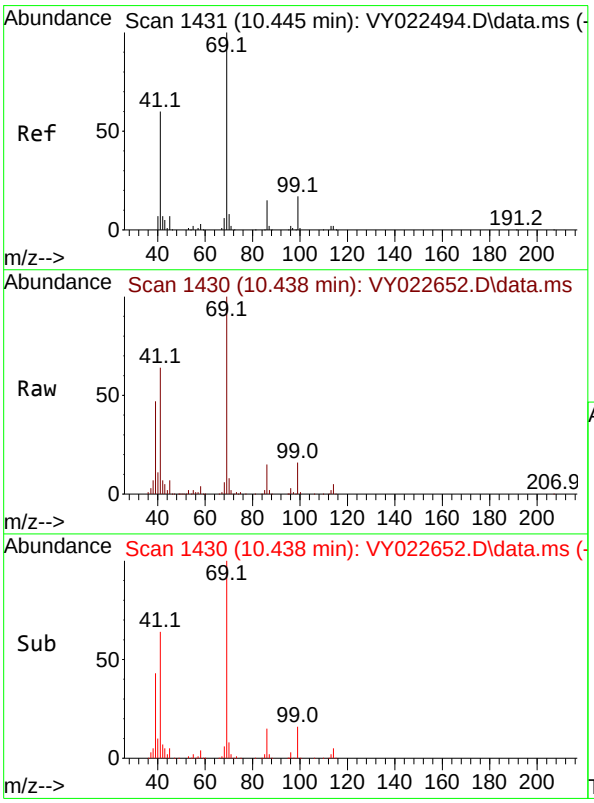
#55
1,1,2-Trichloroethane
Concen: 50.652 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 65190

Ion	Ratio	Lower	Upper
97	100		
83	91.8	68.1	102.1
85	57.2	48.2	72.2
99	64.8	49.5	74.3

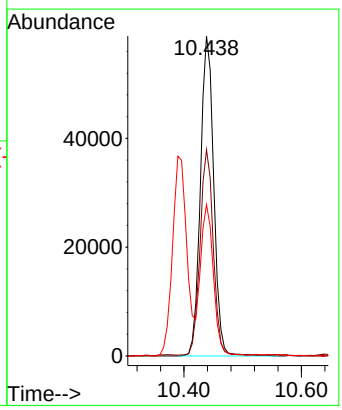


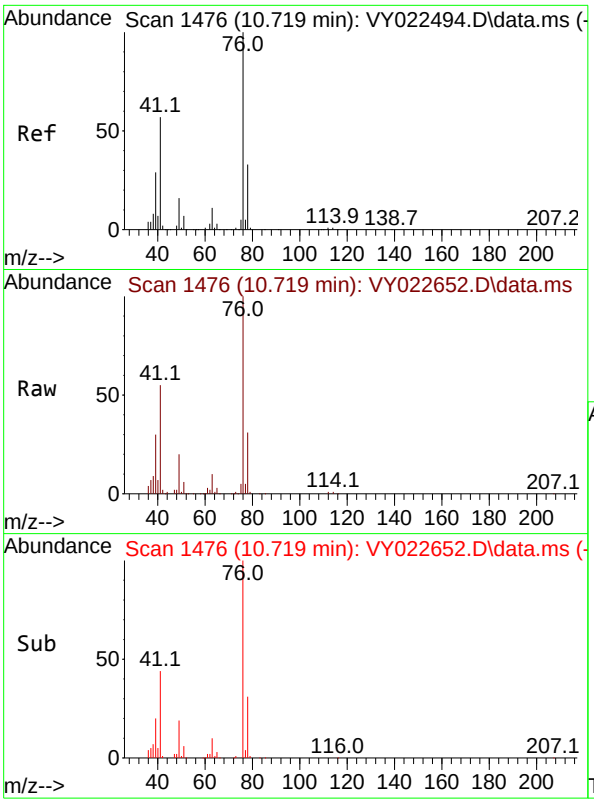


#56
Ethyl methacrylate
Concen: 49.753 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 69 Resp: 92549

Ion	Ratio	Lower	Upper
69	100		
41	63.3	52.2	78.2
39	44.8	36.7	55.1



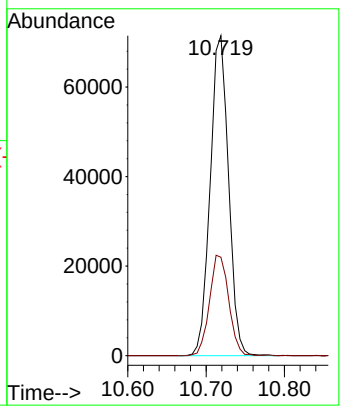


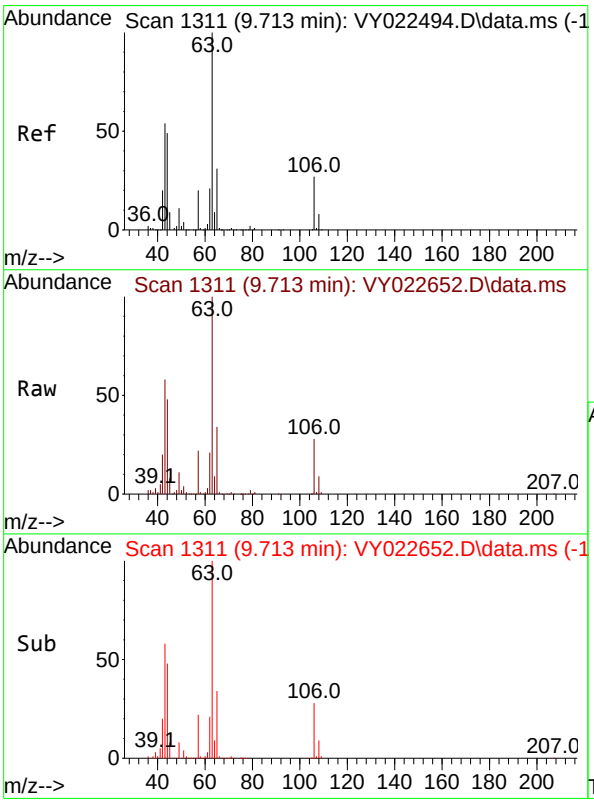
#57
1,3-Dichloropropane
Concen: 50.976 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 116284

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.8	38.8

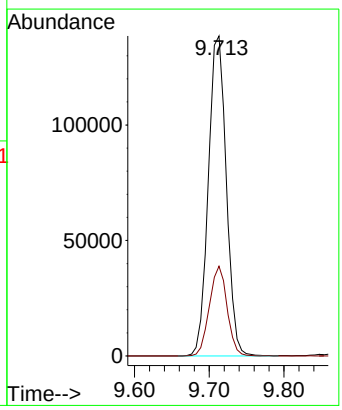


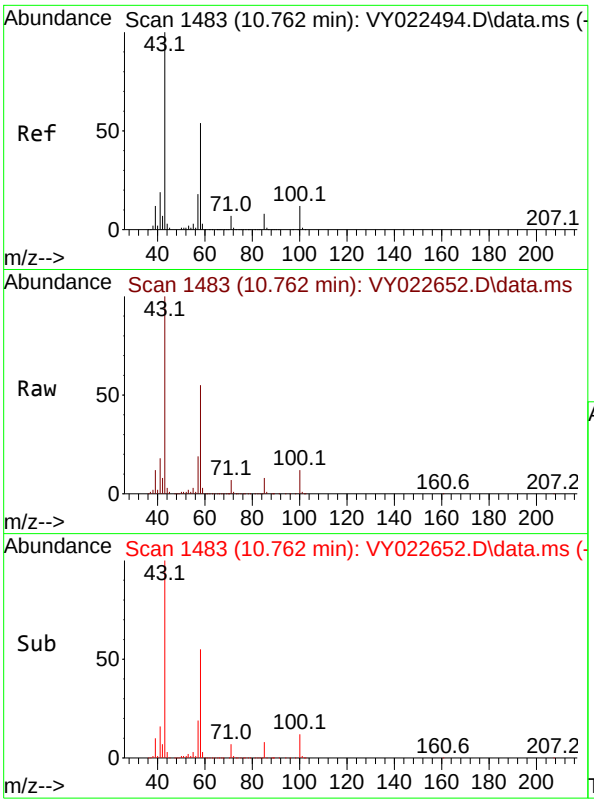


#58
2-Chloroethyl Vinyl ether
Concen: 274.143 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 63 Resp: 231530

Ion	Ratio	Lower	Upper
63	100		
106	27.6	21.6	32.4



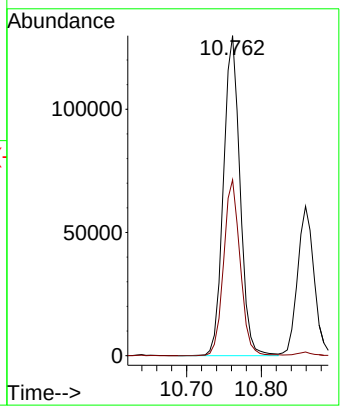


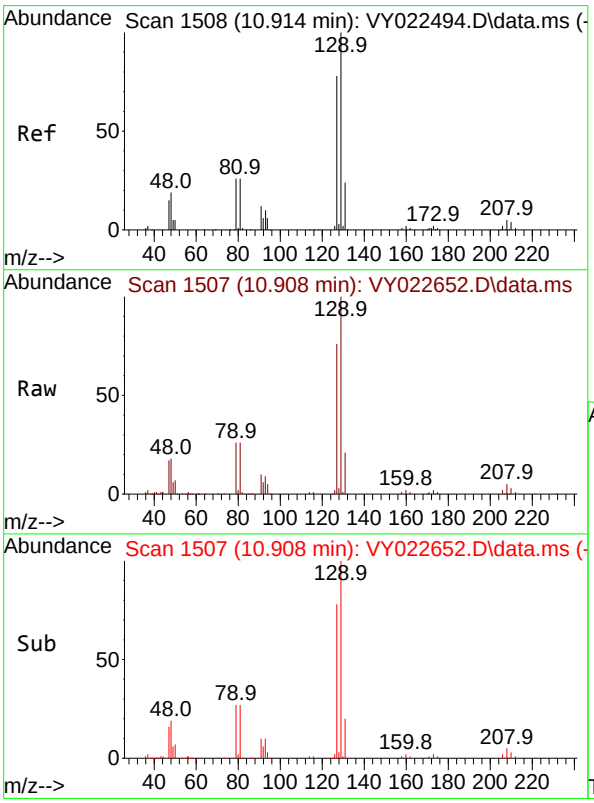
#59
2-Hexanone
Concen: 242.841 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 200444

Ion	Ratio	Lower	Upper
43	100		
58	54.8	27.3	81.8

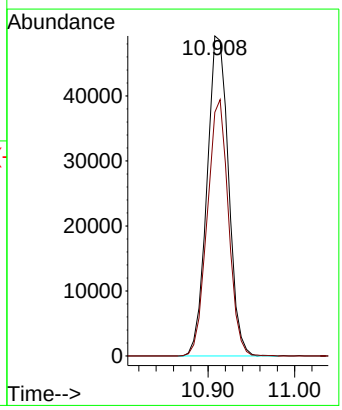


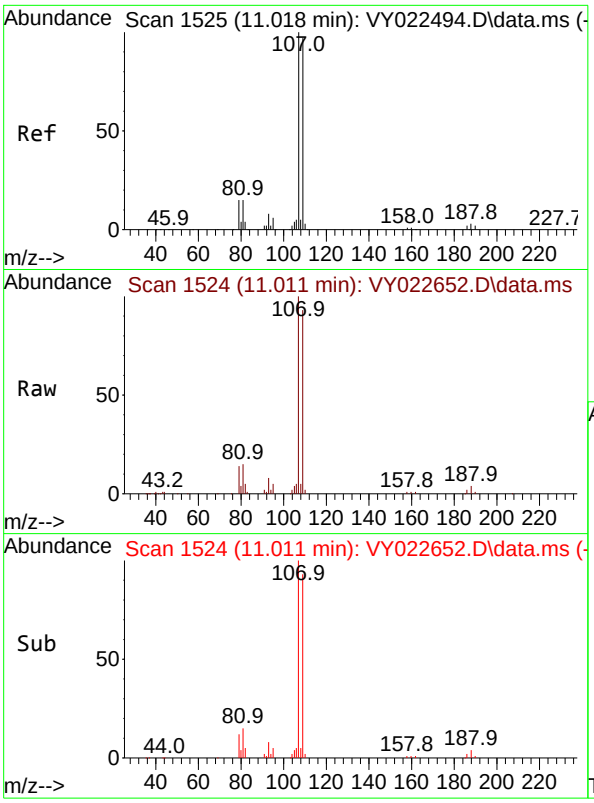


#60
Dibromochloromethane
Concen: 51.909 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:129 Resp: 84902

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.1	117.2



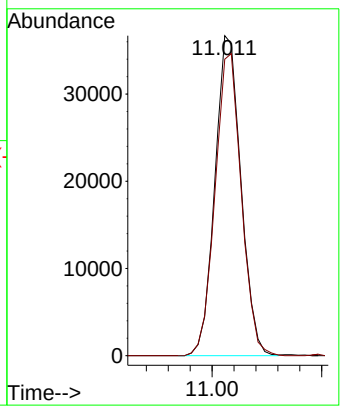


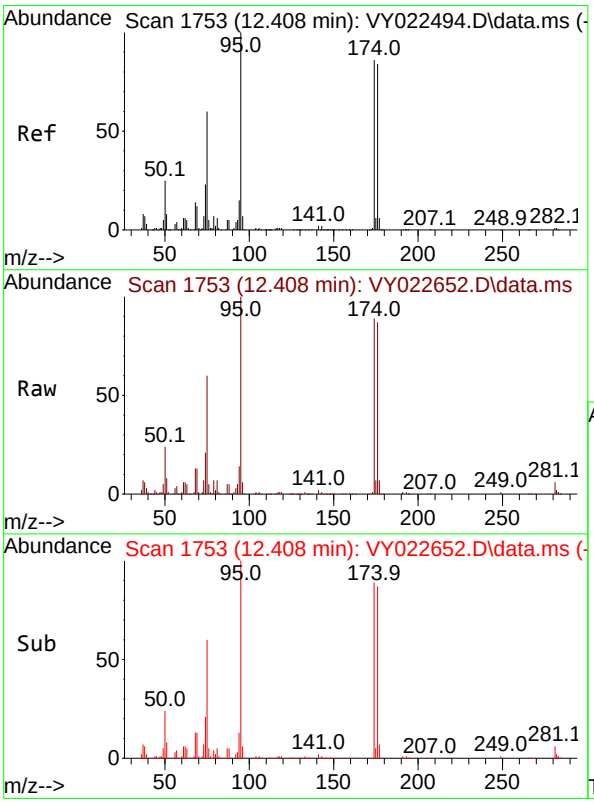
#61
1,2-Dibromoethane
Concen: 51.536 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 60454

Ion	Ratio	Lower	Upper
107	100		
109	95.3	77.7	116.5

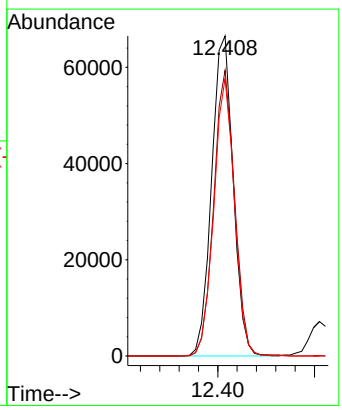


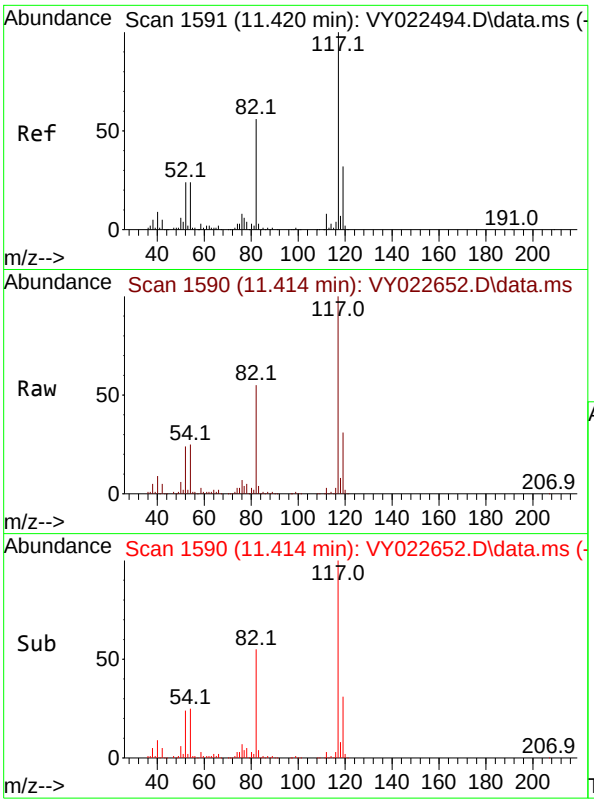


#62
4-Bromofluorobenzene
Concen: 53.948 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 95 Resp: 102854

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	170.0
176	83.0	0.0	166.2



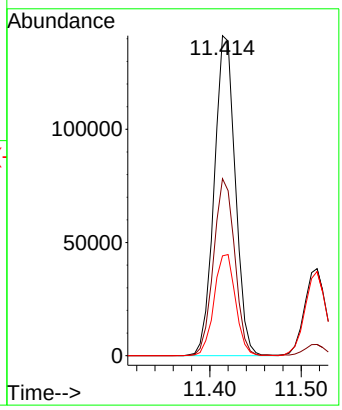


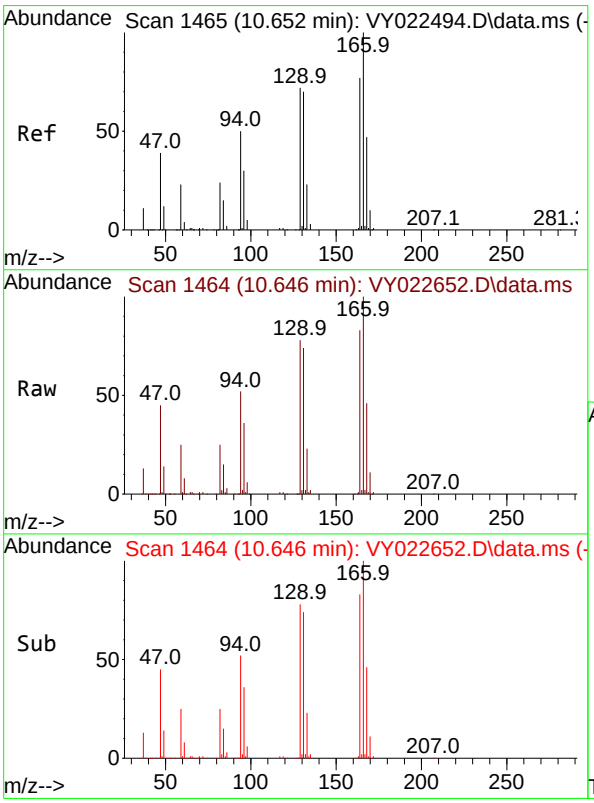
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 226799

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.6	66.8
119	31.2	25.4	38.0

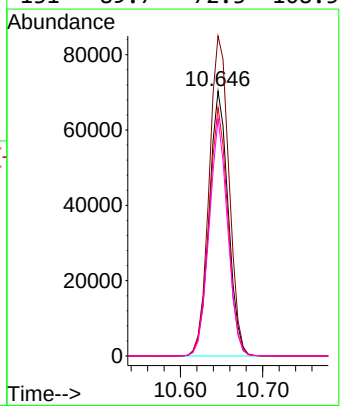


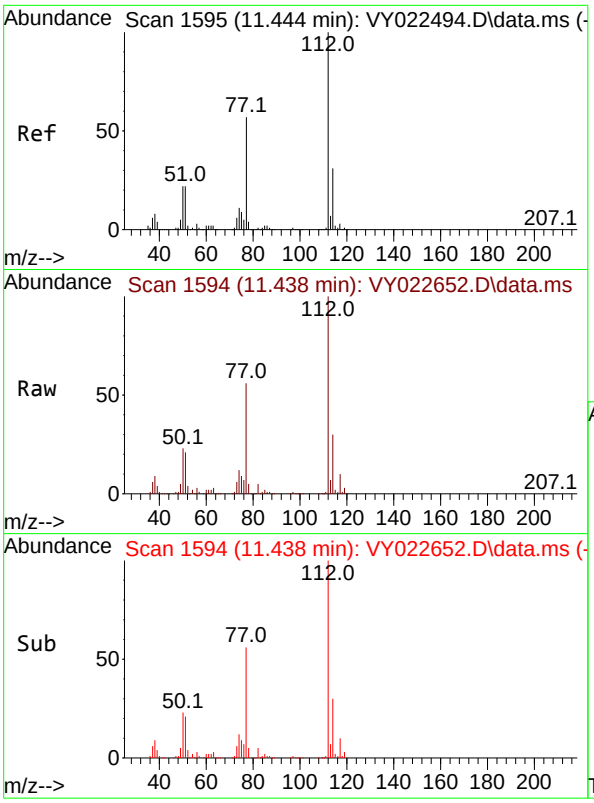


#64
Tetrachloroethene
Concen: 57.985 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:164 Resp: 113126

Ion	Ratio	Lower	Upper
164	100		
166	120.9	104.0	156.0
129	93.9	74.5	111.7
131	89.7	72.3	108.5



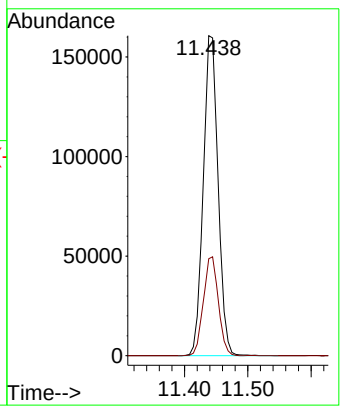


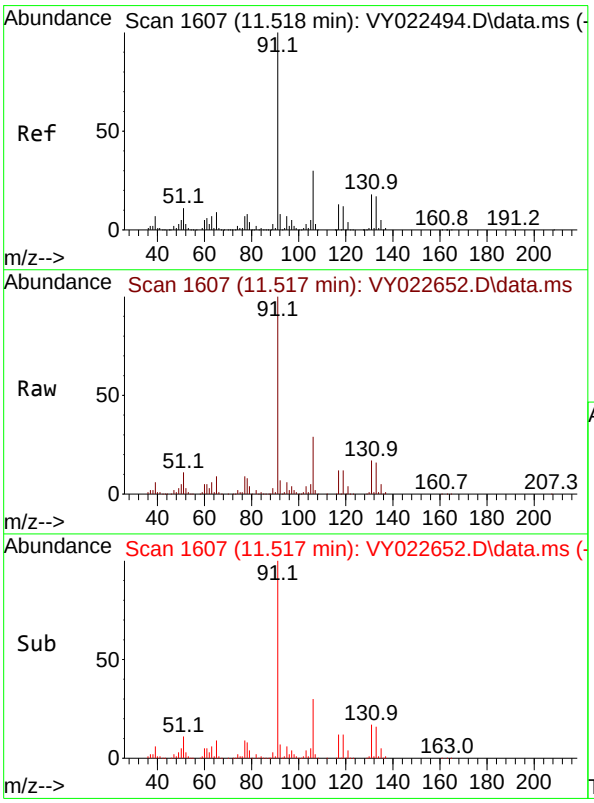
#65
Chlorobenzene
Concen: 52.170 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 261829

Ion	Ratio	Lower	Upper
112	100		
114	30.3	25.0	37.6

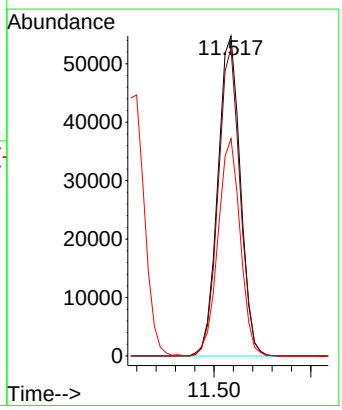


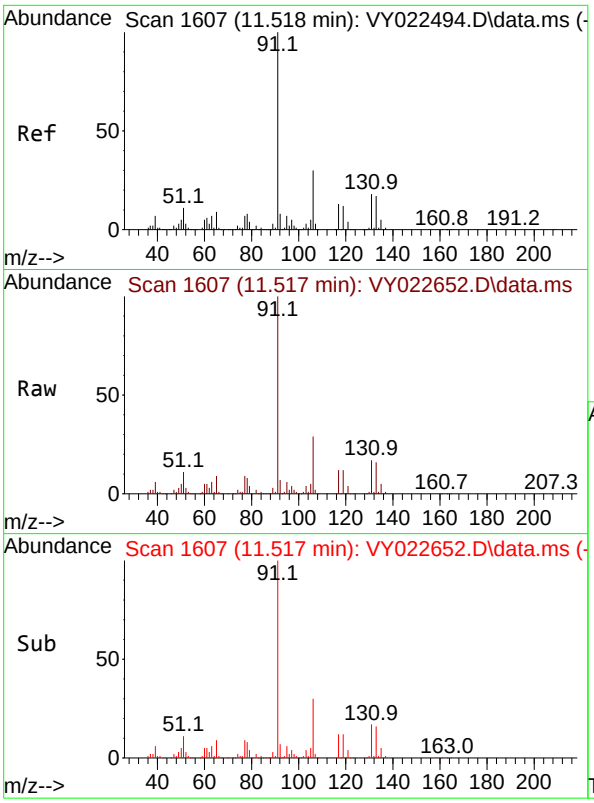


#66
1,1,1,2-Tetrachloroethane
Concen: 52.156 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:131 Resp: 88180

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	141.8
119	67.2	33.1	99.3



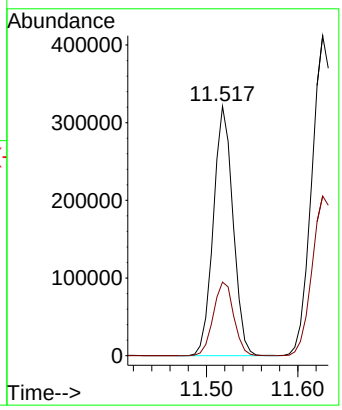


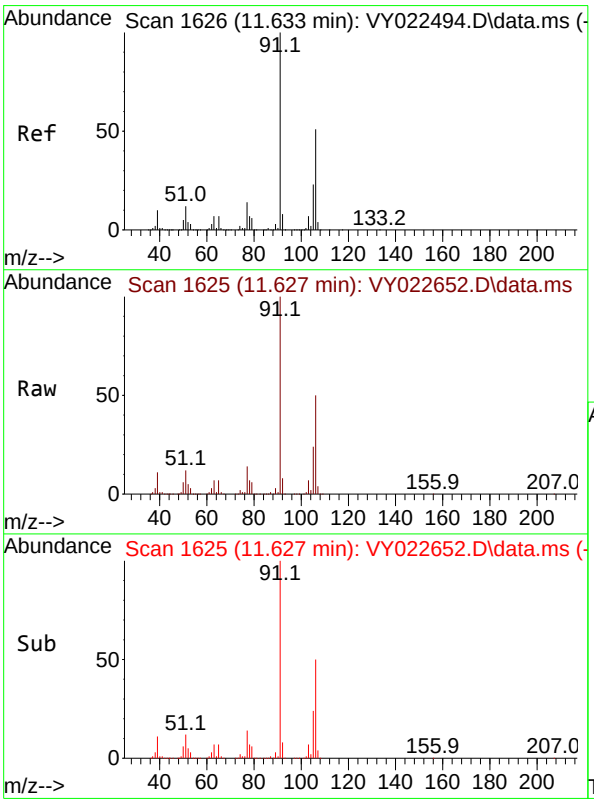
#67
Ethyl Benzene
Concen: 51.549 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 479857

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.2	36.4

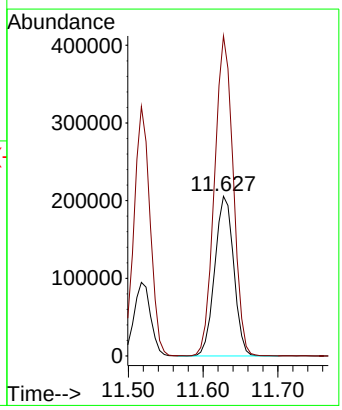


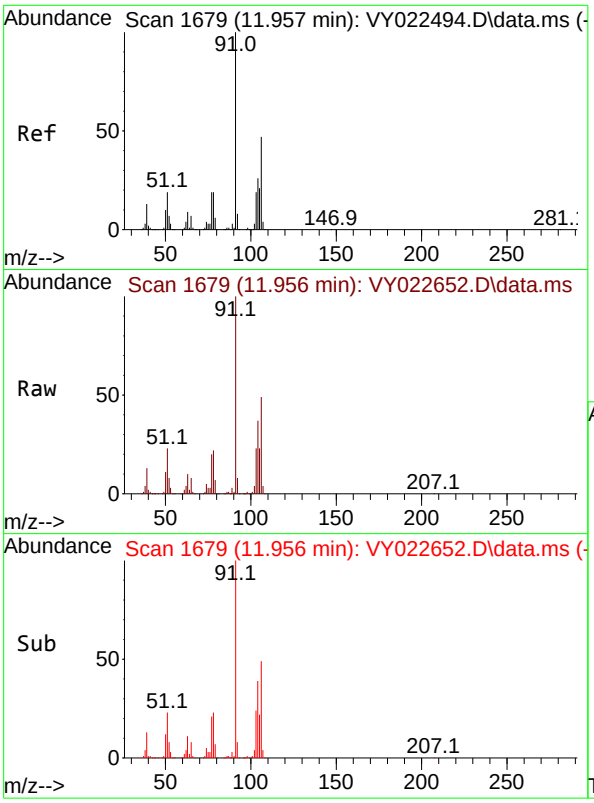


#68
m/p-Xylenes
Concen: 102.714 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:106 Resp: 362462

Ion	Ratio	Lower	Upper
106	100		
91	198.2	159.4	239.0



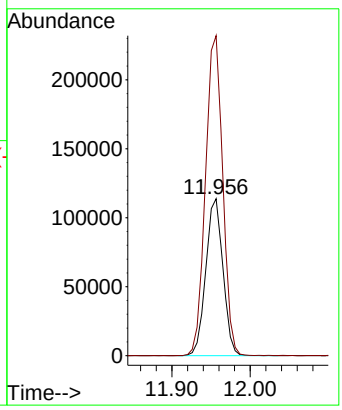


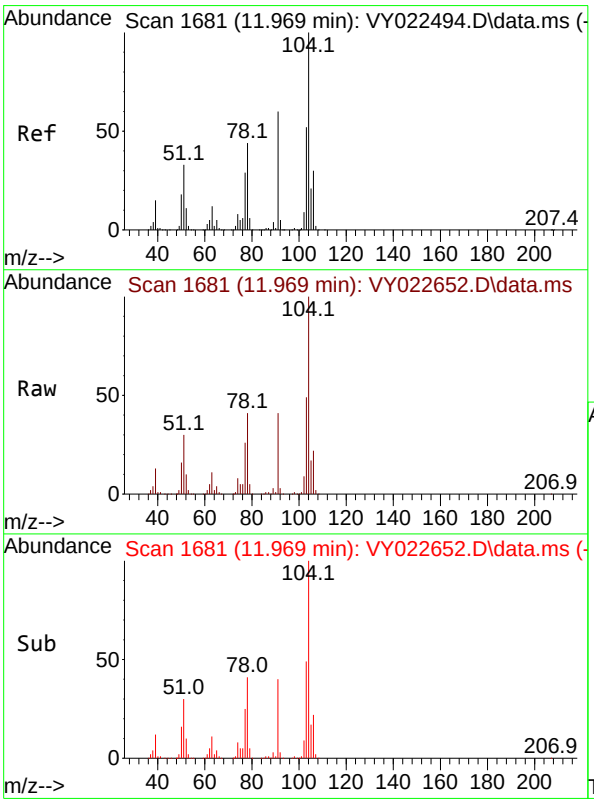
#69
o-Xylene
Concen: 52.136 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 172493

Ion	Ratio	Lower	Upper
106	100		
91	205.8	105.8	317.3

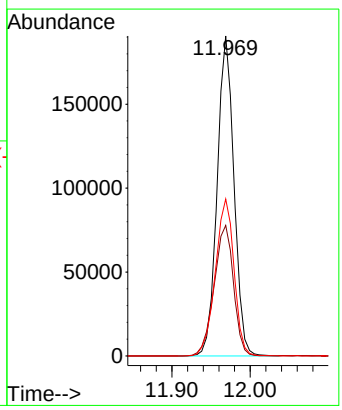


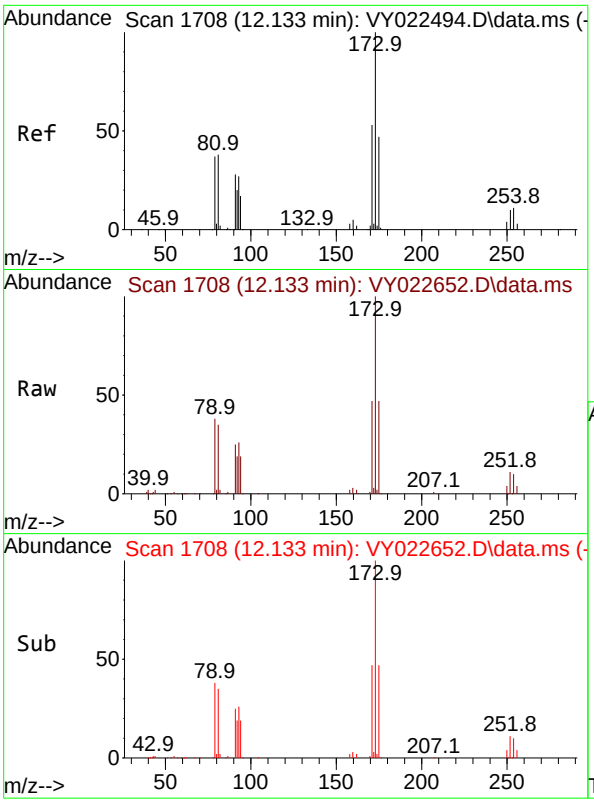


#70
Styrene
Concen: 52.154 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:104 Resp: 285228

Ion	Ratio	Lower	Upper
104	100		
78	47.0	39.5	59.3
103	54.6	44.1	66.1



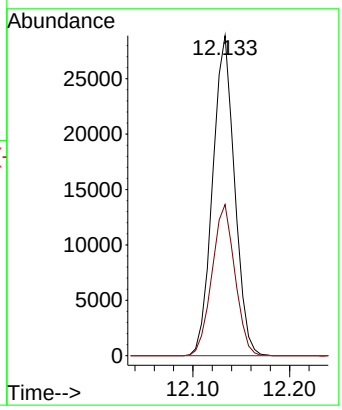


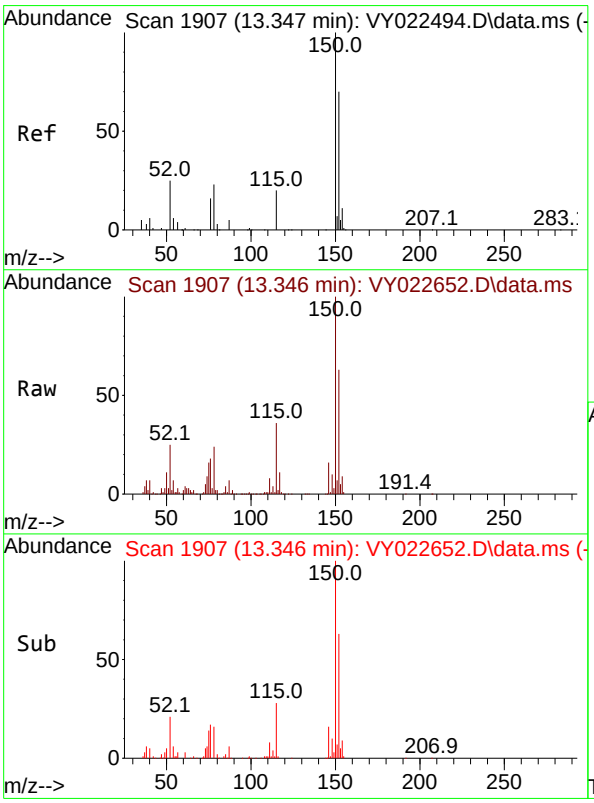
#71
Bromoform
Concen: 50.392 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 45337

Ion	Ratio	Lower	Upper
173	100		
175	49.4	23.8	71.5
254	0.0	0.0	0.0

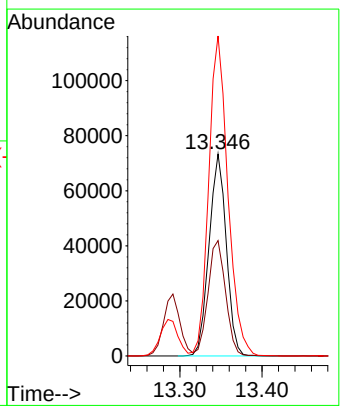


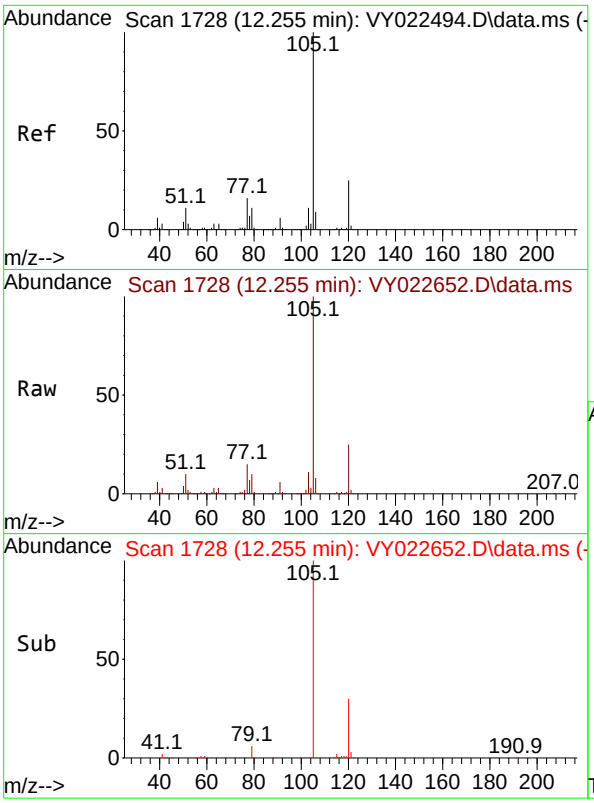


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:152 Resp: 106876

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.9	86.7
150	176.1	0.0	349.6



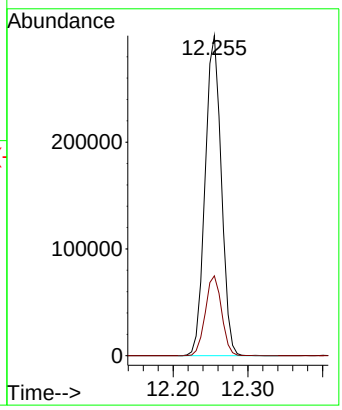


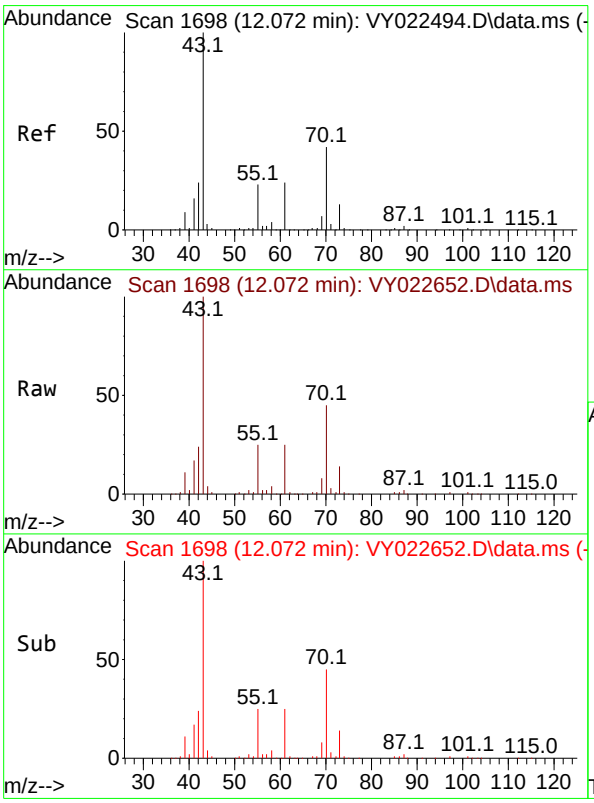
#73
Isopropylbenzene
Concen: 51.212 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 449360

Ion	Ratio	Lower	Upper
105	100		
120	25.2	13.0	38.9

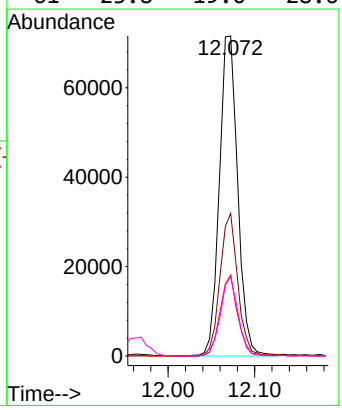


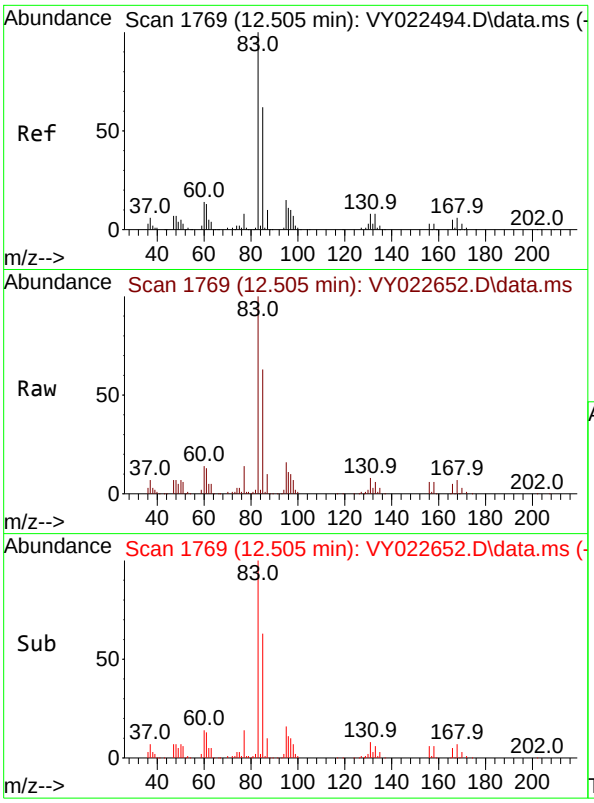


#74
N-amyl acetate
Concen: 47.644 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 105483

Ion	Ratio	Lower	Upper
43	100		
70	42.9	34.2	51.2
55	24.5	18.2	27.4
61	23.8	19.0	28.6



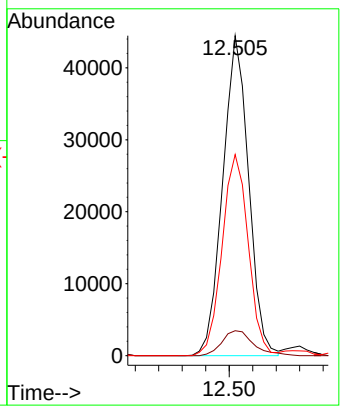


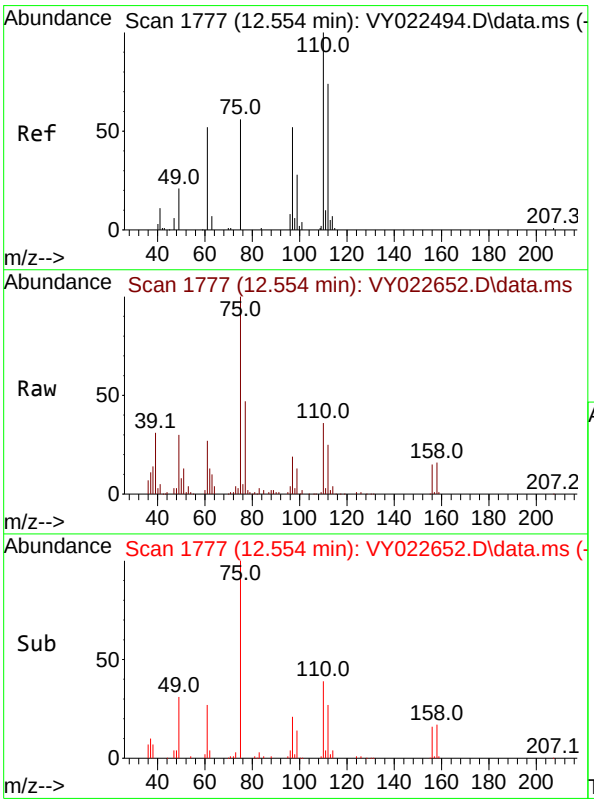
#75
1,1,2,2-Tetrachloroethane
Concen: 47.263 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 68065

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	63.6	32.6	97.8

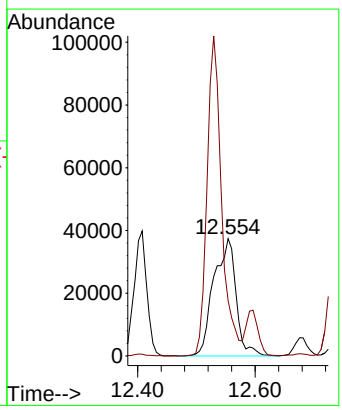


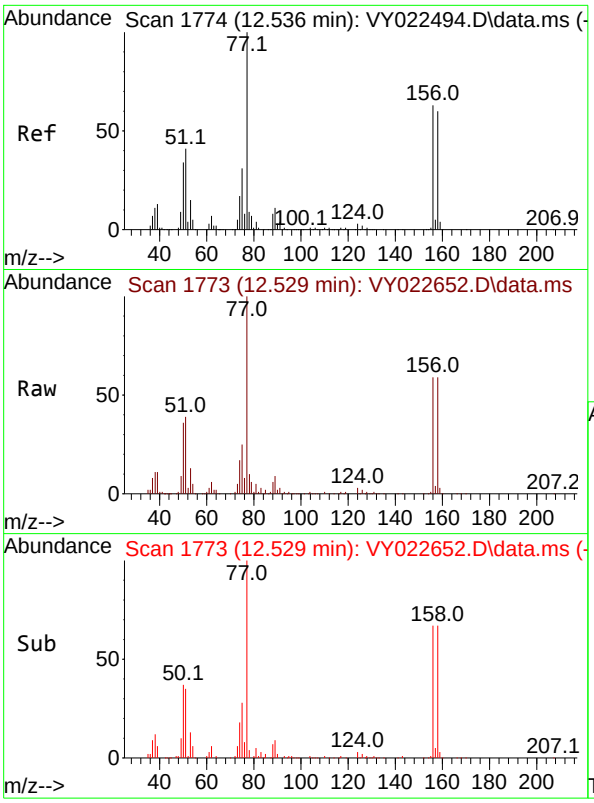


#76
1,2,3-Trichloropropane
Concen: 80.860 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 98867

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



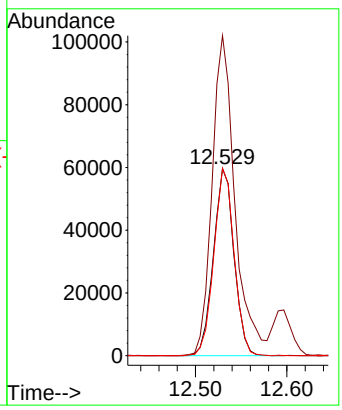


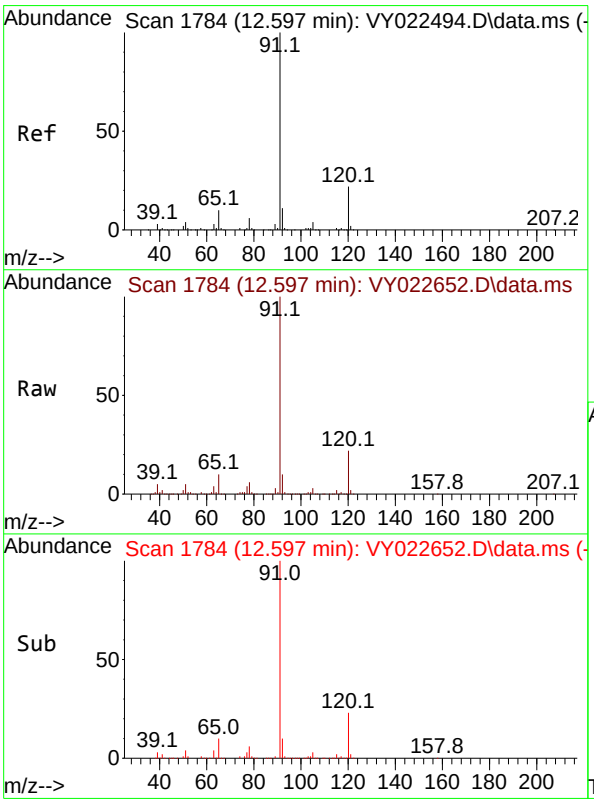
#77
Bromobenzene
Concen: 50.220 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 92990

Ion	Ratio	Lower	Upper
156	100		
77	190.3	94.0	282.1
158	98.9	48.2	144.6

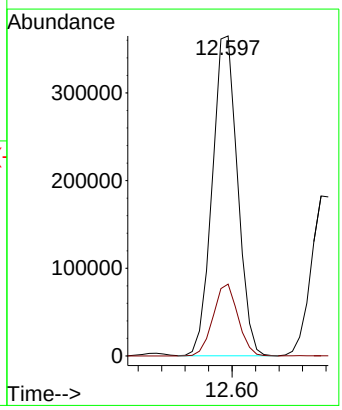


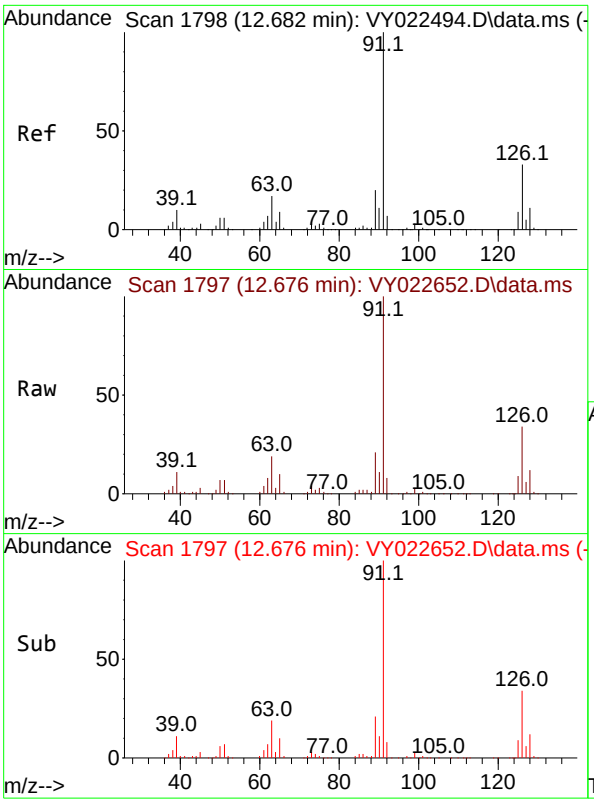


#78
n-propylbenzene
Concen: 50.847 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 91 Resp: 544933

Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.8	32.4



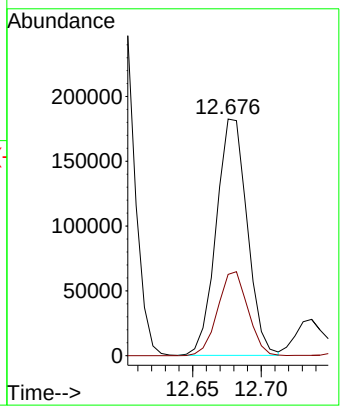


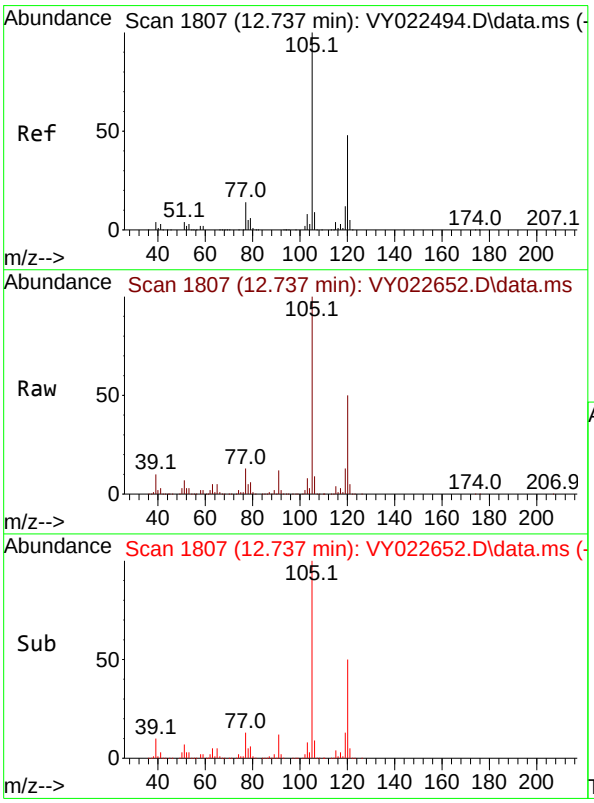
#79
2-Chlorotoluene
Concen: 50.518 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 286949

Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.0	51.0

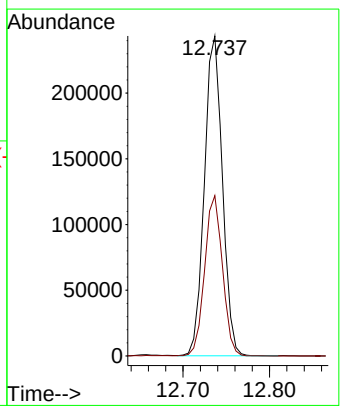


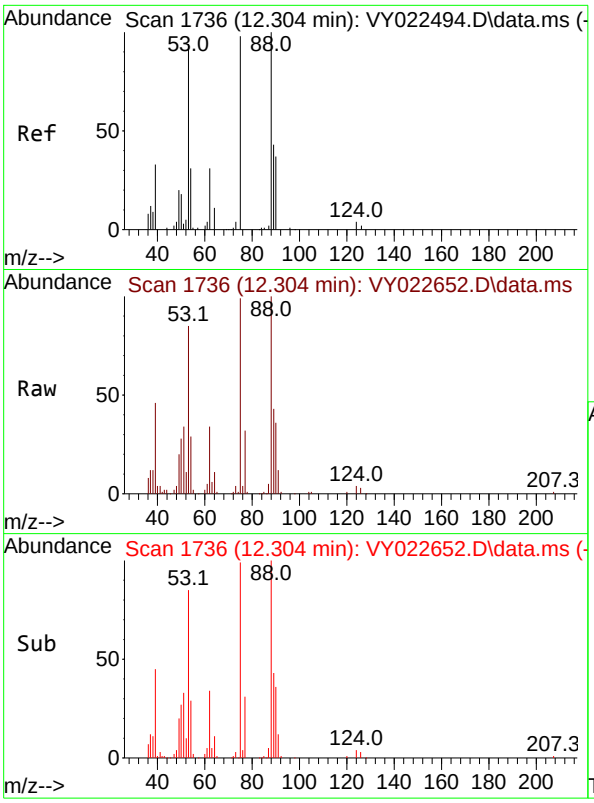


#80
1,3,5-Trimethylbenzene
Concen: 51.032 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:105 Resp: 351549

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.1	72.4



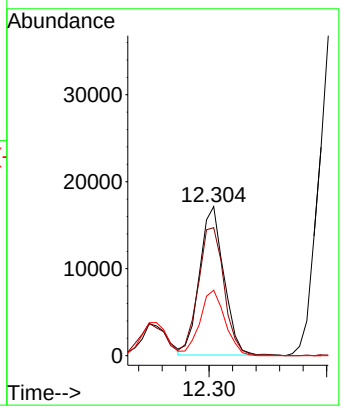


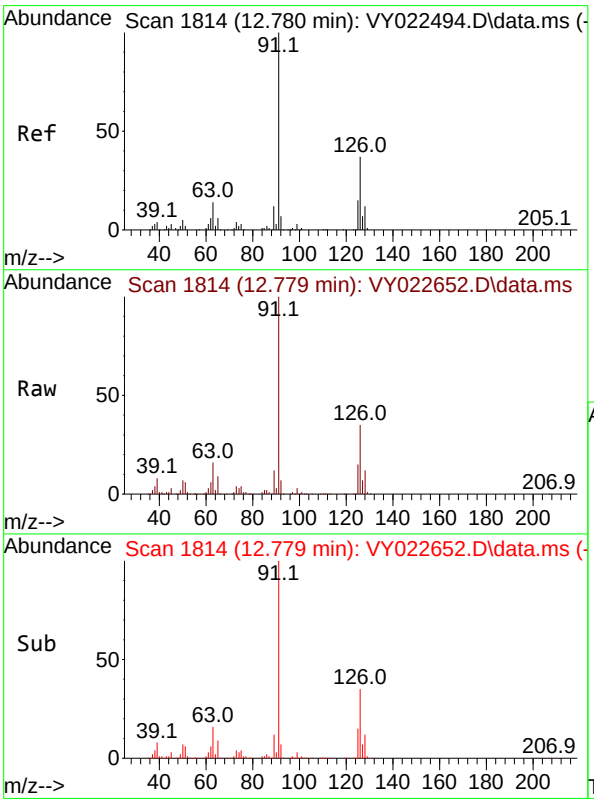
#81
trans-1,4-Dichloro-2-butene
Concen: 48.473 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 24542

Ion	Ratio	Lower	Upper
75	100		
53	92.7	78.5	117.7
89	45.9	35.7	53.5

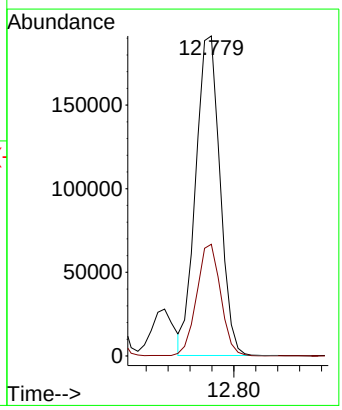


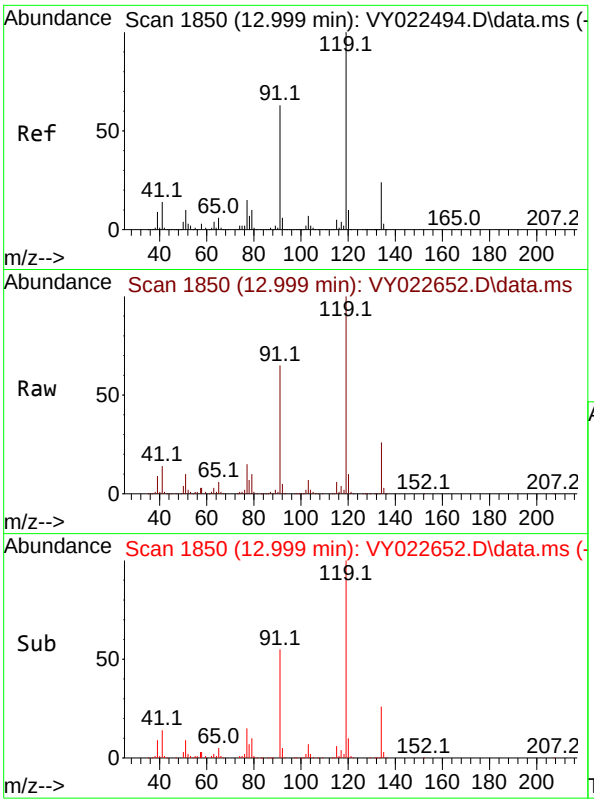


#82
4-Chlorotoluene
Concen: 50.043 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 91 Resp: 293231

Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.0	50.9



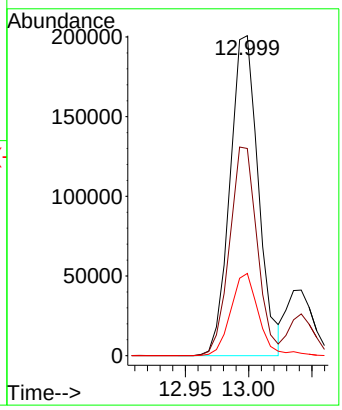


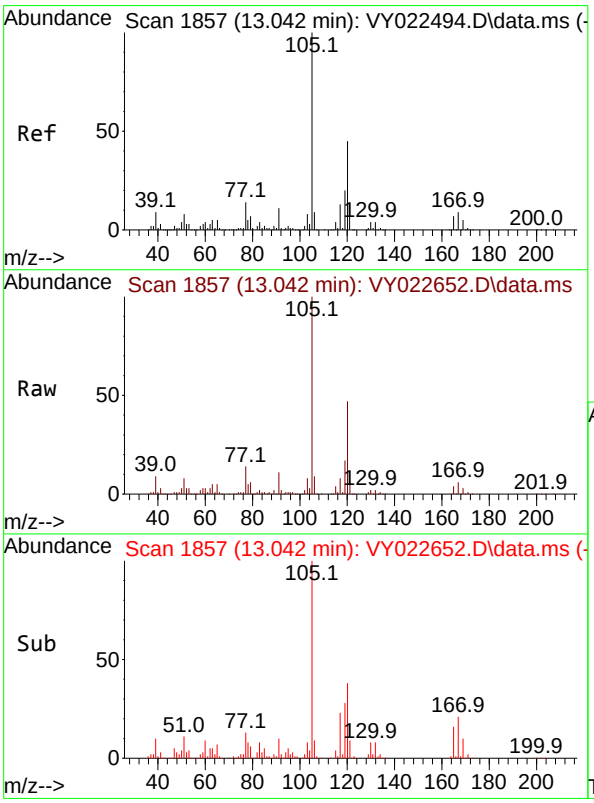
#83
tert-Butylbenzene
Concen: 50.858 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 314442

Ion	Ratio	Lower	Upper
119	100		
91	63.3	32.1	96.3
134	25.3	13.0	38.9

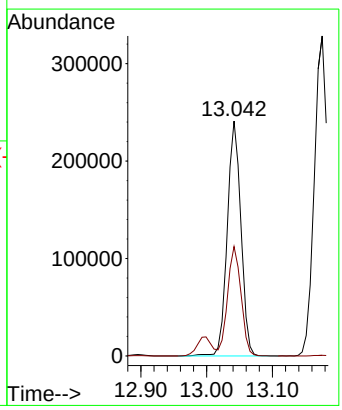


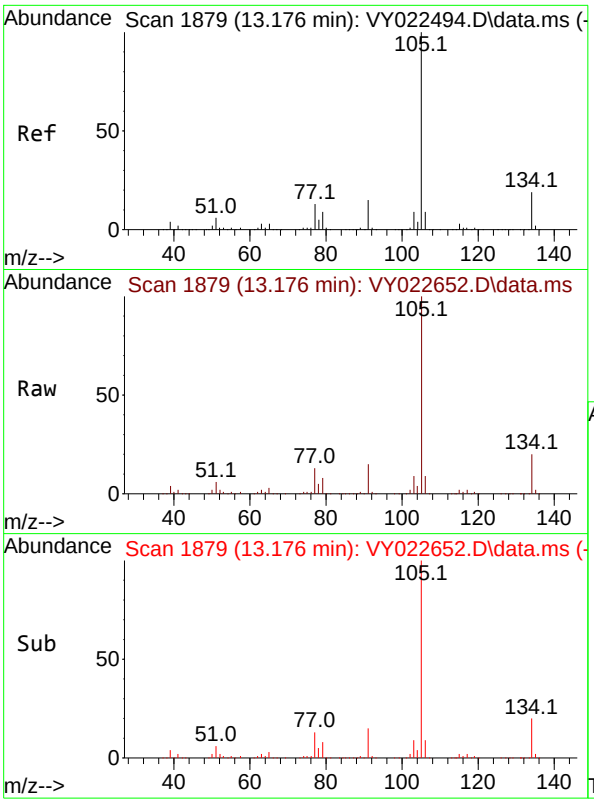


#84
1,2,4-Trimethylbenzene
Concen: 50.520 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:105 Resp: 348078

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.7	68.1



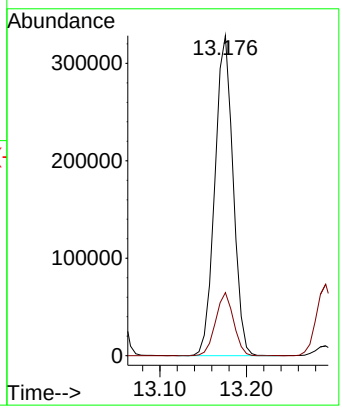


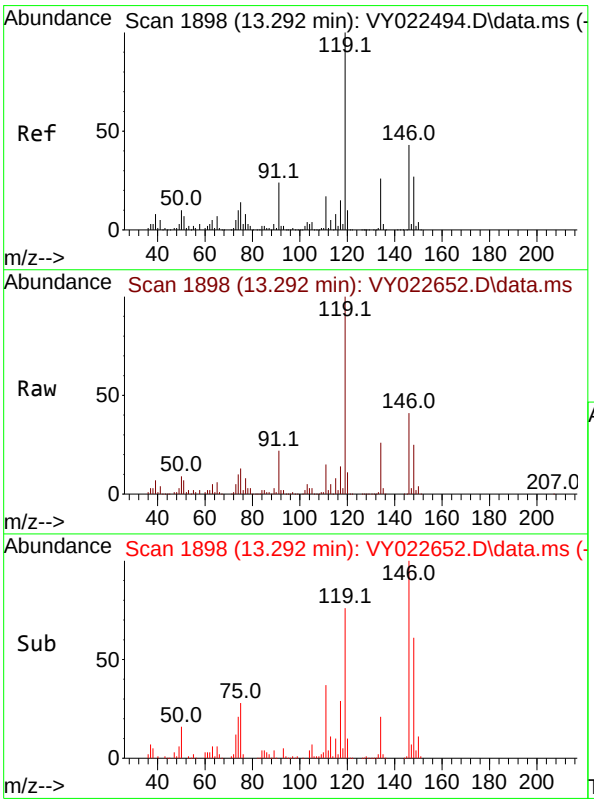
#85
sec-Butylbenzene
Concen: 50.596 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 479100

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	28.9

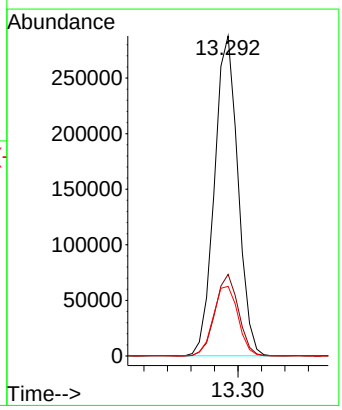


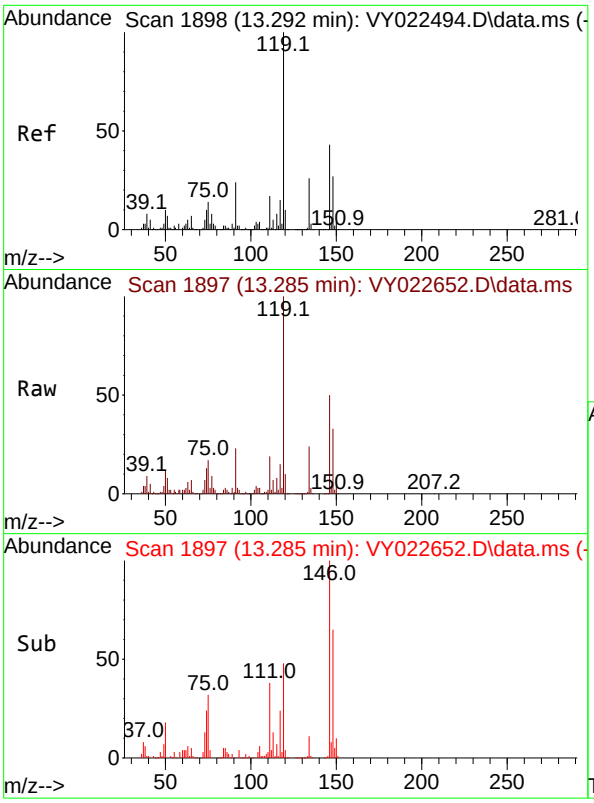


#86
p-Isopropyltoluene
Concen: 51.264 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:119 Resp: 400127

Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.1	39.1
91	22.9	11.6	34.8



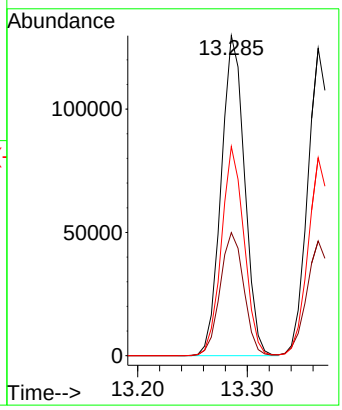


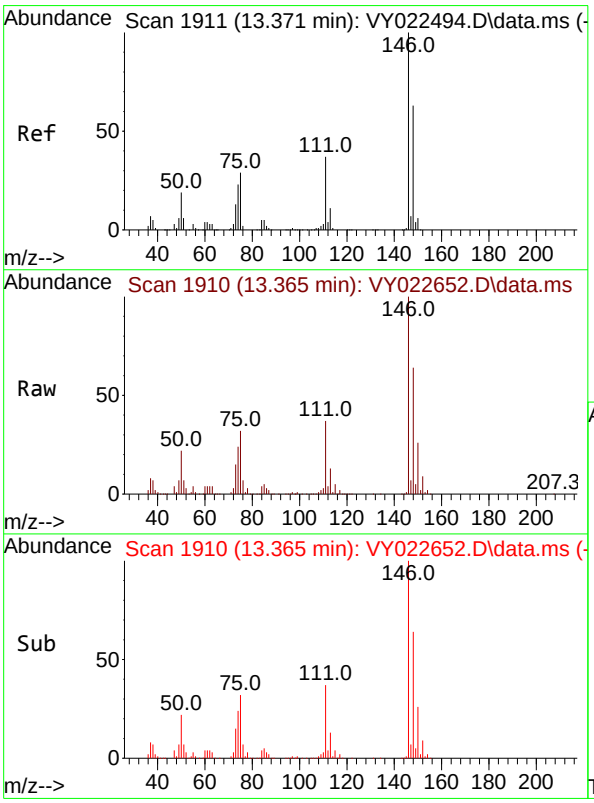
#87
1,3-Dichlorobenzene
Concen: 51.355 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 192662

Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	63.3	32.1	96.3

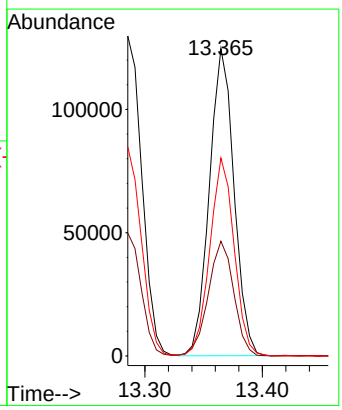


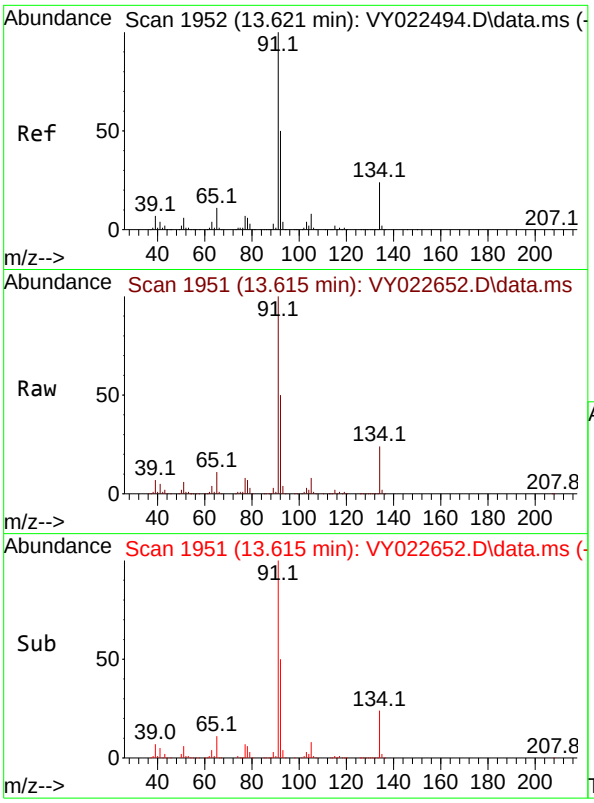


#88
1,4-Dichlorobenzene
Concen: 49.953 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:146 Resp: 181764

Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	63.7	31.6	94.8



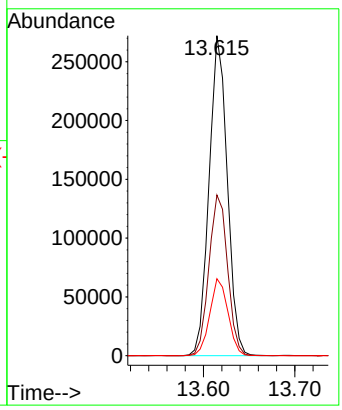


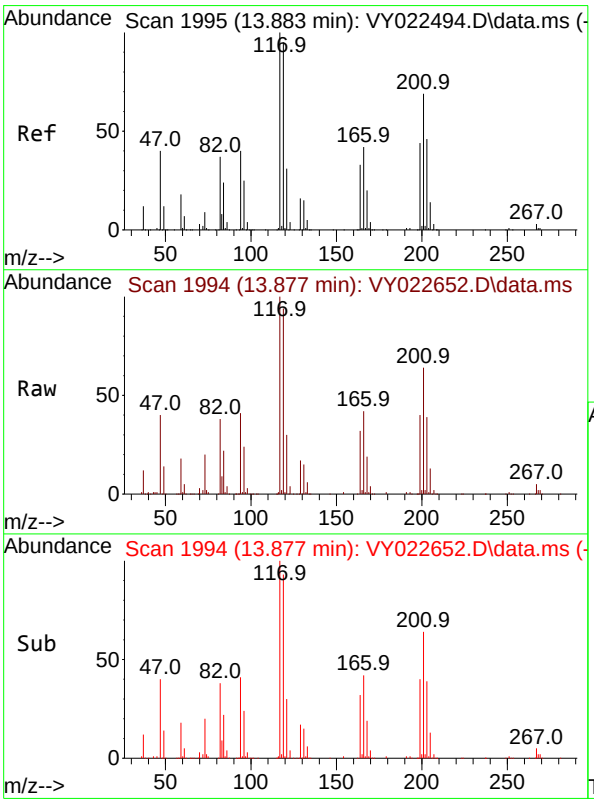
#89
n-Butylbenzene
Concen: 50.734 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 375701

Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.9	77.8
134	24.1	12.0	36.1

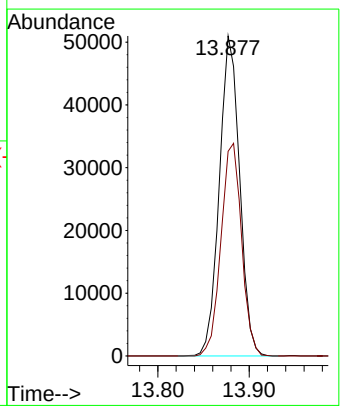


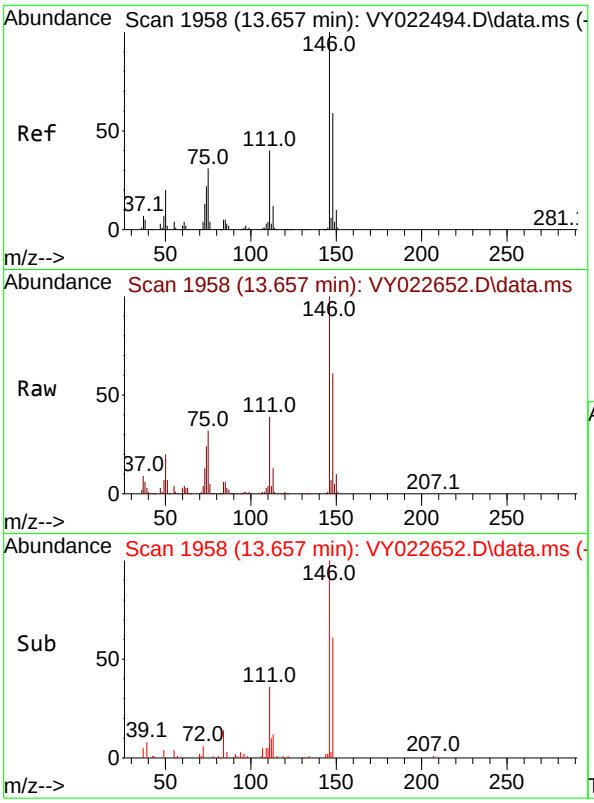


#90
Hexachloroethane
Concen: 51.856 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:117 Resp: 78797

Ion	Ratio	Lower	Upper
117	100		
201	67.5	34.0	102.0



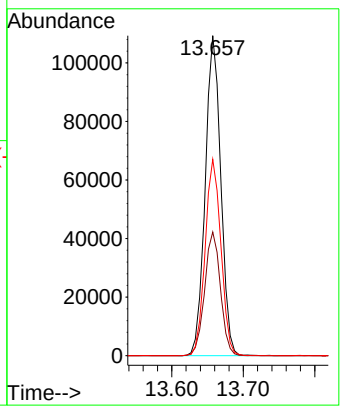


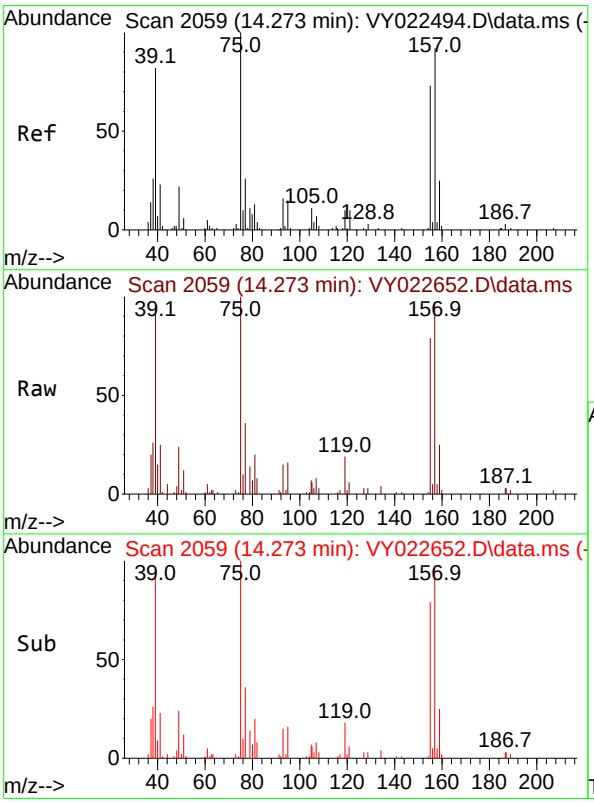
#91
1,2-Dichlorobenzene
Concen: 51.900 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 165313

Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.2	60.6
148	62.2	31.4	94.0

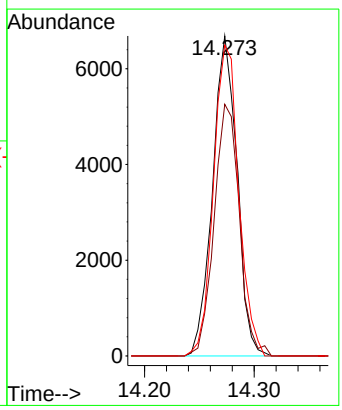


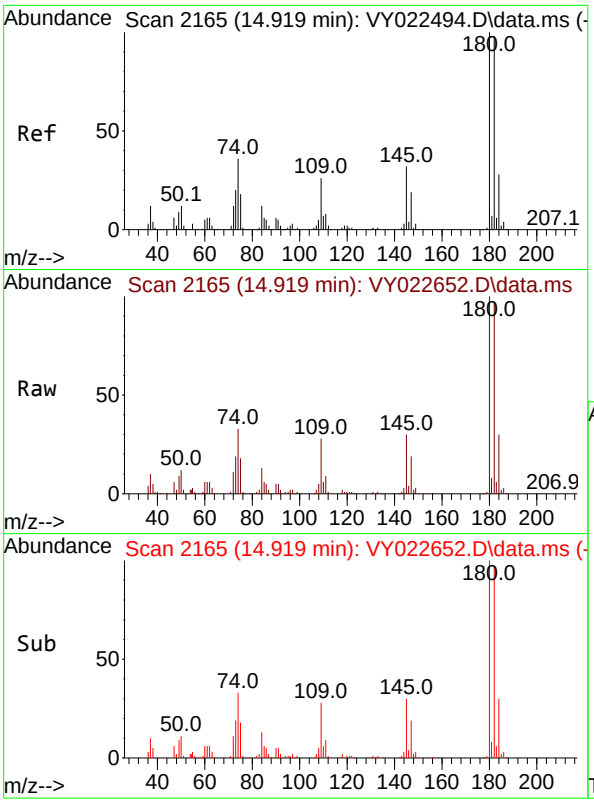


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.472 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 10373

Ion	Ratio	Lower	Upper
75	100		
155	81.0	39.9	119.6
157	100.5	54.0	162.0



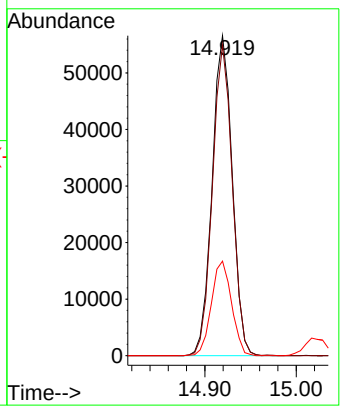


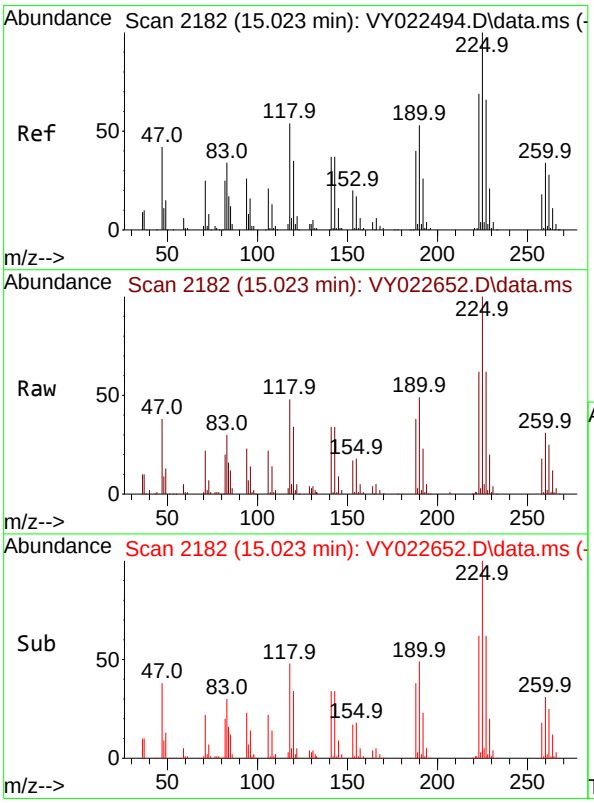
#93
1,2,4-Trichlorobenzene
Concen: 49.755 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 86435

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.3
145	29.7	15.5	46.5

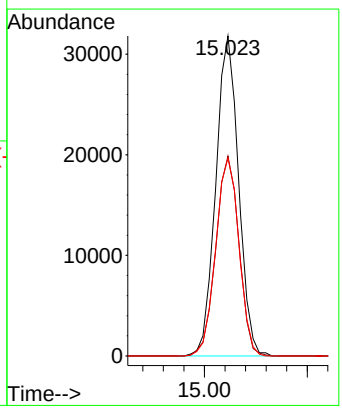


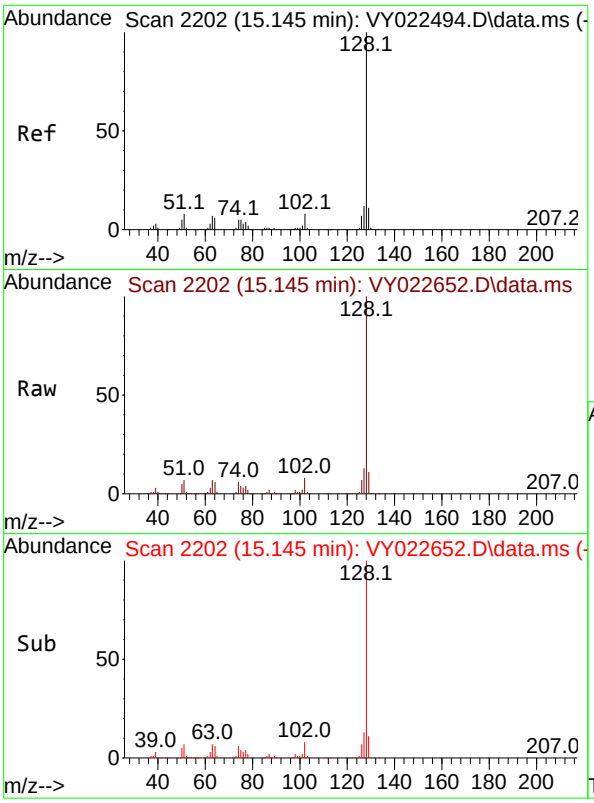


#94
Hexachlorobutadiene
Concen: 50.999 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:225 Resp: 48899

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.5	97.4
227	63.1	32.3	96.9



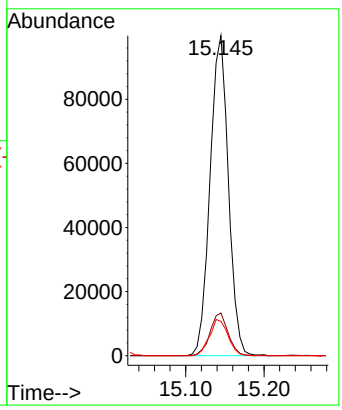


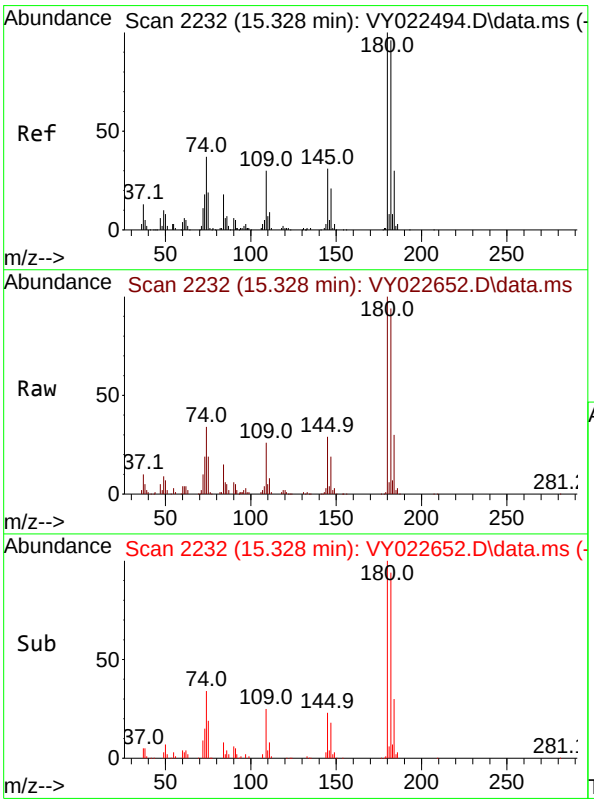
#95
Naphthalene
Concen: 48.688 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 162310

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.4	8.9	13.3

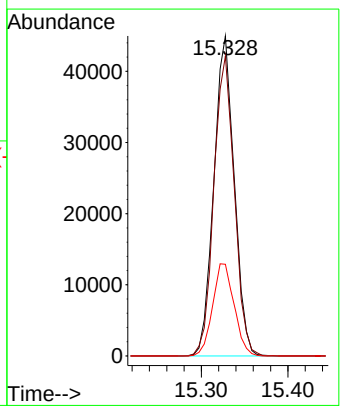




#96
1,2,3-Trichlorobenzene
Concen: 49.319 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022652.D
Acq: 11 Jun 2025 09:59

Tgt Ion:180 Resp: 73426

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.1	141.3
145	30.5	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022654.D
Acq On : 11 Jun 2025 11:01
Operator : SY/MD
Sample : VY0611SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Quant Time: Jun 12 05:03:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	154377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	263261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	218934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	105447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90043	52.150	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.300%			
35) Dibromofluoromethane	7.634	113	83823	53.345	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.680%			
50) Toluene-d8	10.103	98	341908	53.850	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.700%			
62) 4-Bromofluorobenzene	12.408	95	96721	51.128	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	30354	21.962	ug/l	97
3) Chloromethane	2.068	50	78092	19.125	ug/l	100
4) Vinyl Chloride	2.202	62	107977	22.795	ug/l	97
5) Bromomethane	2.592	94	102939	22.674	ug/l	96
6) Chloroethane	2.732	64	78962	24.287	ug/l	94
7) Trichlorofluoromethane	3.050	101	97294	24.195	ug/l	100
8) Diethyl Ether	3.458	74	18737	20.690	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	37387	22.075	ug/l	99
10) Methyl Iodide	4.007	142	34979	19.085	ug/l	99
11) Tert butyl alcohol	4.872	59	11478	93.074	ug/l	95
12) 1,1-Dichloroethene	3.793	96	34837	21.519	ug/l	98
13) Acrolein	3.653	56	11458	74.553	ug/l	100
14) Allyl chloride	4.385	41	50615	19.916	ug/l	99
15) Acrylonitrile	5.055	53	37482	97.728	ug/l	99
16) Acetone	3.873	43	50425	143.804	ug/l	98
17) Carbon Disulfide	4.110	76	105733	20.400	ug/l	98
18) Methyl Acetate	4.391	43	19500	18.779	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	89130	19.547	ug/l	97
20) Methylene Chloride	4.616	84	44974	22.579	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	39120	21.591	ug/l	84
22) Diisopropyl ether	6.018	45	116438	20.583	ug/l	94
23) Vinyl Acetate	5.964	43	319453	95.409	ug/l	99
24) 1,1-Dichloroethane	5.915	63	71477	21.448	ug/l	99
25) 2-Butanone	6.896	43	59179	117.002	ug/l	100
26) 2,2-Dichloropropane	6.890	77	64822	22.014	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	45115	21.542	ug/l	99
28) Bromochloromethane	7.244	49	29937	20.607	ug/l	100
29) Tetrahydrofuran	7.268	42	30329	92.970	ug/l	98
30) Chloroform	7.421	83	73510	22.269	ug/l	97
31) Cyclohexane	7.701	56	65893	19.860	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	65077	22.208	ug/l	99
36) 1,1-Dichloropropene	7.835	75	54754	21.470	ug/l	99
37) Ethyl Acetate	6.988	43	21286	18.716	ug/l	94
38) Carbon Tetrachloride	7.817	117	55534	21.227	ug/l	99
39) Methylcyclohexane	9.109	83	68109	19.873	ug/l	98
40) Benzene	8.079	78	159964	21.236	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022654.D
Acq On : 11 Jun 2025 11:01
Operator : SY/MD
Sample : VY0611SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Quant Time: Jun 12 05:03:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.226	41	12140	18.275 ug/l	95
42) 1,2-Dichloroethane	8.158	62	43385	21.094 ug/l	97
43) Isopropyl Acetate	8.201	43	45086	18.355 ug/l	99
44) Trichloroethene	8.866	130	41172	22.364 ug/l	98
45) 1,2-Dichloropropane	9.140	63	38468	21.609 ug/l	99
46) Dibromomethane	9.231	93	21136	21.104 ug/l	99
47) Bromodichloromethane	9.420	83	54018	21.271 ug/l	98
48) Methyl methacrylate	9.219	41	21337	18.509 ug/l	96
49) 1,4-Dioxane	9.231	88	4404	371.176 ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	114346	93.372 ug/l	99
52) Toluene	10.170	92	99726	21.067 ug/l	99
53) t-1,3-Dichloropropene	10.396	75	47853	20.111 ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	56976	20.571 ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	26608	20.835 ug/l	97
56) Ethyl methacrylate	10.438	69	33681	18.248 ug/l	98
57) 1,3-Dichloropropane	10.719	76	46820	20.685 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	81714	97.509 ug/l	99
59) 2-Hexanone	10.762	43	85059	103.855 ug/l	99
60) Dibromochloromethane	10.914	129	32871	20.254 ug/l	99
61) 1,2-Dibromoethane	11.018	107	23589	20.266 ug/l	99
64) Tetrachloroethene	10.646	164	46718	24.806 ug/l	96
65) Chlorobenzene	11.438	112	104666	21.604 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	34342	21.042 ug/l	99
67) Ethyl Benzene	11.517	91	185737	20.670 ug/l	97
68) m/p-Xylenes	11.627	106	143316	42.072 ug/l	98
69) o-Xylene	11.956	106	66721	20.891 ug/l	100
70) Styrene	11.969	104	106861	20.241 ug/l	99
71) Bromoform	12.133	173	16640	19.160 ug/l #	100
73) Isopropylbenzene	12.255	105	174297	20.133 ug/l	100
74) N-amyl acetate	12.072	43	38545	17.646 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	25003	17.597 ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	38937	32.277 ug/l #	100
77) Bromobenzene	12.530	156	37602	20.583 ug/l	97
78) n-propylbenzene	12.597	91	215383	20.369 ug/l	99
79) 2-Chlorotoluene	12.676	91	112124	20.007 ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	139655	20.548 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	8871	17.758 ug/l	98
82) 4-Chlorotoluene	12.779	91	116584	20.166 ug/l	98
83) tert-Butylbenzene	12.999	119	124991	20.490 ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	137643	20.248 ug/l	99
85) sec-Butylbenzene	13.176	105	192733	20.630 ug/l	100
86) p-Isopropyltoluene	13.292	119	155523	20.196 ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	75686	20.448 ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	73268	20.409 ug/l	98
89) n-Butylbenzene	13.615	91	151386	20.720 ug/l	99
90) Hexachloroethane	13.877	117	30995	20.674 ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	63879	20.327 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3788	18.311 ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	36161	21.098 ug/l	98
94) Hexachlorobutadiene	15.023	225	21601	22.834 ug/l	95
95) Naphthalene	15.145	128	62008	18.852 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	30902	21.038 ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022654.D
Acq On : 11 Jun 2025 11:01
Operator : SY/MD
Sample : VY0611SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Quant Time: Jun 12 05:03:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

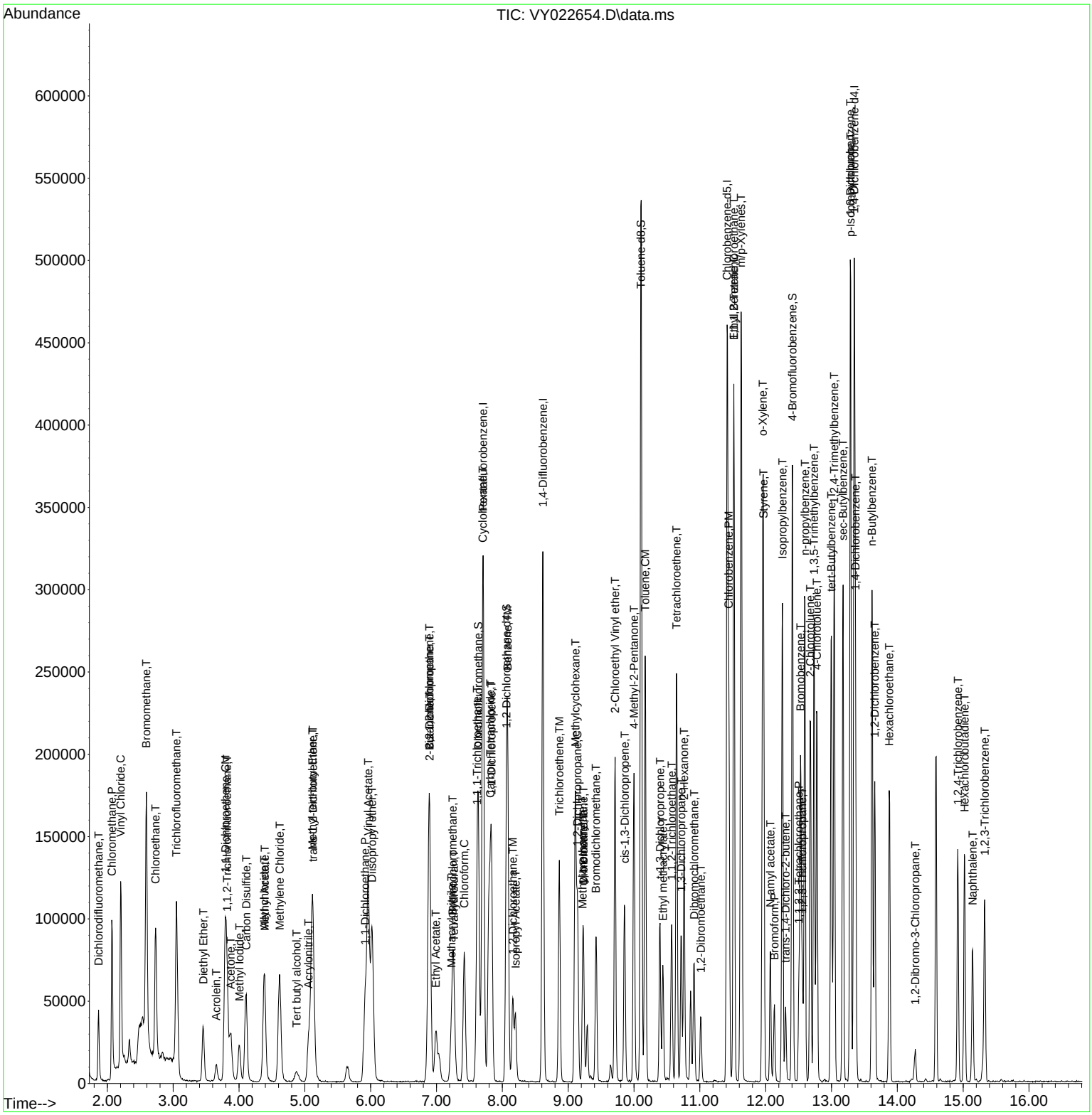
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

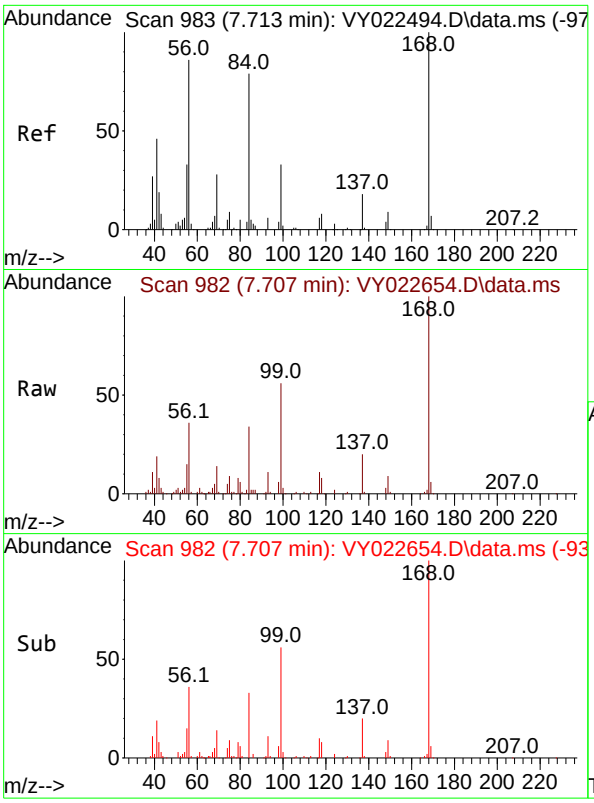
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022654.D
Acq On : 11 Jun 2025 11:01
Operator : SY/MD
Sample : VY0611SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Quant Time: Jun 12 05:03:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



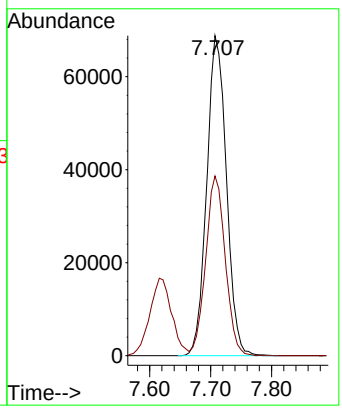


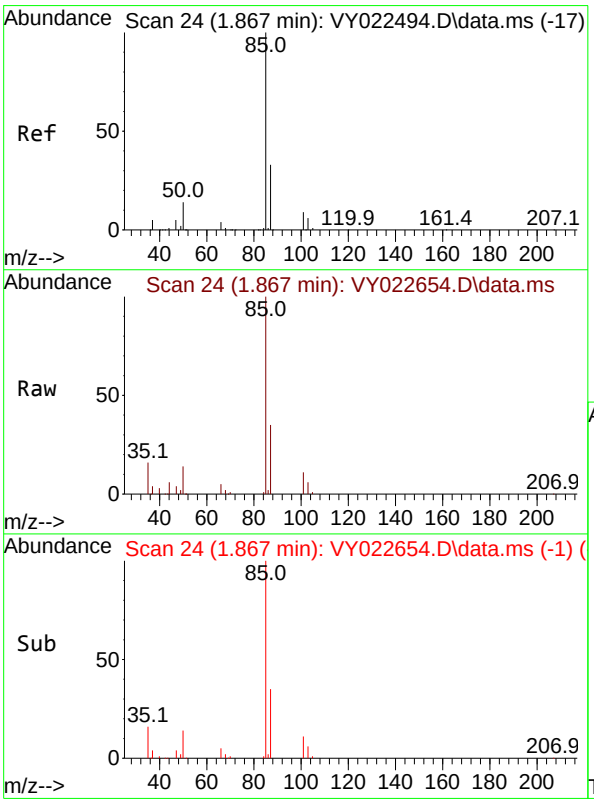
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:168 Resp: 154377

Ion	Ratio	Lower	Upper
168	100		
99	56.1	44.3	66.5

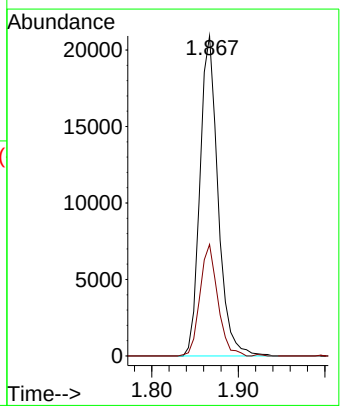


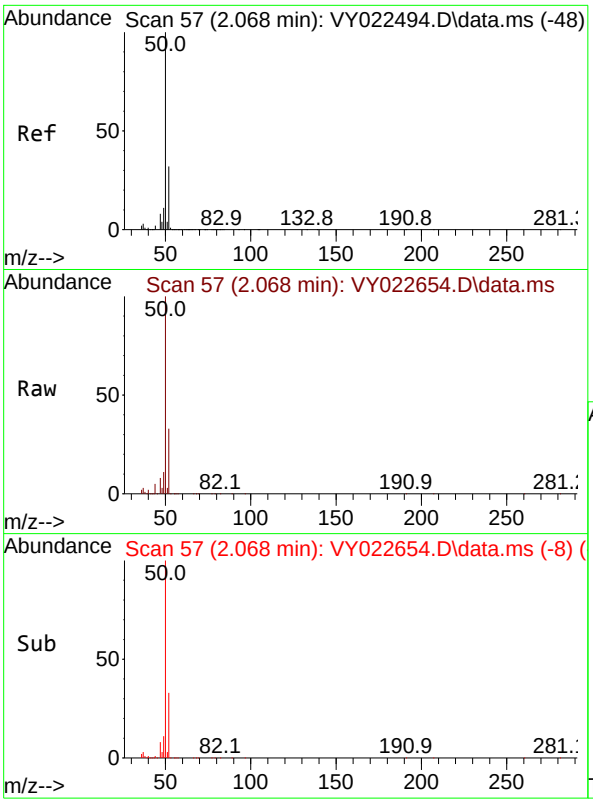


#2
Dichlorodifluoromethane
Concen: 21.962 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 85 Resp: 30354

Ion	Ratio	Lower	Upper
85	100		
87	34.9	16.7	50.0



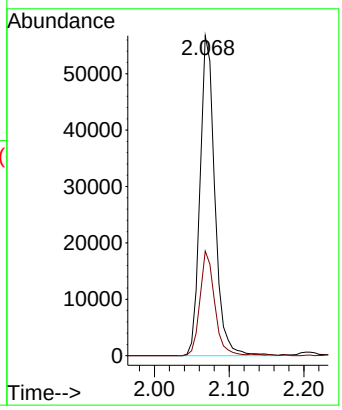


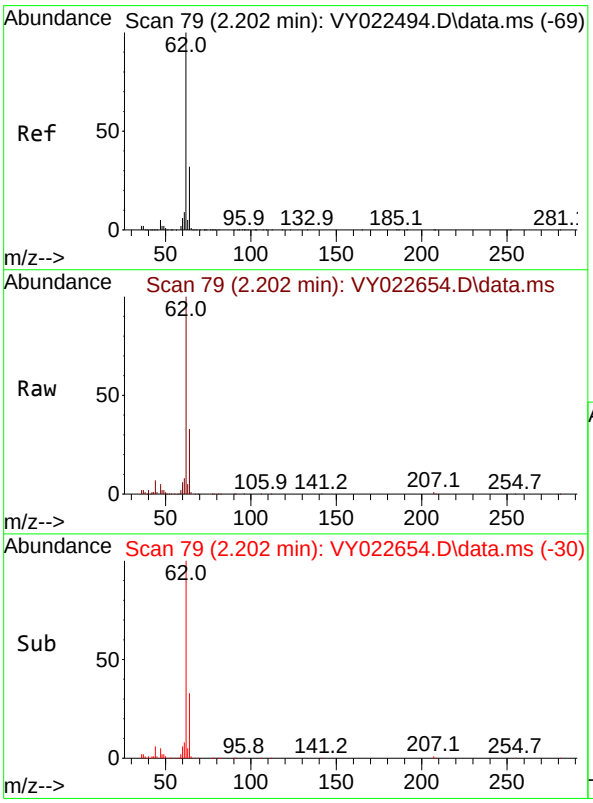
#3
Chloromethane
Concen: 19.125 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 50 Resp: 78092

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.0	39.0

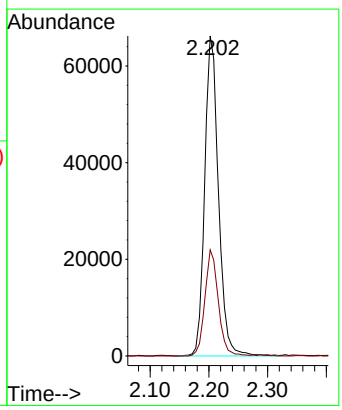


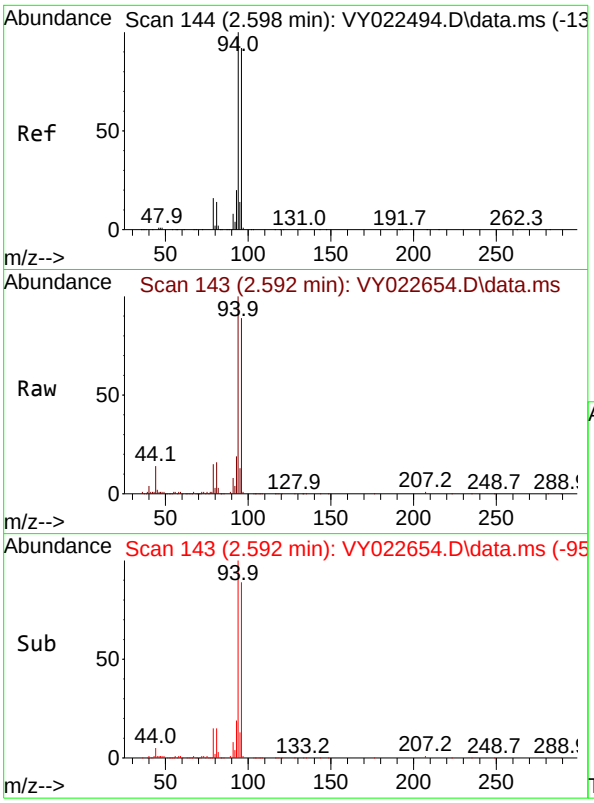


#4
Vinyl Chloride
Concen: 22.795 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 62 Resp: 107977

Ion	Ratio	Lower	Upper
62	100		
64	33.1	25.3	37.9



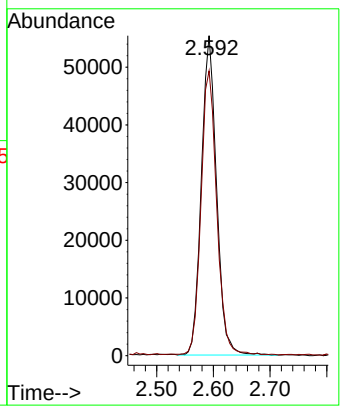


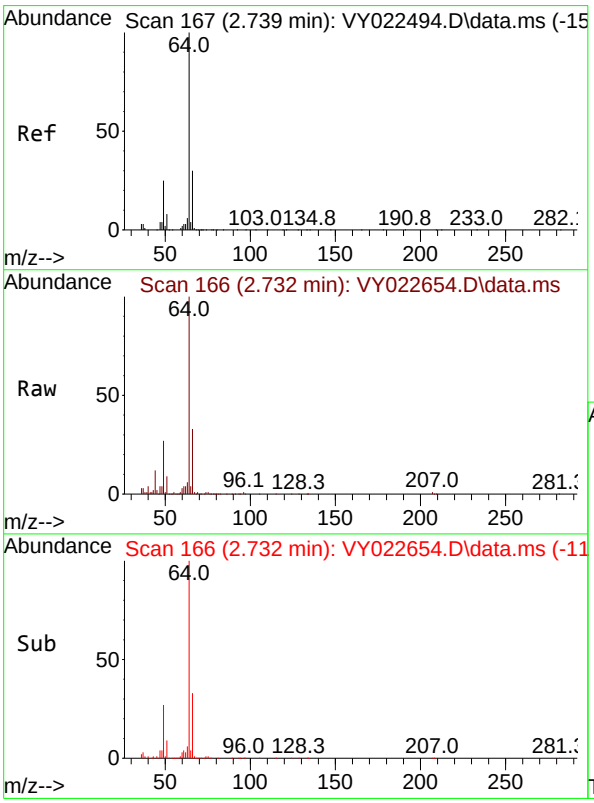
#5
Bromomethane
Concen: 22.674 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 94 Resp: 102939

Ion	Ratio	Lower	Upper
94	100		
96	88.9	74.0	111.0

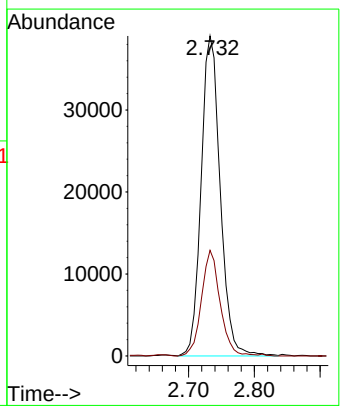


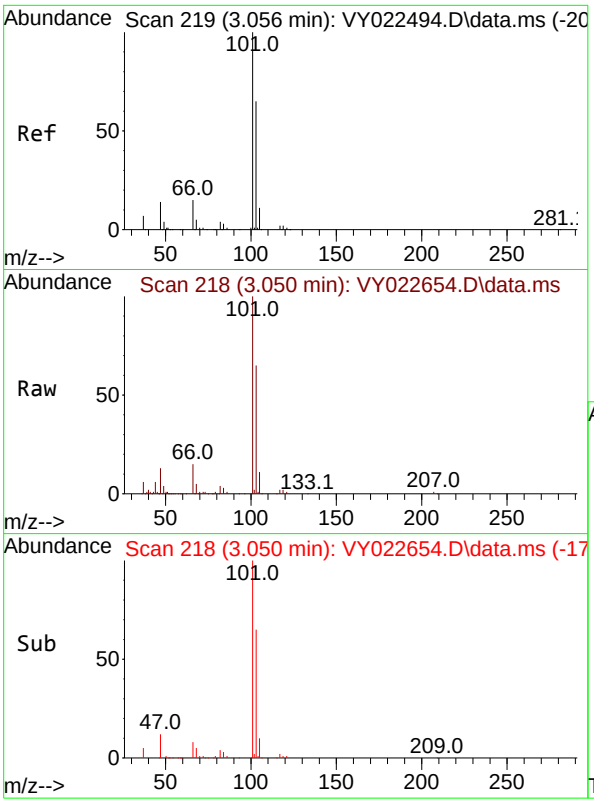


#6
Chloroethane
Concen: 24.287 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 64 Resp: 78962

Ion	Ratio	Lower	Upper
64	100		
66	33.0	23.8	35.6



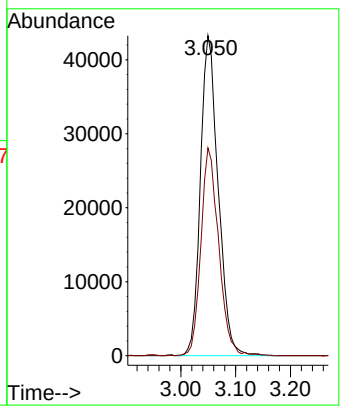


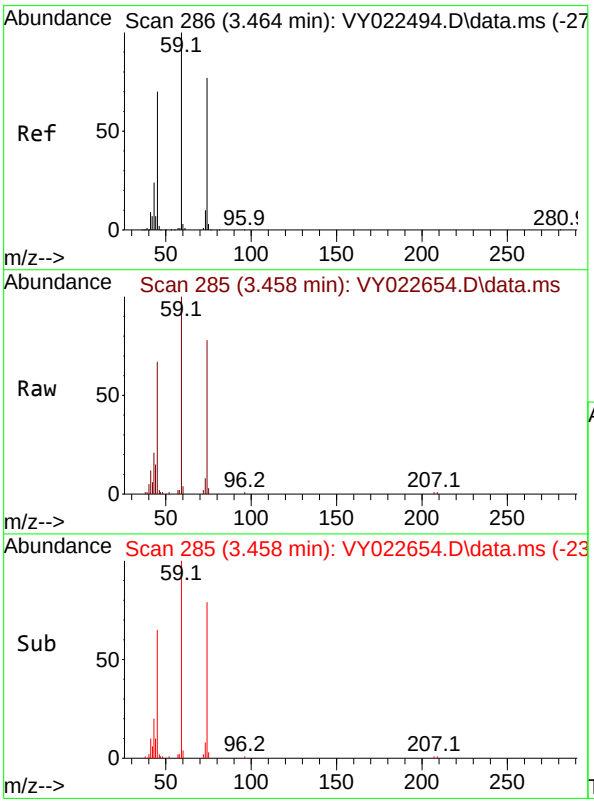
#7
Trichlorofluoromethane
Concen: 24.195 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:101 Resp: 97294

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.2

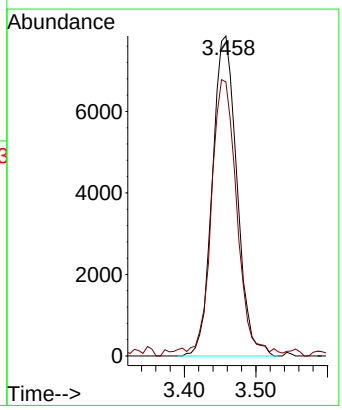


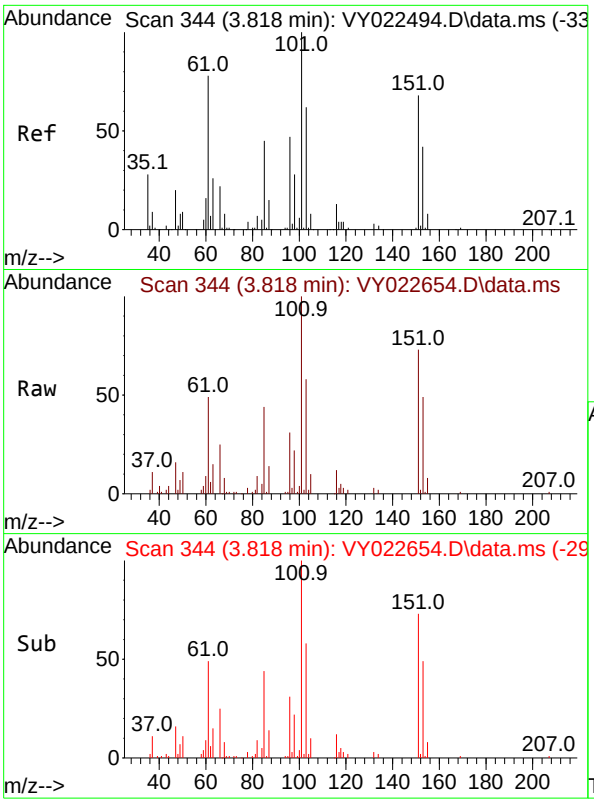


#8
Diethyl Ether
Concen: 20.690 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 74 Resp: 18737

Ion	Ratio	Lower	Upper
74	100		
45	87.3	45.9	137.6



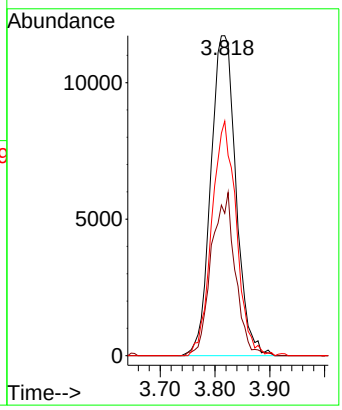


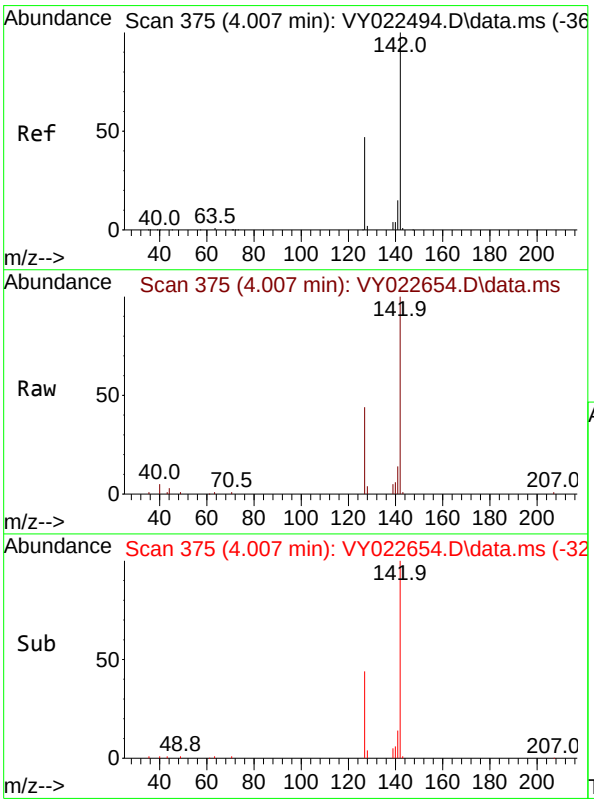
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.075 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:101 Resp: 37387

Ion	Ratio	Lower	Upper
101	100		
85	48.6	39.3	58.9
151	71.4	57.8	86.8

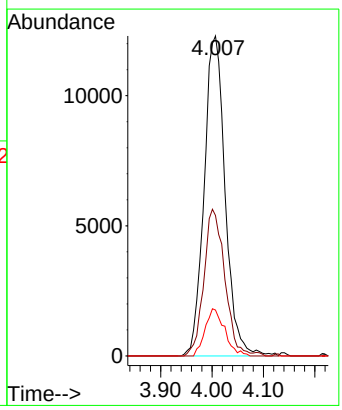


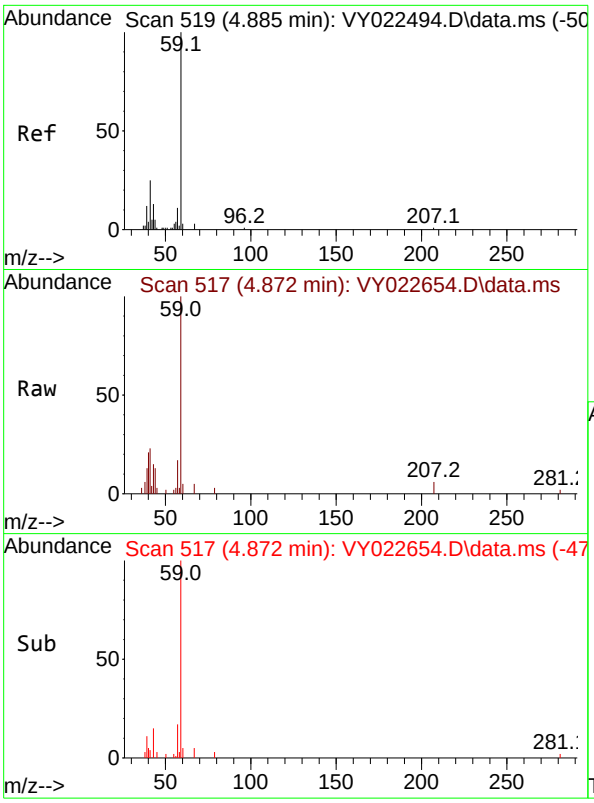


#10
Methyl Iodide
Concen: 19.085 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:142 Resp: 34979

Ion	Ratio	Lower	Upper
142	100		
127	45.5	37.1	55.7
141	13.8	11.4	17.2



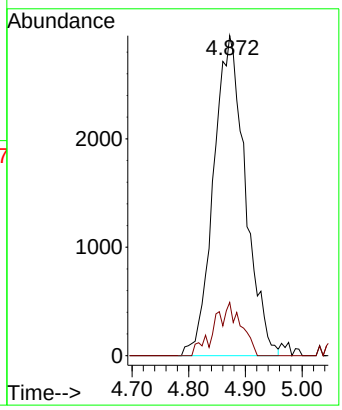


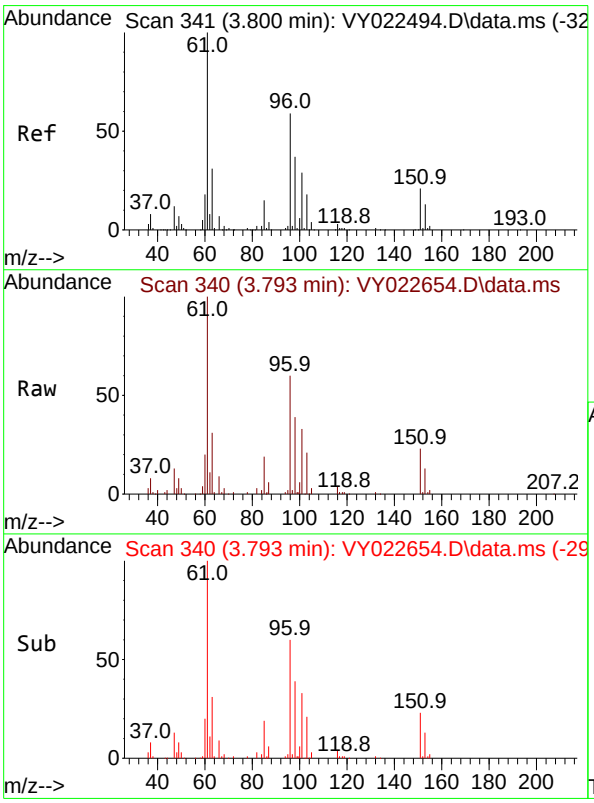
#11
Tert butyl alcohol
Concen: 93.074 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 59 Resp: 11478

Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.0	12.0

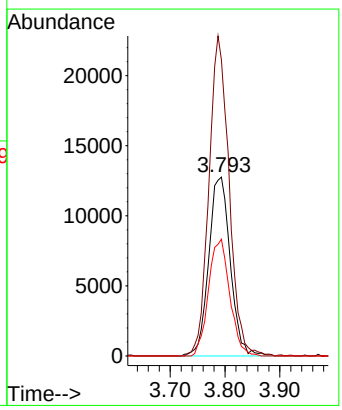


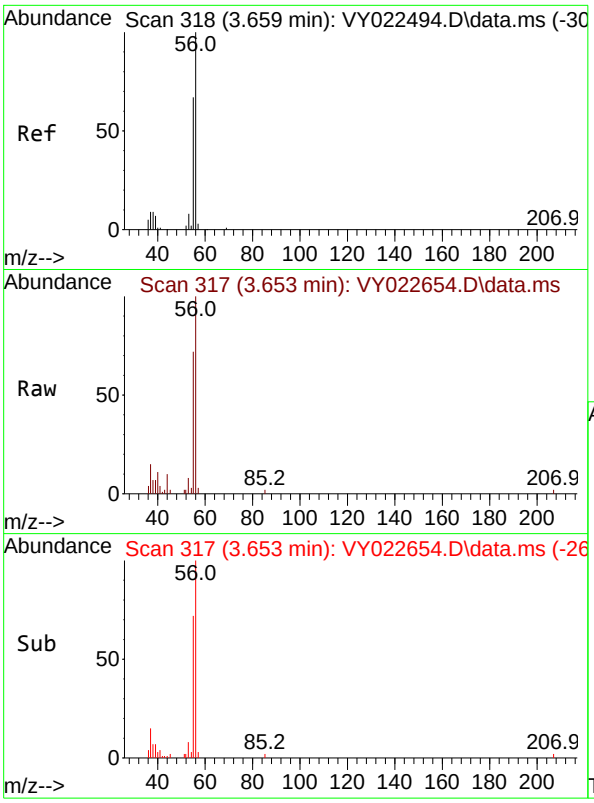


#12
1,1-Dichloroethene
Concen: 21.519 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 96 Resp: 34837

Ion	Ratio	Lower	Upper
96	100		
61	165.6	134.6	201.8
98	65.3	50.2	75.4



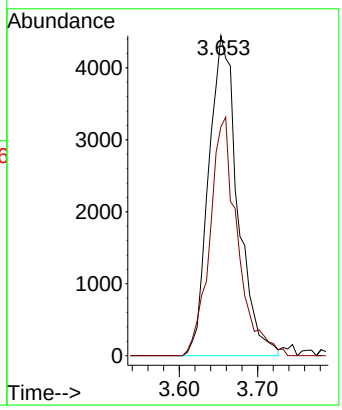


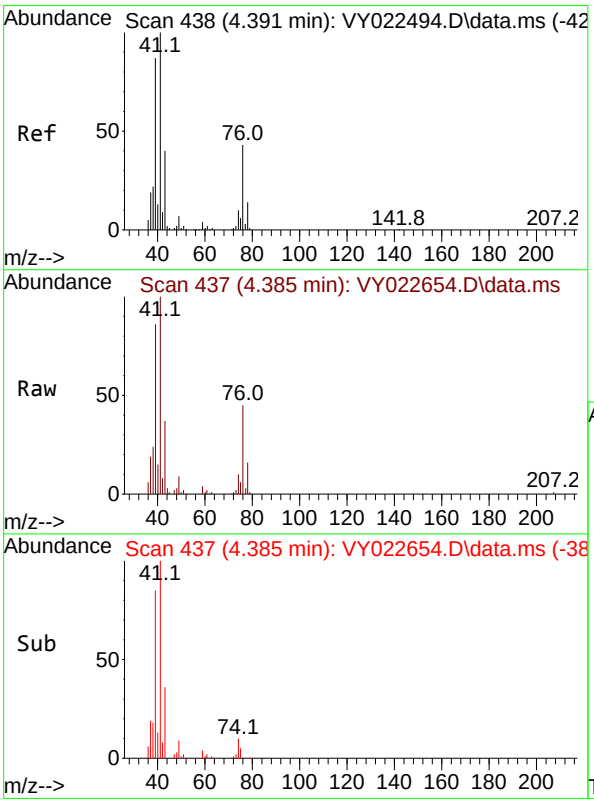
#13
Acrolein
Concen: 74.553 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 56 Resp: 11458

Ion	Ratio	Lower	Upper
56	100		
55	71.3	57.0	85.6

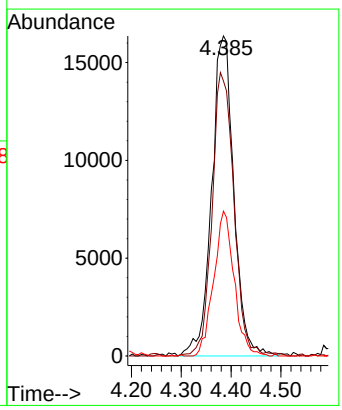


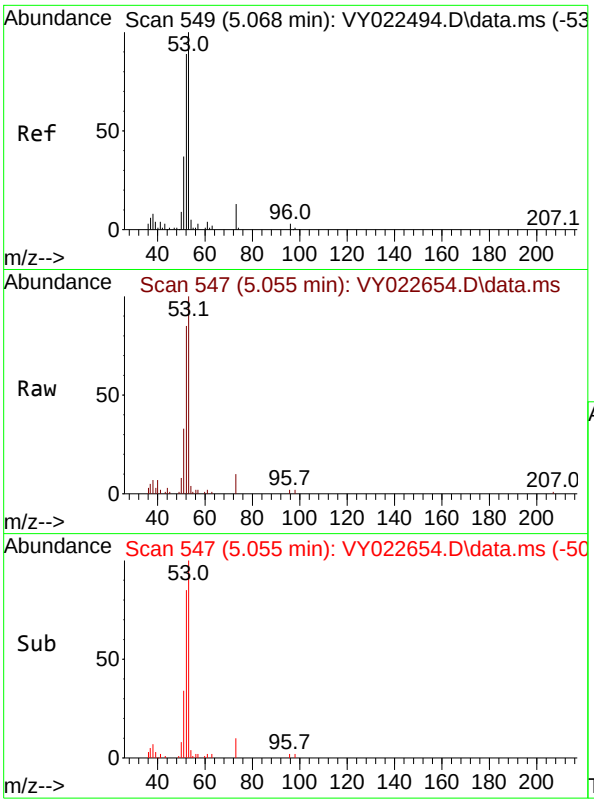


#14
Allyl chloride
Concen: 19.916 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 41 Resp: 50615

Ion	Ratio	Lower	Upper
41	100		
39	87.2	69.1	103.7
76	41.6	33.5	50.3



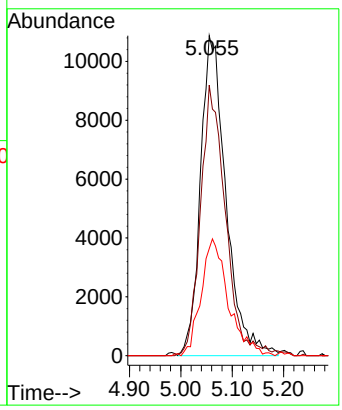


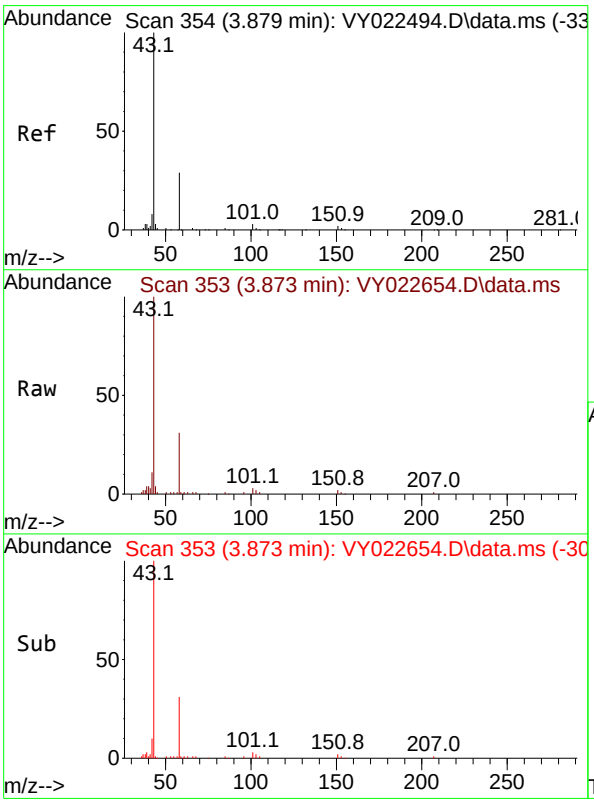
#15
Acrylonitrile
Concen: 97.728 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 53 Resp: 37482

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	39.1	30.1	45.1

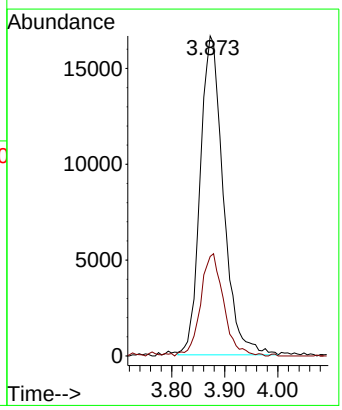


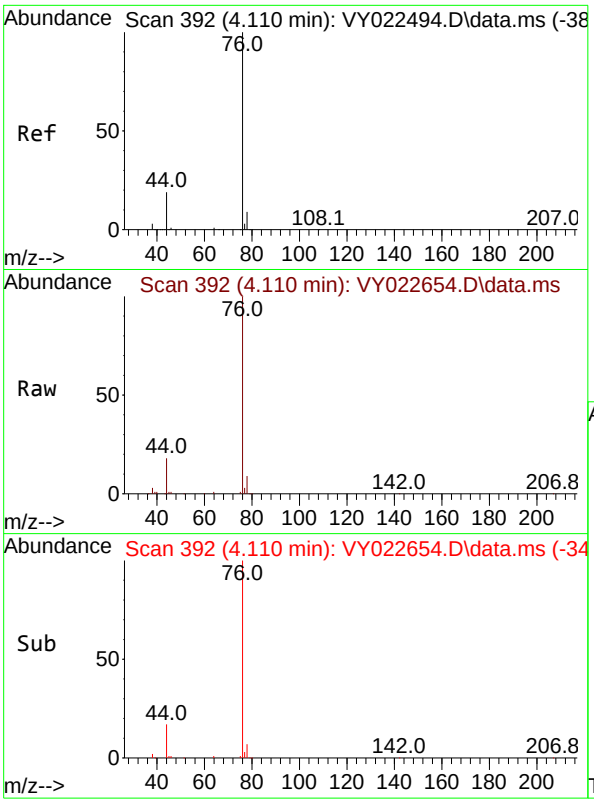


#16
Acetone
Concen: 143.804 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 50425

Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.0	36.0



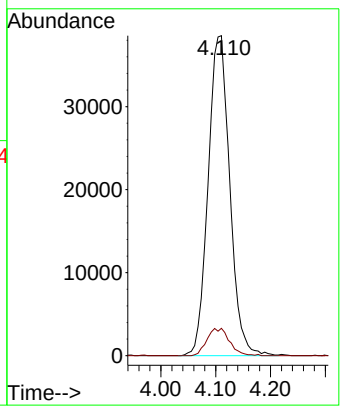


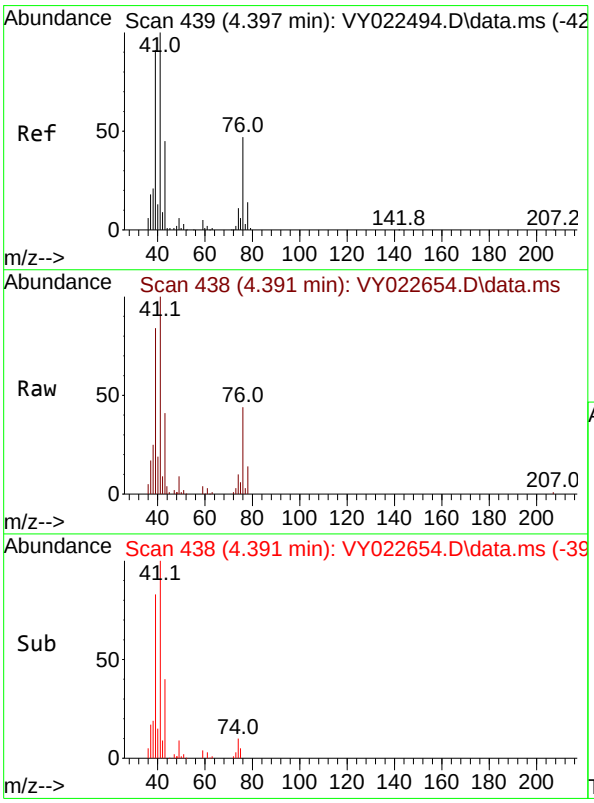
#17
Carbon Disulfide
Concen: 20.400 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 76 Resp: 105733

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.2

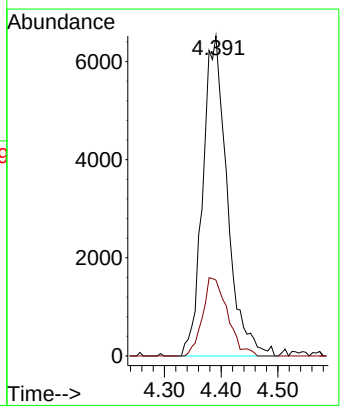


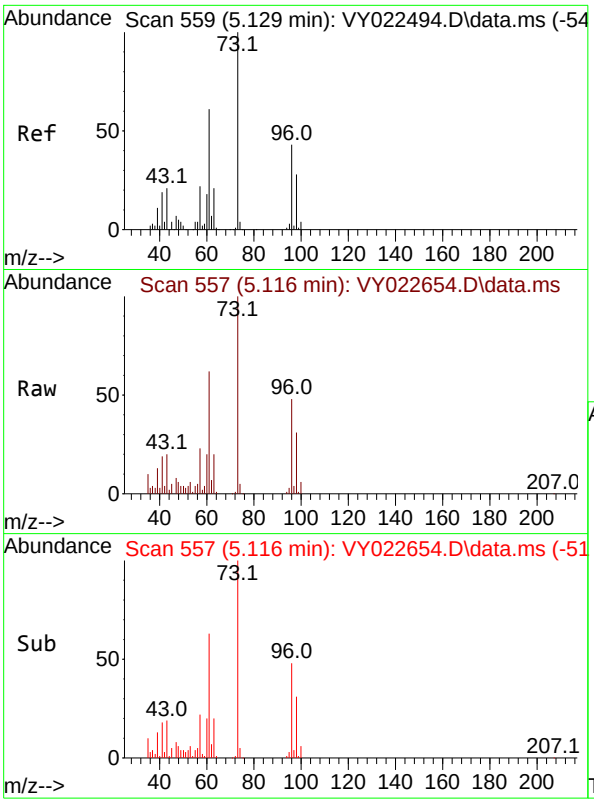


#18
Methyl Acetate
Concen: 18.779 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 19500

Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.8	29.6



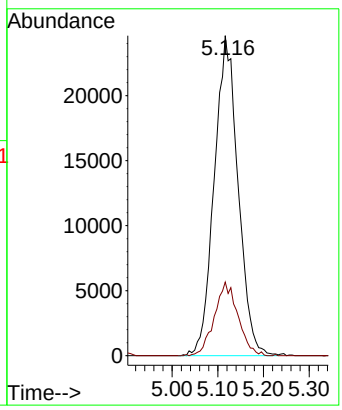


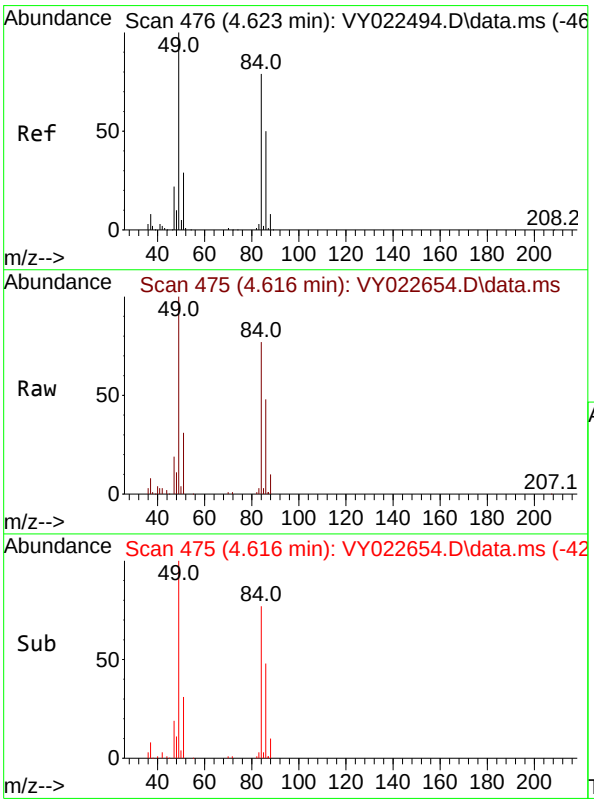
#19
Methyl tert-butyl Ether
Concen: 19.547 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 73 Resp: 89130

Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.4	26.0

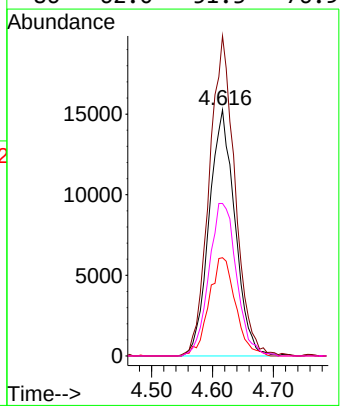


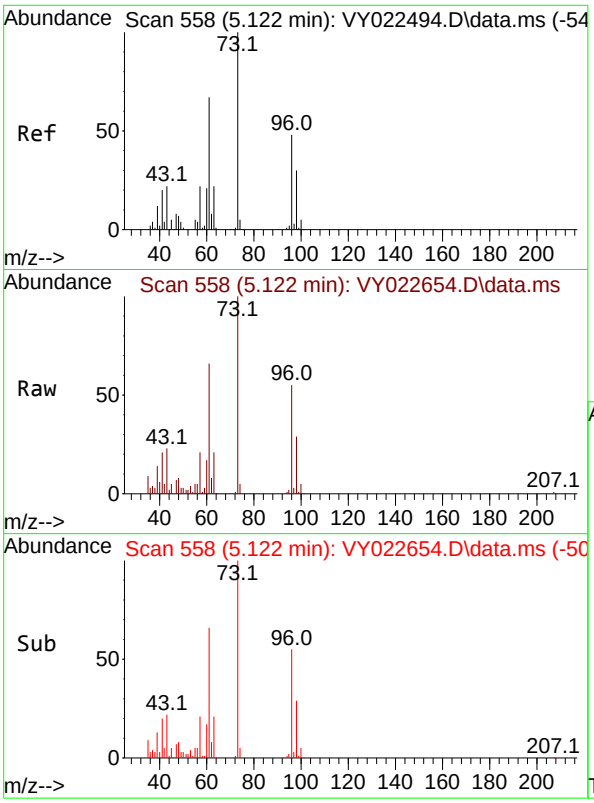


#20
Methylene Chloride
Concen: 22.579 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 84 Resp: 44974

Ion	Ratio	Lower	Upper
84	100		
49	130.0	101.9	152.9
51	39.9	29.8	44.8
86	62.0	51.3	76.9



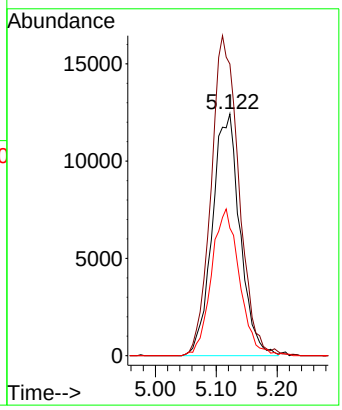


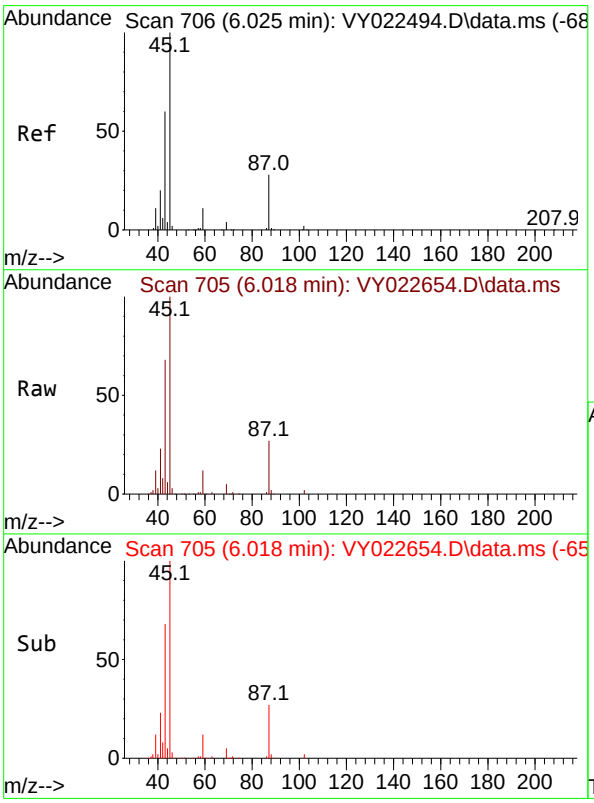
#21
trans-1,2-Dichloroethene
Concen: 21.591 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 96 Resp: 39120

Ion	Ratio	Lower	Upper
96	100		
61	120.7	112.6	169.0
98	52.8	50.6	75.8

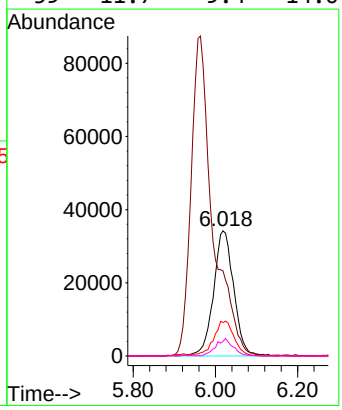


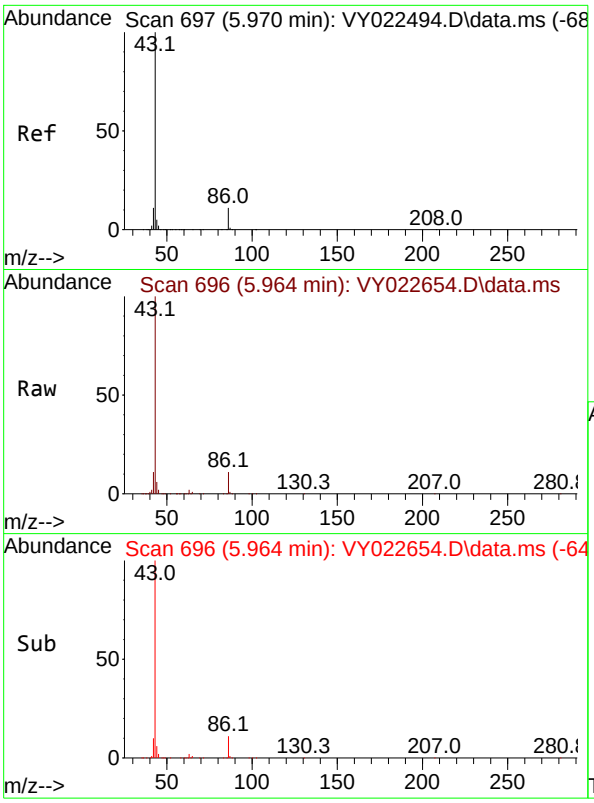


#22
Diisopropyl ether
Concen: 20.583 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 45 Resp: 116438

Ion	Ratio	Lower	Upper
45	100		
43	67.2	48.3	72.5
87	26.8	23.0	34.6
59	11.7	9.4	14.0



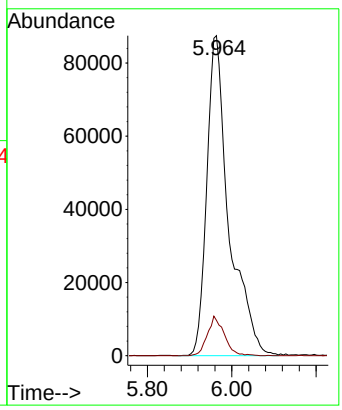


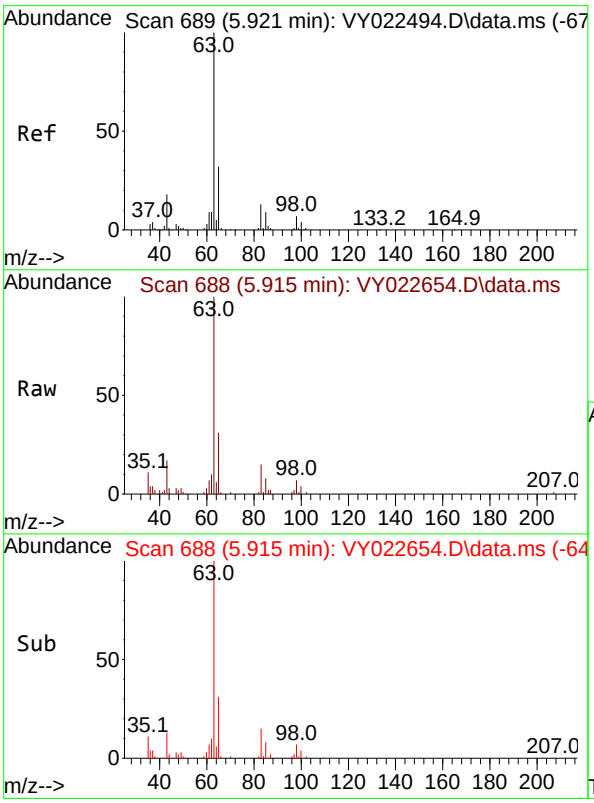
#23
Vinyl Acetate
Concen: 95.409 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 43 Resp: 319453

Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.6	12.8

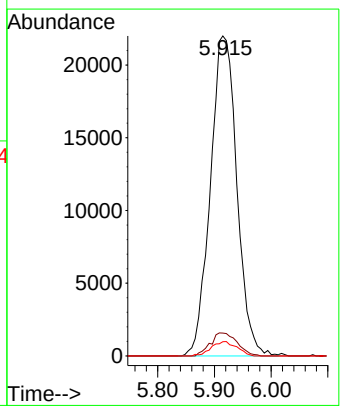


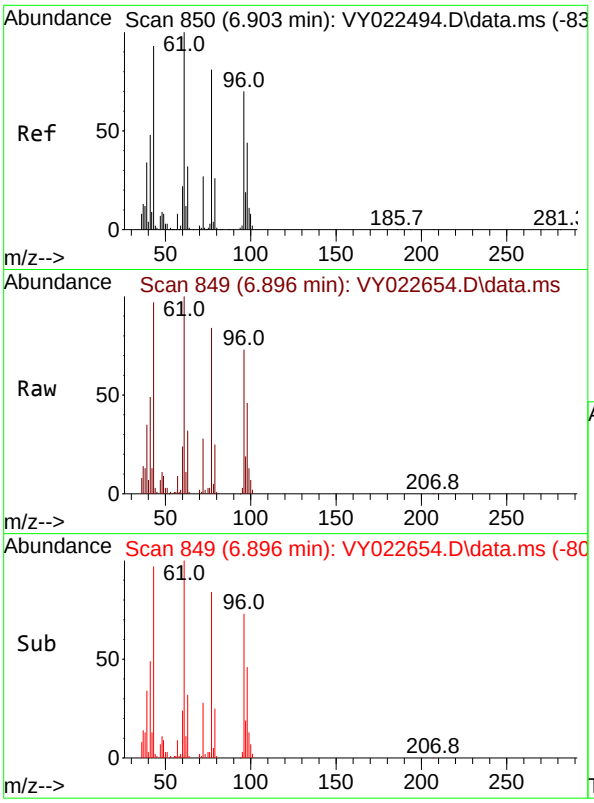


#24
1,1-Dichloroethane
Concen: 21.448 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 63 Resp: 71477

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.1
100	4.5	2.1	6.3



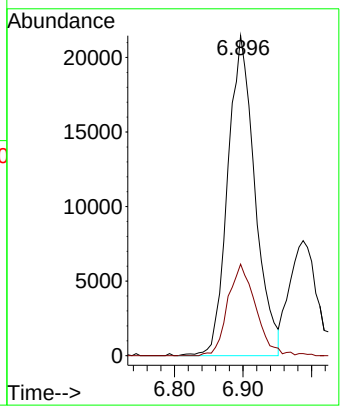


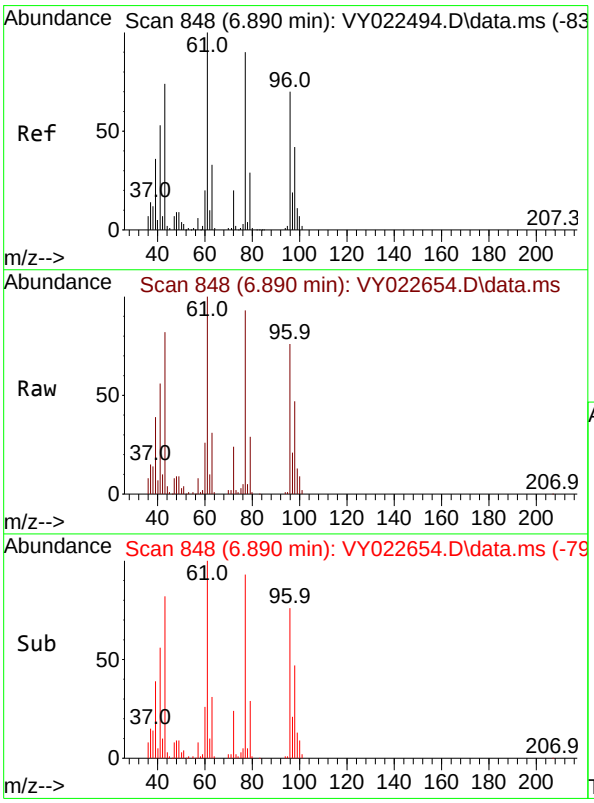
#25
2-Butanone
Concen: 117.002 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 43 Resp: 59179

Ion	Ratio	Lower	Upper
43	100		
72	28.6	22.9	34.3

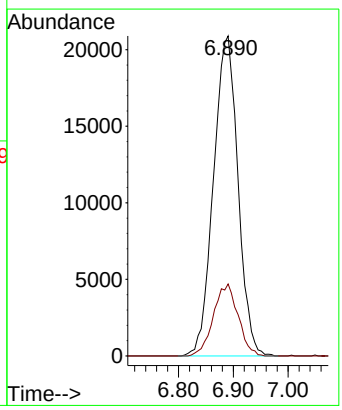


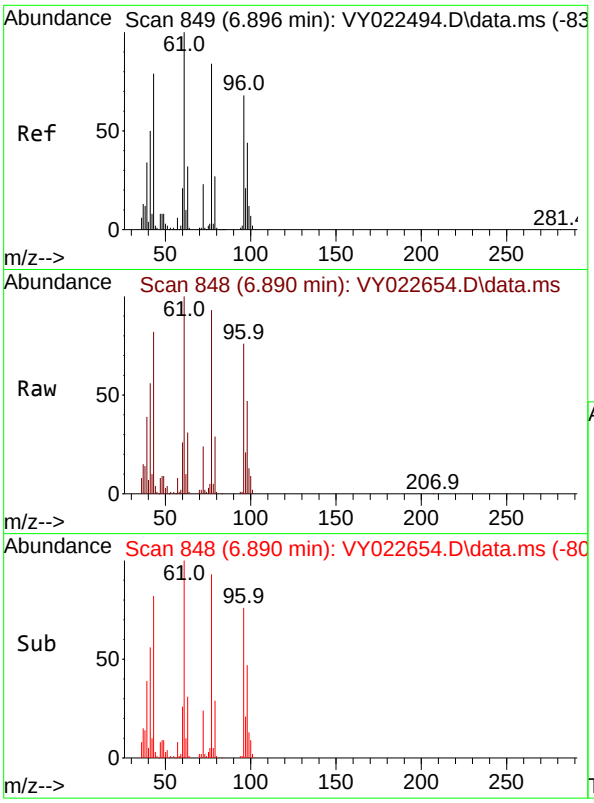


#26
2,2-Dichloropropane
Concen: 22.014 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 77 Resp: 64822

Ion	Ratio	Lower	Upper
77	100		
97	22.6	11.4	34.2



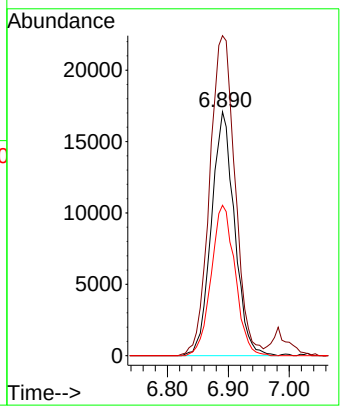


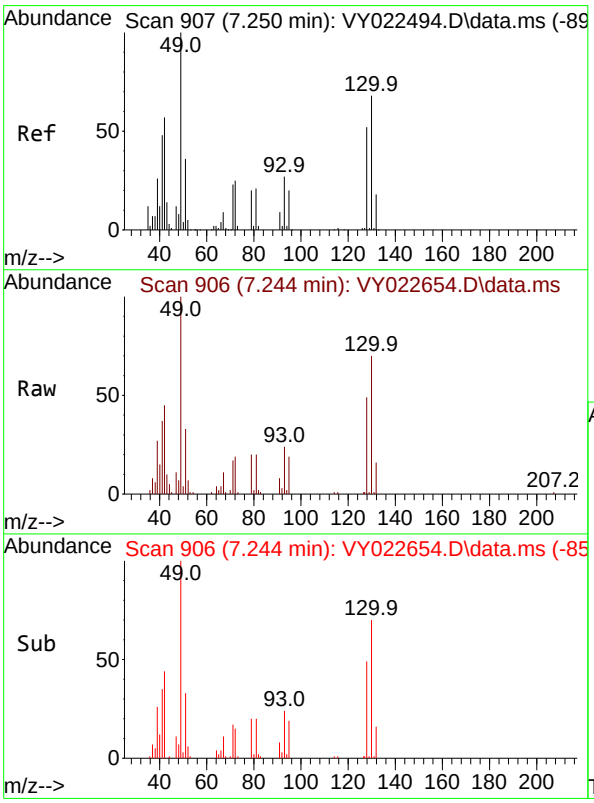
#27
cis-1,2-Dichloroethene
Concen: 21.542 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 96 Resp: 45115

Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	290.0
98	63.6	0.0	128.4

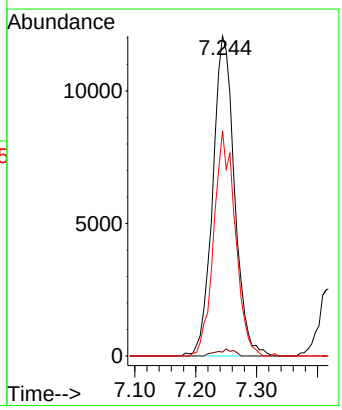


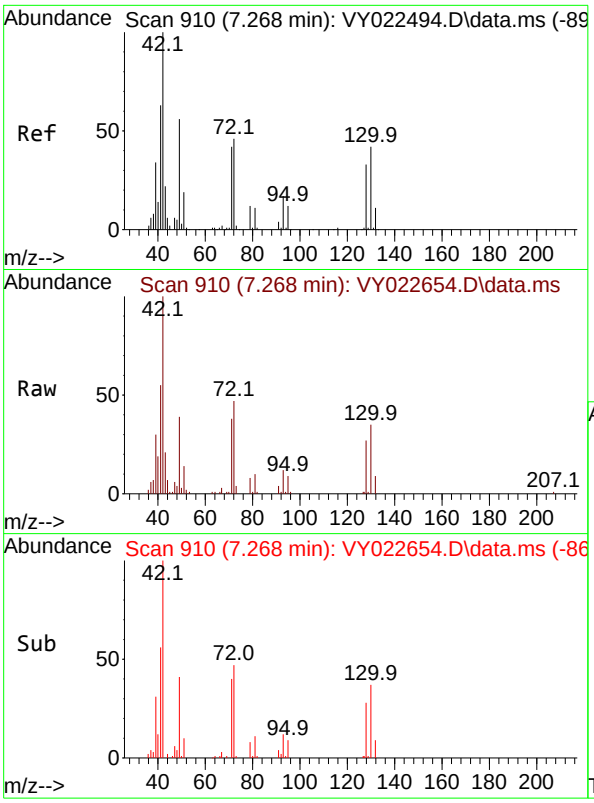


#28
Bromochloromethane
Concen: 20.607 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 49 Resp: 29937

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	69.2	55.7	83.5



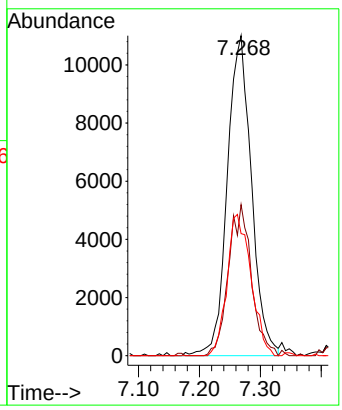


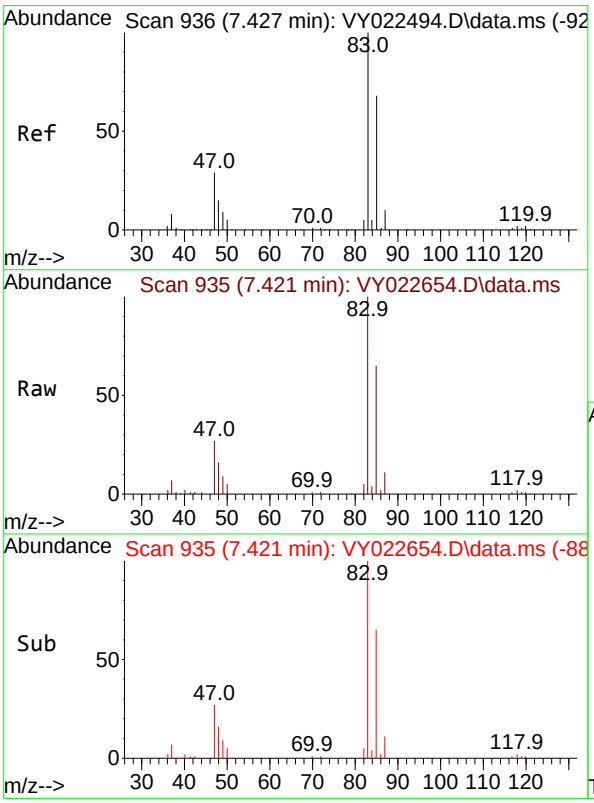
#29
Tetrahydrofuran
Concen: 92.970 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 42 Resp: 30329

Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.4	56.2
71	43.6	34.2	51.2

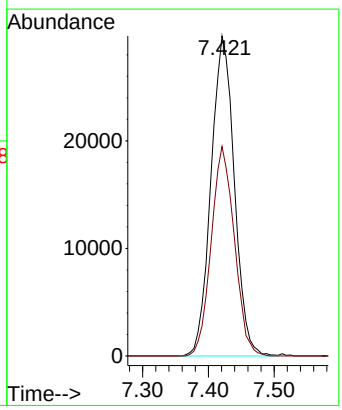


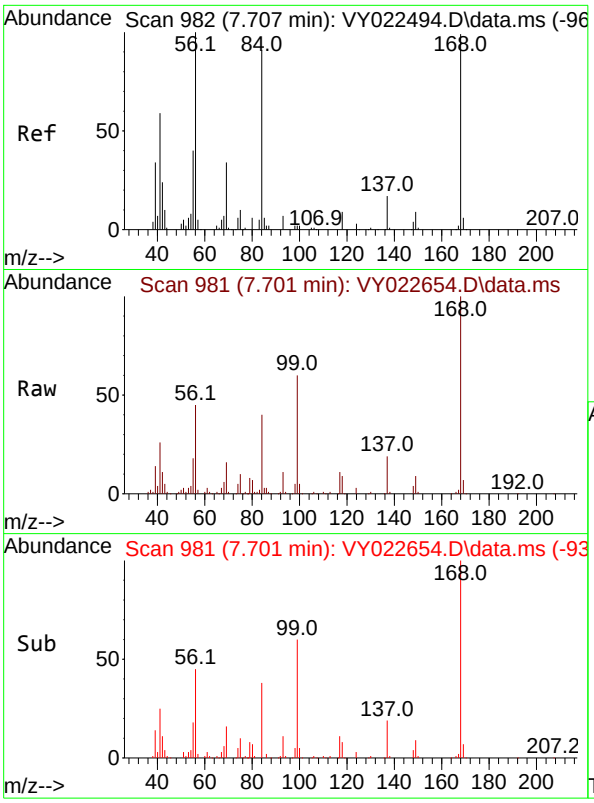


#30
Chloroform
Concen: 22.269 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 83 Resp: 73510

Ion	Ratio	Lower	Upper
83	100		
85	65.5	54.2	81.4



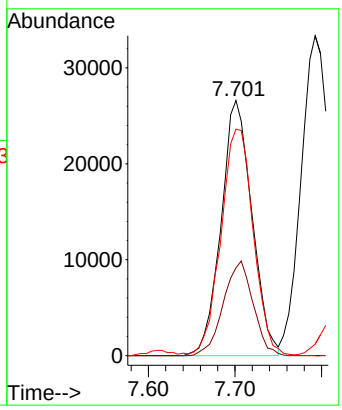


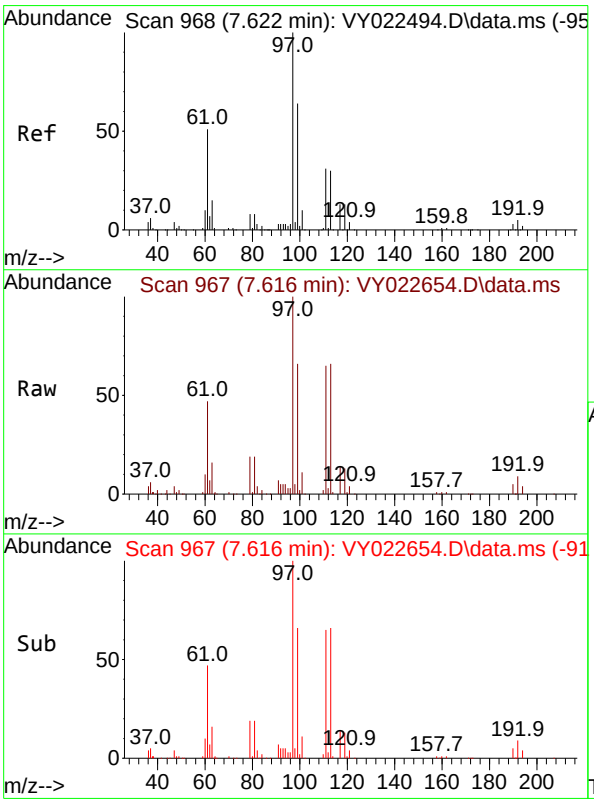
#31
Cyclohexane
Concen: 19.860 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 56 Resp: 65893

Ion	Ratio	Lower	Upper
56	100		
69	34.4	27.0	40.6
84	88.2	72.6	109.0

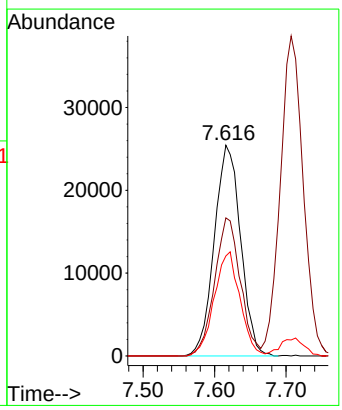


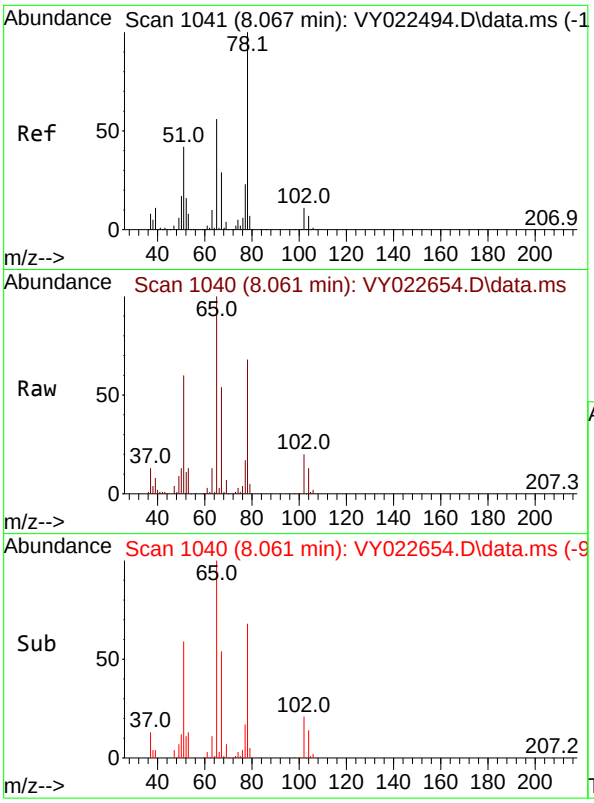


#32
1,1,1-Trichloroethane
Concen: 22.208 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 97 Resp: 65077

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.9	76.3
61	48.5	38.5	57.7



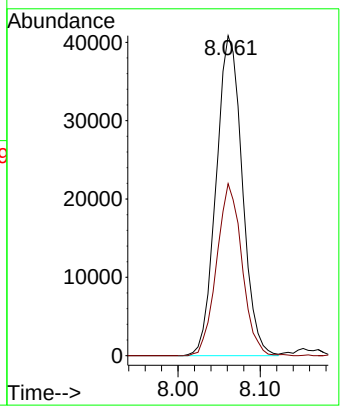


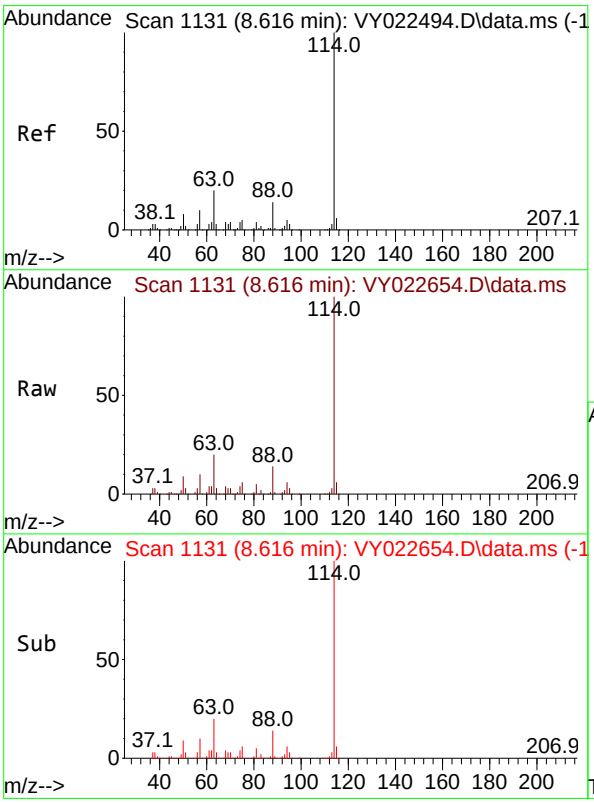
#33
1,2-Dichloroethane-d4
Concen: 52.150 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 65 Resp: 90043

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.4

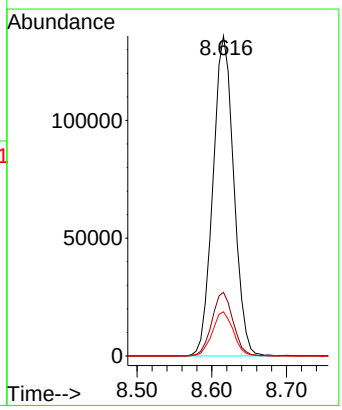


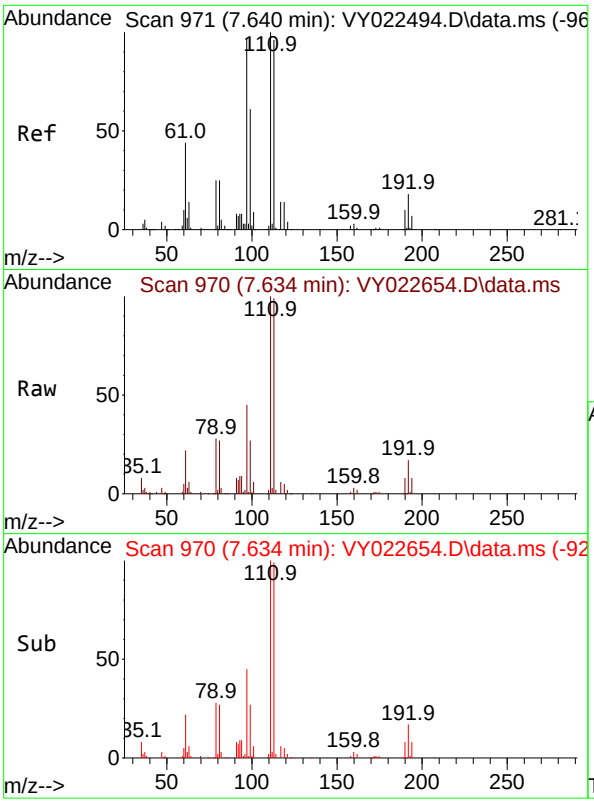


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:114 Resp: 263261

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	13.8	0.0	27.8



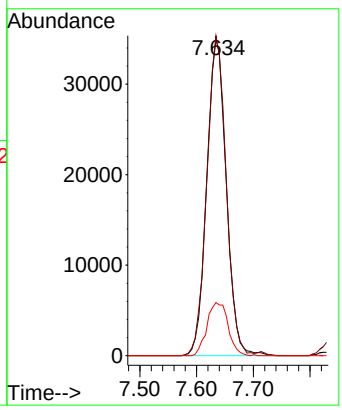


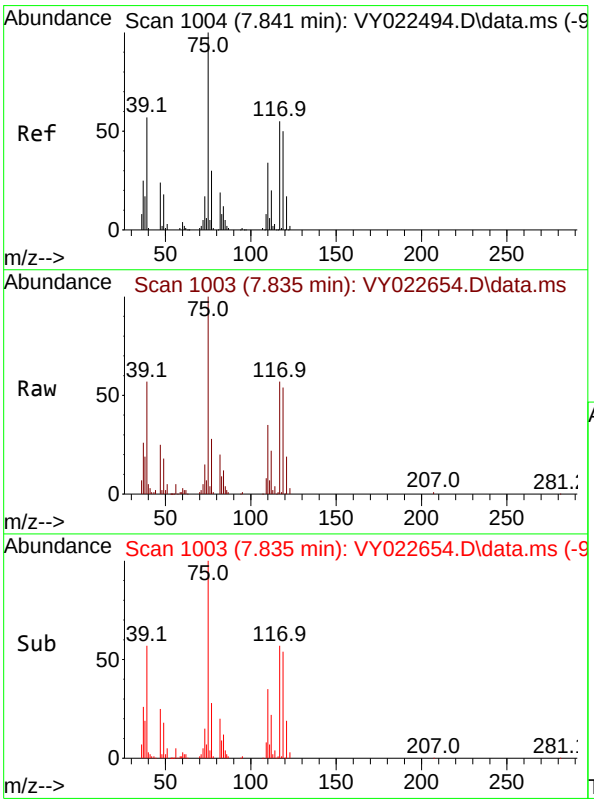
#35
Dibromofluoromethane
Concen: 53.345 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:113 Resp: 83823

Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.1	121.7
192	18.0	14.2	21.2

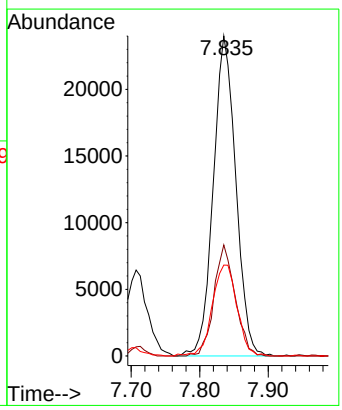


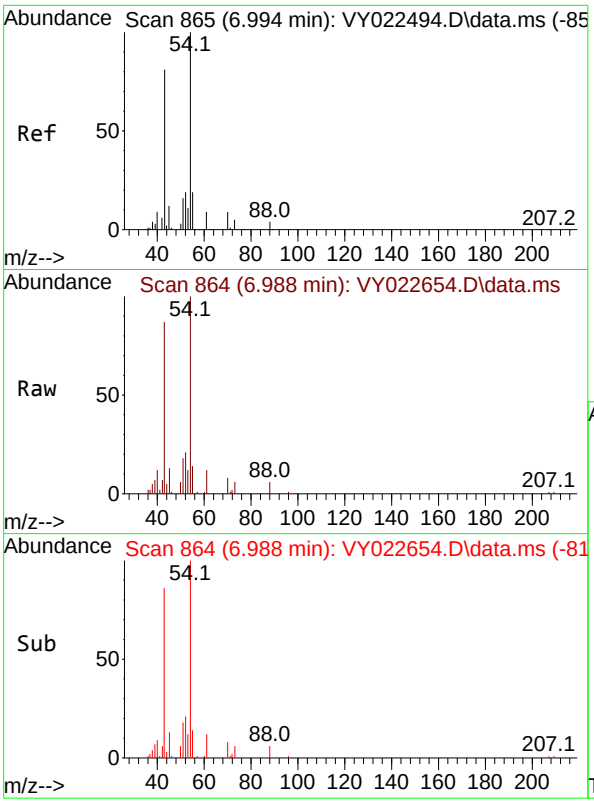


#36
1,1-Dichloropropene
Concen: 21.470 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 54754

Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.9	50.7
77	31.2	24.8	37.2



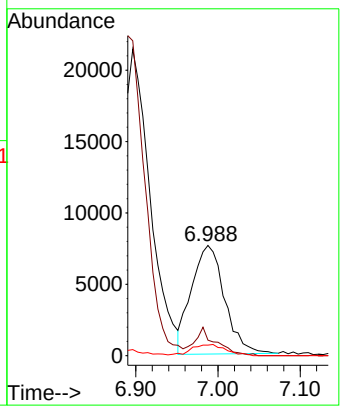


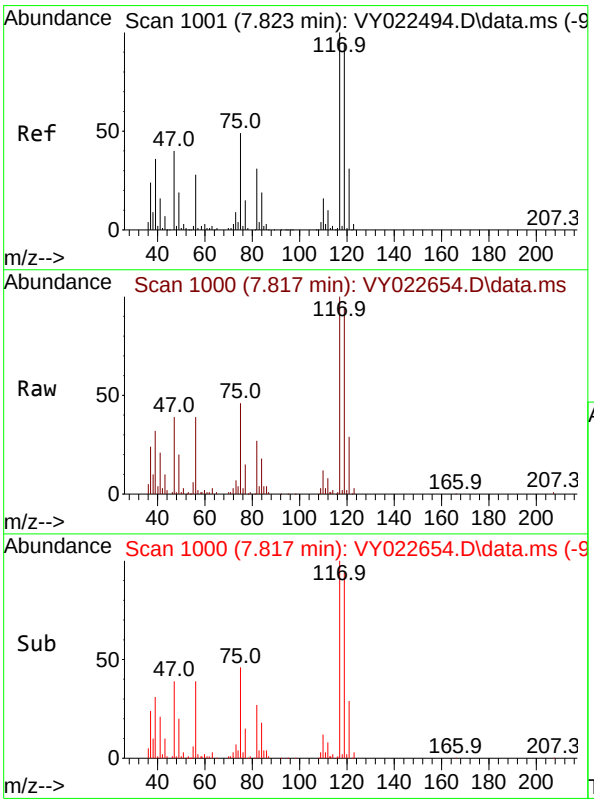
#37
Ethyl Acetate
Concen: 18.716 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 43 Resp: 21286

Ion	Ratio	Lower	Upper
43	100		
61	16.9	11.5	17.3
70	10.7	7.2	10.8

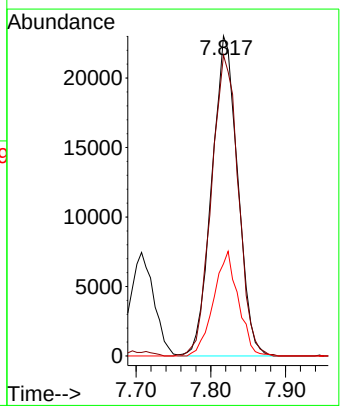


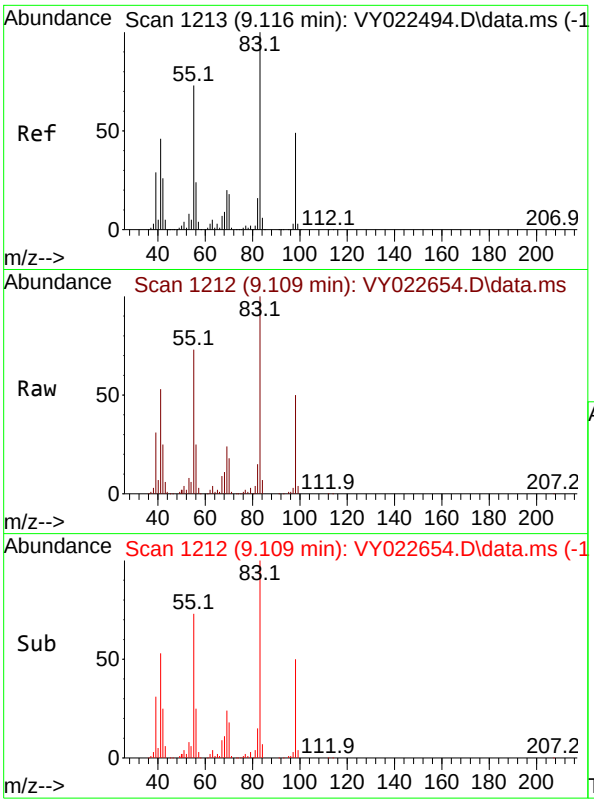


#38
Carbon Tetrachloride
Concen: 21.227 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:117 Resp: 55534

Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.0	112.6
121	28.8	25.0	37.4



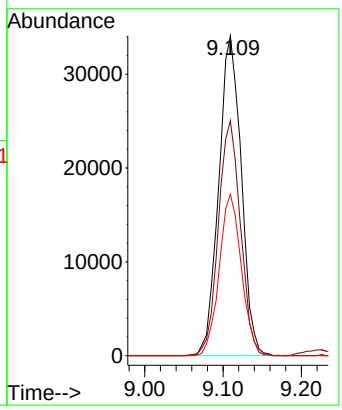


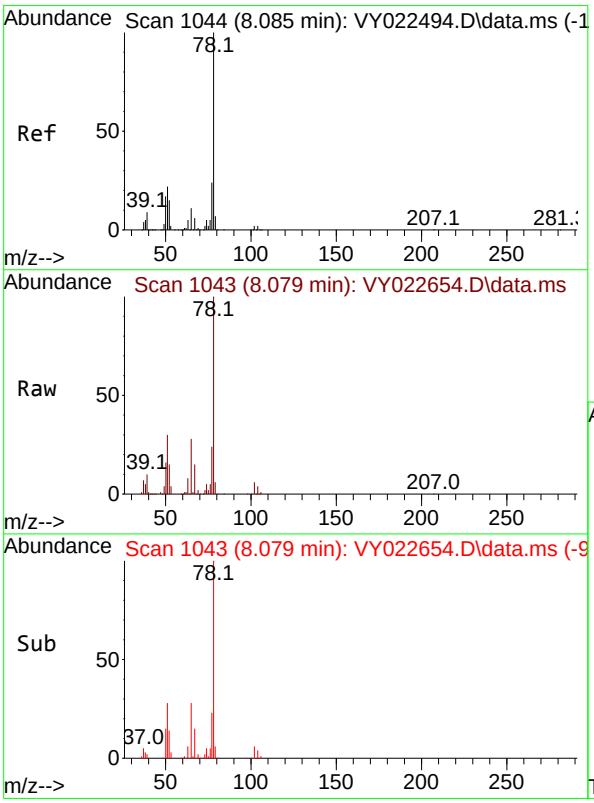
#39
Methylcyclohexane
Concen: 19.873 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 83 Resp: 68109

Ion	Ratio	Lower	Upper
83	100		
55	73.5	58.1	87.1
98	50.4	39.0	58.6

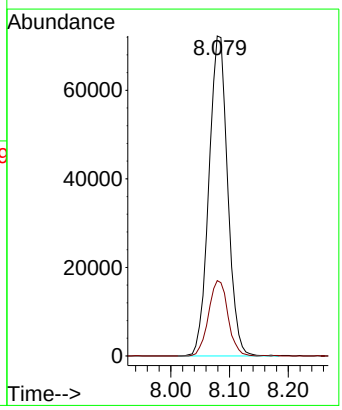


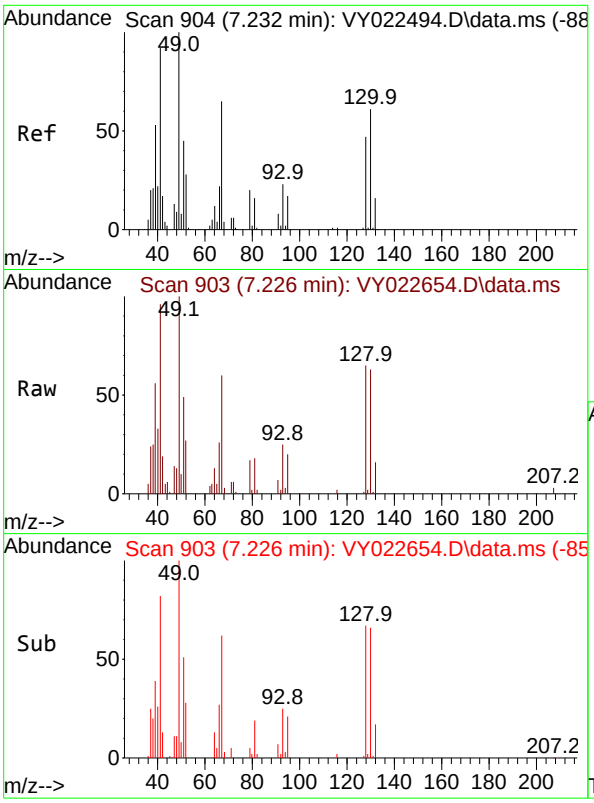


#40
Benzene
Concen: 21.236 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 78 Resp: 159964

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9



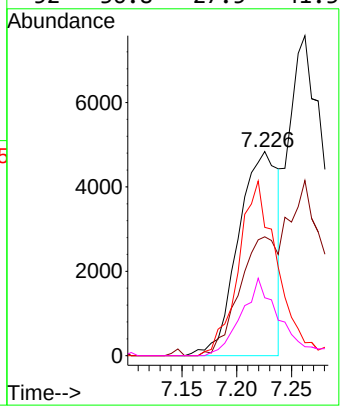


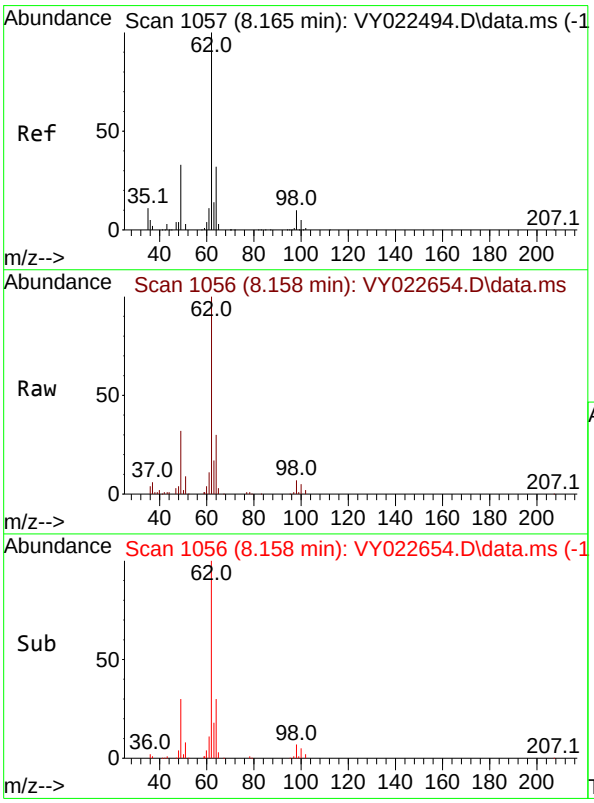
#41
Methacrylonitrile
Concen: 18.275 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 41 Resp: 12140

Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.6	69.8
67	84.8	63.3	94.9
52	36.8	27.5	41.3

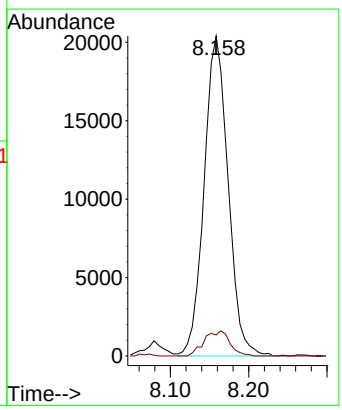


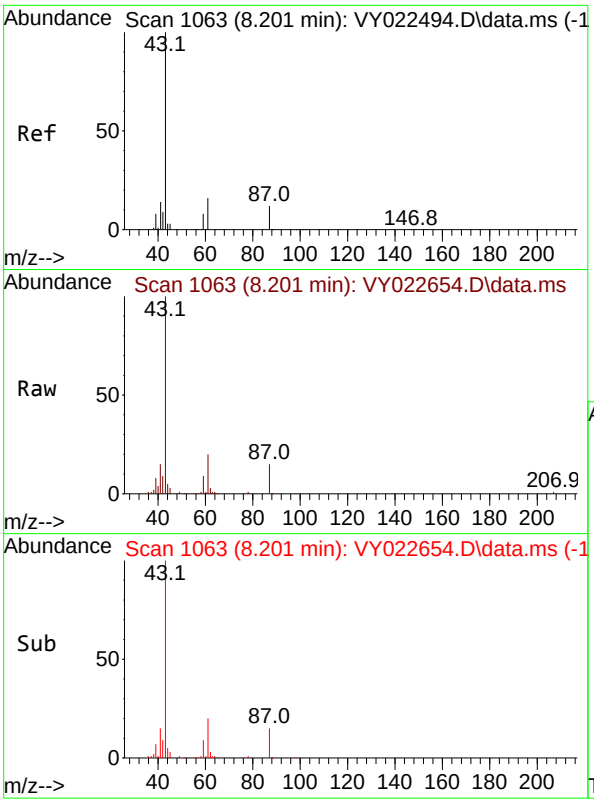


#42
1,2-Dichloroethane
Concen: 21.094 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 62 Resp: 43385

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	19.2



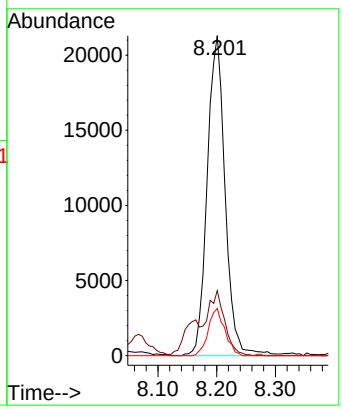


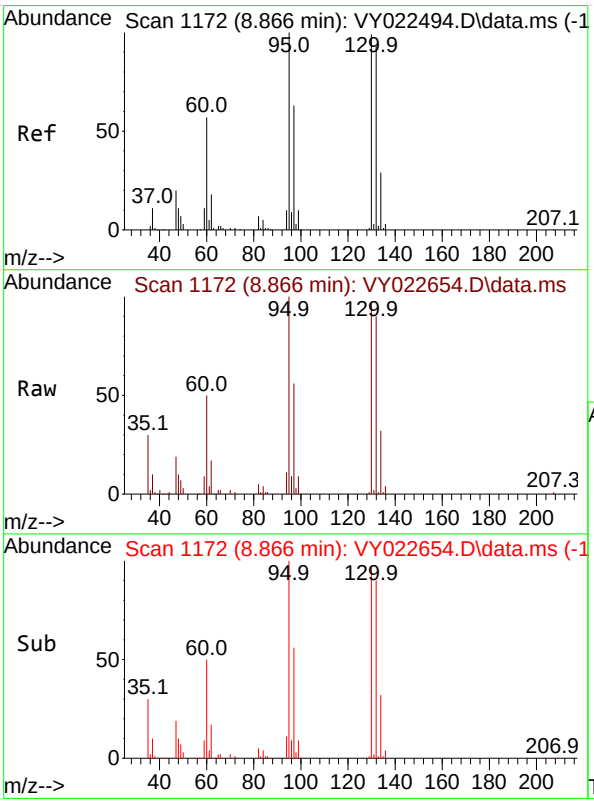
#43
Isopropyl Acetate
Concen: 18.355 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 43 Resp: 45086

Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.6	23.4
87	13.6	10.2	15.4

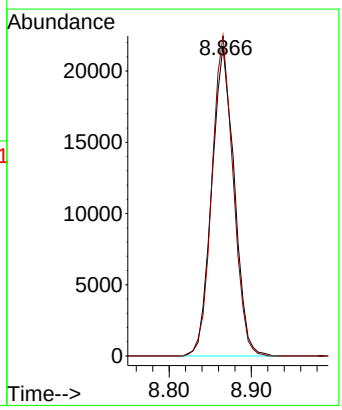


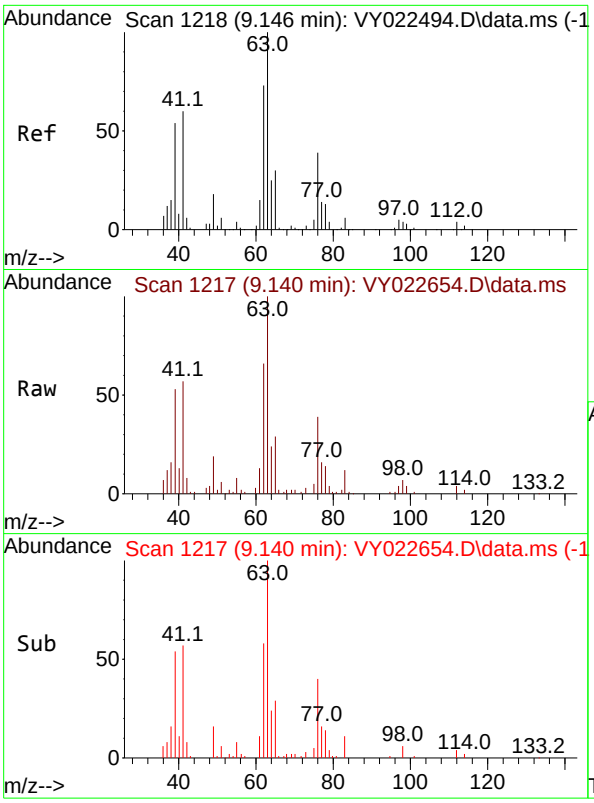


#44
Trichloroethene
Concen: 22.364 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:130 Resp: 41172

Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	203.0



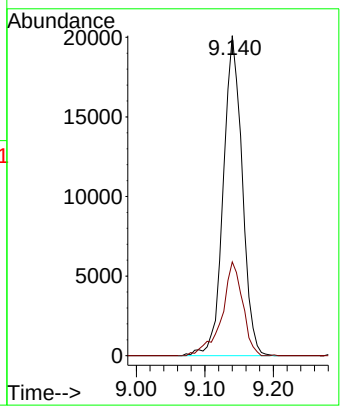


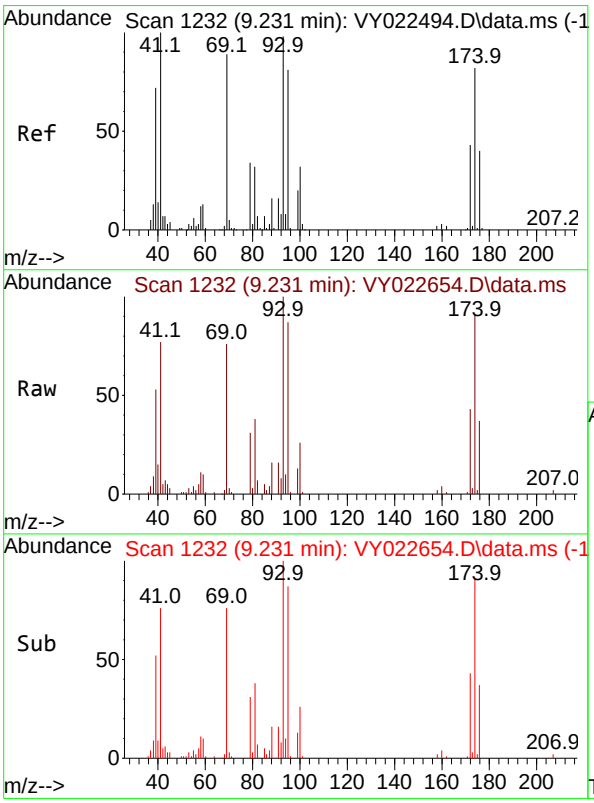
#45
1,2-Dichloropropane
Concen: 21.609 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 63 Resp: 38468

Ion	Ratio	Lower	Upper
63	100		
65	29.3	24.0	36.0

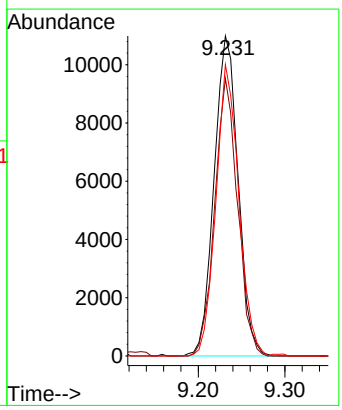


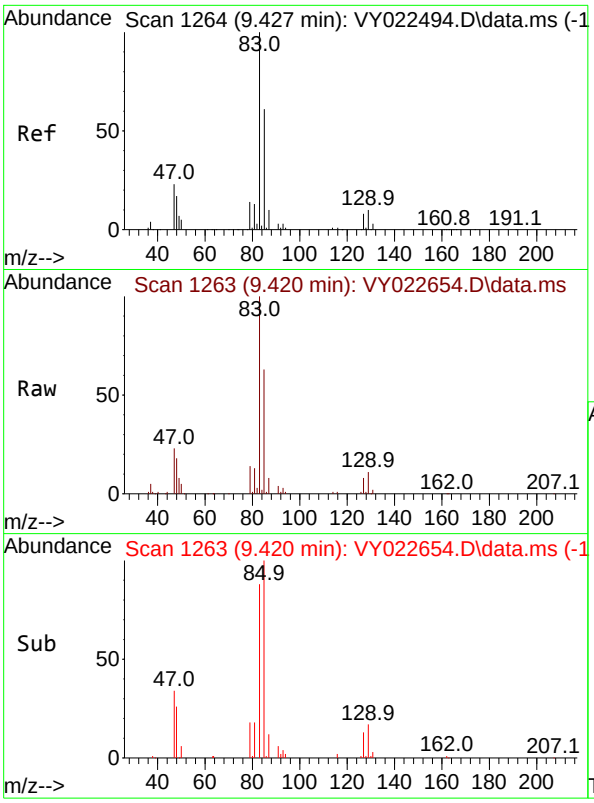


#46
Dibromomethane
Concen: 21.104 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 93 Resp: 21136

Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.6	98.4
174	86.7	70.4	105.6



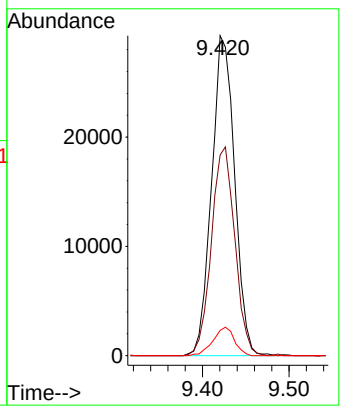


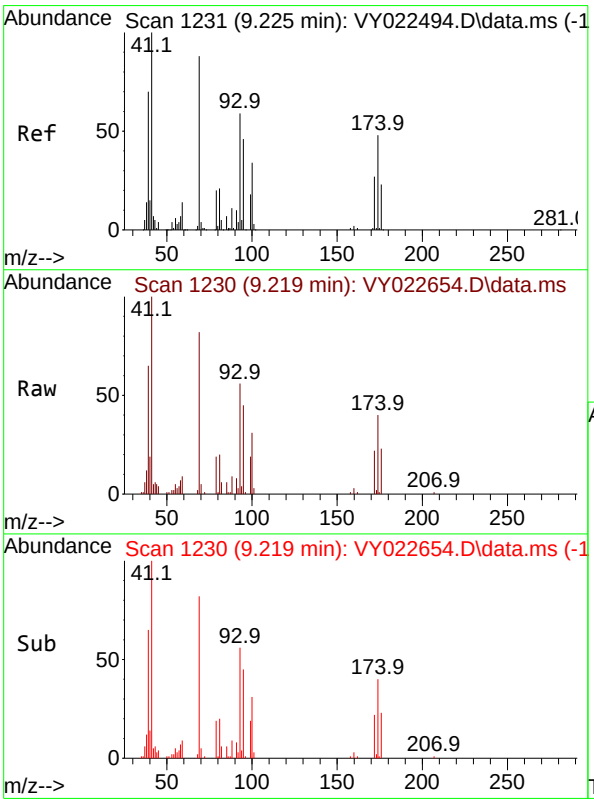
#47
Bromodichloromethane
Concen: 21.271 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 83 Resp: 54018

Ion	Ratio	Lower	Upper
83	100		
85	62.7	49.1	73.7
127	7.9	6.2	9.4

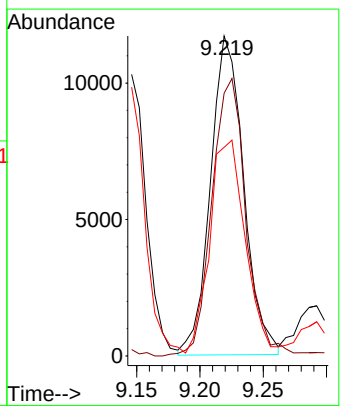


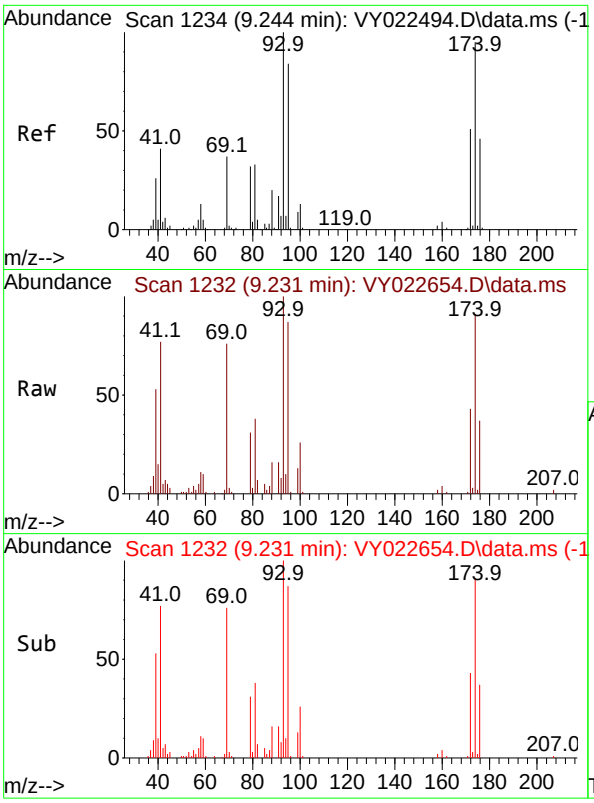


#48
Methyl methacrylate
Concen: 18.509 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 41 Resp: 21337

Ion	Ratio	Lower	Upper
41	100		
69	89.3	67.8	101.8
39	71.3	55.0	82.4



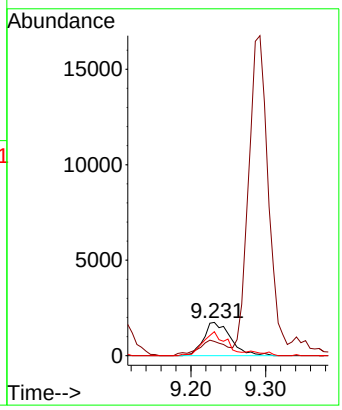


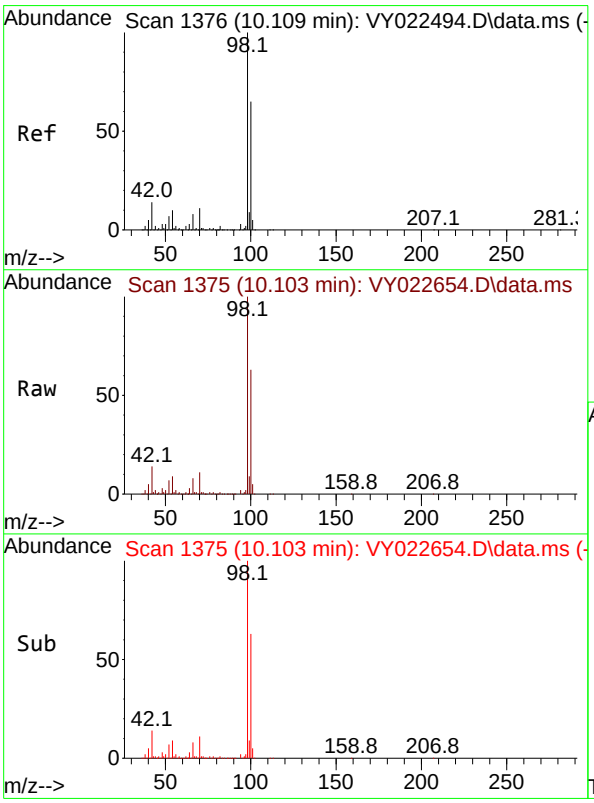
#49
1,4-Dioxane
Concen: 371.176 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 88 Resp: 4404

Ion	Ratio	Lower	Upper
88	100		
43	47.1	25.4	38.2#
58	61.6	54.9	82.3

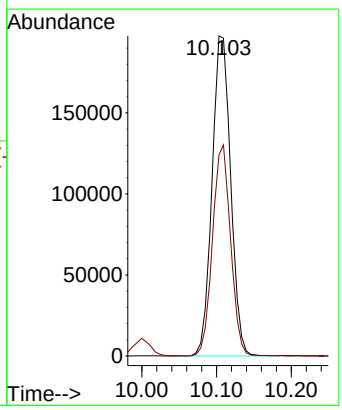


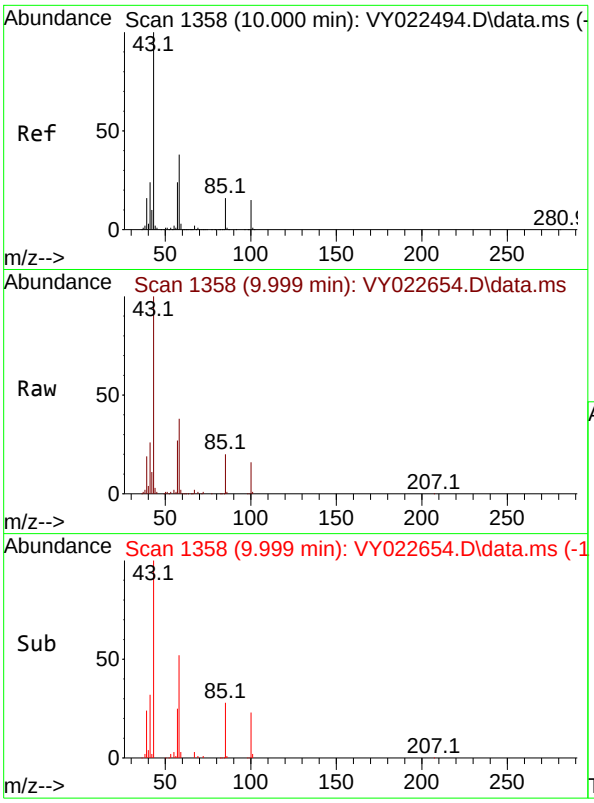


#50
Toluene-d8
Concen: 53.850 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 98 Resp: 341908

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0



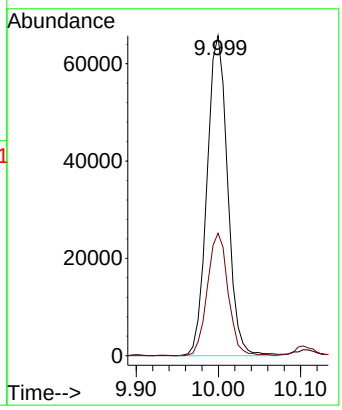


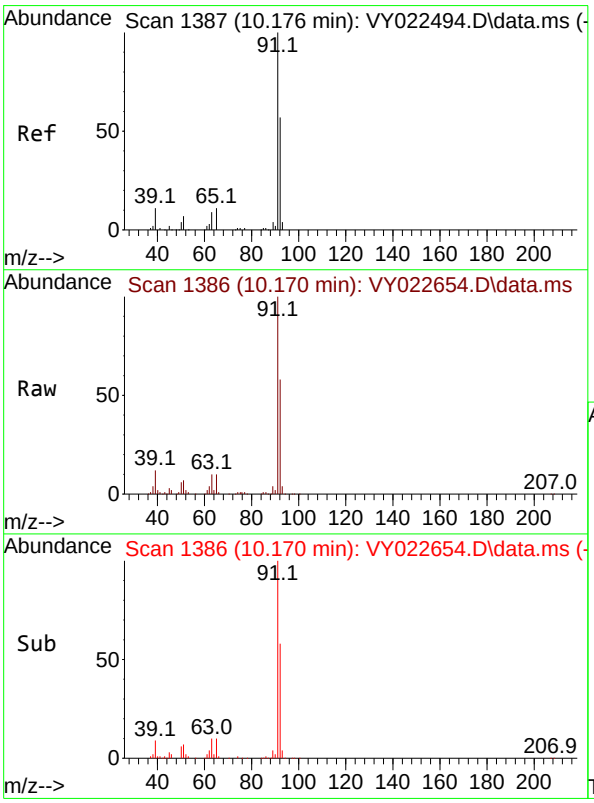
#51
4-Methyl-2-Pentanone
Concen: 93.372 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 43 Resp: 114346

Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.4	45.6

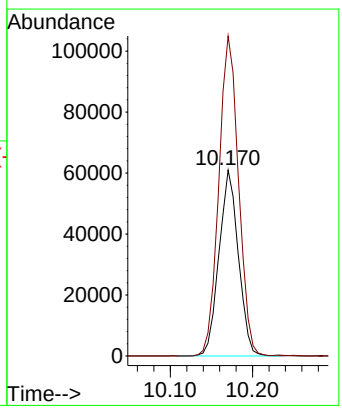


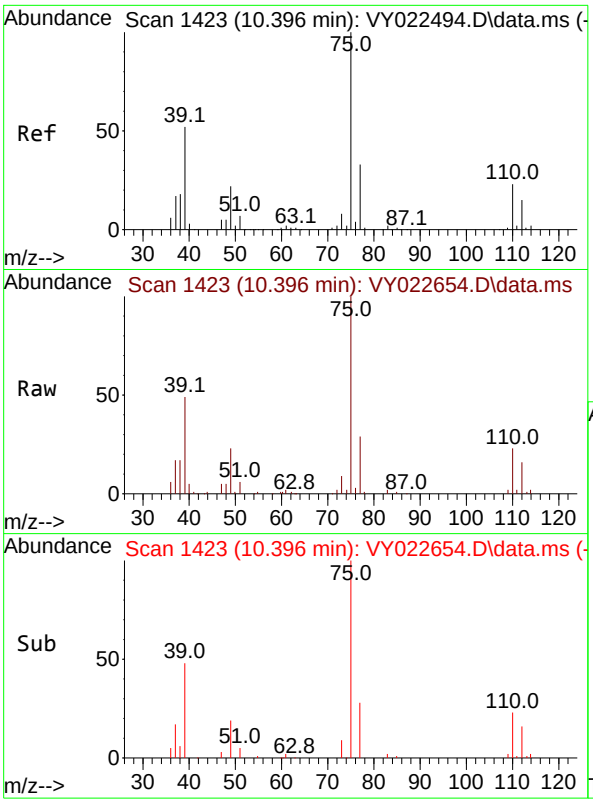


#52
Toluene
Concen: 21.067 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 92 Resp: 99726

Ion	Ratio	Lower	Upper
92	100		
91	175.3	139.0	208.4



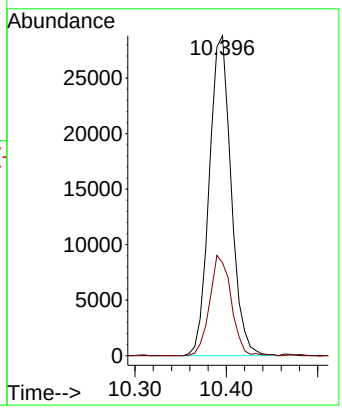


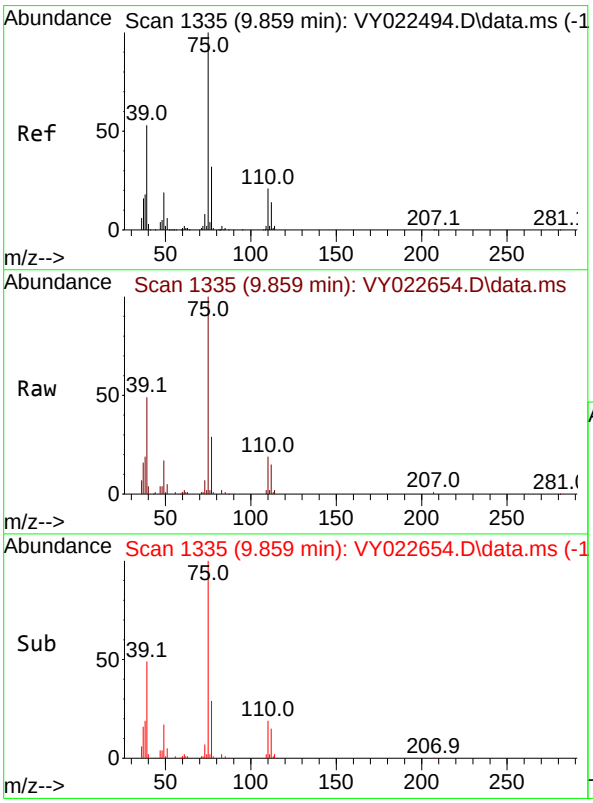
#53
t-1,3-Dichloropropene
Concen: 20.111 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 75 Resp: 47853

Ion	Ratio	Lower	Upper
75	100		
77	29.0	26.5	39.7

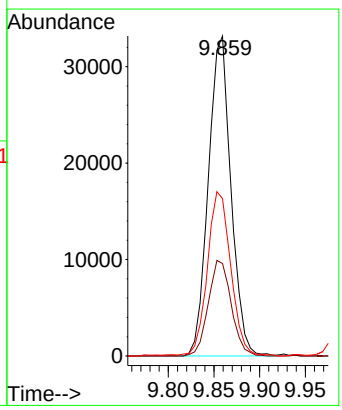


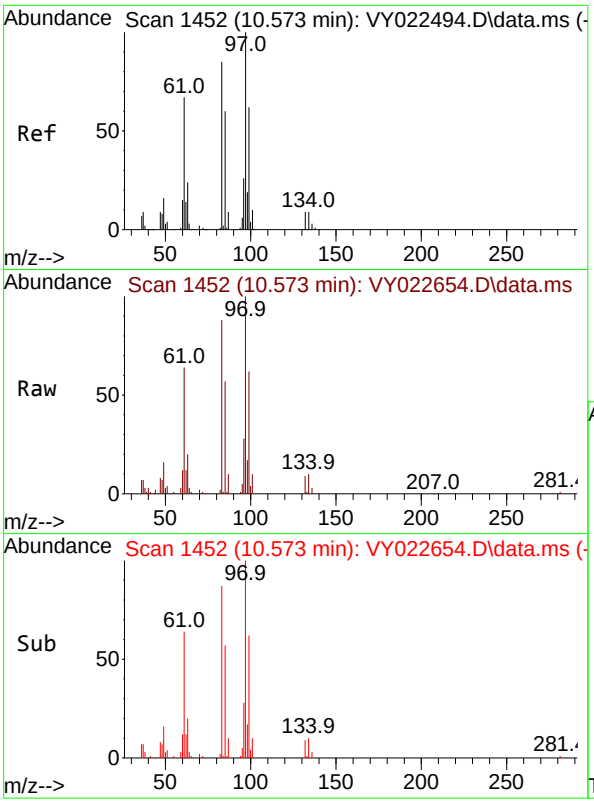


#54
cis-1,3-Dichloropropene
Concen: 20.571 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 56976

Ion	Ratio	Lower	Upper
75	100		
77	28.9	25.3	37.9
39	49.2	42.7	64.1



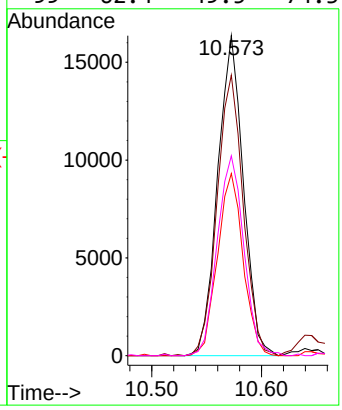


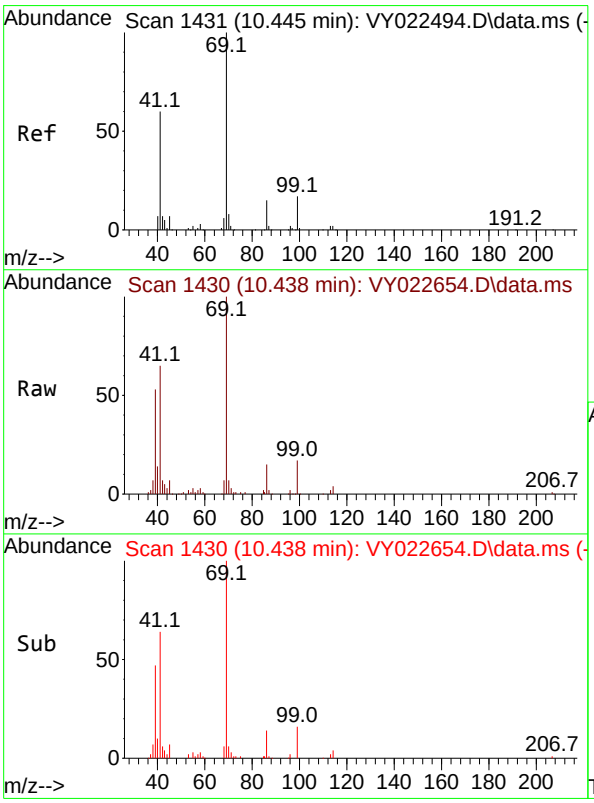
#55
1,1,2-Trichloroethane
Concen: 20.835 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 97 Resp: 26608

Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.1	102.1
85	56.9	48.2	72.2
99	62.4	49.5	74.3

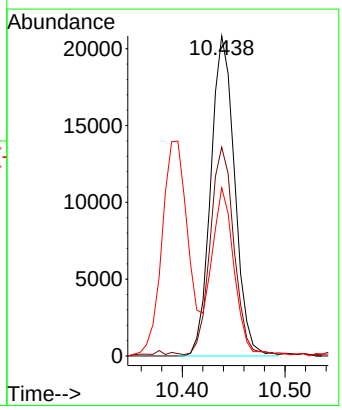


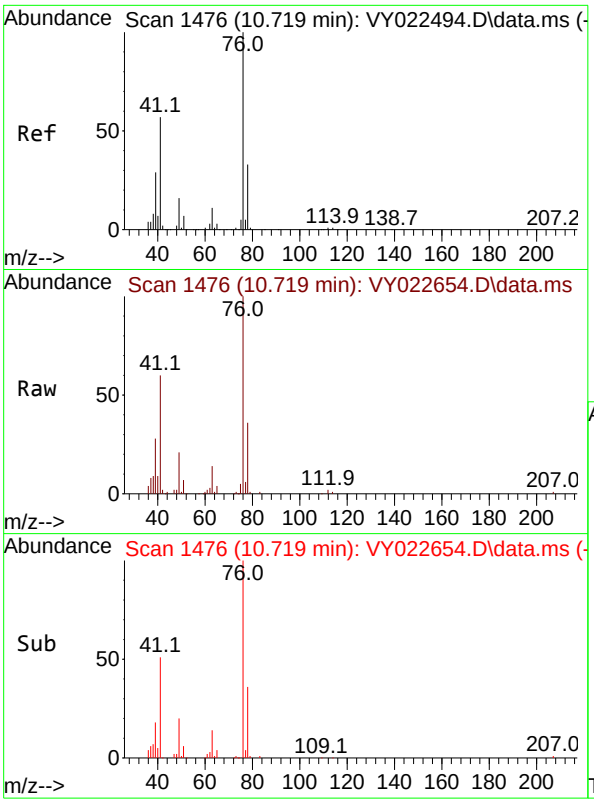


#56
Ethyl methacrylate
Concen: 18.248 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 69 Resp: 33681

Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.2	78.2
39	48.5	36.7	55.1



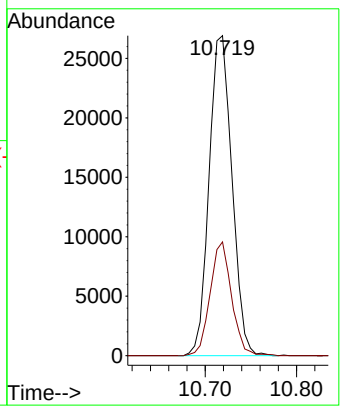


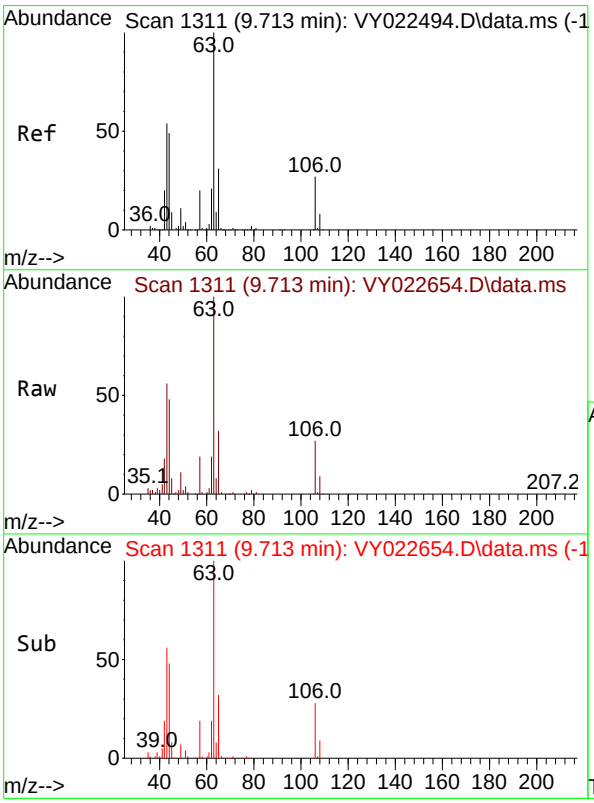
#57
1,3-Dichloropropane
Concen: 20.685 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 76 Resp: 46820

Ion	Ratio	Lower	Upper
76	100		
78	33.4	25.8	38.8

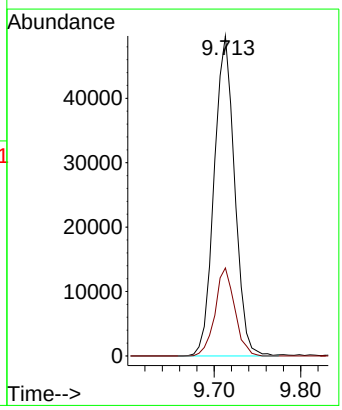


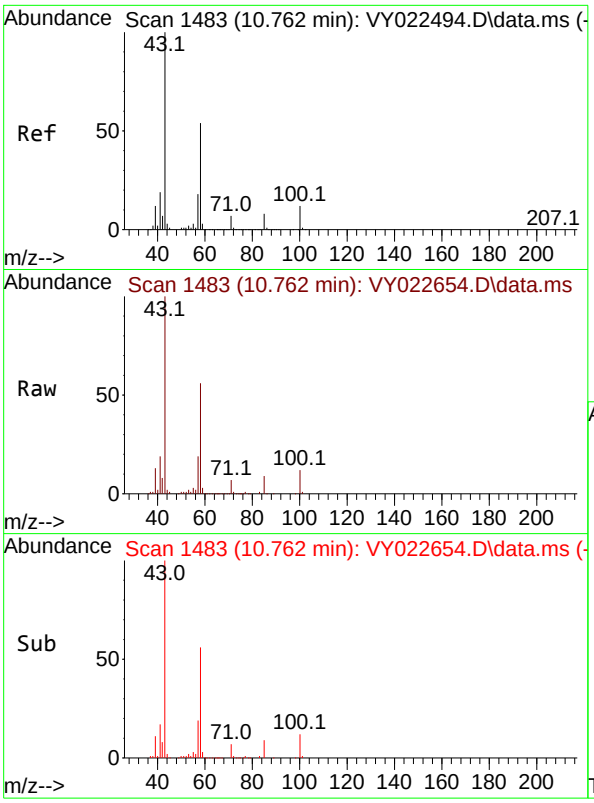


#58
2-Chloroethyl Vinyl ether
Concen: 97.509 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 63 Resp: 81714

Ion	Ratio	Lower	Upper
63	100		
106	26.3	21.6	32.4



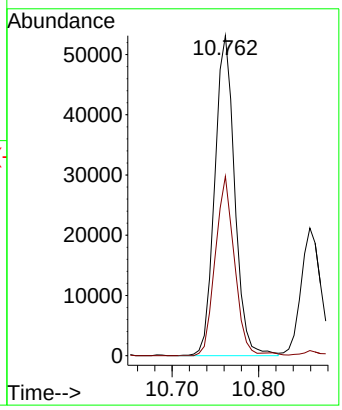


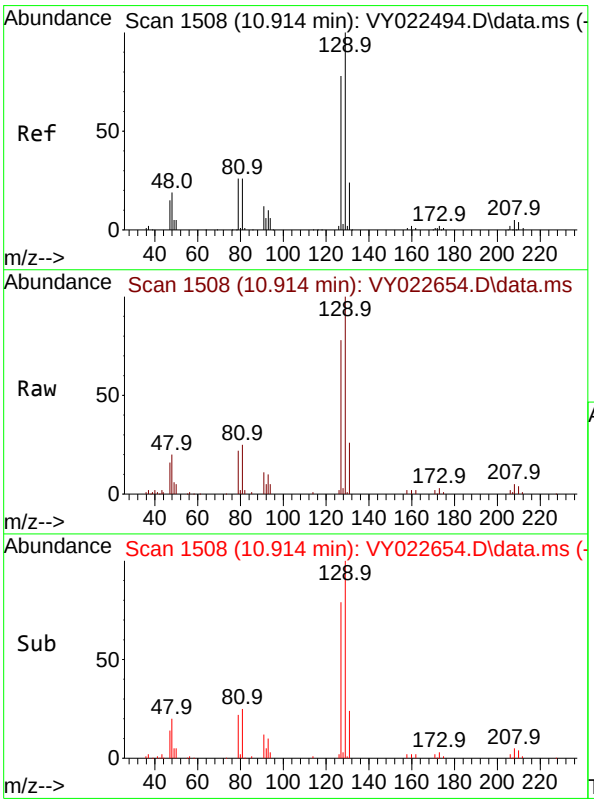
#59
2-Hexanone
Concen: 103.855 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 43 Resp: 85059

Ion	Ratio	Lower	Upper
43	100		
58	53.6	27.3	81.8

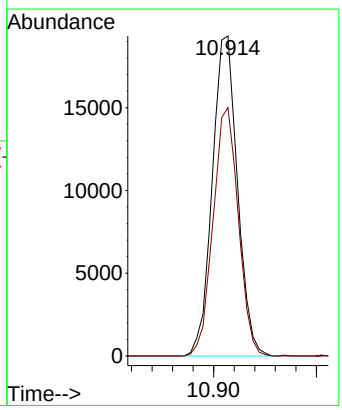


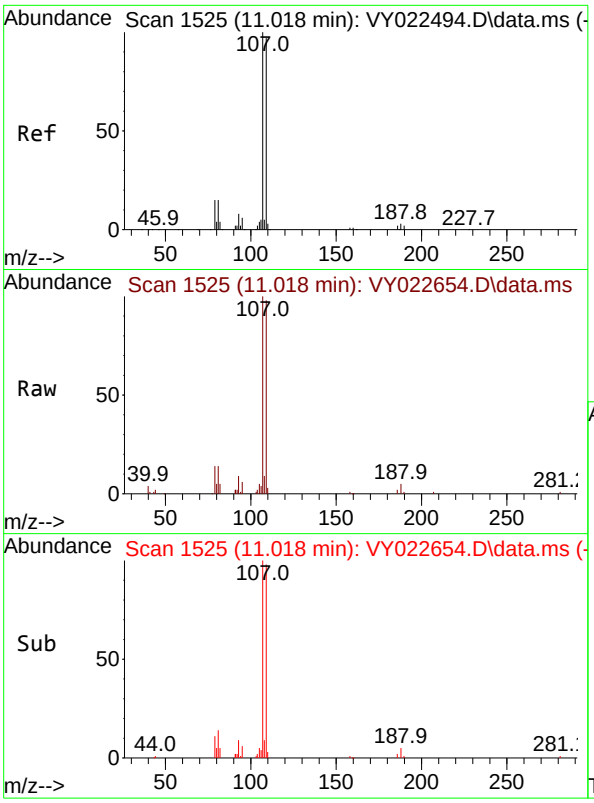


#60
Dibromochloromethane
Concen: 20.254 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:129 Resp: 32871

Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.1	117.2



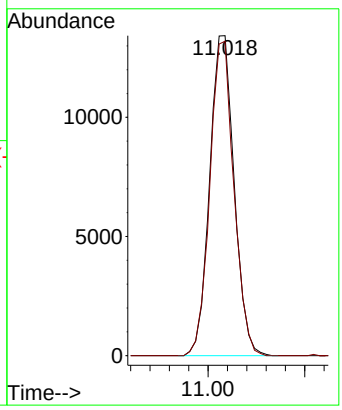


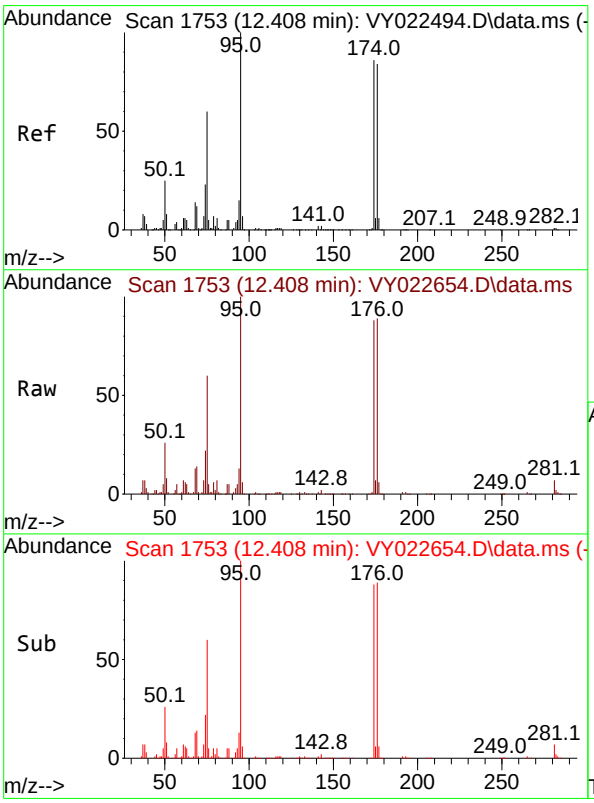
#61
1,2-Dibromoethane
Concen: 20.266 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:107 Resp: 23589

Ion	Ratio	Lower	Upper
107	100		
109	96.4	77.7	116.5

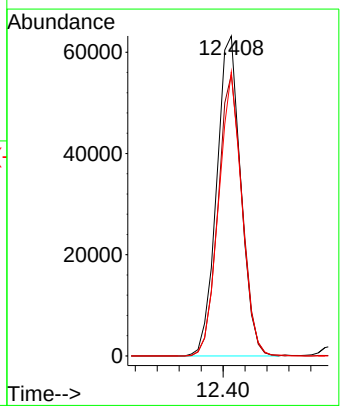


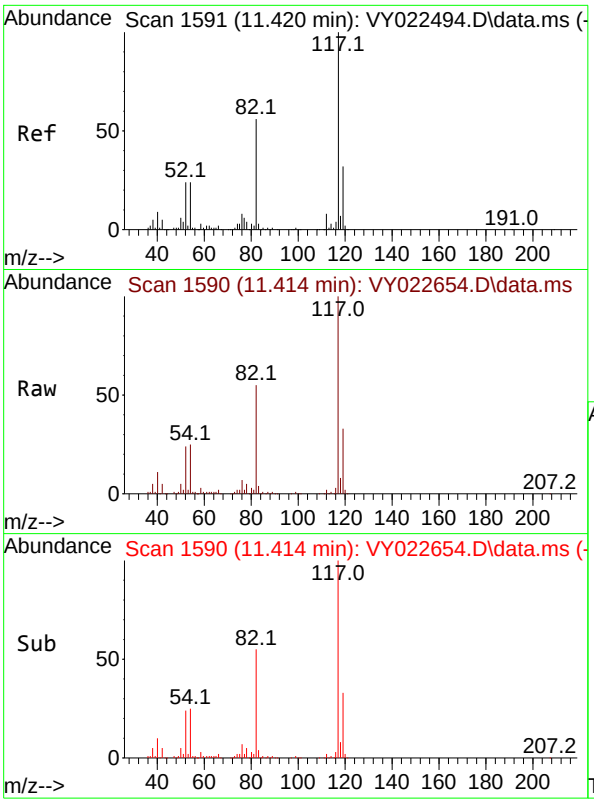


#62
4-Bromofluorobenzene
Concen: 51.128 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 95 Resp: 96721

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	170.0
176	85.0	0.0	166.2



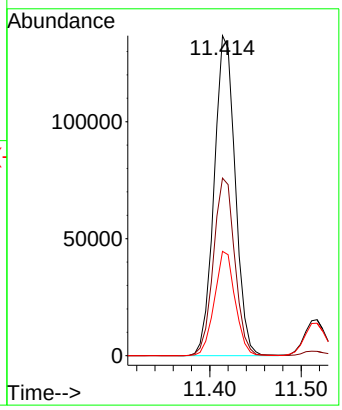


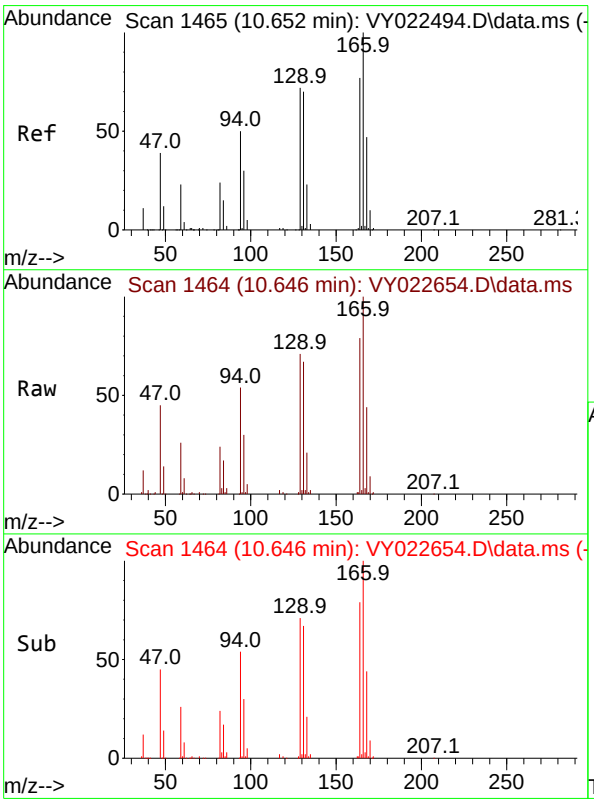
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:117 Resp: 218934

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.6	66.8
119	32.6	25.4	38.0

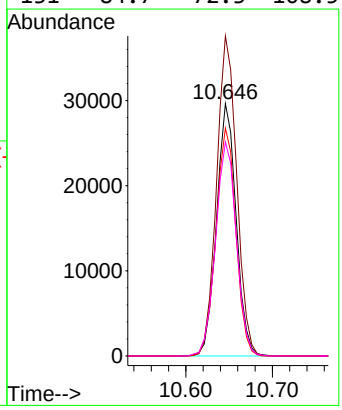


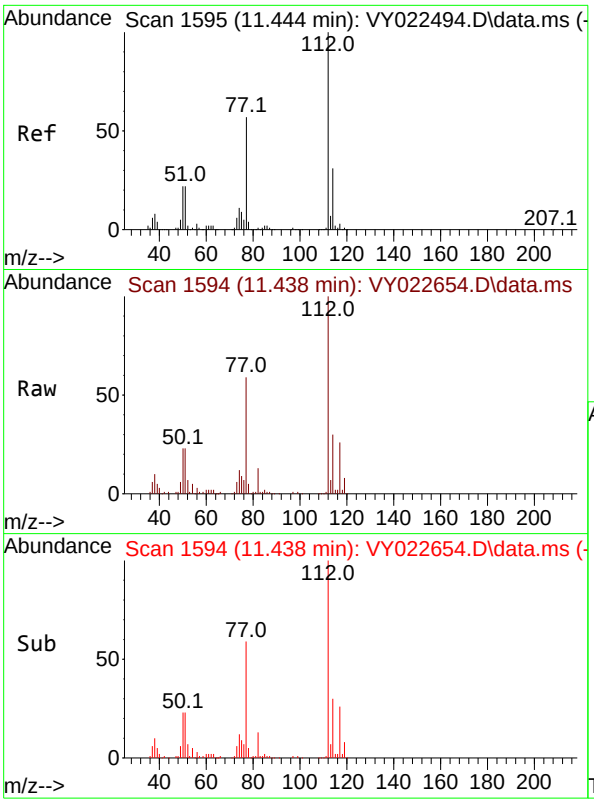


#64
Tetrachloroethene
Concen: 24.806 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:164 Resp: 46718

Ion	Ratio	Lower	Upper
164	100		
166	126.8	104.0	156.0
129	90.3	74.5	111.7
131	84.7	72.3	108.5



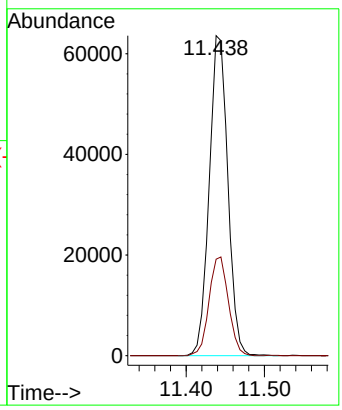


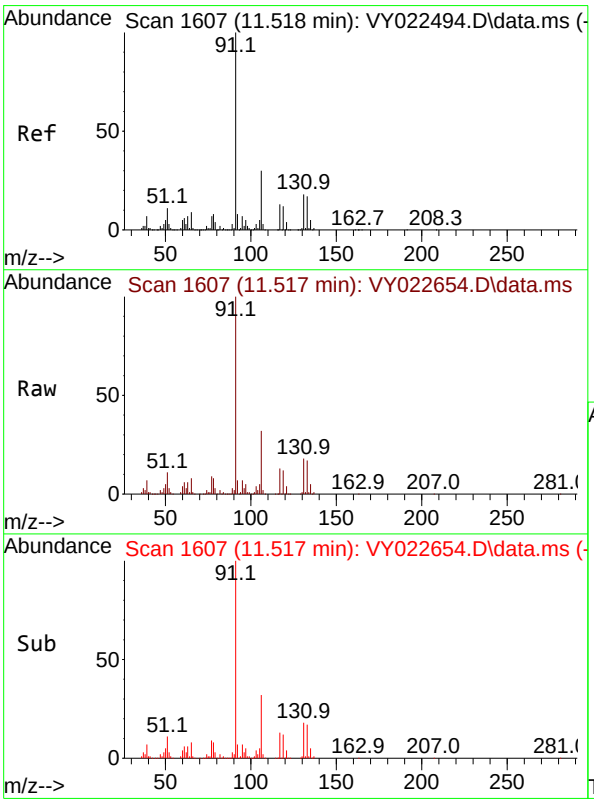
#65
Chlorobenzene
Concen: 21.604 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:112 Resp: 104666

Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.0	37.6

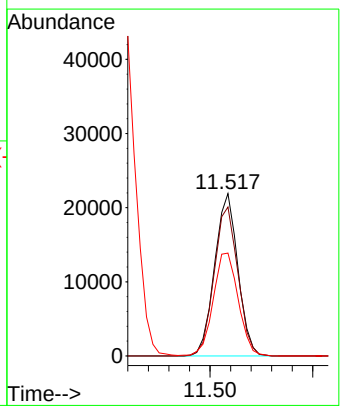


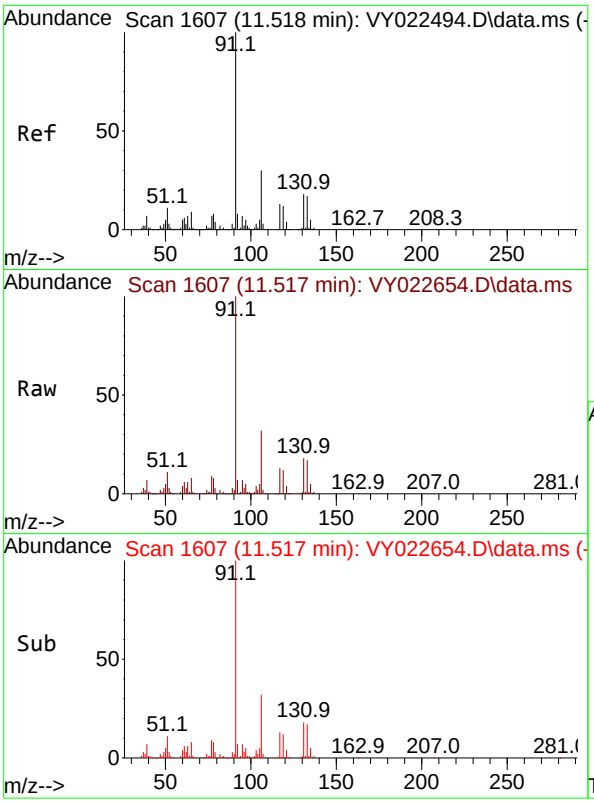


#66
1,1,1,2-Tetrachloroethane
Concen: 21.042 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:131 Resp: 34342

Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.3	141.8
119	68.3	33.1	99.3



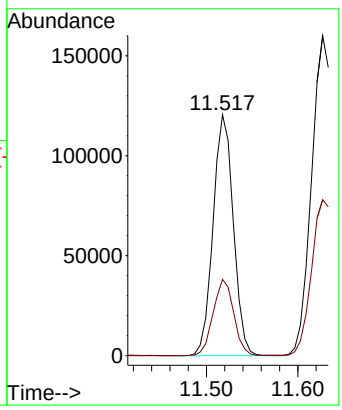


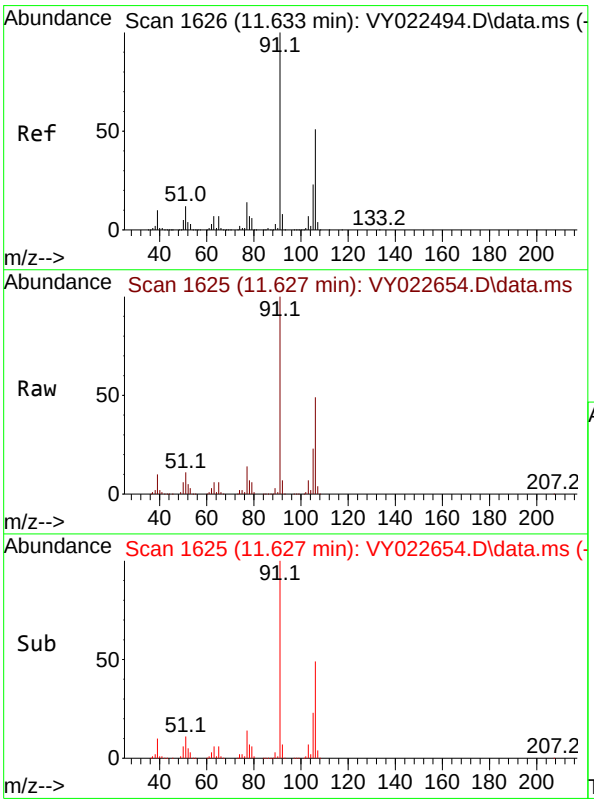
#67
Ethyl Benzene
Concen: 20.670 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 91 Resp: 185737

Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.2	36.4

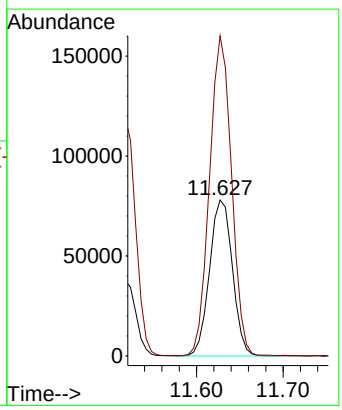


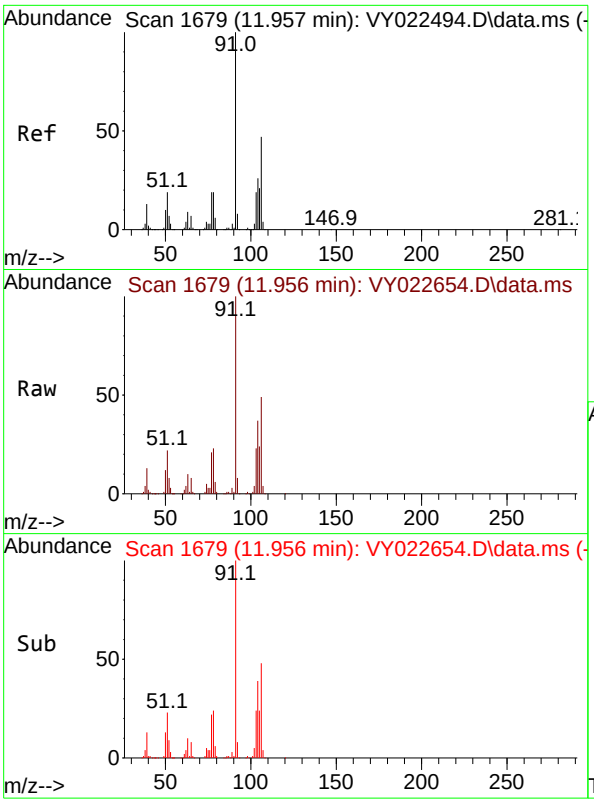


#68
m/p-Xylenes
Concen: 42.072 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:106 Resp: 143316

Ion	Ratio	Lower	Upper
106	100		
91	196.9	159.4	239.0



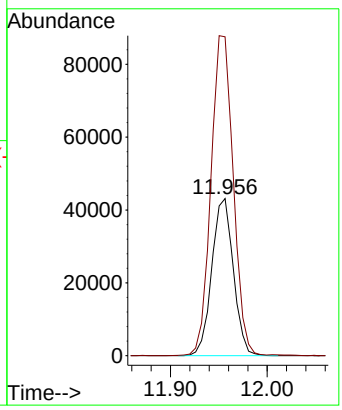


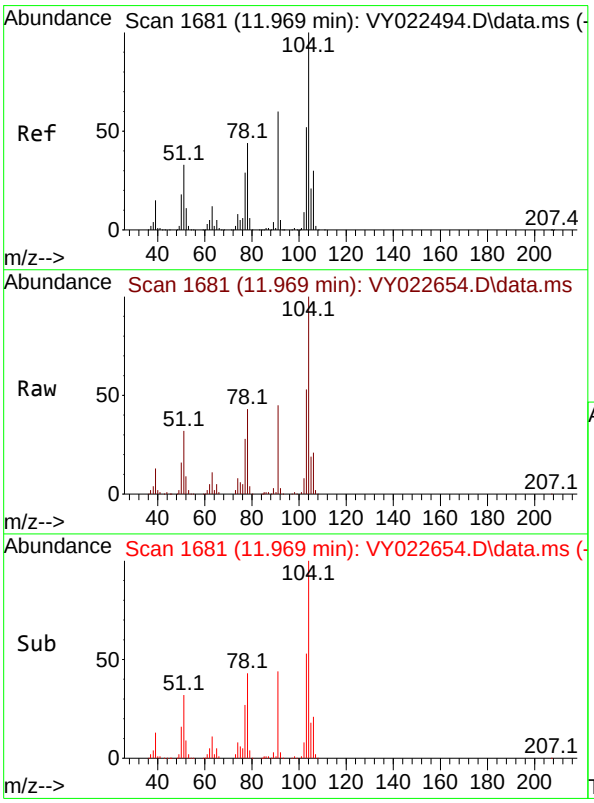
#69
o-Xylene
Concen: 20.891 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:106 Resp: 66721

Ion	Ratio	Lower	Upper
106	100		
91	211.5	105.8	317.3

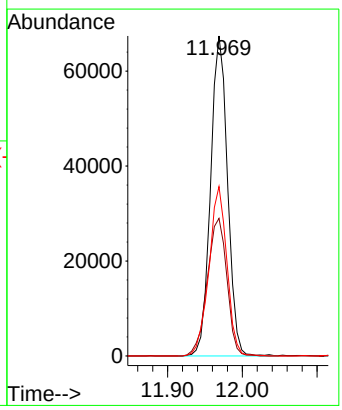


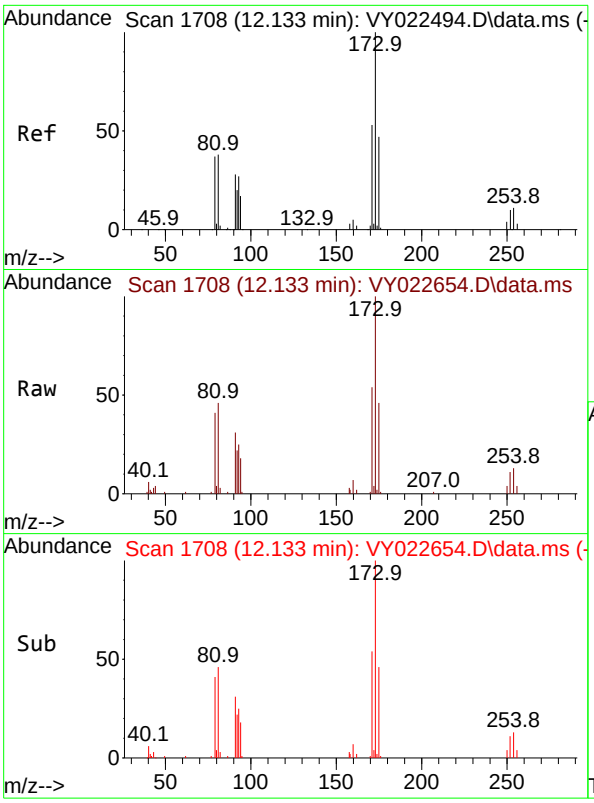


#70
Styrene
Concen: 20.241 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:104 Resp: 106861

Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.5	59.3
103	55.8	44.1	66.1



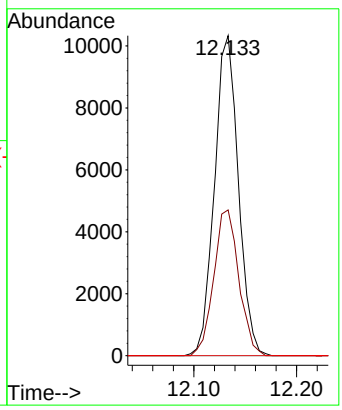


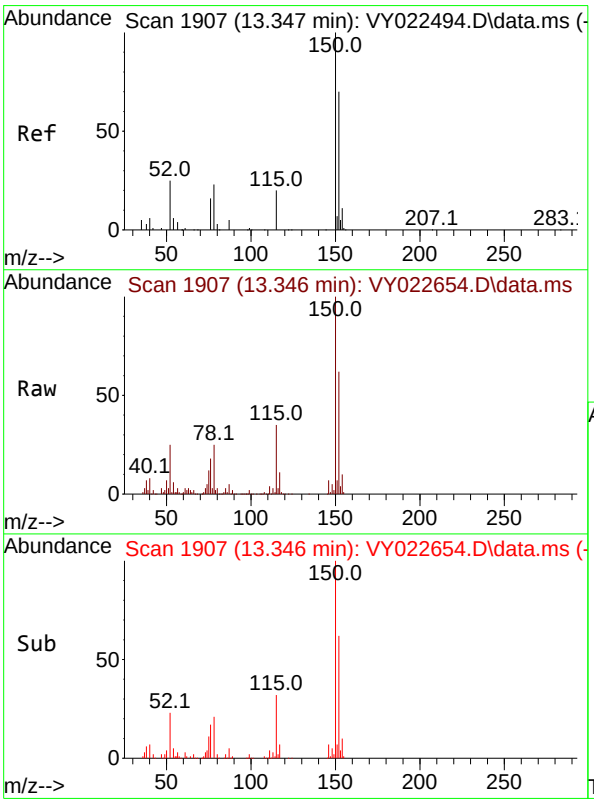
#71
Bromoform
Concen: 19.160 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:173 Resp: 16640

Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.8	71.5
254	0.0	0.0	0.0

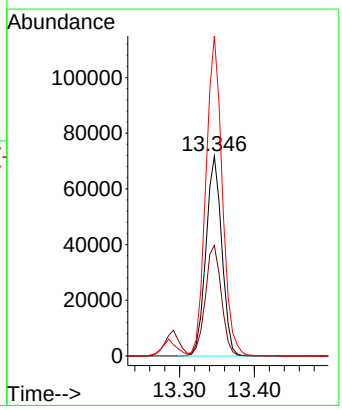


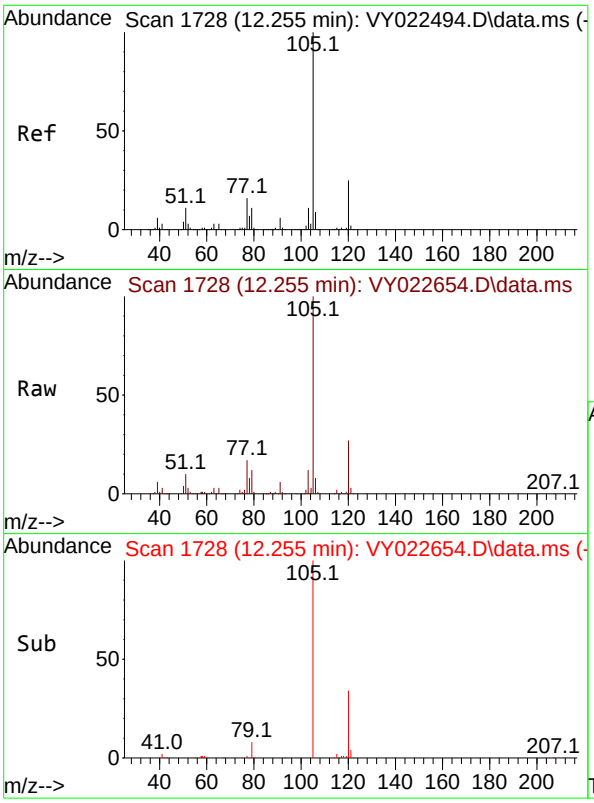


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:152 Resp: 105447

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.9	86.7
150	165.5	0.0	349.6



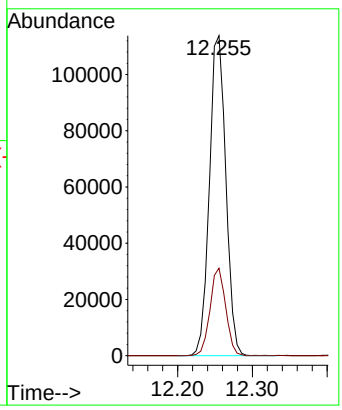


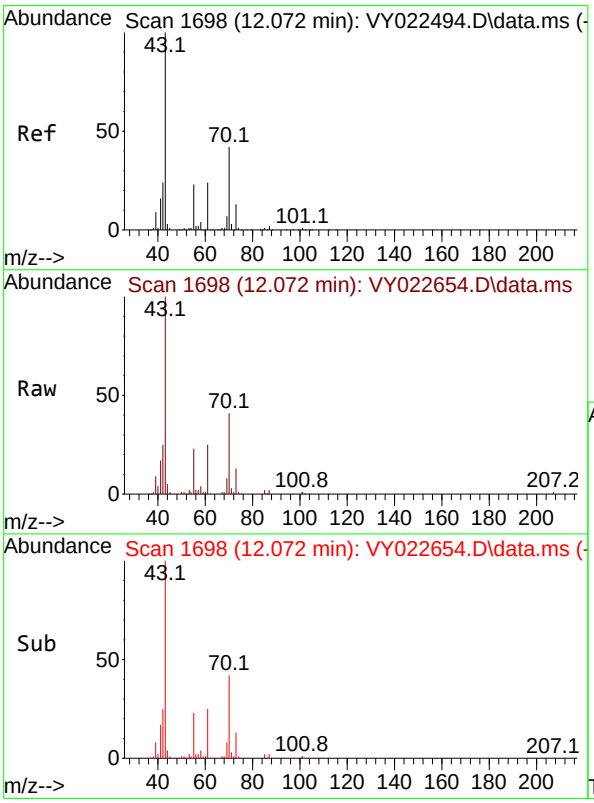
#73
Isopropylbenzene
Concen: 20.133 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:105 Resp: 174297

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9

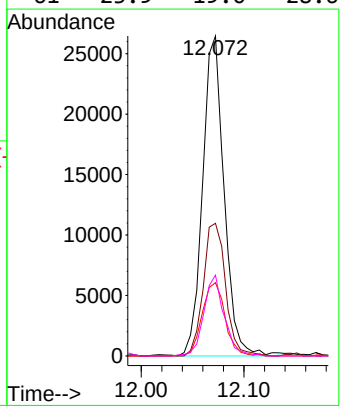


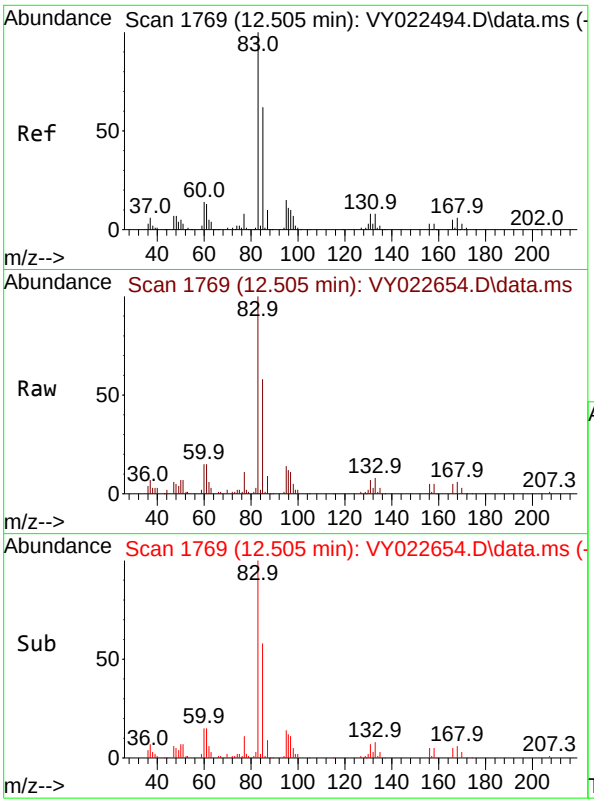


#74
N-amyl acetate
Concen: 17.646 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 38545

Ion	Ratio	Lower	Upper
43	100		
70	42.9	34.2	51.2
55	24.5	18.2	27.4
61	23.9	19.0	28.6



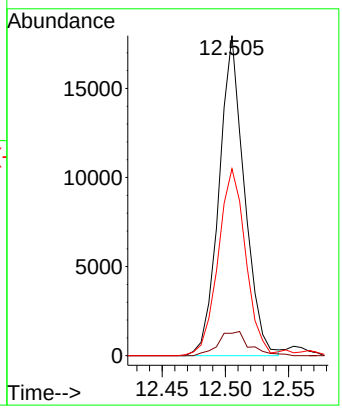


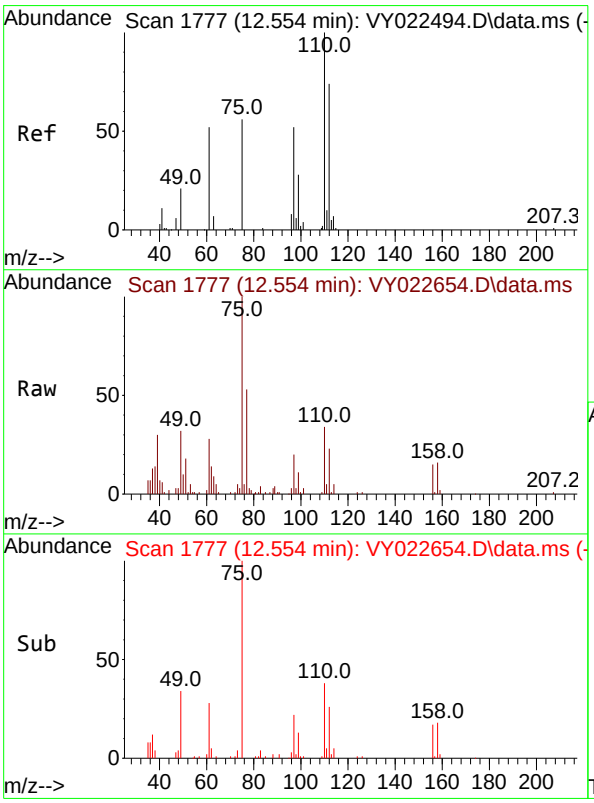
#75
1,1,2,2-Tetrachloroethane
Concen: 17.597 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 83 Resp: 25003

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	63.6	32.6	97.8

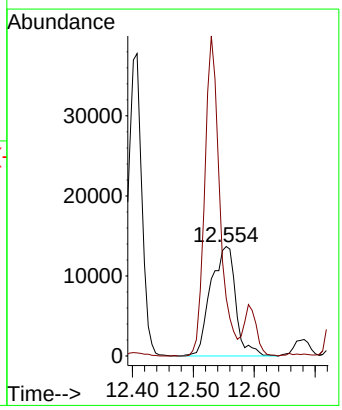


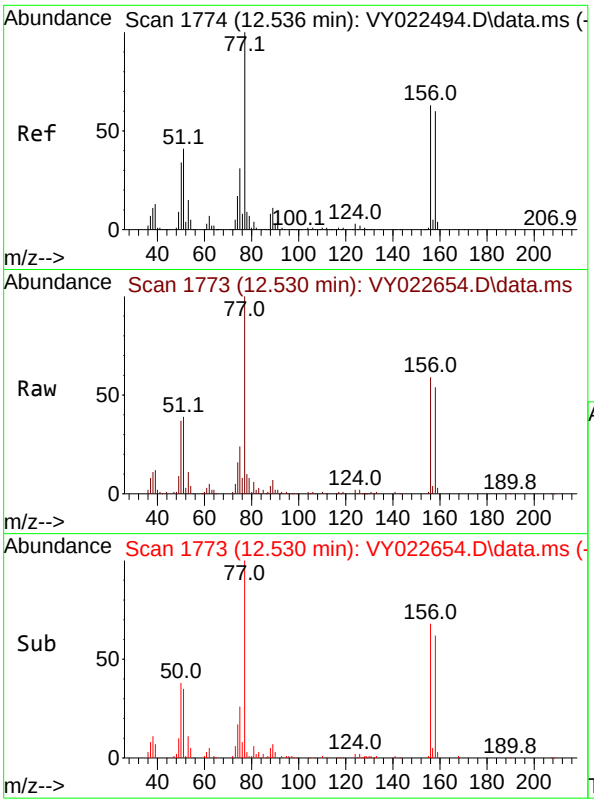


#76
1,2,3-Trichloropropane
Concen: 32.277 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 38937

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



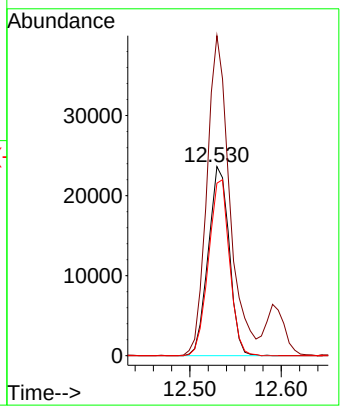


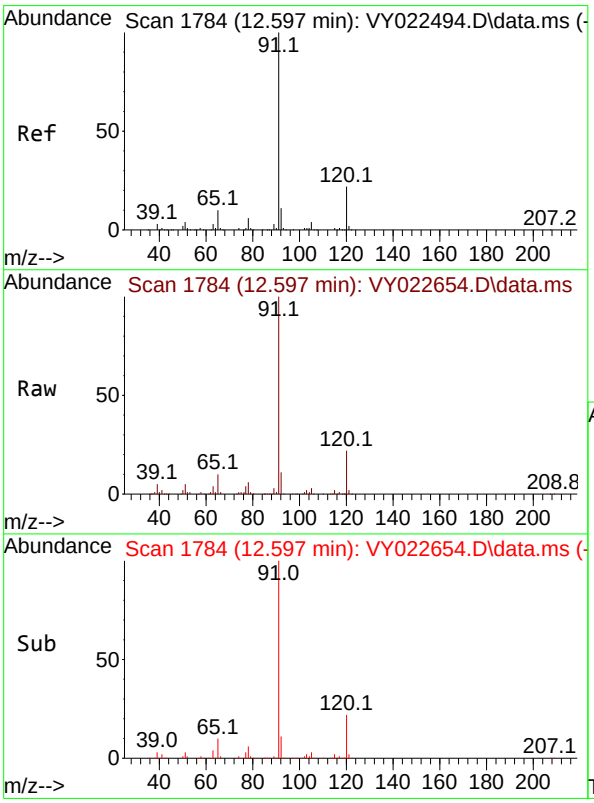
#77
Bromobenzene
Concen: 20.583 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:156 Resp: 37602

Ion	Ratio	Lower	Upper
156	100		
77	183.3	94.0	282.1
158	93.2	48.2	144.6

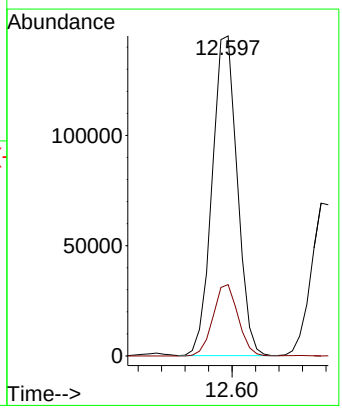


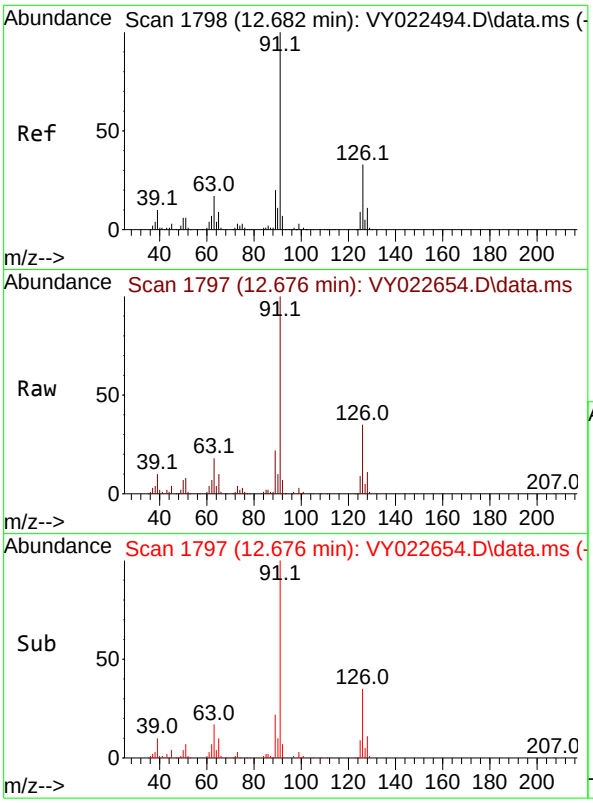


#78
n-propylbenzene
Concen: 20.369 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 91 Resp: 215383

Ion	Ratio	Lower	Upper
91	100		
120	22.3	10.8	32.4



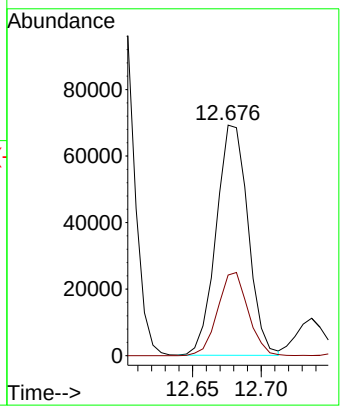


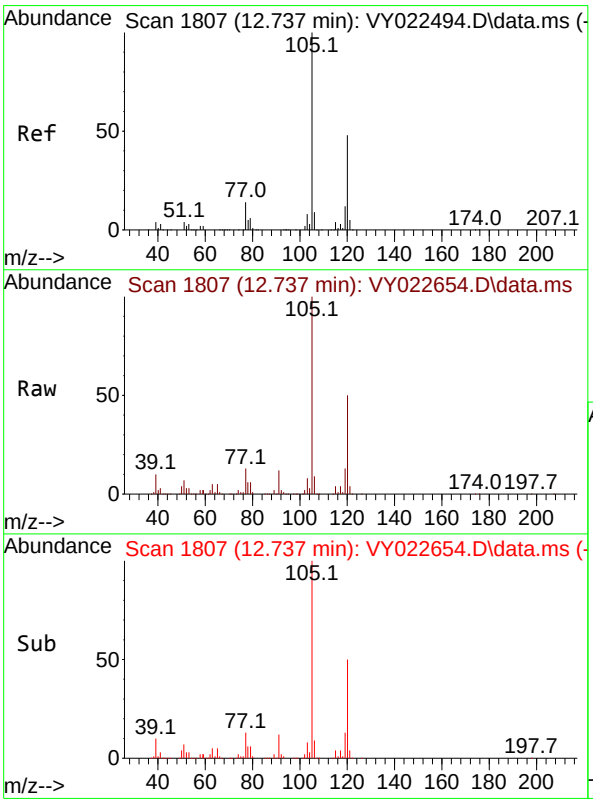
#79
2-Chlorotoluene
Concen: 20.007 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 91 Resp: 112124

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	51.0

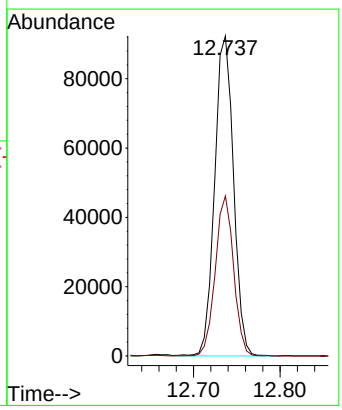


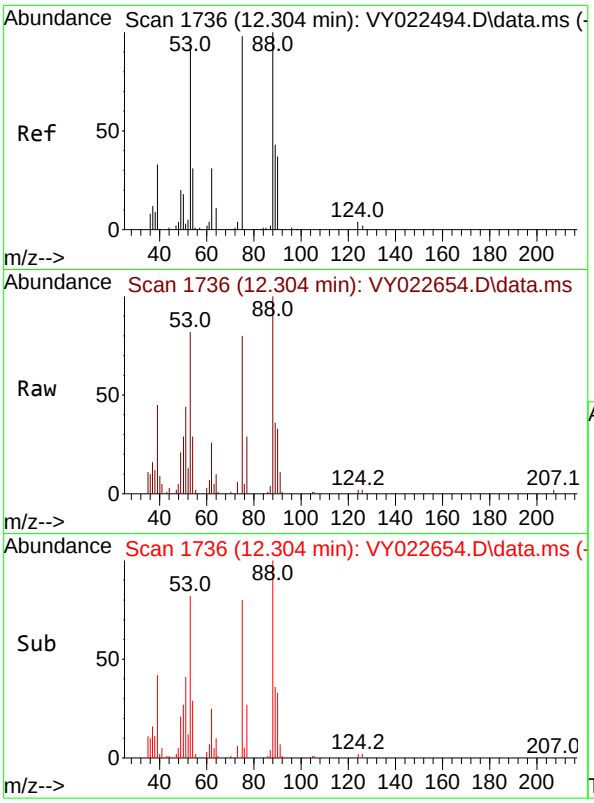


#80
1,3,5-Trimethylbenzene
Concen: 20.548 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:105 Resp: 139655

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.1	72.4



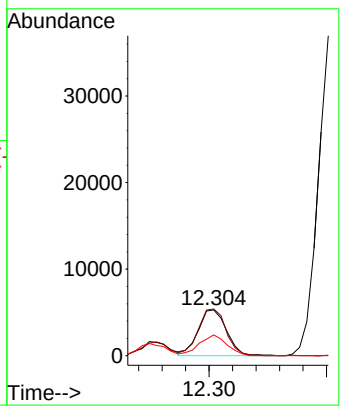


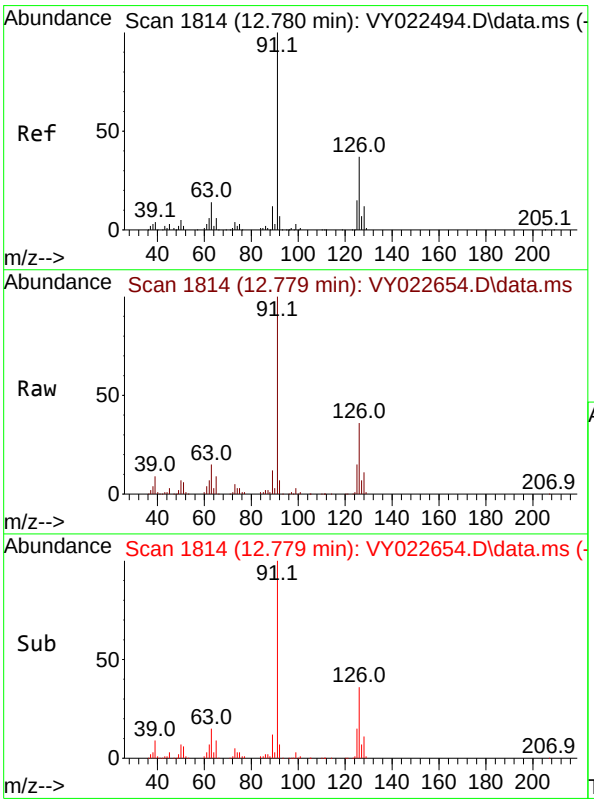
#81
trans-1,4-Dichloro-2-butene
Concen: 17.758 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 75 Resp: 8871

Ion	Ratio	Lower	Upper
75	100		
53	100.1	78.5	117.7
89	43.9	35.7	53.5

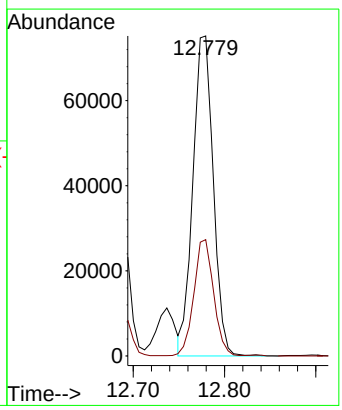


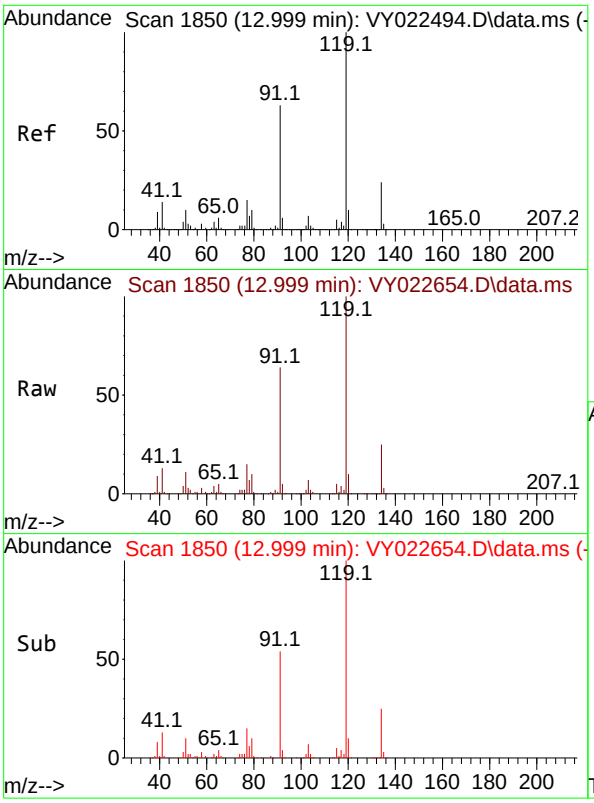


#82
4-Chlorotoluene
Concen: 20.166 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 91 Resp: 116584

Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.0	50.9



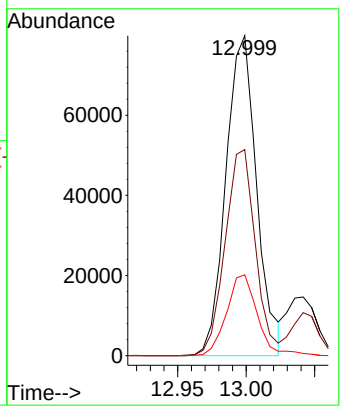


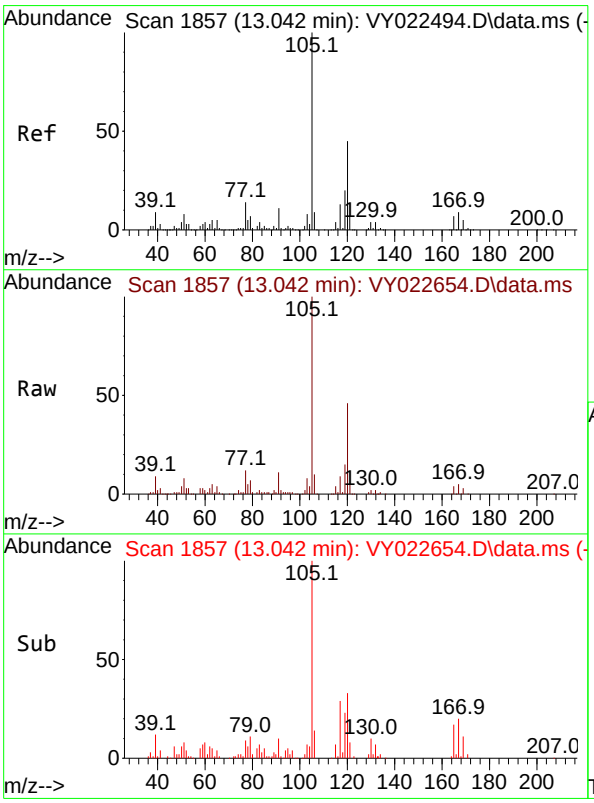
#83
tert-Butylbenzene
Concen: 20.490 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:119 Resp: 124991

Ion	Ratio	Lower	Upper
119	100		
91	63.4	32.1	96.3
134	25.4	13.0	38.9

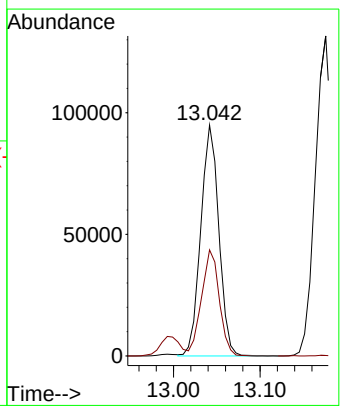


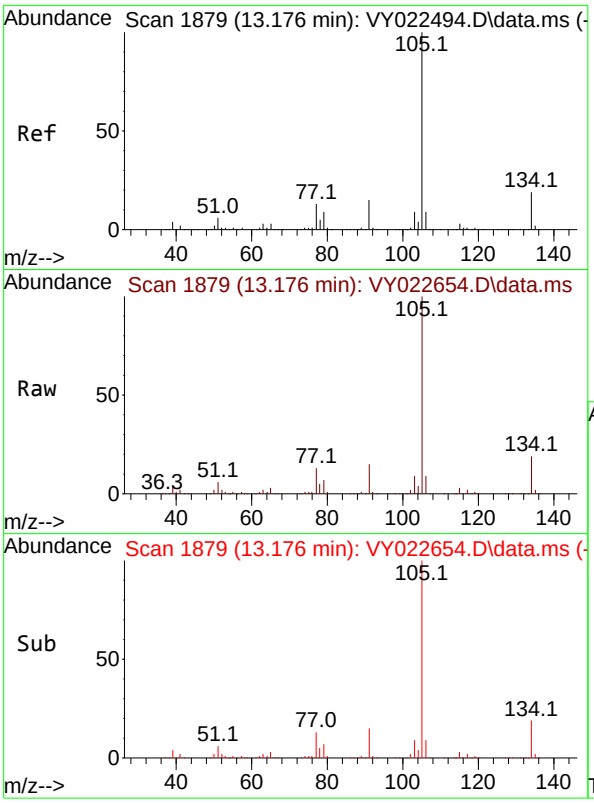


#84
1,2,4-Trimethylbenzene
Concen: 20.248 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:105 Resp: 137643

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.1



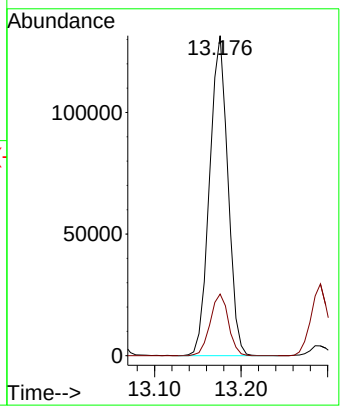


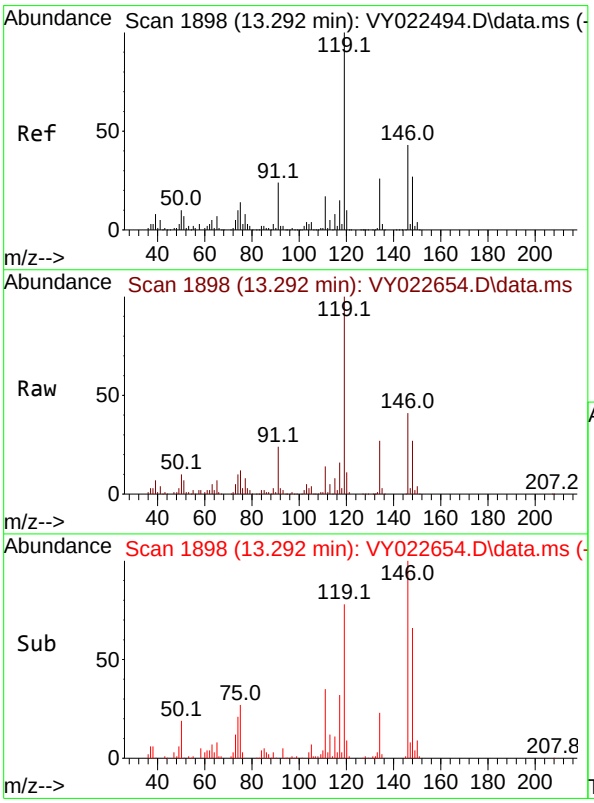
#85
sec-Butylbenzene
Concen: 20.630 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:105 Resp: 192733

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	28.9

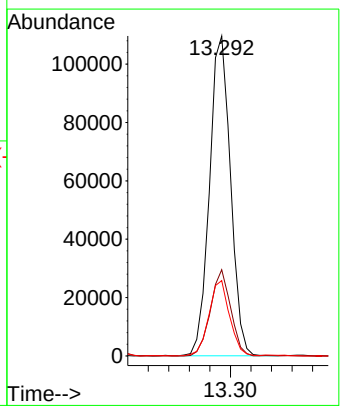


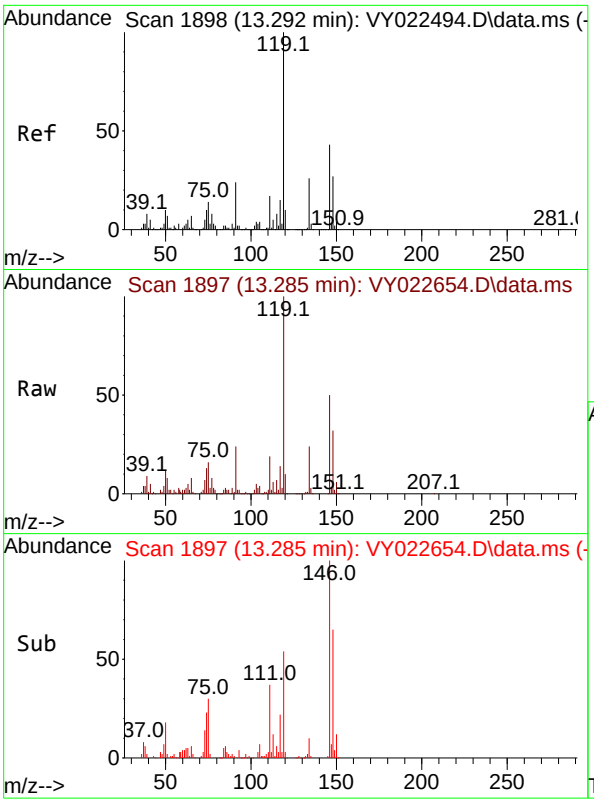


#86
p-Isopropyltoluene
Concen: 20.196 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:119 Resp: 155523

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	23.2	11.6	34.8



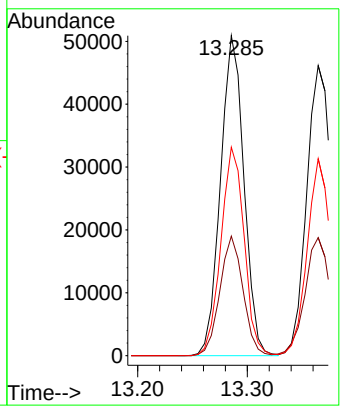


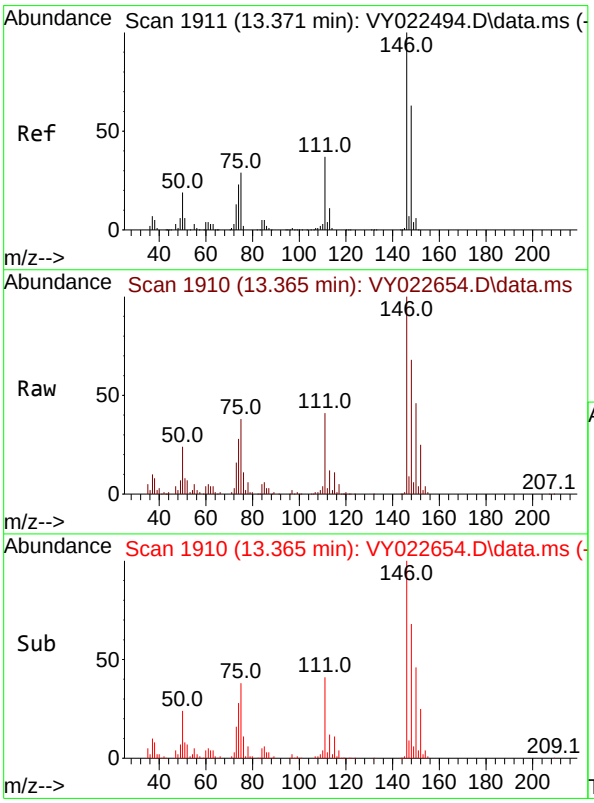
#87
1,3-Dichlorobenzene
Concen: 20.448 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:146 Resp: 75686

Ion	Ratio	Lower	Upper
146	100		
111	36.9	20.1	60.2
148	64.7	32.1	96.3

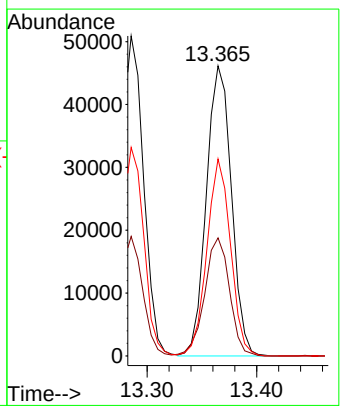


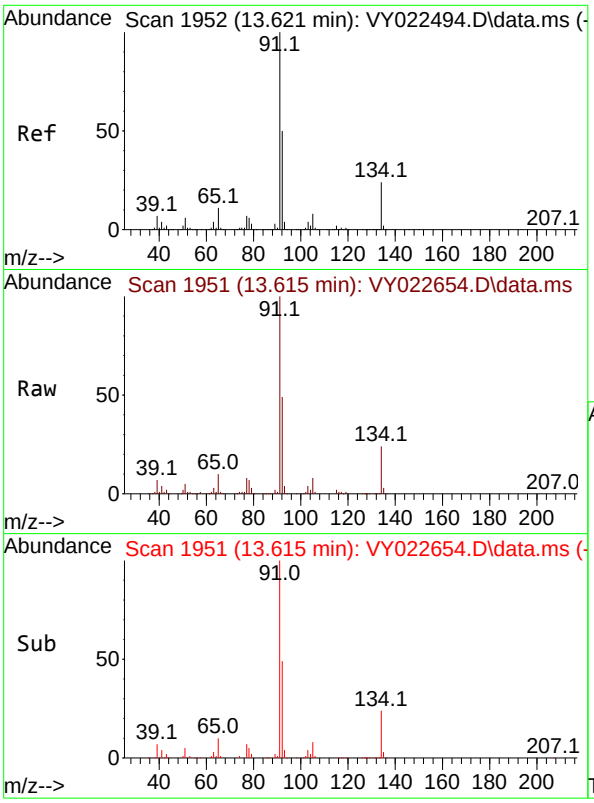


#88
1,4-Dichlorobenzene
Concen: 20.409 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:146 Resp: 73268

Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.4	58.2
148	64.3	31.6	94.8



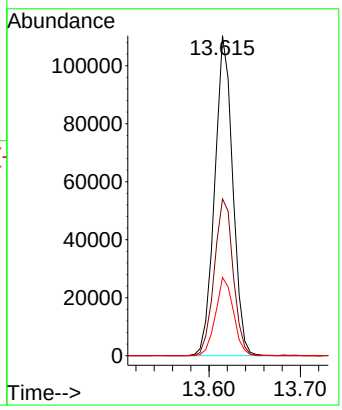


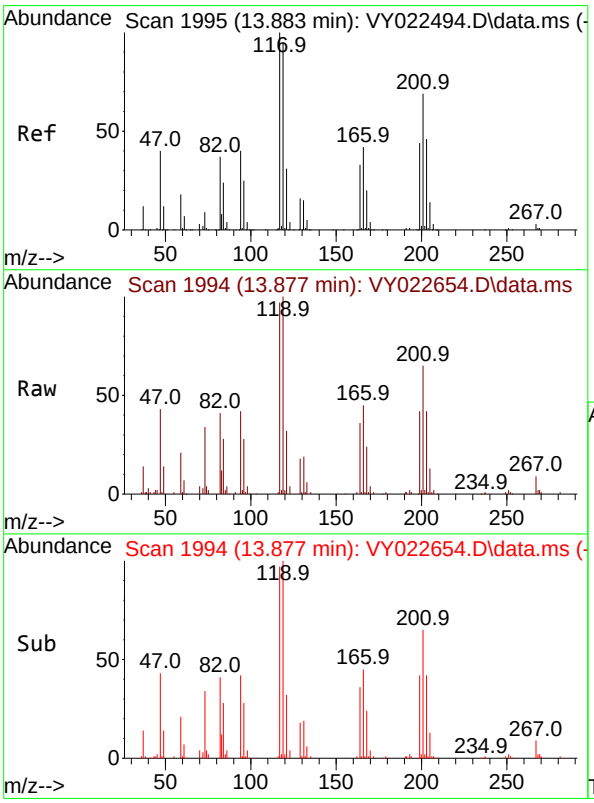
#89
n-Butylbenzene
Concen: 20.720 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 91 Resp: 151386

Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.9	77.8
134	24.3	12.0	36.1

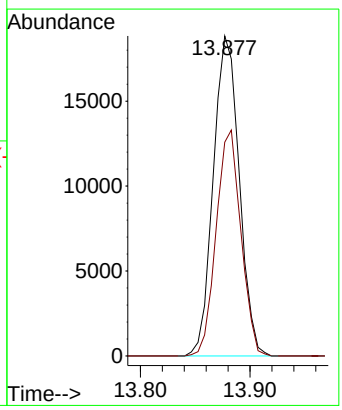


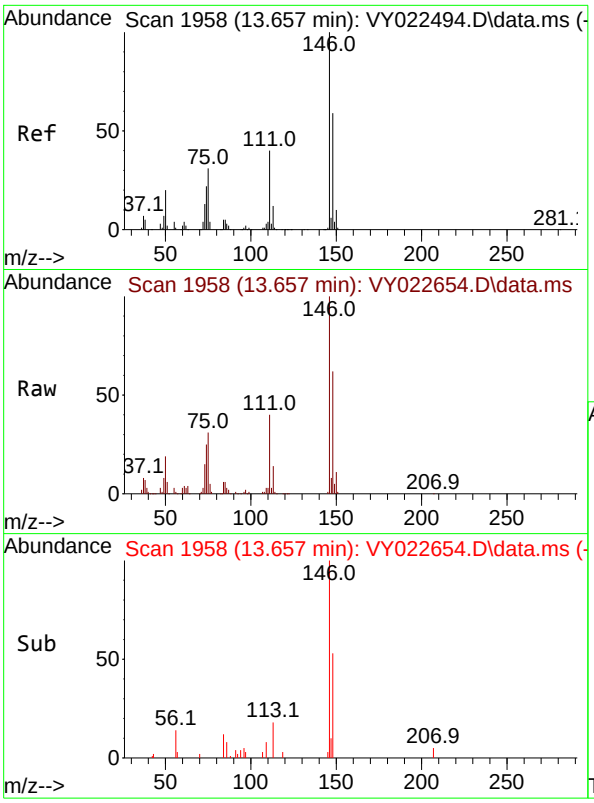


#90
Hexachloroethane
Concen: 20.674 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:117 Resp: 30995

Ion	Ratio	Lower	Upper
117	100		
201	67.3	34.0	102.0



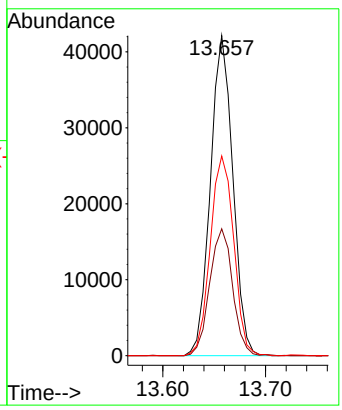


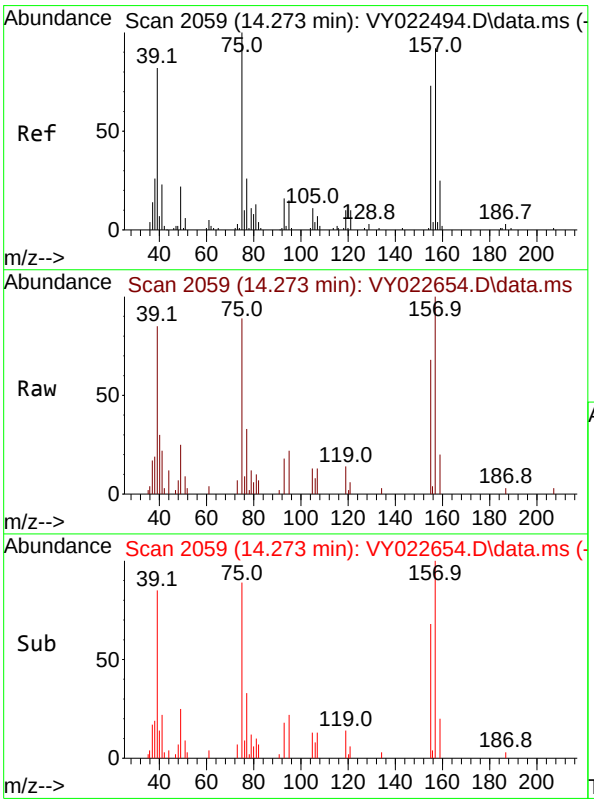
#91
1,2-Dichlorobenzene
Concen: 20.327 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:146 Resp: 63879

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.6
148	65.2	31.4	94.0

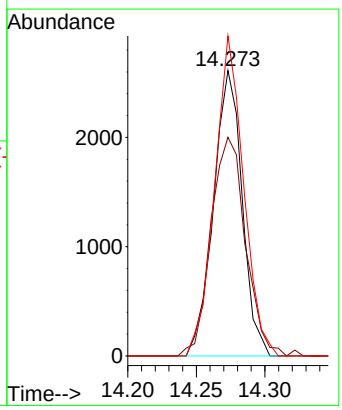


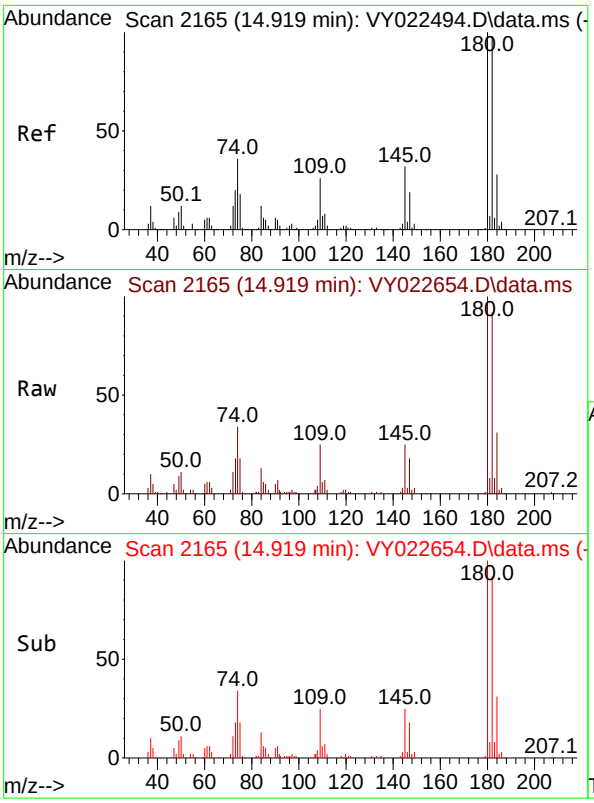


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.311 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 3788

Ion	Ratio	Lower	Upper
75	100		
155	92.9	39.9	119.6
157	113.7	54.0	162.0



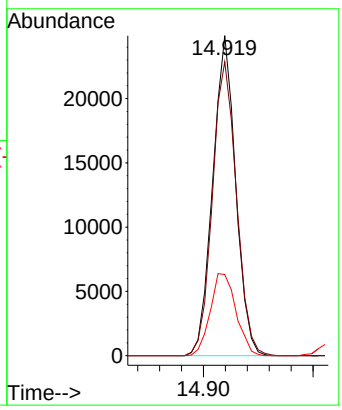


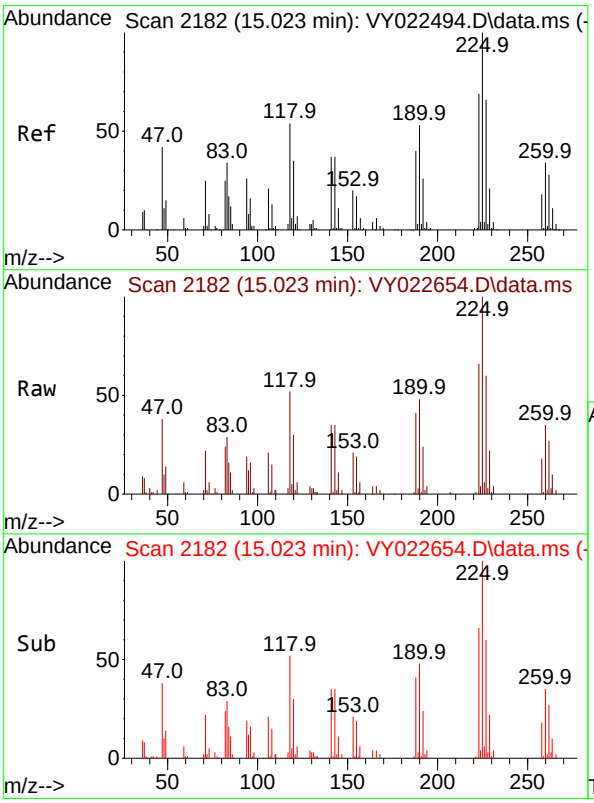
#93
1,2,4-Trichlorobenzene
Concen: 21.098 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:180 Resp: 36161

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.3
145	28.9	15.5	46.5

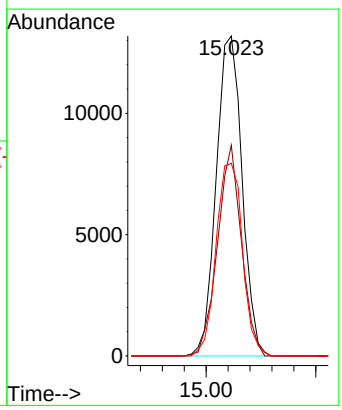


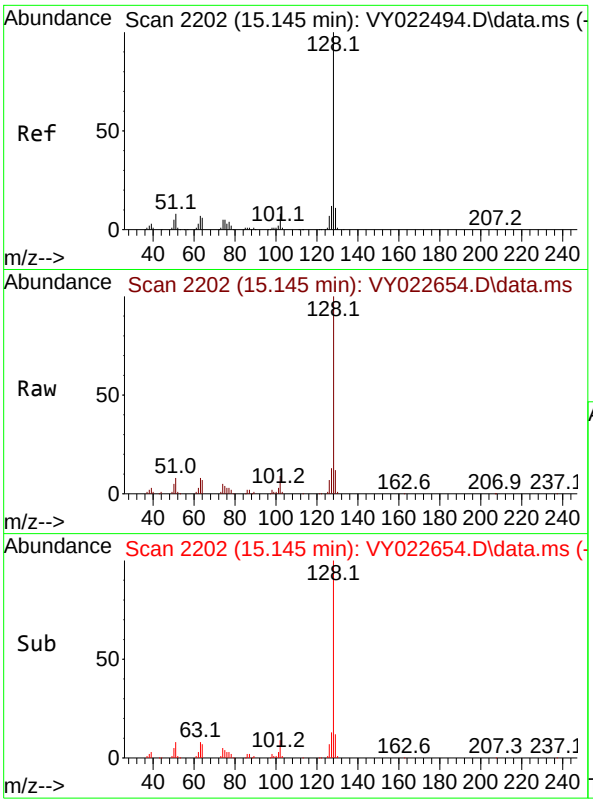


#94
Hexachlorobutadiene
Concen: 22.834 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:225 Resp: 21601

Ion	Ratio	Lower	Upper
225	100		
223	60.8	32.5	97.4
227	61.5	32.3	96.9



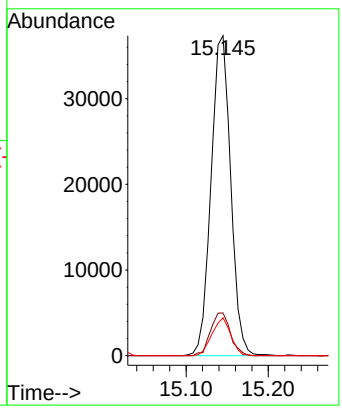


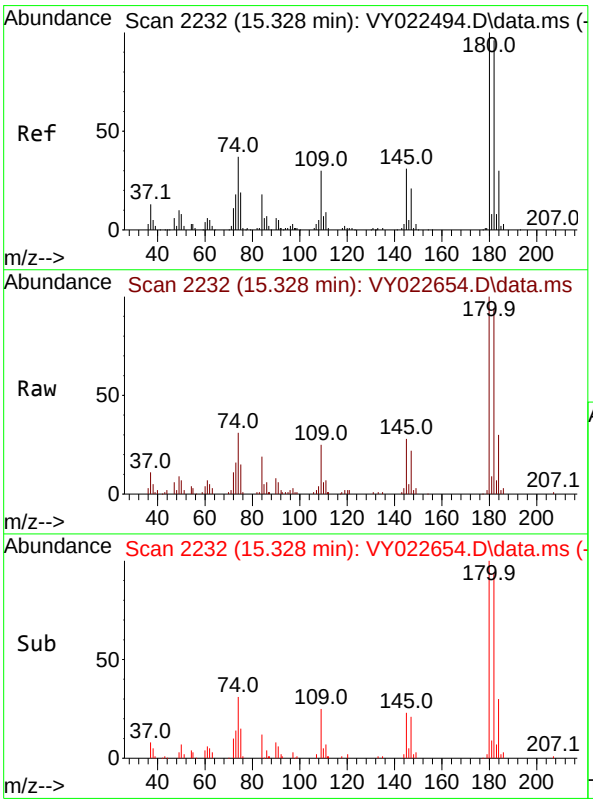
#95
Naphthalene
Concen: 18.852 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:128 Resp: 62008

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.3	8.9	13.3

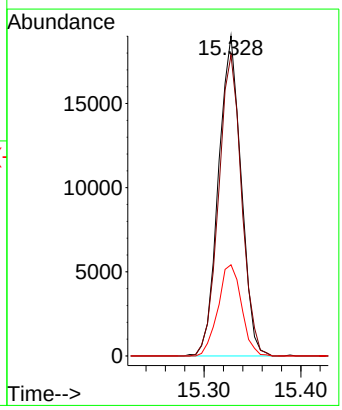




#96
1,2,3-Trichlorobenzene
Concen: 21.038 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:180 Resp: 30902

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.3
145	29.6	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022655.D
Acq On : 11 Jun 2025 11:23
Operator : SY/MD
Sample : VY0611SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Quant Time: Jun 12 05:04:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	154293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	261377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	216375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	102308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	87123	50.486	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.980%			
35) Dibromofluoromethane	7.634	113	80454	51.570	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.140%			
50) Toluene-d8	10.109	98	328033	52.037	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.402	95	91618	48.779	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	30403	22.009	ug/l	98
3) Chloromethane	2.068	50	76247	18.684	ug/l	99
4) Vinyl Chloride	2.202	62	110194	23.276	ug/l	97
5) Bromomethane	2.586	94	101895	22.456	ug/l	98
6) Chloroethane	2.733	64	77966	23.993	ug/l	91
7) Trichlorofluoromethane	3.050	101	100530	25.013	ug/l	98
8) Diethyl Ether	3.452	74	19482	21.525	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	37758	22.306	ug/l	99
10) Methyl Iodide	4.001	142	35808	19.548	ug/l	99
11) Tert butyl alcohol	4.866	59	13088	106.187	ug/l #	90
12) 1,1-Dichloroethene	3.787	96	33677	20.814	ug/l	96
13) Acrolein	3.653	56	11169	72.712	ug/l	85
14) Allyl chloride	4.379	41	51189	20.153	ug/l	98
15) Acrylonitrile	5.055	53	39623	103.367	ug/l	99
16) Acetone	3.867	43	51236	146.196	ug/l	97
17) Carbon Disulfide	4.104	76	105015	20.273	ug/l	98
18) Methyl Acetate	4.385	43	20954	20.191	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	92788	20.360	ug/l	100
20) Methylene Chloride	4.616	84	45698	22.955	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	39459	21.790	ug/l	84
22) Diisopropyl ether	6.019	45	116281	20.566	ug/l	98
23) Vinyl Acetate	5.958	43	332344	99.313	ug/l	97
24) 1,1-Dichloroethane	5.915	63	71877	21.579	ug/l	99
25) 2-Butanone	6.896	43	59713	118.122	ug/l	98
26) 2,2-Dichloropropane	6.884	77	61544	20.912	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	45141	21.567	ug/l	98
28) Bromochloromethane	7.244	49	30556	21.045	ug/l	100
29) Tetrahydrofuran	7.262	42	32926	100.986	ug/l	99
30) Chloroform	7.421	83	73770	22.360	ug/l	96
31) Cyclohexane	7.701	56	64272	19.382	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	64586	22.053	ug/l	99
36) 1,1-Dichloropropene	7.835	75	53788	21.243	ug/l	99
37) Ethyl Acetate	6.988	43	23488	20.801	ug/l	100
38) Carbon Tetrachloride	7.817	117	55462	21.352	ug/l	92
39) Methylcyclohexane	9.110	83	68129	20.022	ug/l	99
40) Benzene	8.079	78	163413	21.851	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022655.D
Acq On : 11 Jun 2025 11:23
Operator : SY/MD
Sample : VY0611SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Quant Time: Jun 12 05:04:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	11060	16.769	ug/l	#	88
42) 1,2-Dichloroethane	8.158	62	44229	21.660	ug/l		98
43) Isopropyl Acetate	8.195	43	48754	19.992	ug/l		96
44) Trichloroethene	8.866	130	39874	21.815	ug/l		97
45) 1,2-Dichloropropane	9.140	63	38405	21.729	ug/l		96
46) Dibromomethane	9.231	93	21044	21.164	ug/l		97
47) Bromodichloromethane	9.427	83	55680	22.084	ug/l		97
48) Methyl methacrylate	9.225	41	20964	18.316	ug/l		94
49) 1,4-Dioxane	9.238	88	4781	405.855	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.000	43	119284	98.107	ug/l		96
52) Toluene	10.170	92	101252	21.544	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	48733	20.629	ug/l		94
54) cis-1,3-Dichloropropene	9.853	75	57255	20.820	ug/l		95
55) 1,1,2-Trichloroethane	10.573	97	27620	21.784	ug/l		96
56) Ethyl methacrylate	10.439	69	35231	19.225	ug/l		99
57) 1,3-Dichloropropane	10.719	76	48083	21.396	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	84651	101.741	ug/l		99
59) 2-Hexanone	10.762	43	88514	108.852	ug/l		99
60) Dibromochloromethane	10.914	129	34405	21.352	ug/l		98
61) 1,2-Dibromoethane	11.012	107	24433	21.142	ug/l		98
64) Tetrachloroethene	10.646	164	45809	24.611	ug/l		97
65) Chlorobenzene	11.438	112	104686	21.864	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	33988	21.071	ug/l		97
67) Ethyl Benzene	11.518	91	184235	20.745	ug/l		98
68) m/p-Xylenes	11.627	106	140858	41.839	ug/l		100
69) o-Xylene	11.950	106	65306	20.690	ug/l		100
70) Styrene	11.969	104	108428	20.781	ug/l		98
71) Bromoform	12.133	173	17443	20.322	ug/l	#	97
73) Isopropylbenzene	12.255	105	175327	20.874	ug/l		100
74) N-amyl acetate	12.066	43	40443	19.083	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	26860	19.484	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	39716	33.933	ug/l	#	100
77) Bromobenzene	12.530	156	37003	20.876	ug/l		99
78) n-propylbenzene	12.591	91	215673	21.023	ug/l		99
79) 2-Chlorotoluene	12.676	91	111836	20.568	ug/l		97
80) 1,3,5-Trimethylbenzene	12.737	105	136959	20.769	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.298	75	8836	18.231	ug/l		94
82) 4-Chlorotoluene	12.774	91	114316	20.380	ug/l		96
83) tert-Butylbenzene	12.993	119	122545	20.705	ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	135799	20.590	ug/l		99
85) sec-Butylbenzene	13.170	105	191535	21.130	ug/l		100
86) p-Isopropyltoluene	13.292	119	155151	20.765	ug/l		98
87) 1,3-Dichlorobenzene	13.286	146	76368	21.265	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	75907	21.792	ug/l		100
89) n-Butylbenzene	13.615	91	148942	21.011	ug/l		99
90) Hexachloroethane	13.877	117	31366	21.563	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	65316	21.421	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4000	19.929	ug/l		88
93) 1,2,4-Trichlorobenzene	14.919	180	34227	20.582	ug/l		98
94) Hexachlorobutadiene	15.023	225	20570	22.411	ug/l		98
95) Naphthalene	15.139	128	65657	20.574	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	29376	20.612	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022655.D
Acq On : 11 Jun 2025 11:23
Operator : SY/MD
Sample : VY0611SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Quant Time: Jun 12 05:04:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

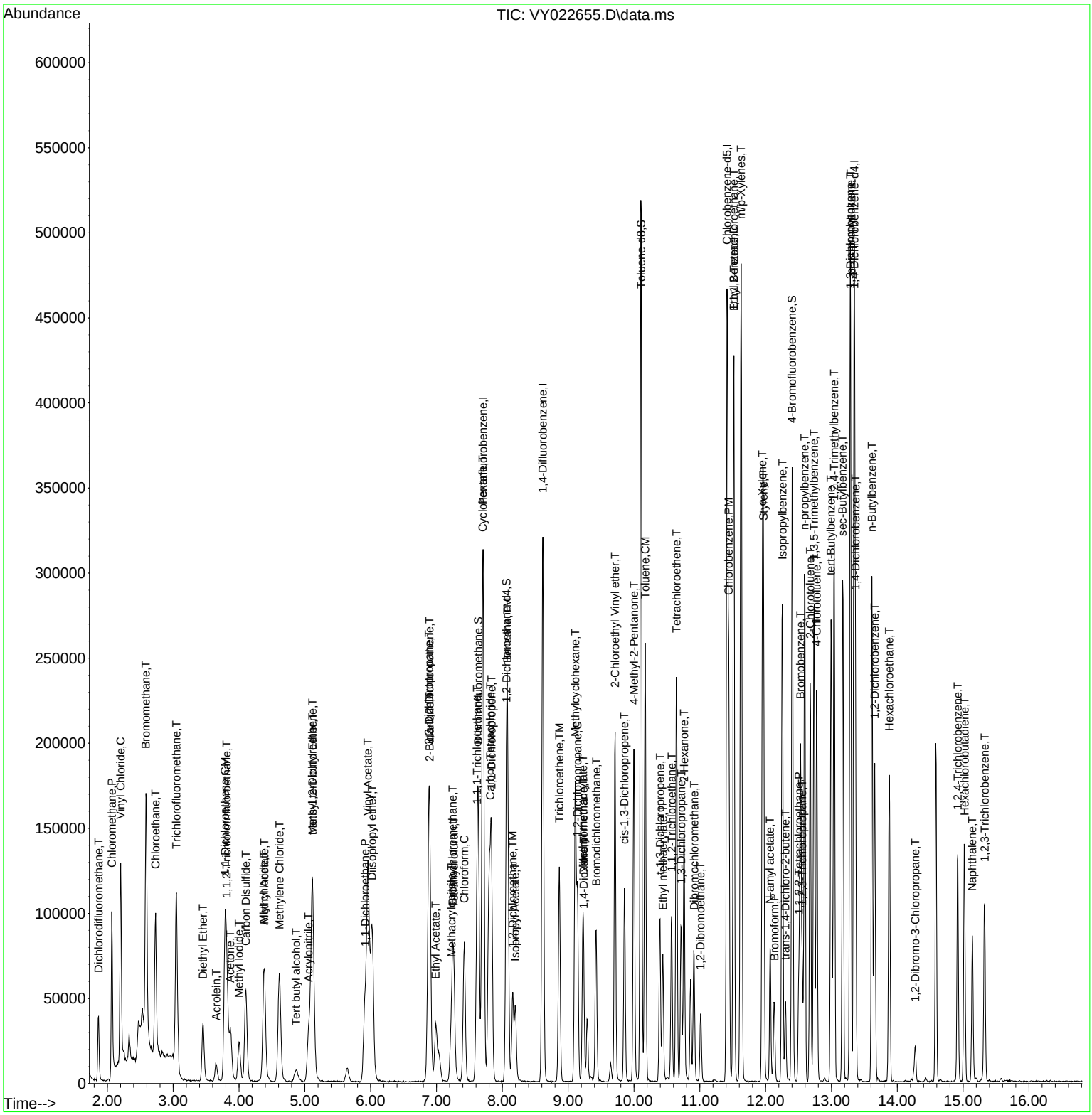
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

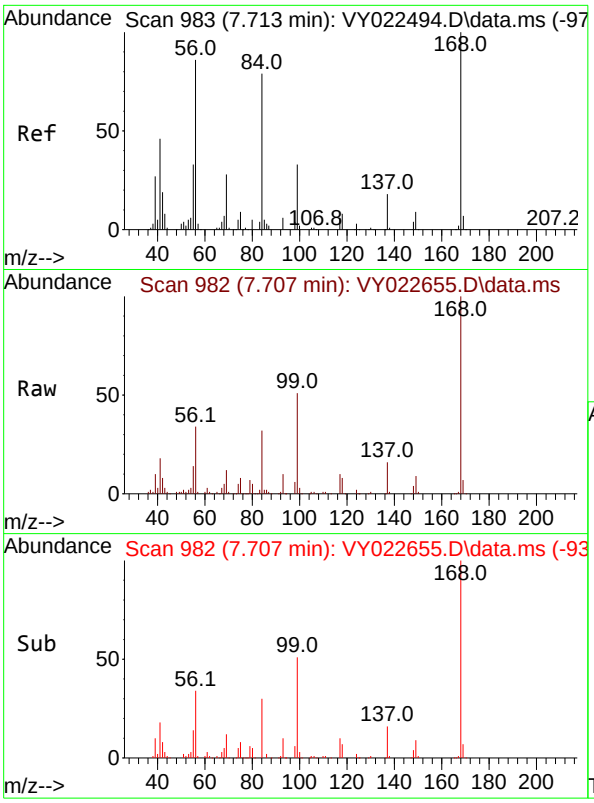
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022655.D
Acq On : 11 Jun 2025 11:23
Operator : SY/MD
Sample : VY0611SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Quant Time: Jun 12 05:04:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



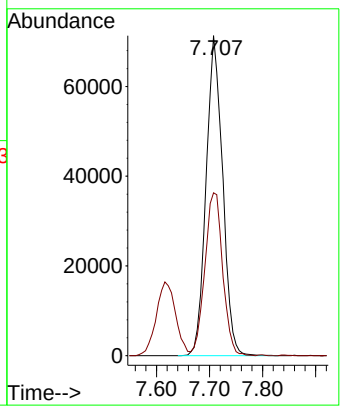


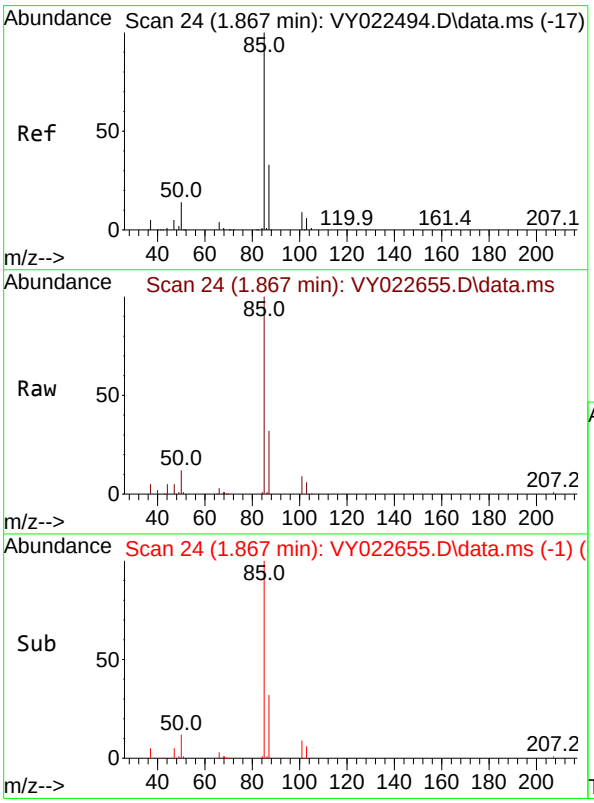
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:168 Resp: 154293

Ion	Ratio	Lower	Upper
168	100		
99	50.9	44.3	66.5

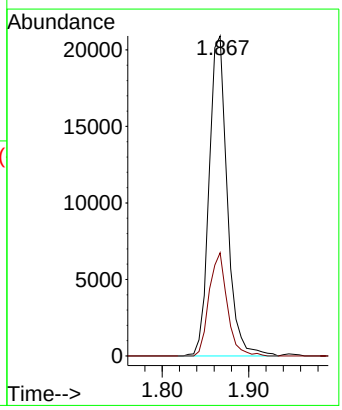


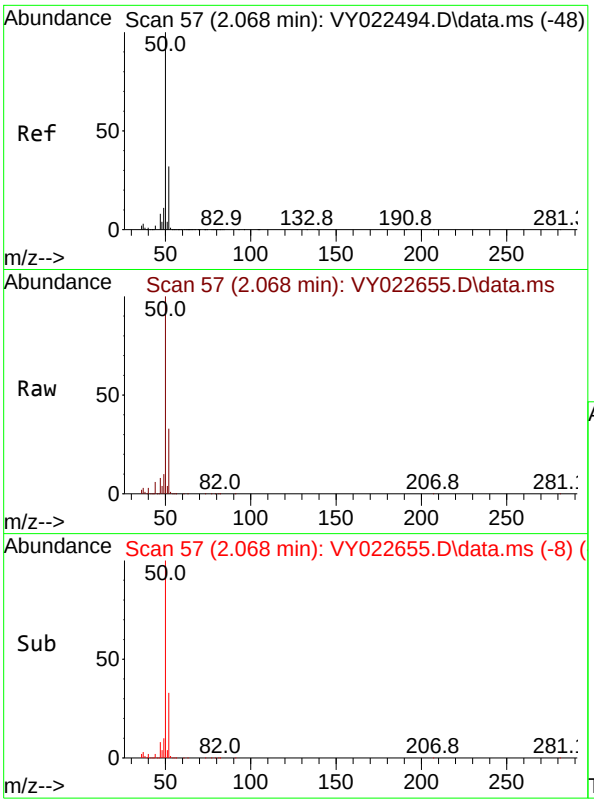


#2
Dichlorodifluoromethane
Concen: 22.009 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 85 Resp: 30403

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.7	50.0



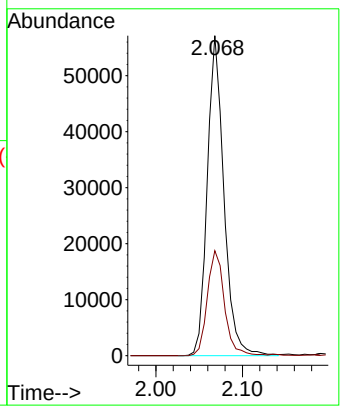


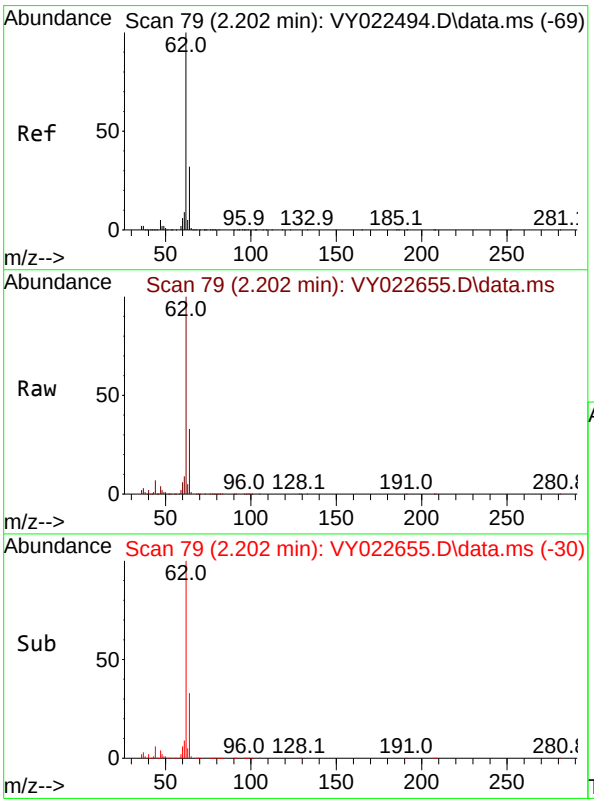
#3
Chloromethane
Concen: 18.684 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 50 Resp: 76247

Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.0	39.0

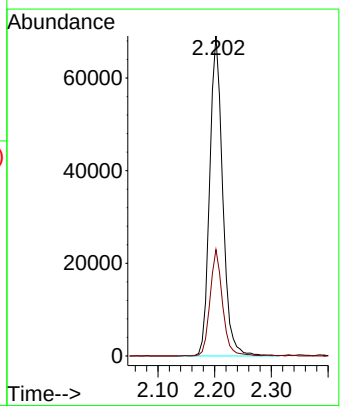


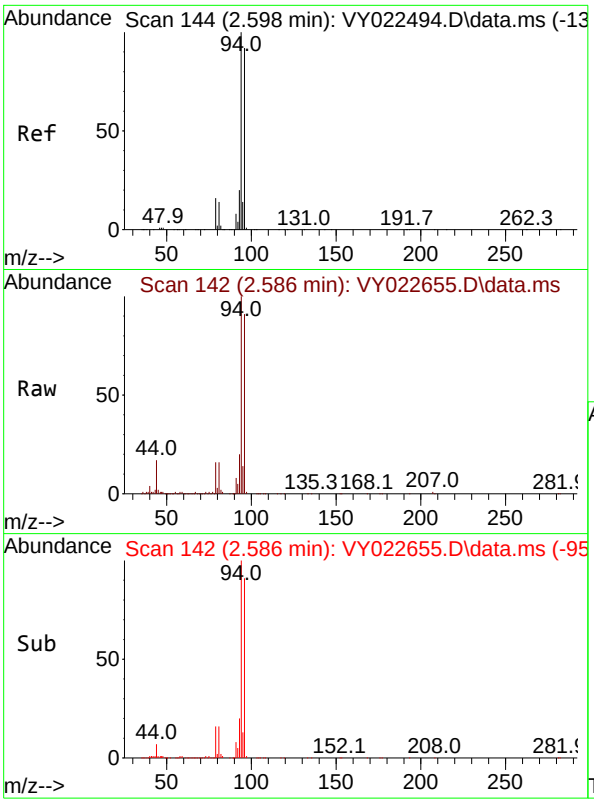


#4
Vinyl Chloride
Concen: 23.276 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 62 Resp: 110194

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.3	37.9



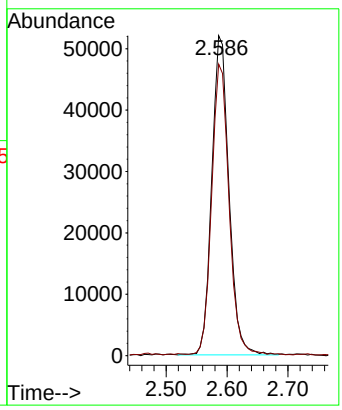


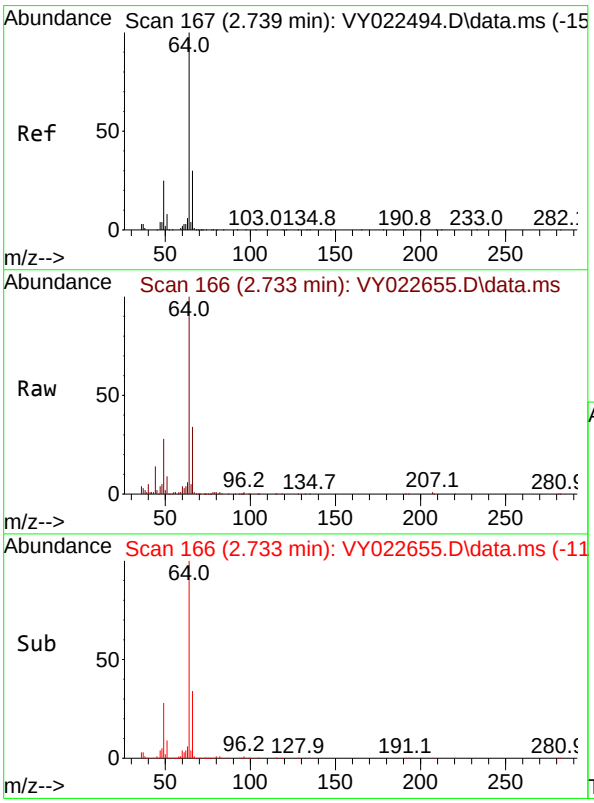
#5
Bromomethane
Concen: 22.456 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 94 Resp: 101895

Ion	Ratio	Lower	Upper
94	100		
96	90.7	74.0	111.0

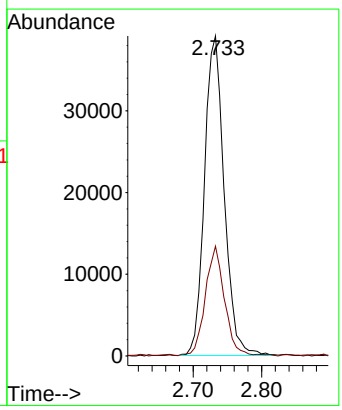


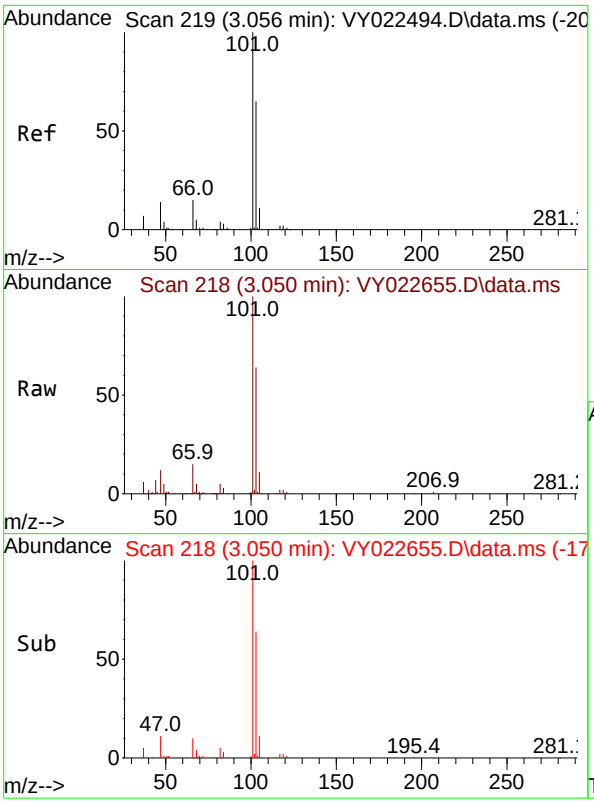


#6
Chloroethane
Concen: 23.993 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 64 Resp: 77966

Ion	Ratio	Lower	Upper
64	100		
66	34.4	23.8	35.6



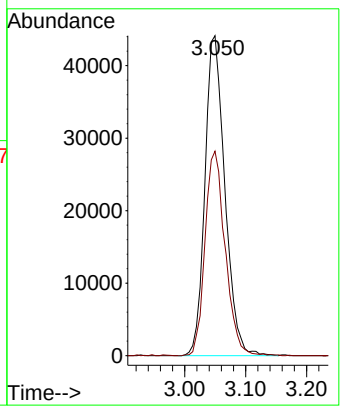


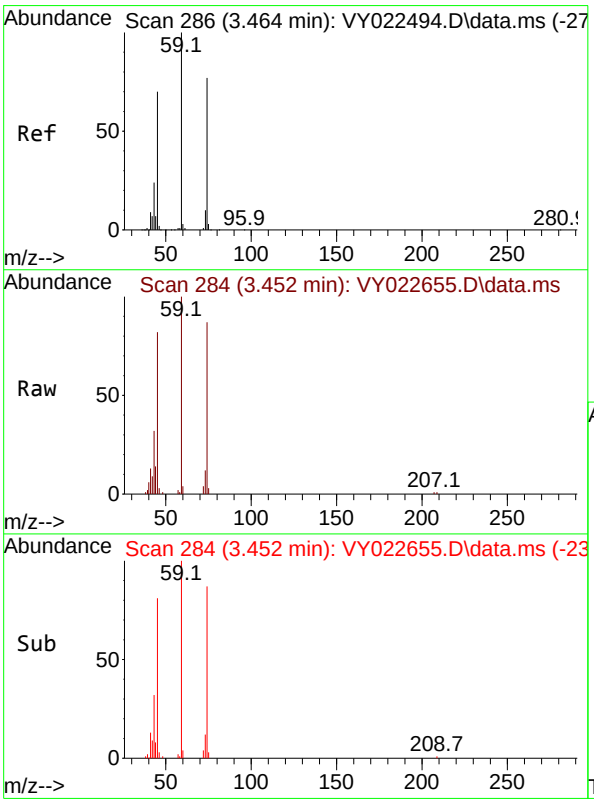
#7
Trichlorofluoromethane
Concen: 25.013 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:101 Resp: 100530

Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.2	78.2

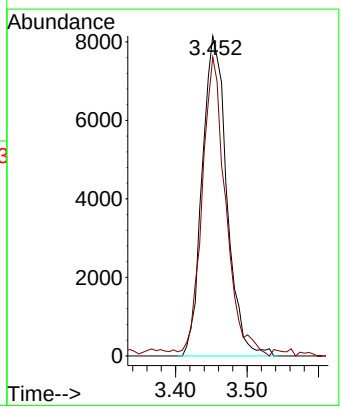


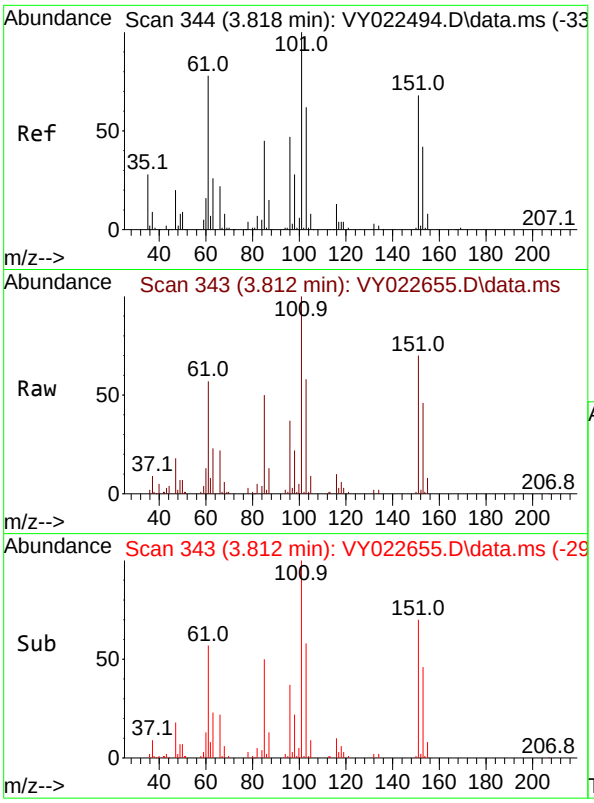


#8
Diethyl Ether
Concen: 21.525 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 74 Resp: 19482

Ion	Ratio	Lower	Upper
74	100		
45	89.9	45.9	137.6



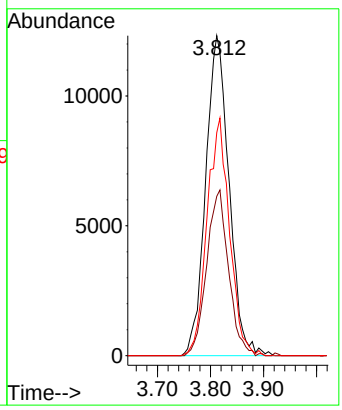


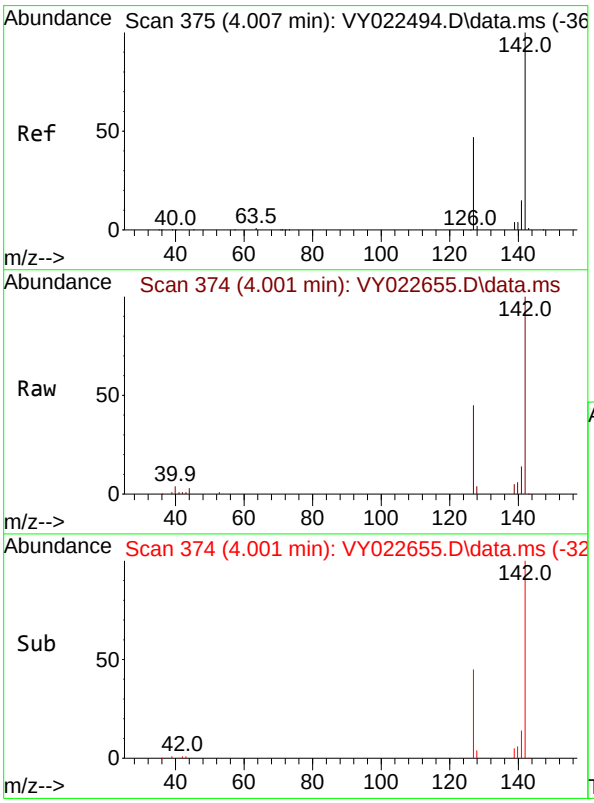
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.306 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:101 Resp: 37758

Ion	Ratio	Lower	Upper
101	100		
85	48.6	39.3	58.9
151	71.3	57.8	86.8

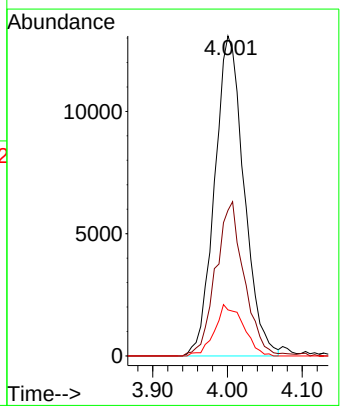


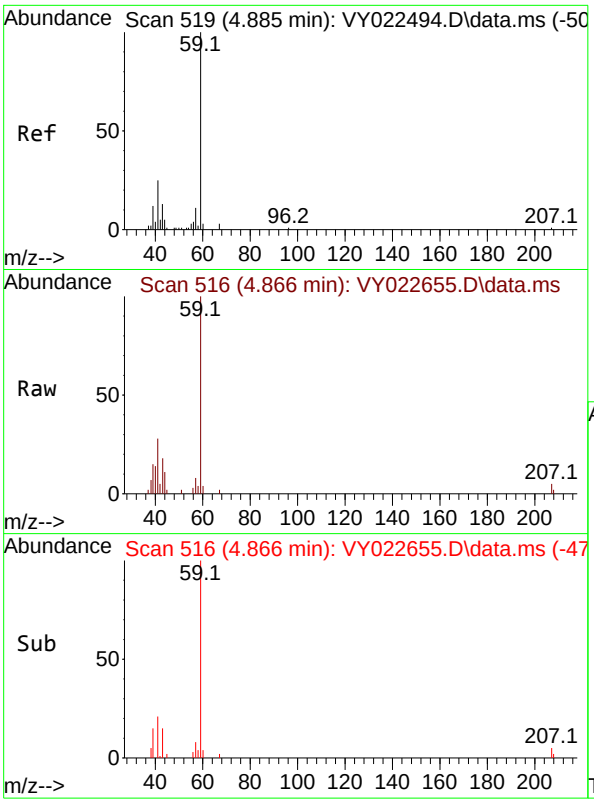


#10
Methyl Iodide
Concen: 19.548 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:142 Resp: 35808

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.1	55.7
141	15.7	11.4	17.2



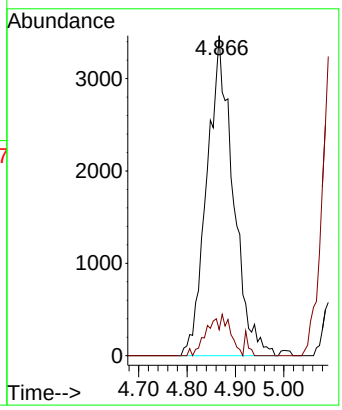


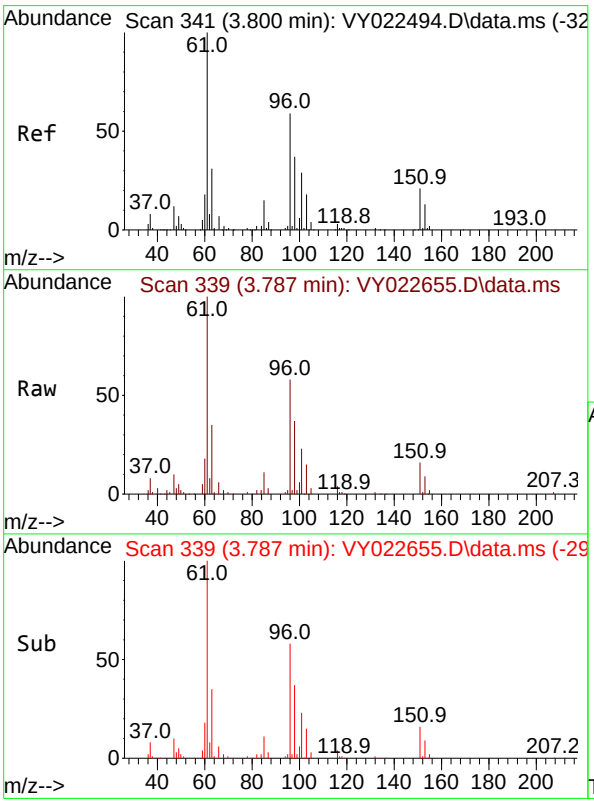
#11
Tert butyl alcohol
Concen: 106.187 ug/l
RT: 4.866 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 59 Resp: 13088

Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.0	12.0#

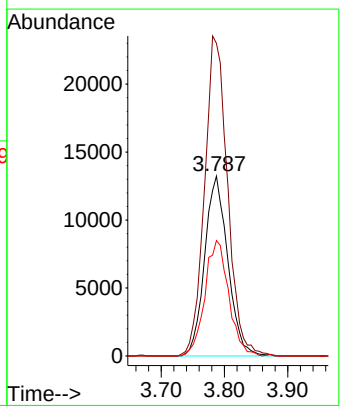


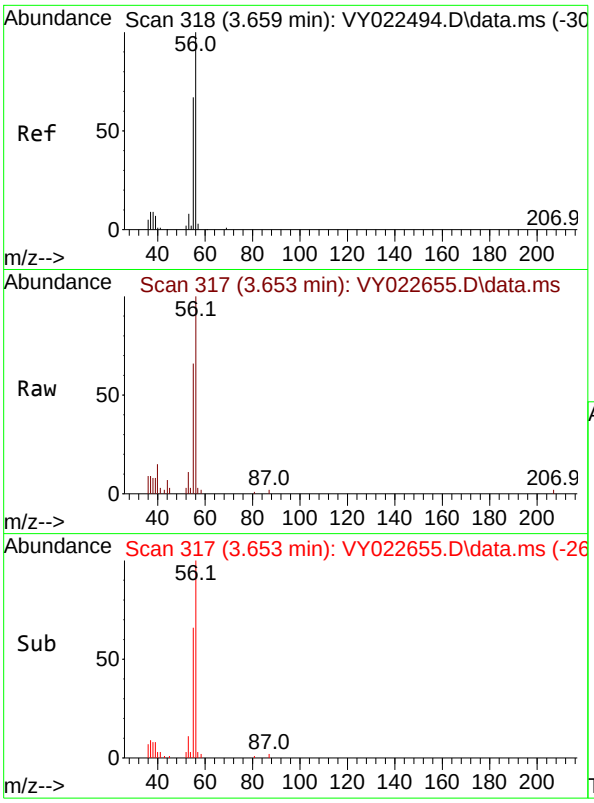


#12
1,1-Dichloroethene
Concen: 20.814 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 96 Resp: 33677

Ion	Ratio	Lower	Upper
96	100		
61	173.9	134.6	201.8
98	64.2	50.2	75.4



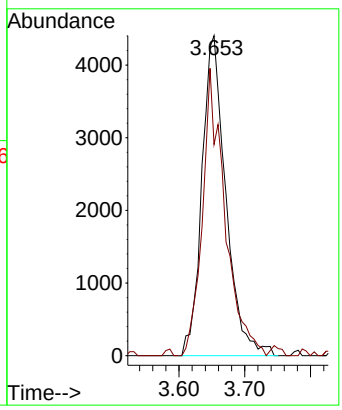


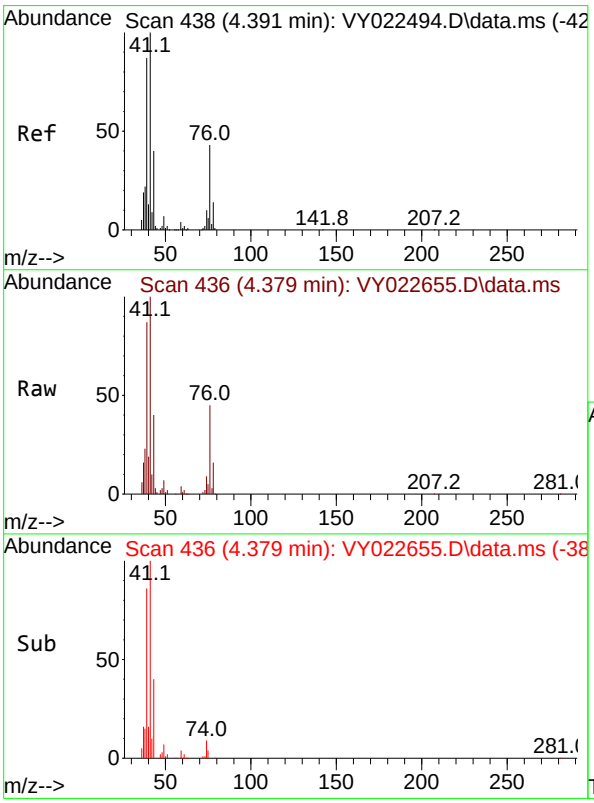
#13
Acrolein
Concen: 72.712 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 56 Resp: 11169

Ion	Ratio	Lower	Upper
56	100		
55	83.9	57.0	85.6

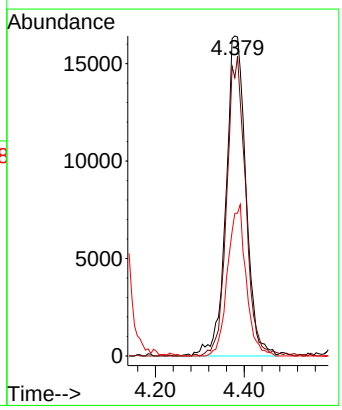


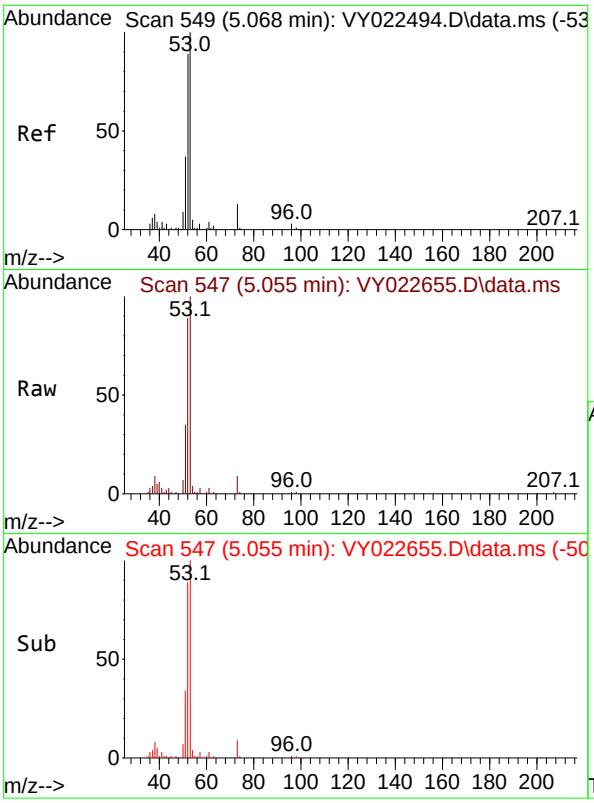


#14
Allyl chloride
Concen: 20.153 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 41 Resp: 51189

Ion	Ratio	Lower	Upper
41	100		
39	88.2	69.1	103.7
76	43.7	33.5	50.3



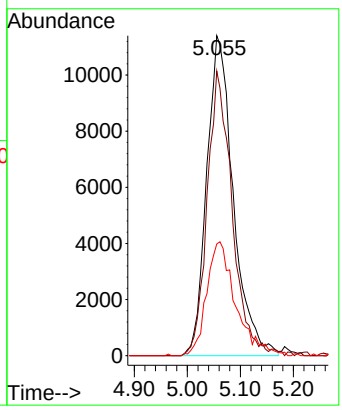


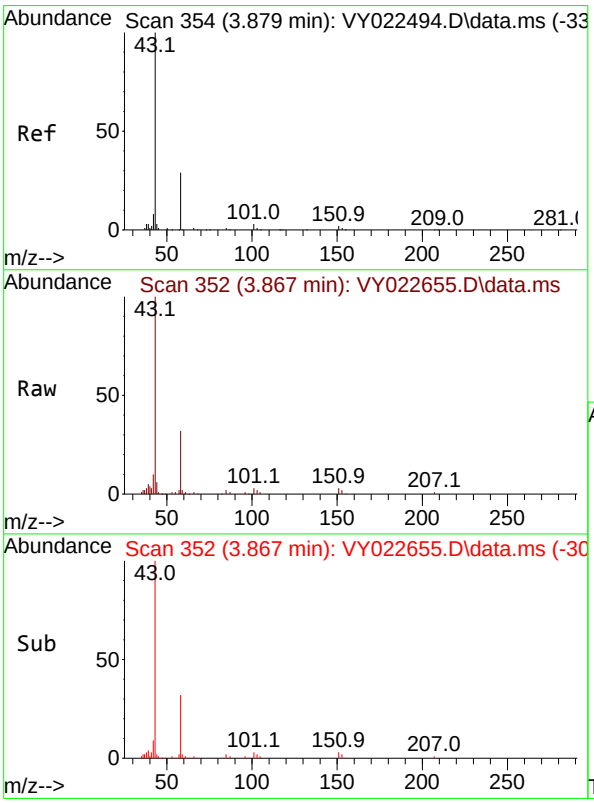
#15
Acrylonitrile
Concen: 103.367 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 53 Resp: 39623

Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.7	98.5
51	39.0	30.1	45.1

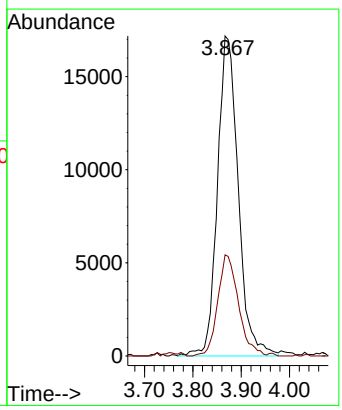


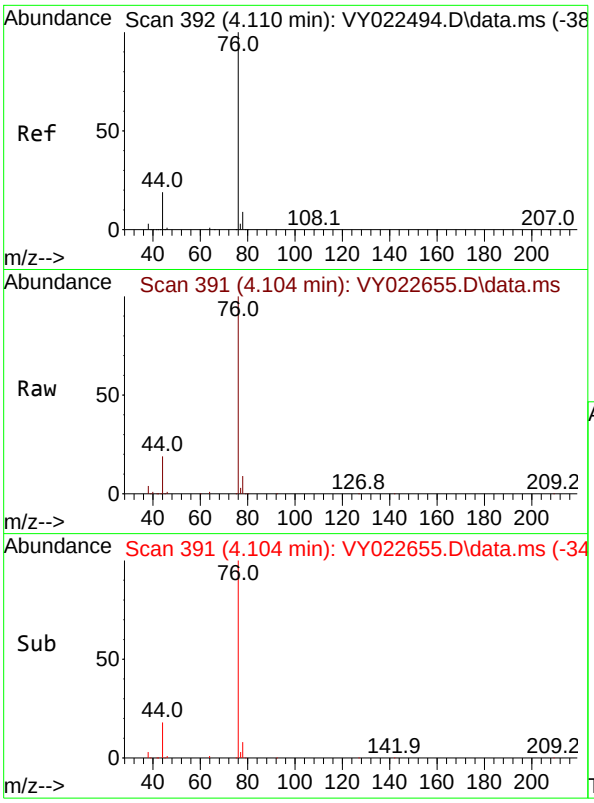


#16
Acetone
Concen: 146.196 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 51236

Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.0	36.0



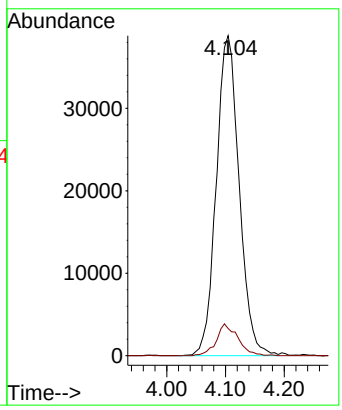


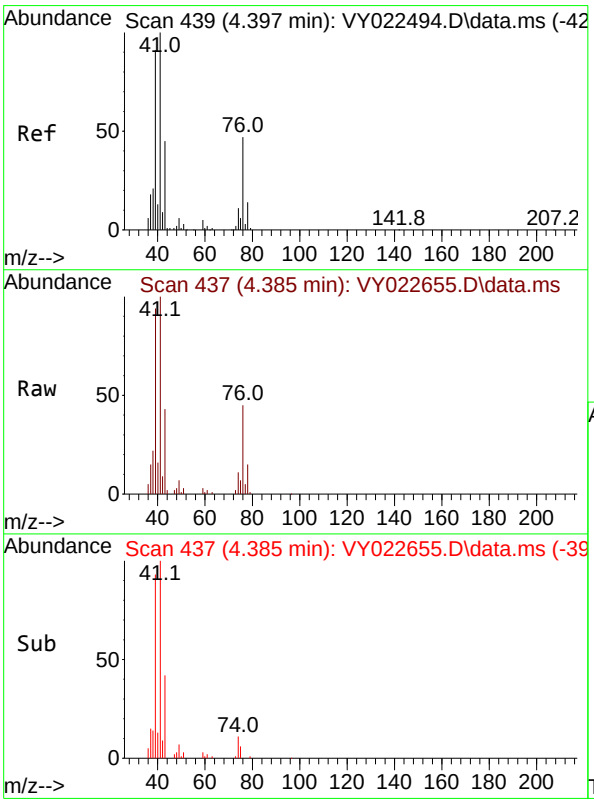
#17
Carbon Disulfide
Concen: 20.273 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 76 Resp: 105015

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.2

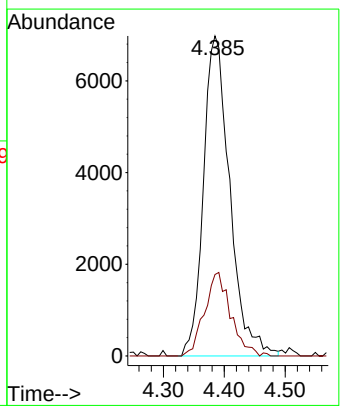


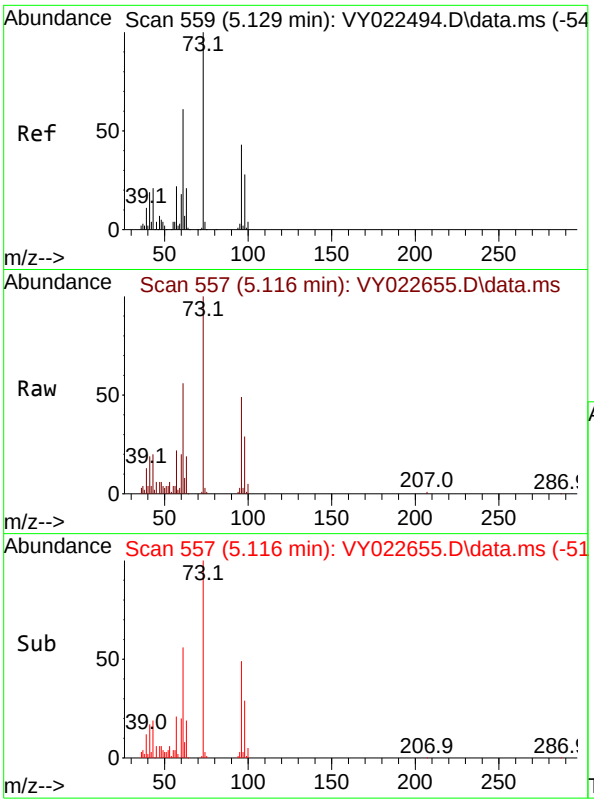


#18
Methyl Acetate
Concen: 20.191 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 20954

Ion	Ratio	Lower	Upper
43	100		
74	25.8	19.8	29.6



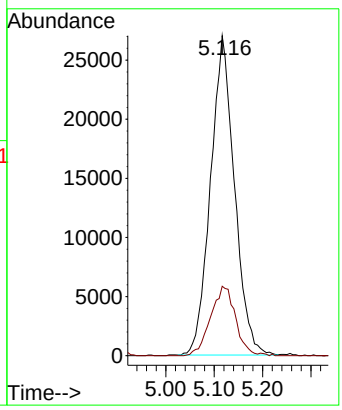


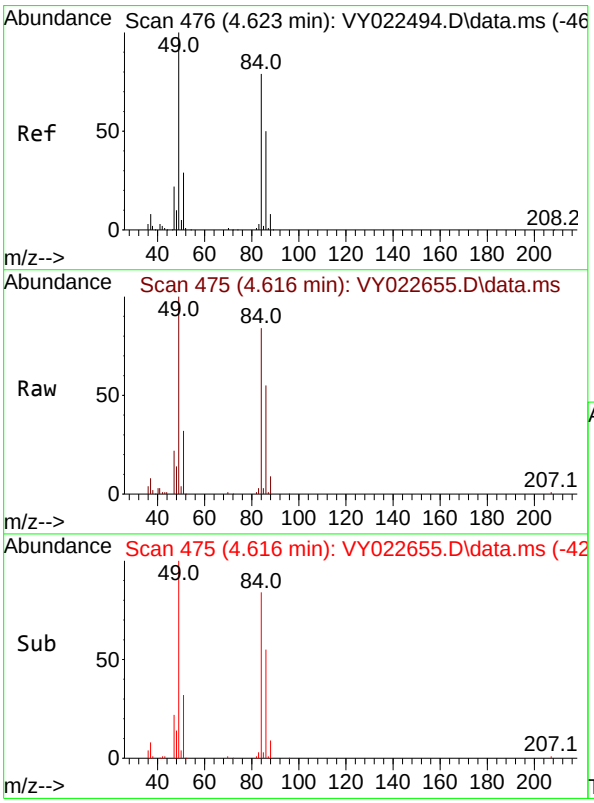
#19
Methyl tert-butyl Ether
Concen: 20.360 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 73 Resp: 92788

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.0

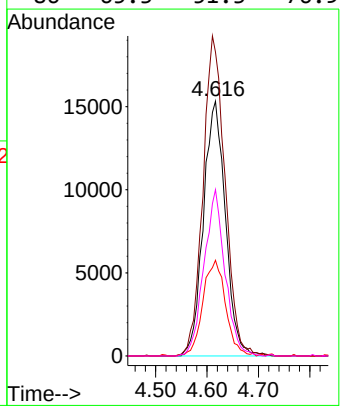


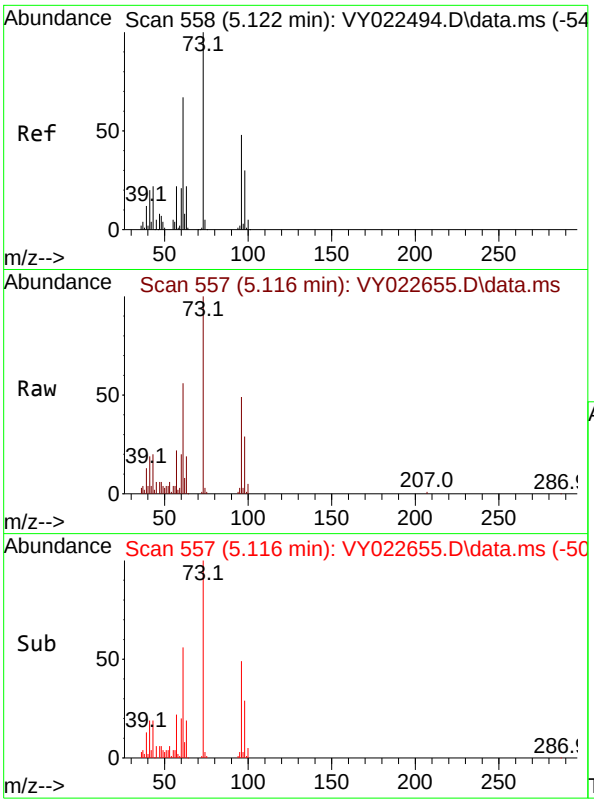


#20
Methylene Chloride
Concen: 22.955 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 84 Resp: 45698

Ion	Ratio	Lower	Upper
84	100		
49	119.3	101.9	152.9
51	37.6	29.8	44.8
86	65.3	51.3	76.9



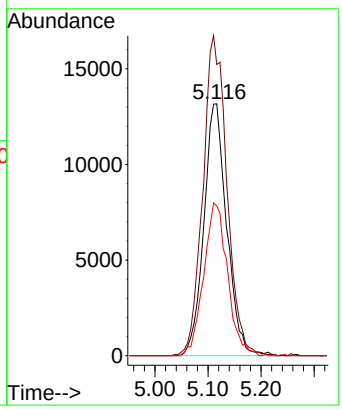


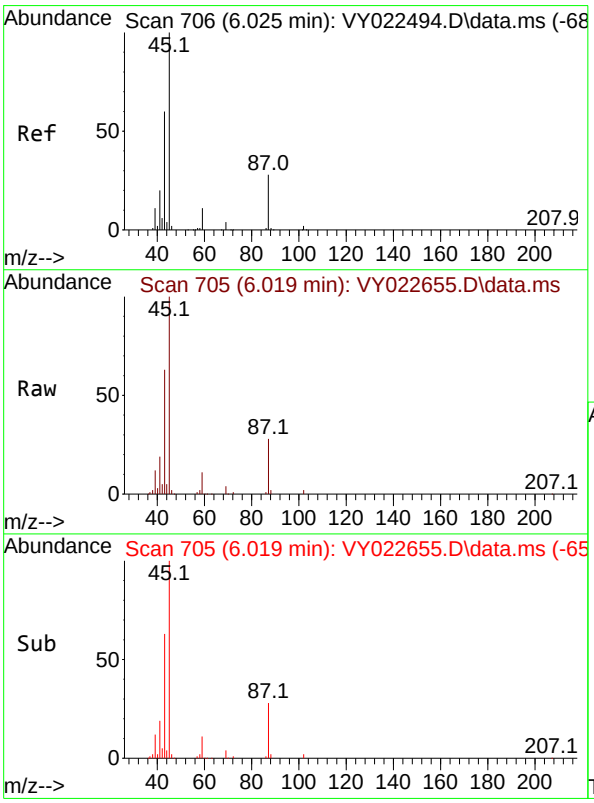
#21
trans-1,2-Dichloroethene
Concen: 21.790 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 96 Resp: 39459

Ion	Ratio	Lower	Upper
96	100		
61	115.6	112.6	169.0
98	59.4	50.6	75.8

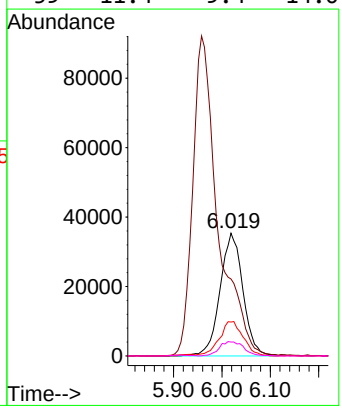


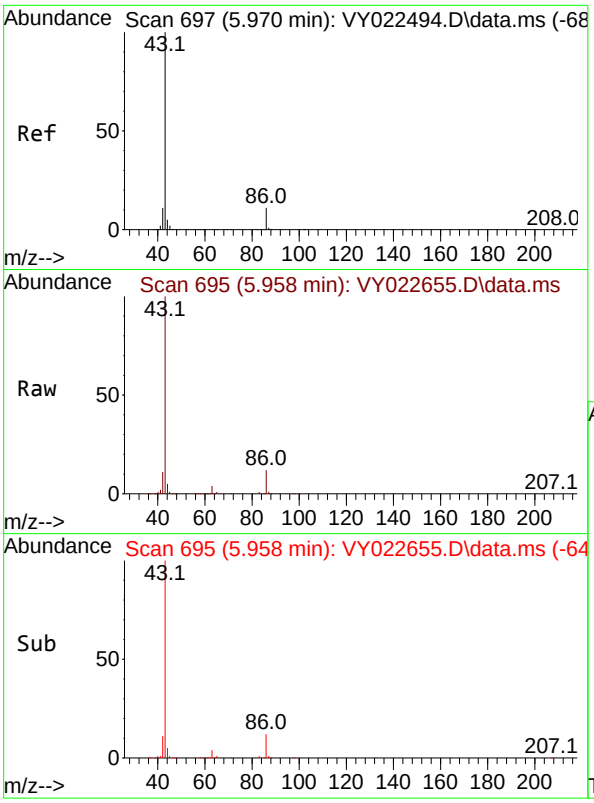


#22
Diisopropyl ether
Concen: 20.566 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 45 Resp: 116281

Ion	Ratio	Lower	Upper
45	100		
43	62.0	48.3	72.5
87	27.6	23.0	34.6
59	11.4	9.4	14.0



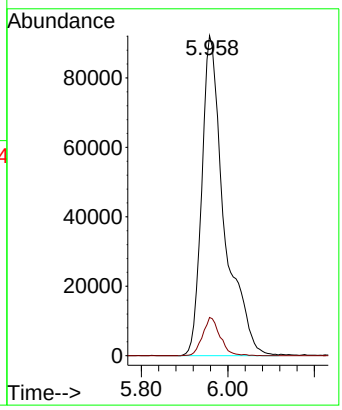


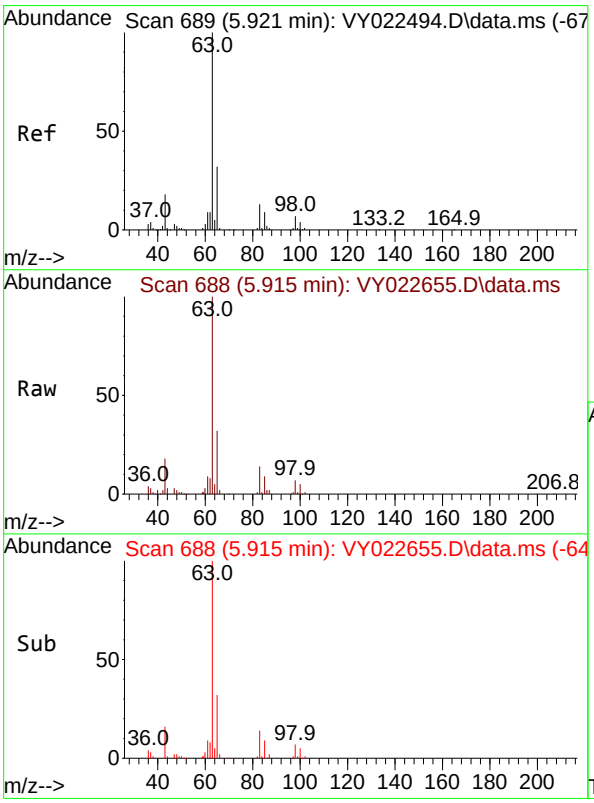
#23
Vinyl Acetate
Concen: 99.313 ug/l
RT: 5.958 min Scan# 6
Delta R.T. -0.012 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 43 Resp: 332344

Ion	Ratio	Lower	Upper
43	100		
86	11.9	8.6	12.8

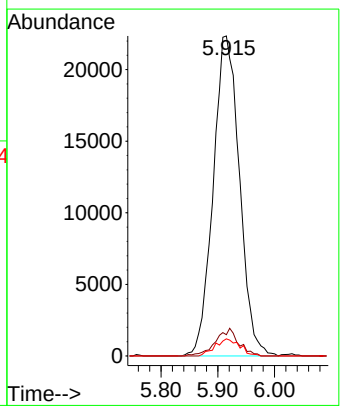


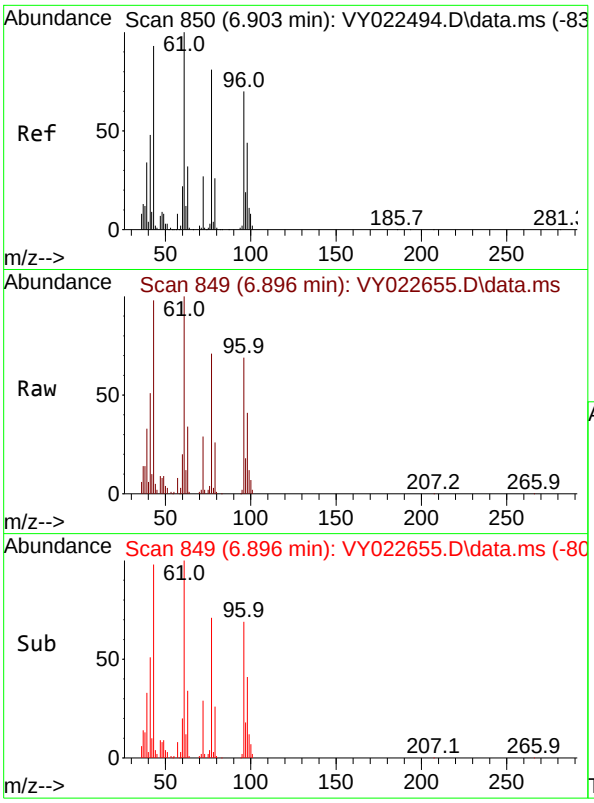


#24
1,1-Dichloroethane
Concen: 21.579 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 63 Resp: 71877

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.1
100	5.4	2.1	6.3



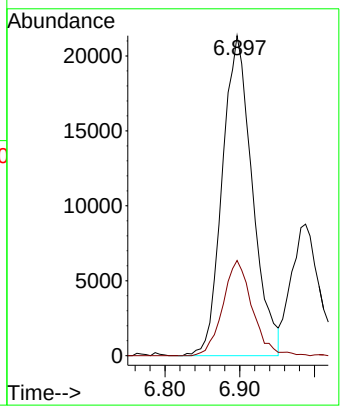


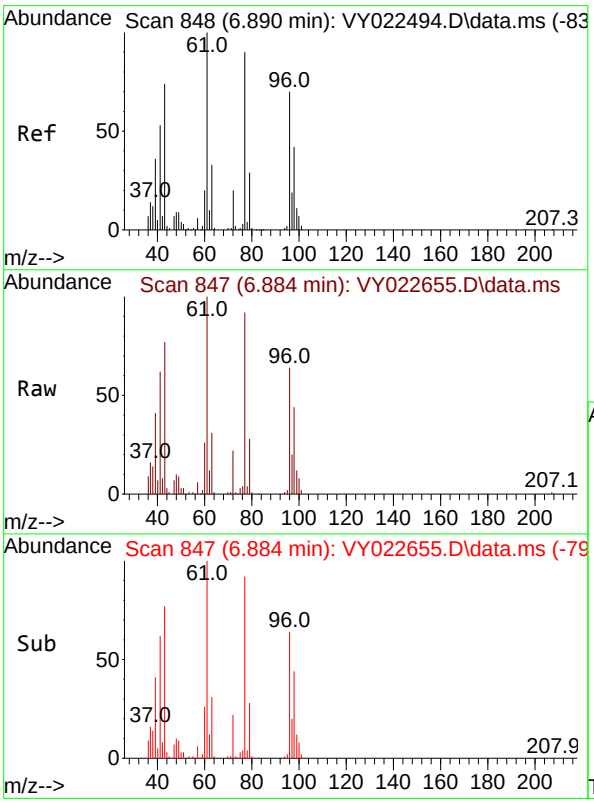
#25
2-Butanone
Concen: 118.122 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 43 Resp: 59713

Ion	Ratio	Lower	Upper
43	100		
72	29.7	22.9	34.3

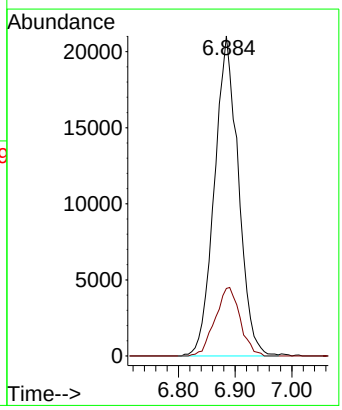


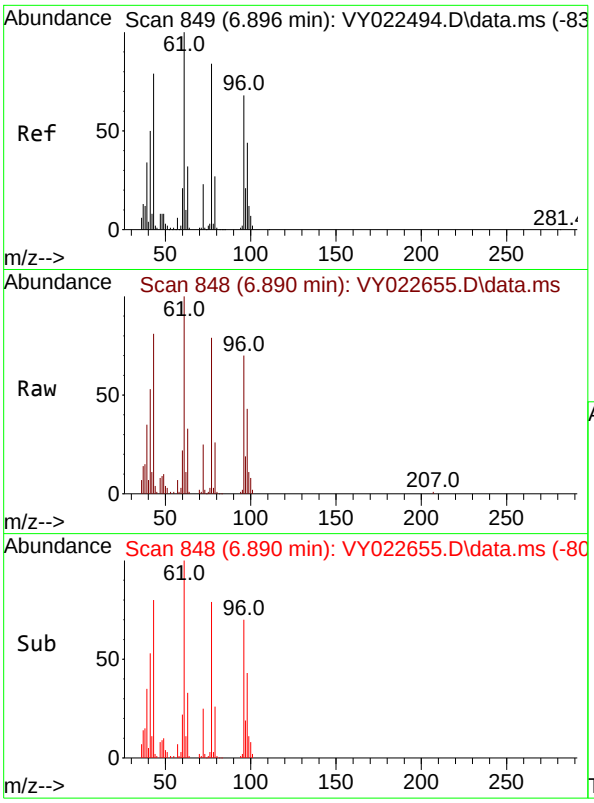


#26
2,2-Dichloropropane
Concen: 20.912 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 77 Resp: 61544

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.2



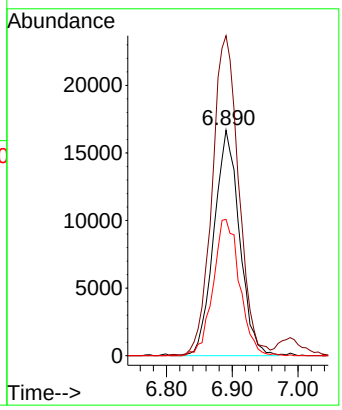


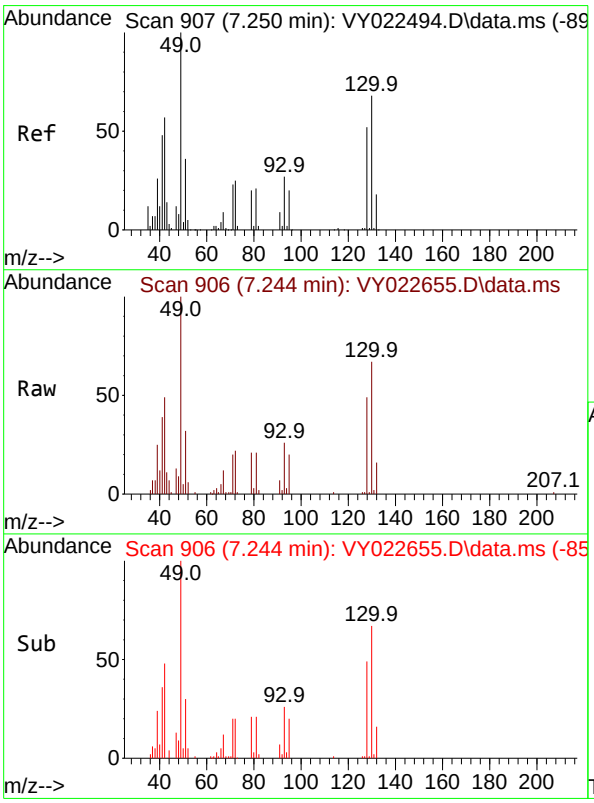
#27
cis-1,2-Dichloroethene
Concen: 21.567 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 96 Resp: 45141

Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	290.0
98	62.7	0.0	128.4

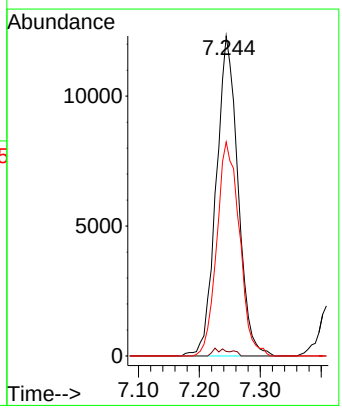


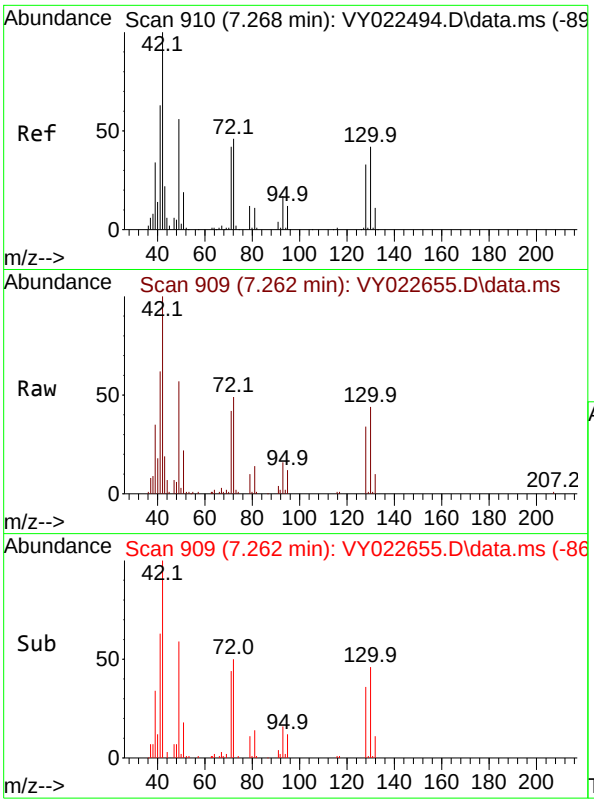


#28
Bromochloromethane
Concen: 21.045 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 49 Resp: 30556

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.6	55.7	83.5



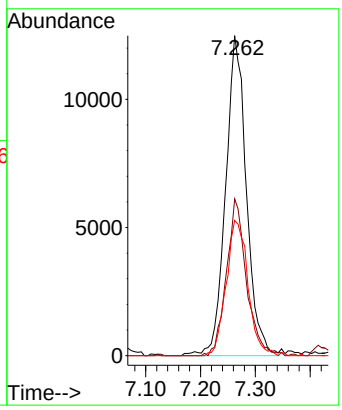


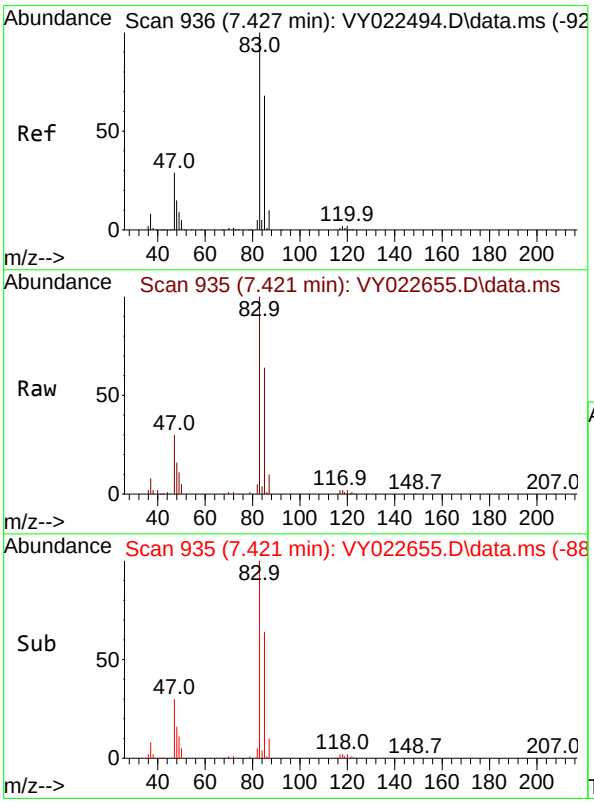
#29
Tetrahydrofuran
Concen: 100.986 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 42 Resp: 32926

Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.4	56.2
71	44.2	34.2	51.2

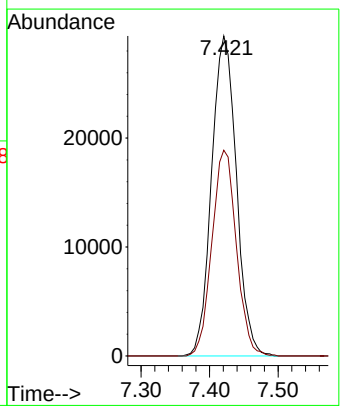


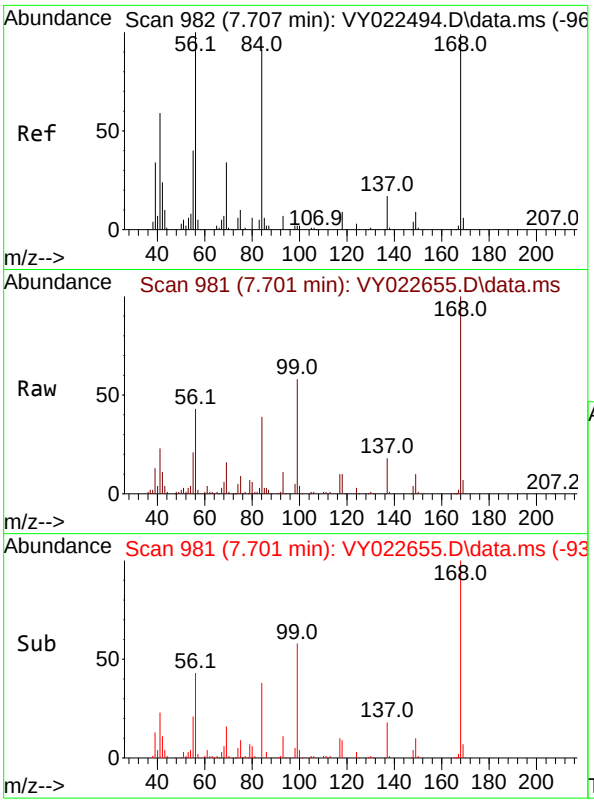


#30
Chloroform
Concen: 22.360 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 83 Resp: 73770

Ion	Ratio	Lower	Upper
83	100		
85	64.3	54.2	81.4



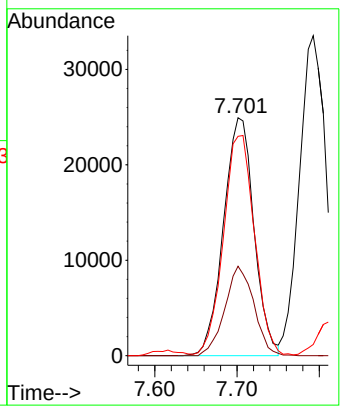


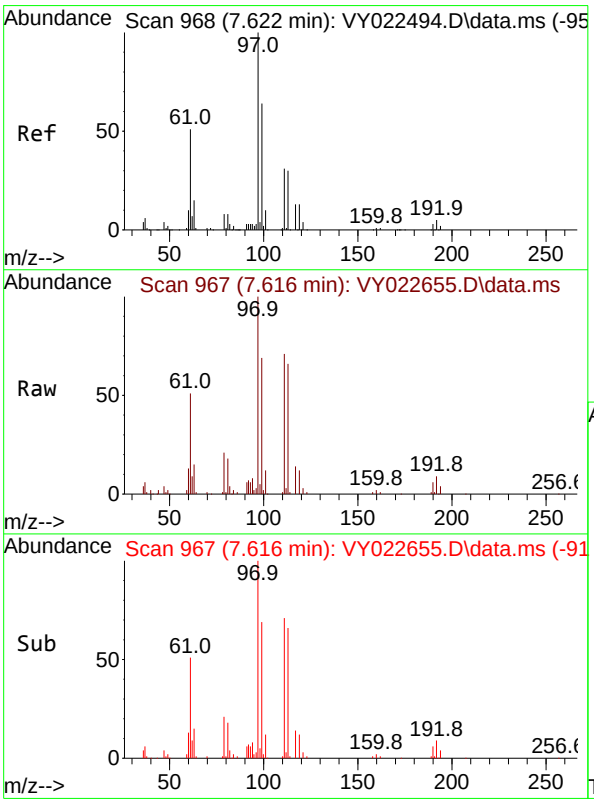
#31
Cyclohexane
Concen: 19.382 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 56 Resp: 64272

Ion	Ratio	Lower	Upper
56	100		
69	37.6	27.0	40.6
84	90.9	72.6	109.0

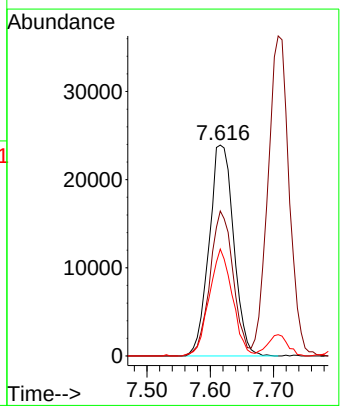


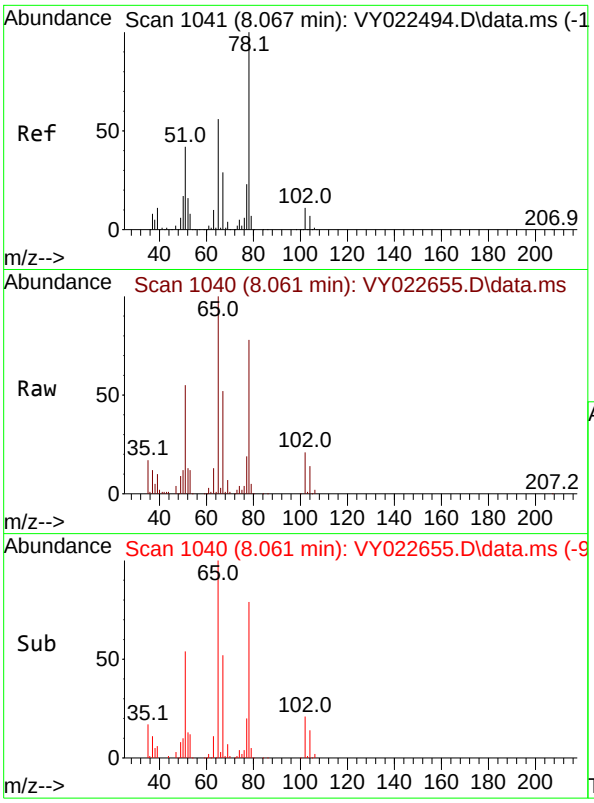


#32
1,1,1-Trichloroethane
Concen: 22.053 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 97 Resp: 64586

Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.9	76.3
61	47.9	38.5	57.7



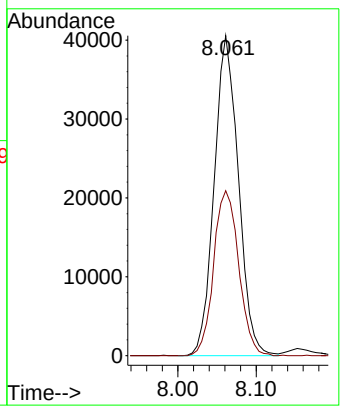


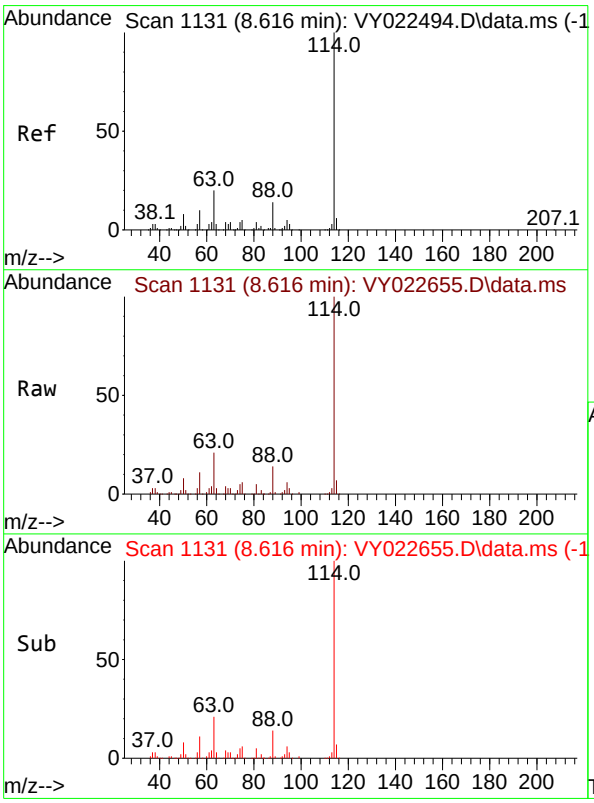
#33
1,2-Dichloroethane-d4
Concen: 50.486 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 65 Resp: 87123

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	103.4

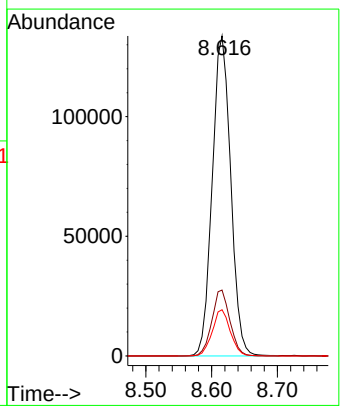


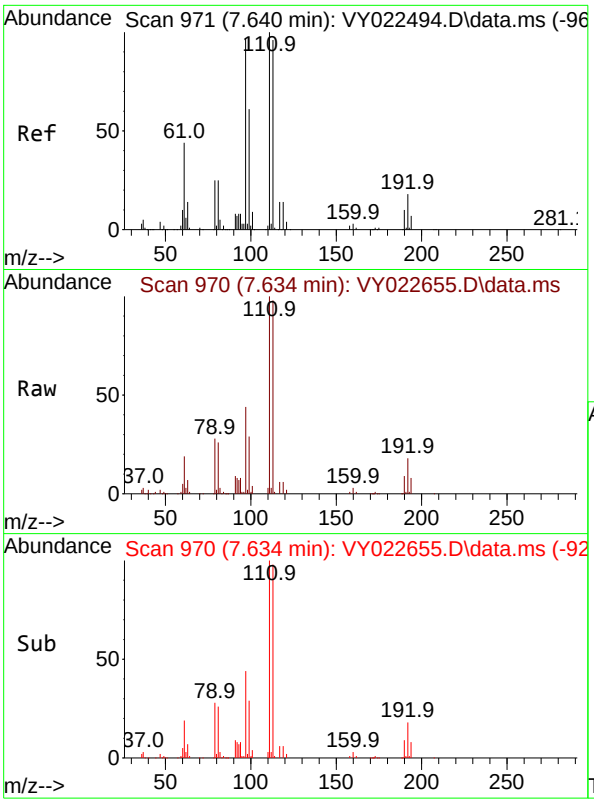


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:114 Resp: 261377

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	14.4	0.0	27.8



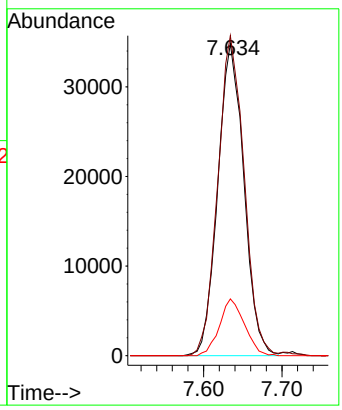


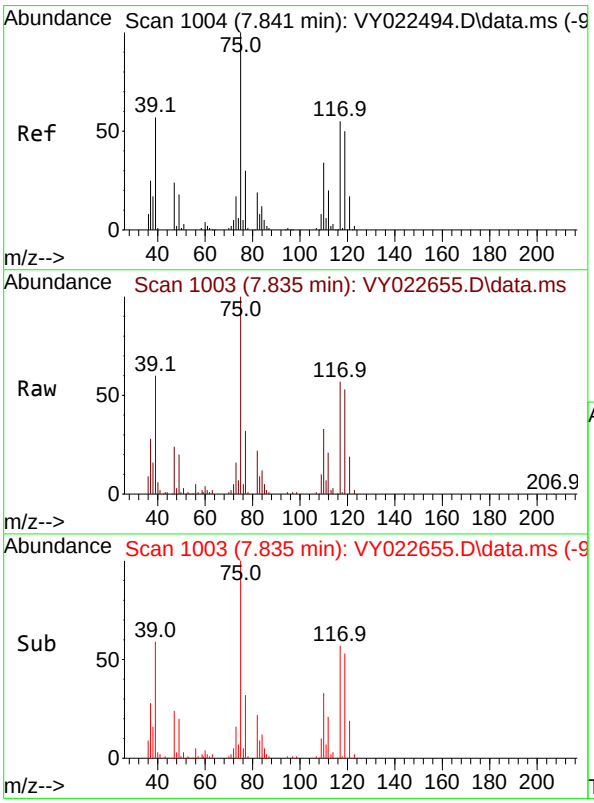
#35
Dibromofluoromethane
Concen: 51.570 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:113 Resp: 80454

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.1	121.7
192	17.5	14.2	21.2

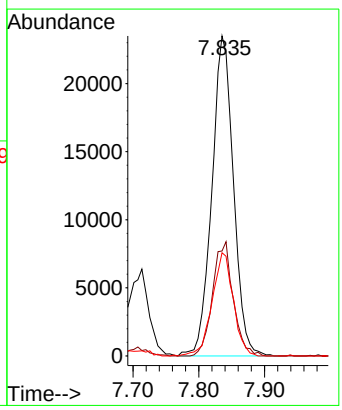


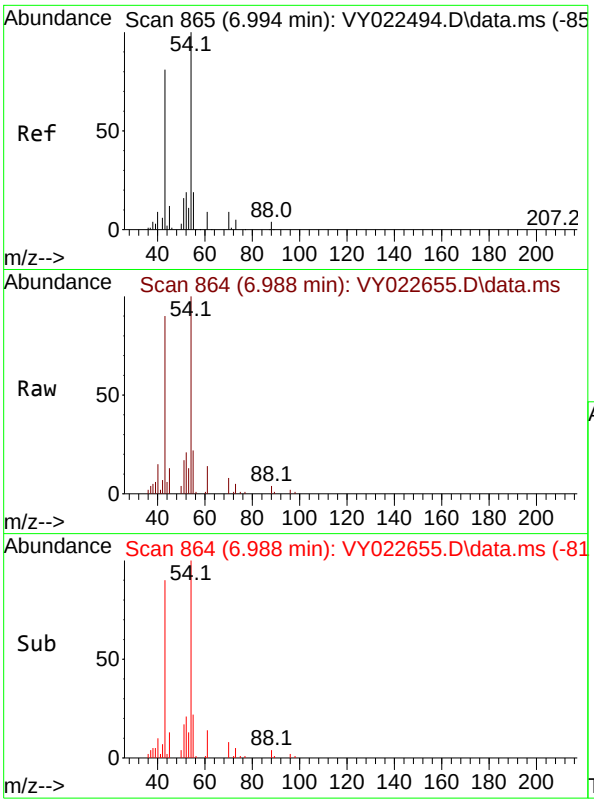


#36
1,1-Dichloropropene
Concen: 21.243 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 53788

Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.9	50.7
77	31.6	24.8	37.2



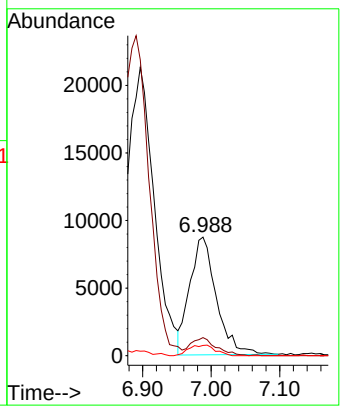


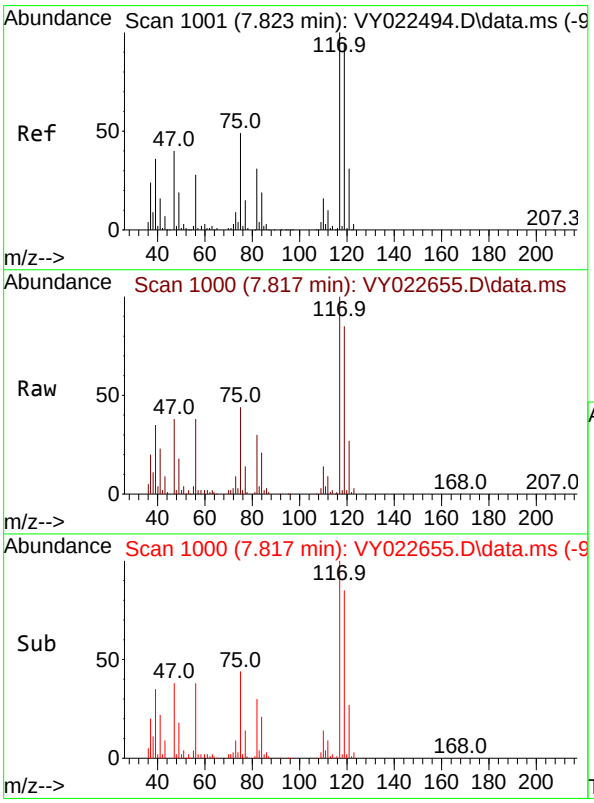
#37
Ethyl Acetate
Concen: 20.801 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 43 Resp: 23488

Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.5	17.3
70	9.0	7.2	10.8

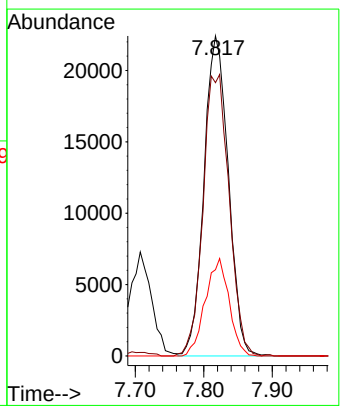


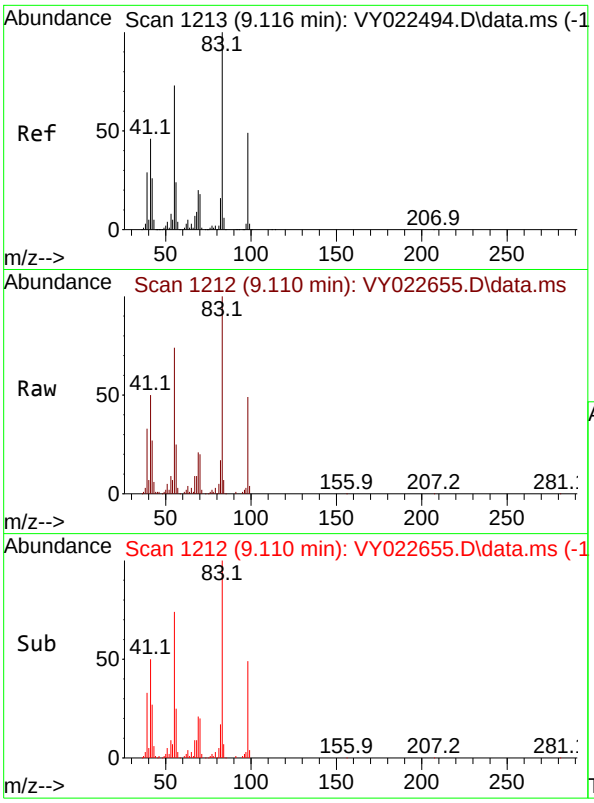


#38
Carbon Tetrachloride
Concen: 21.352 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:117 Resp: 55462

Ion	Ratio	Lower	Upper
117	100		
119	85.4	75.0	112.6
121	26.9	25.0	37.4



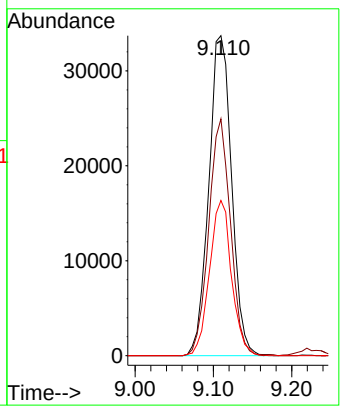


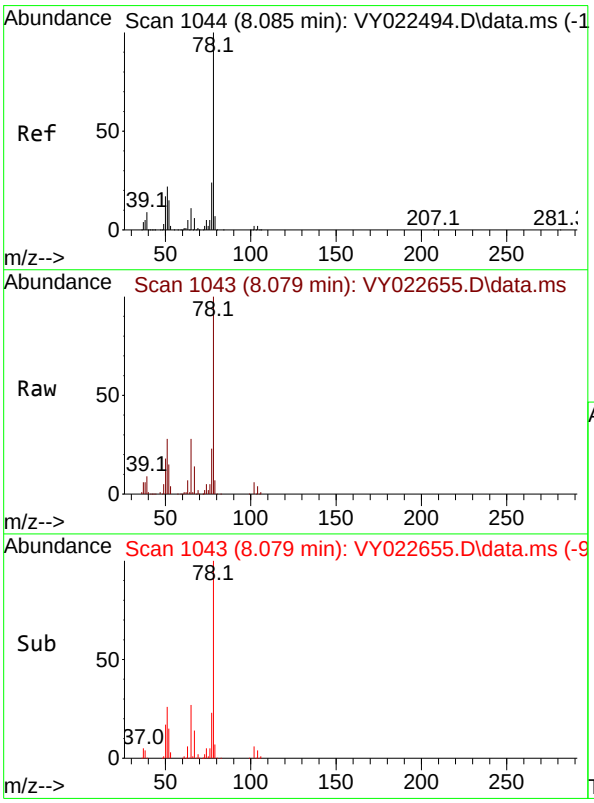
#39
Methylcyclohexane
Concen: 20.022 ug/l
RT: 9.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 83 Resp: 68129

Ion	Ratio	Lower	Upper
83	100		
55	74.0	58.1	87.1
98	48.5	39.0	58.6

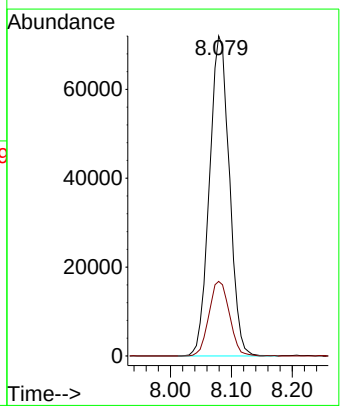


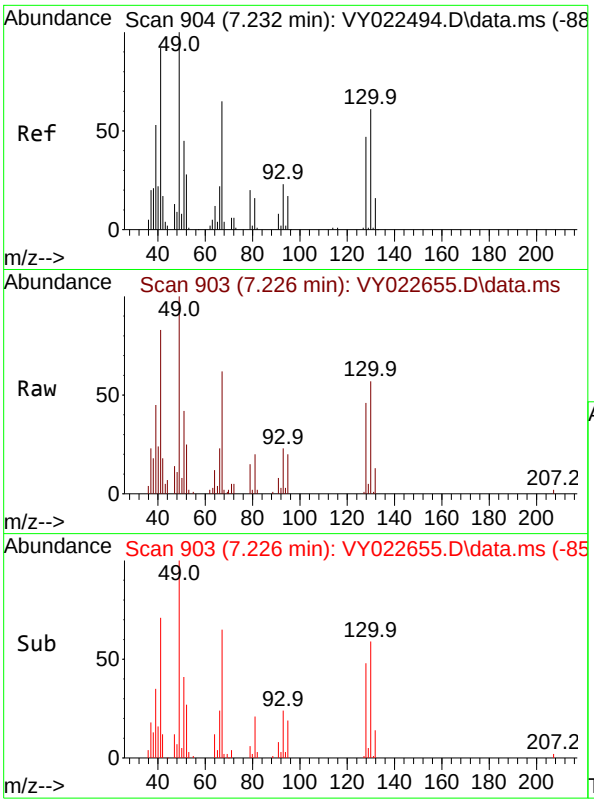


#40
Benzene
Concen: 21.851 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 78 Resp: 163413

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9



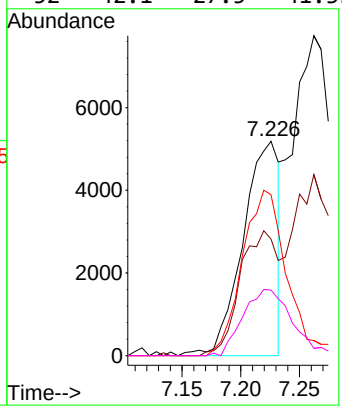


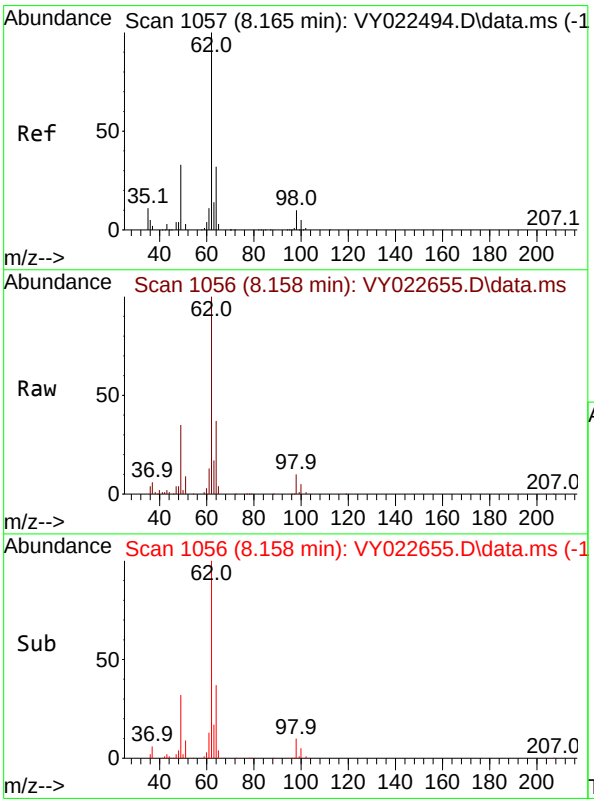
#41
Methacrylonitrile
Concen: 16.769 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 41 Resp: 11060

Ion	Ratio	Lower	Upper
41	100		
39	59.8	46.6	69.8
67	95.1	63.3	94.9#
52	42.1	27.5	41.3#

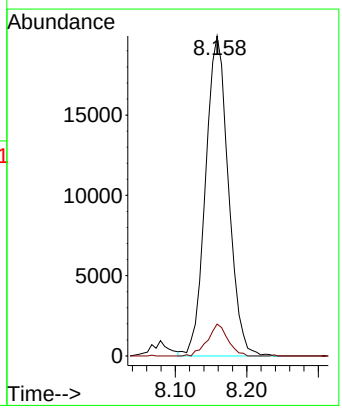


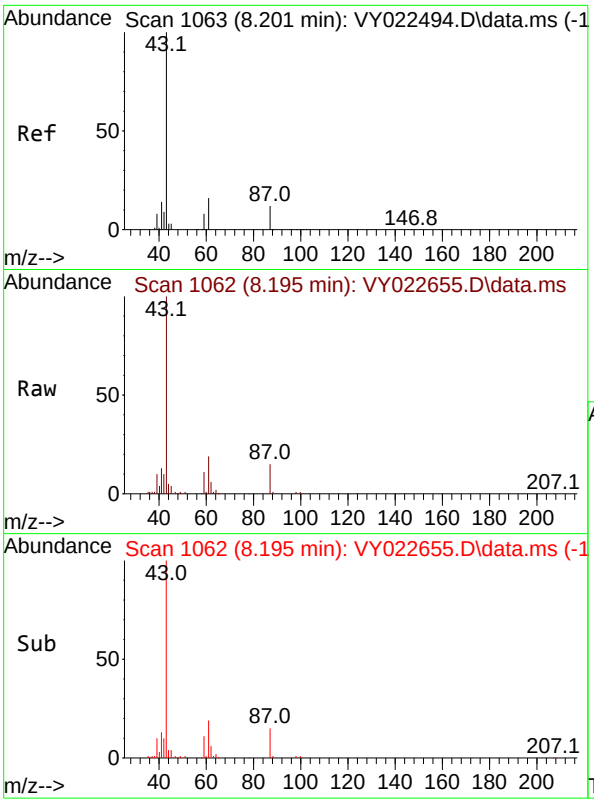


#42
1,2-Dichloroethane
Concen: 21.660 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 62 Resp: 44229

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2



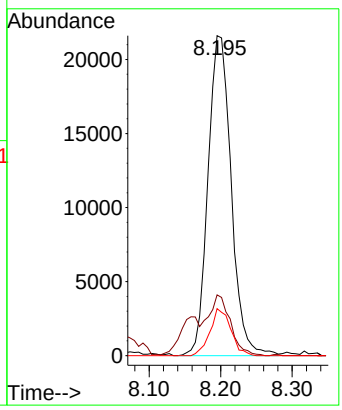


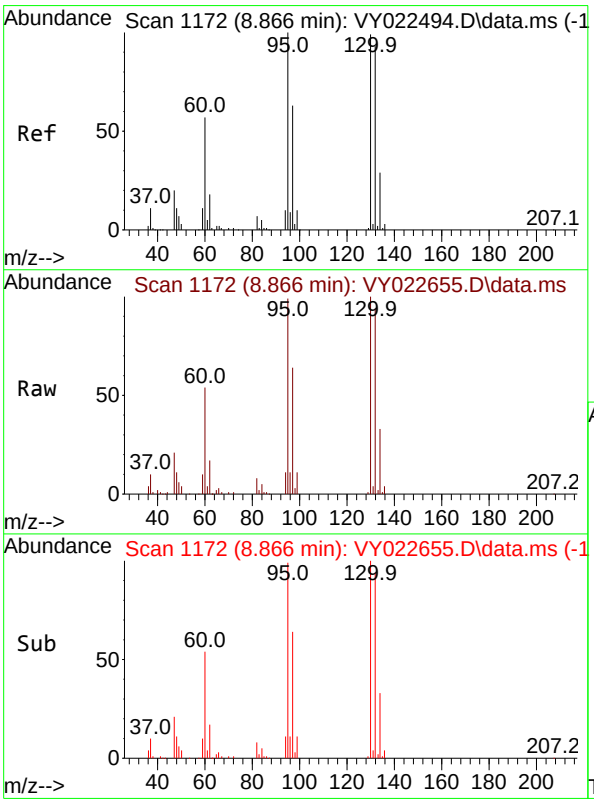
#43
Isopropyl Acetate
Concen: 19.992 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 43 Resp: 48754

Ion	Ratio	Lower	Upper
43	100		
61	16.7	15.6	23.4
87	13.2	10.2	15.4

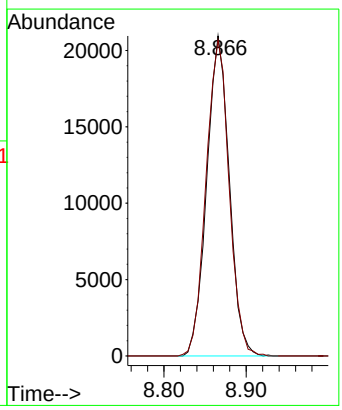


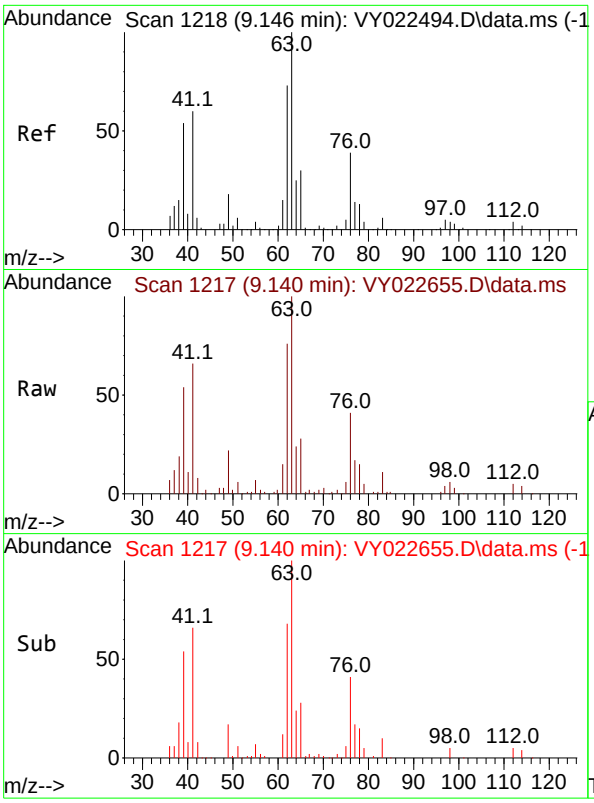


#44
Trichloroethene
Concen: 21.815 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:130 Resp: 39874

Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	203.0



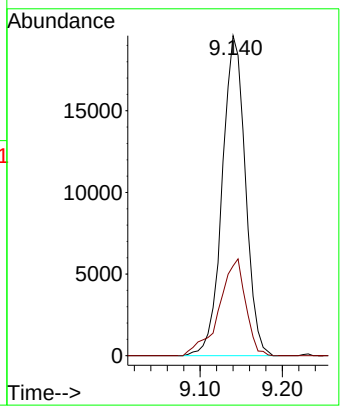


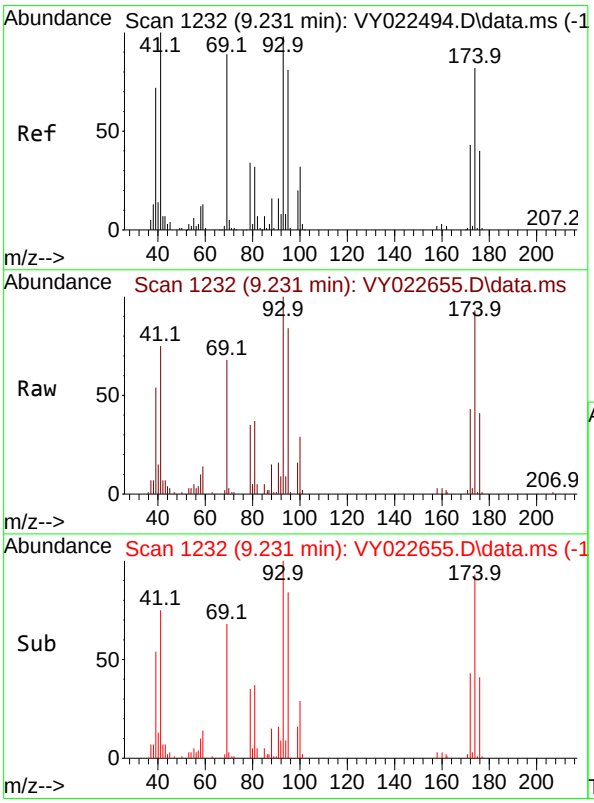
#45
1,2-Dichloropropane
Concen: 21.729 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 63 Resp: 38405

Ion	Ratio	Lower	Upper
63	100		
65	28.0	24.0	36.0

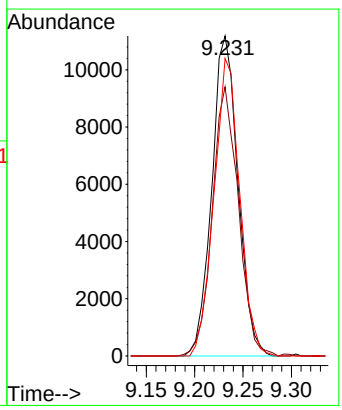


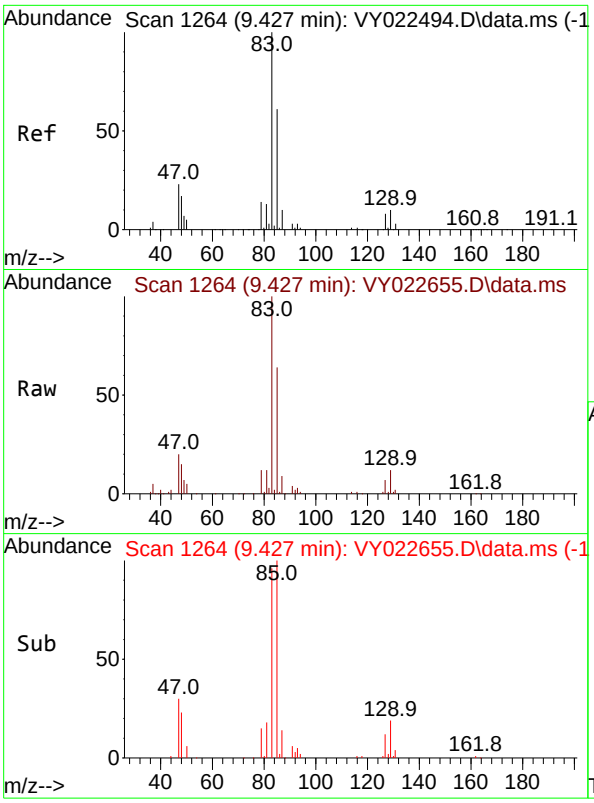


#46
Dibromomethane
Concen: 21.164 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 93 Resp: 21044

Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.6	98.4
174	91.3	70.4	105.6



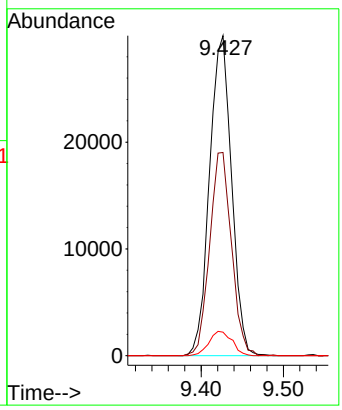


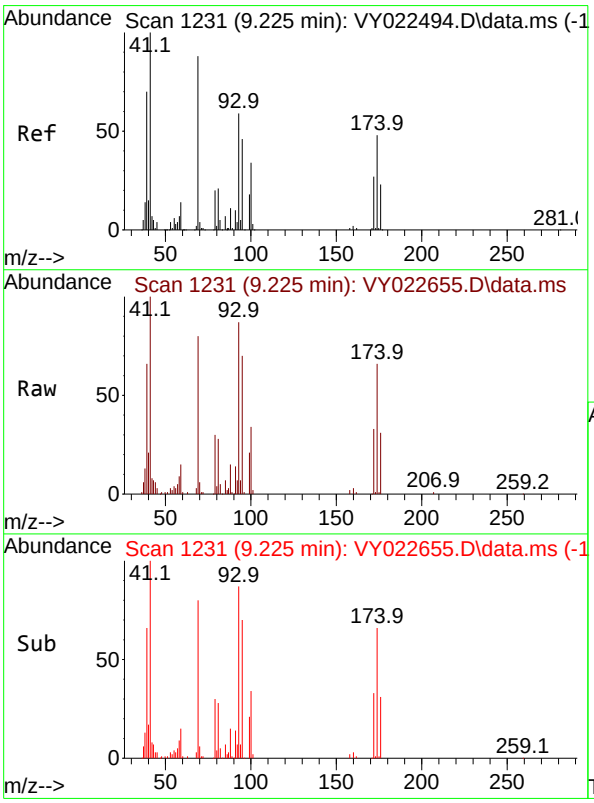
#47
Bromodichloromethane
Concen: 22.084 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 83 Resp: 55680

Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.1	73.7
127	7.3	6.2	9.4

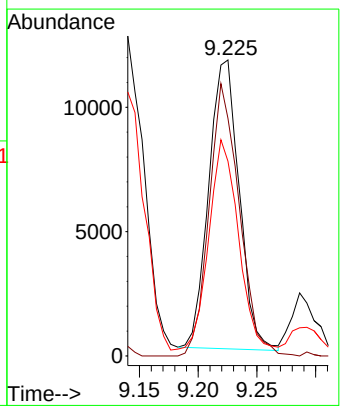


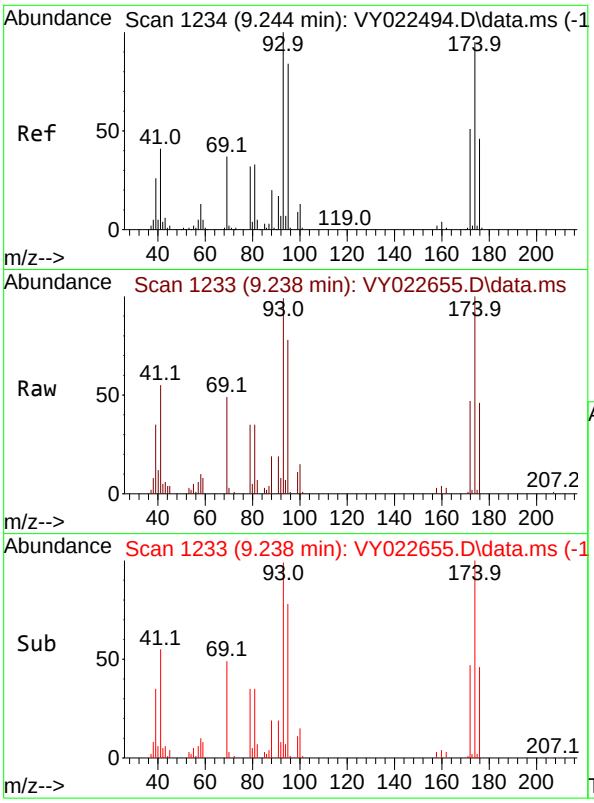


#48
Methyl methacrylate
Concen: 18.316 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 41 Resp: 20964

Ion	Ratio	Lower	Upper
41	100		
69	93.5	67.8	101.8
39	70.8	55.0	82.4



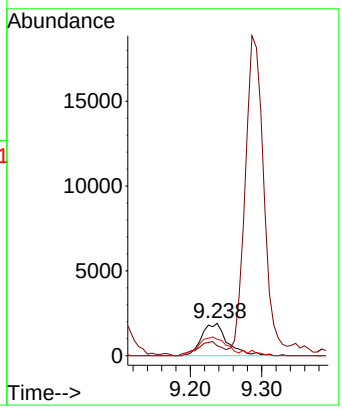


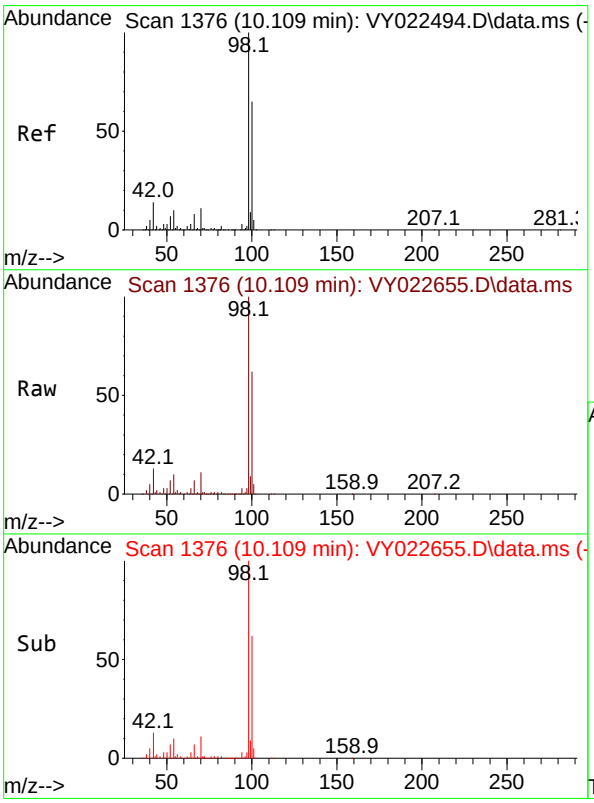
#49
1,4-Dioxane
Concen: 405.855 ug/l
RT: 9.238 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 88 Resp: 4781

Ion	Ratio	Lower	Upper
88	100		
43	39.7	25.4	38.2#
58	61.4	54.9	82.3

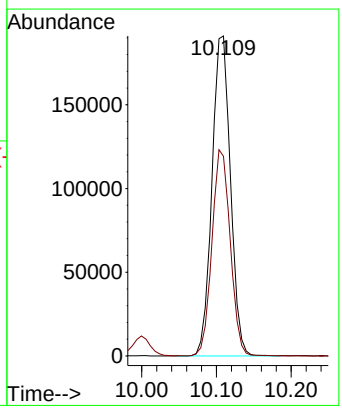


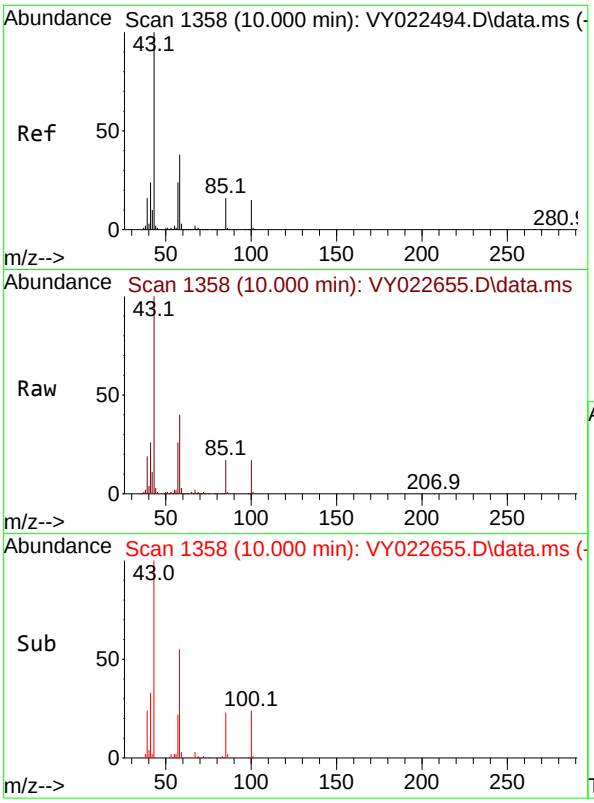


#50
Toluene-d8
Concen: 52.037 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 98 Resp: 328033

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0



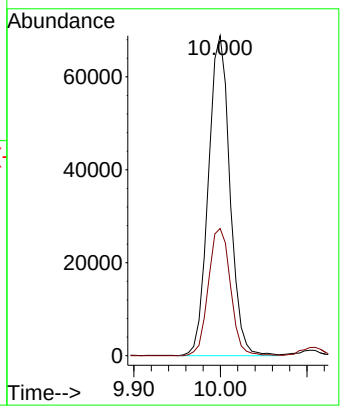


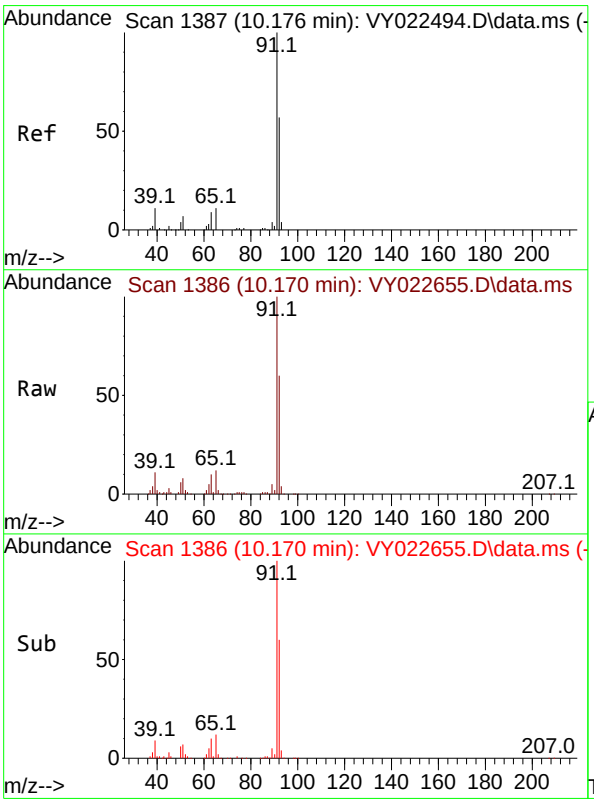
#51
4-Methyl-2-Pentanone
Concen: 98.107 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 43 Resp: 119284

Ion	Ratio	Lower	Upper
43	100		
58	40.7	30.4	45.6

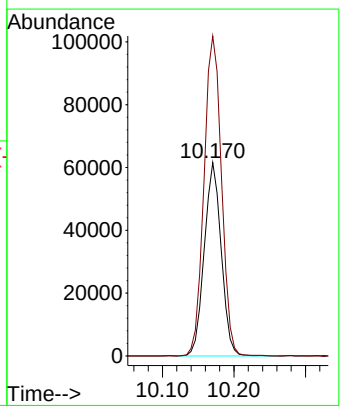


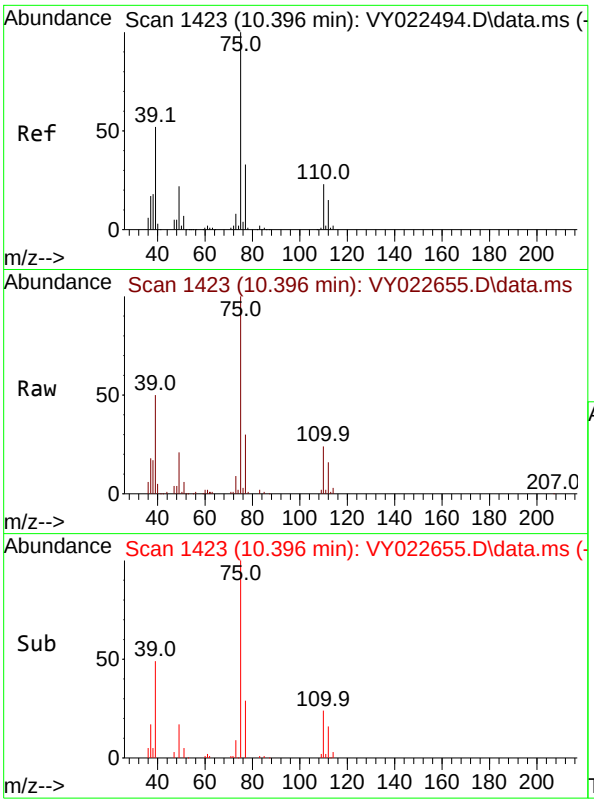


#52
Toluene
Concen: 21.544 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 92 Resp: 101252

Ion	Ratio	Lower	Upper
92	100		
91	171.1	139.0	208.4



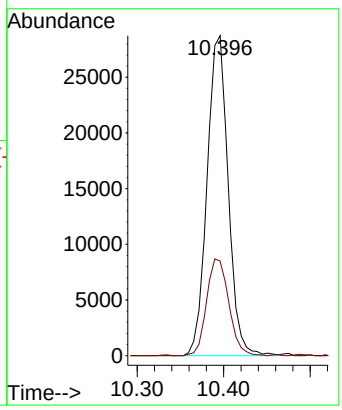


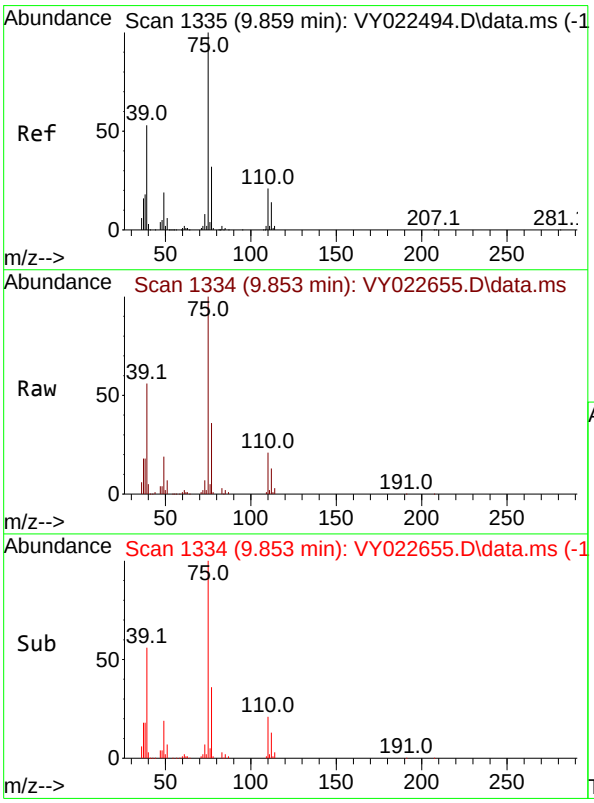
#53
t-1,3-Dichloropropene
Concen: 20.629 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 75 Resp: 48733

Ion	Ratio	Lower	Upper
75	100		
77	29.5	26.5	39.7

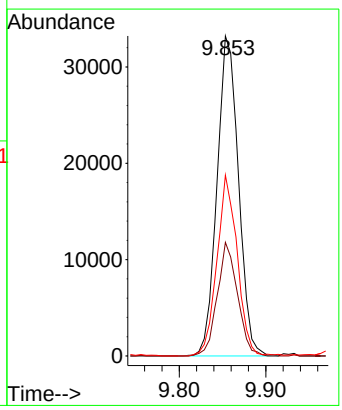


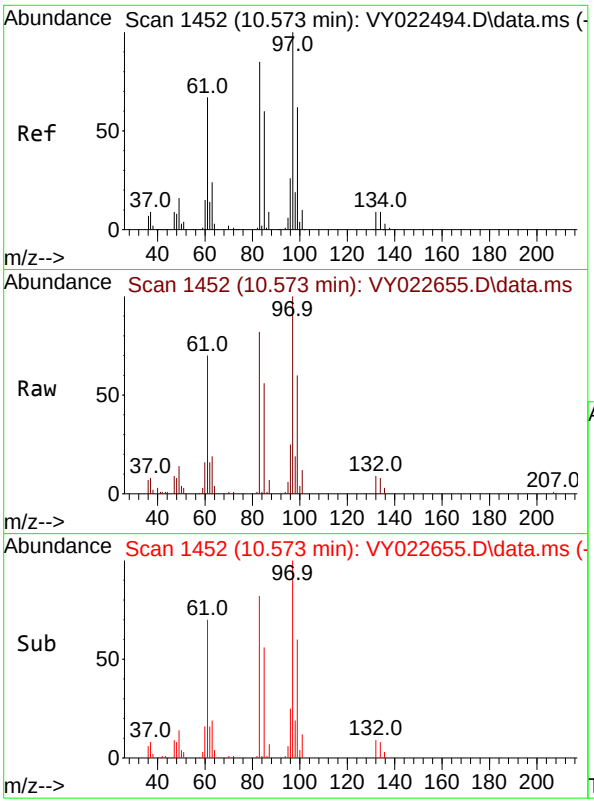


#54
cis-1,3-Dichloropropene
Concen: 20.820 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 57255

Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.3	37.9
39	56.5	42.7	64.1



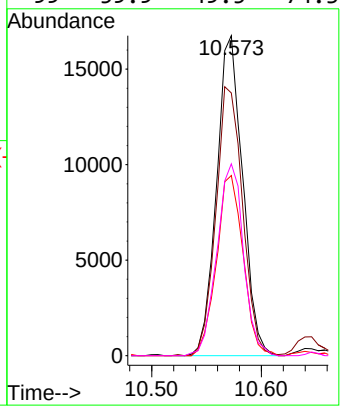


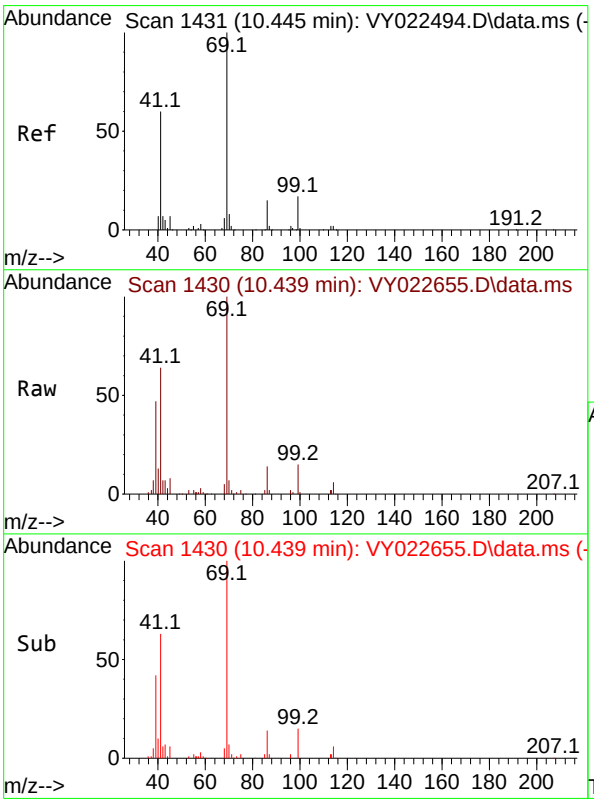
#55
1,1,2-Trichloroethane
Concen: 21.784 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 97 Resp: 27620

Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.1	102.1
85	56.3	48.2	72.2
99	59.9	49.5	74.3

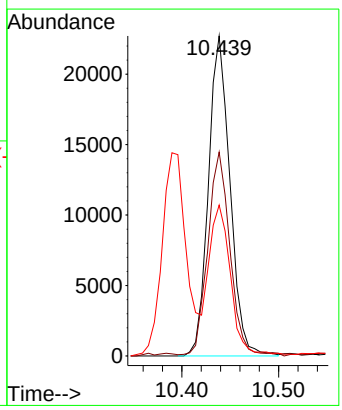


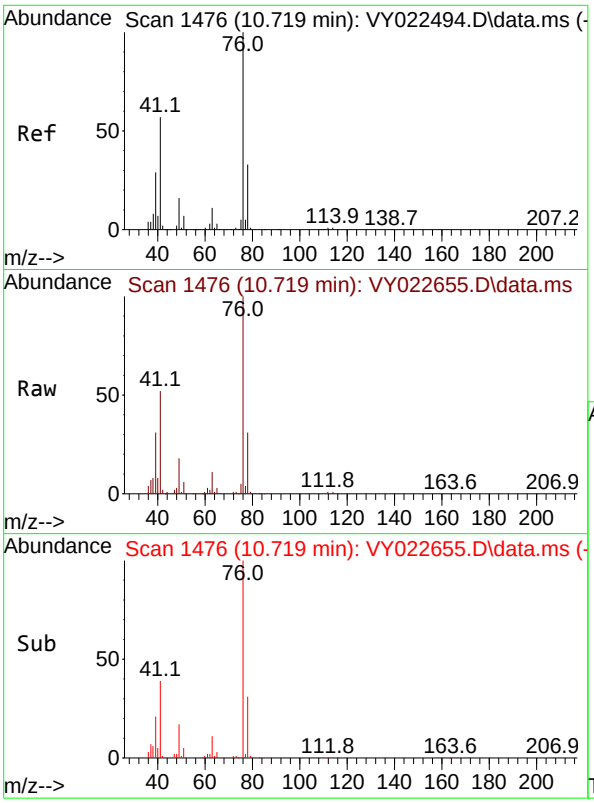


#56
Ethyl methacrylate
Concen: 19.225 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 69 Resp: 35231

Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	47.2	36.7	55.1



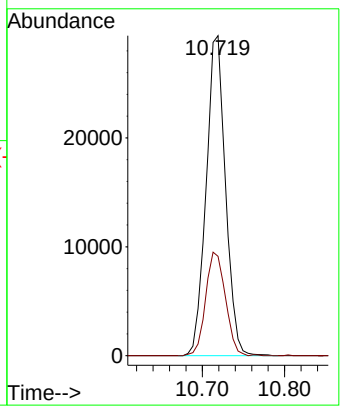


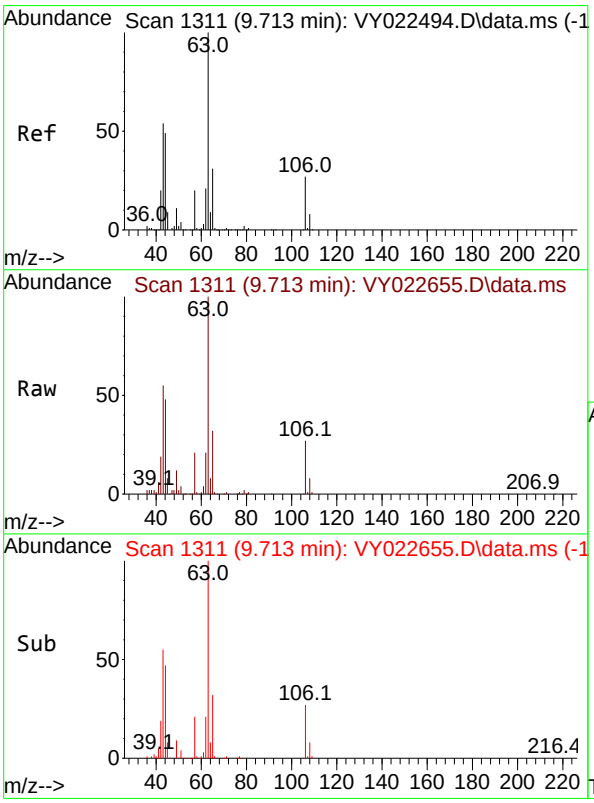
#57
1,3-Dichloropropane
Concen: 21.396 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 76 Resp: 48083

Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.8	38.8

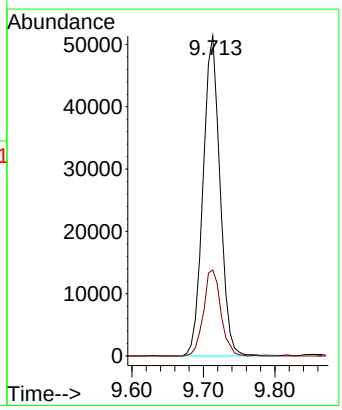


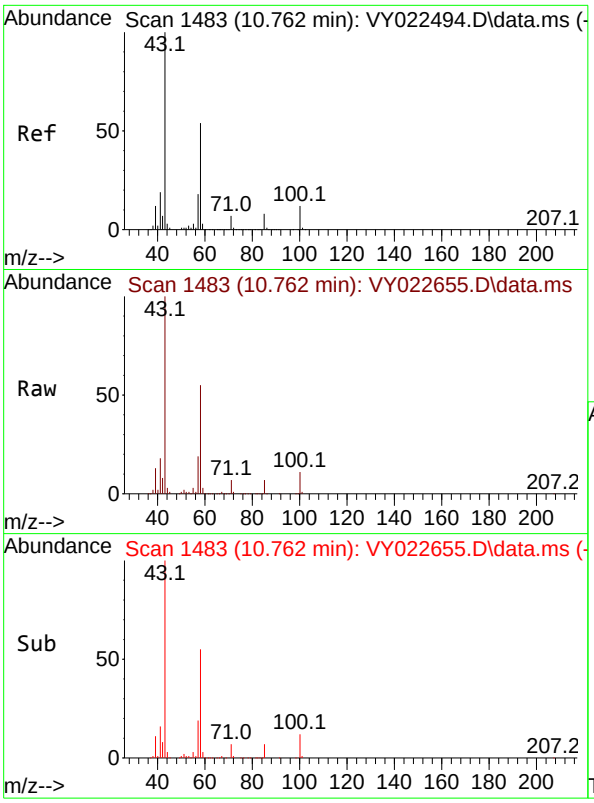


#58
2-Chloroethyl Vinyl ether
Concen: 101.741 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 63 Resp: 84651

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.6	32.4



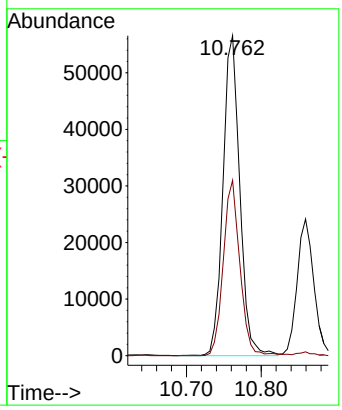


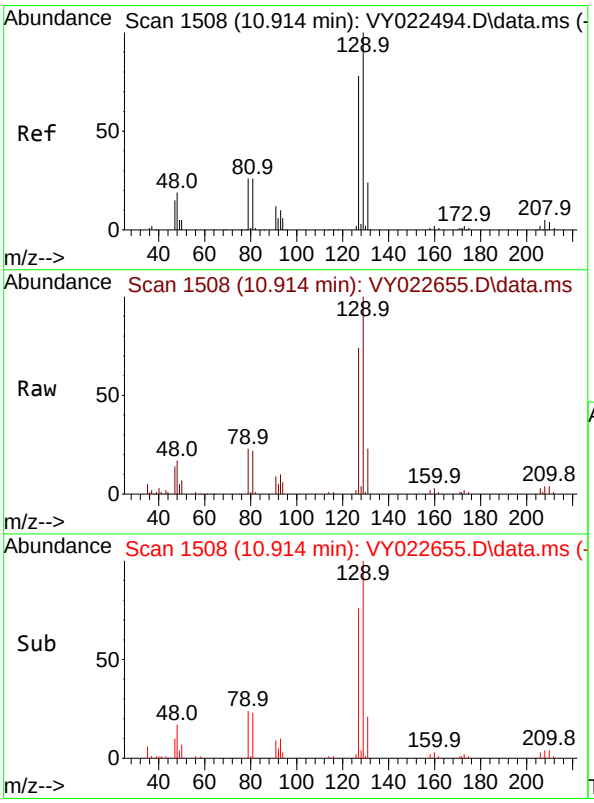
#59
2-Hexanone
Concen: 108.852 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 43 Resp: 88514

Ion	Ratio	Lower	Upper
43	100		
58	54.0	27.3	81.8

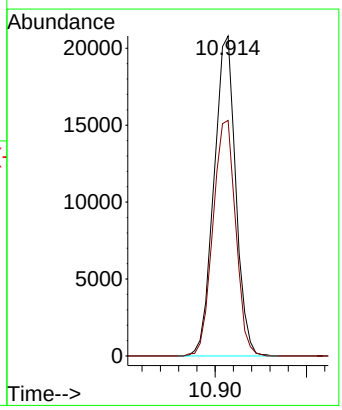


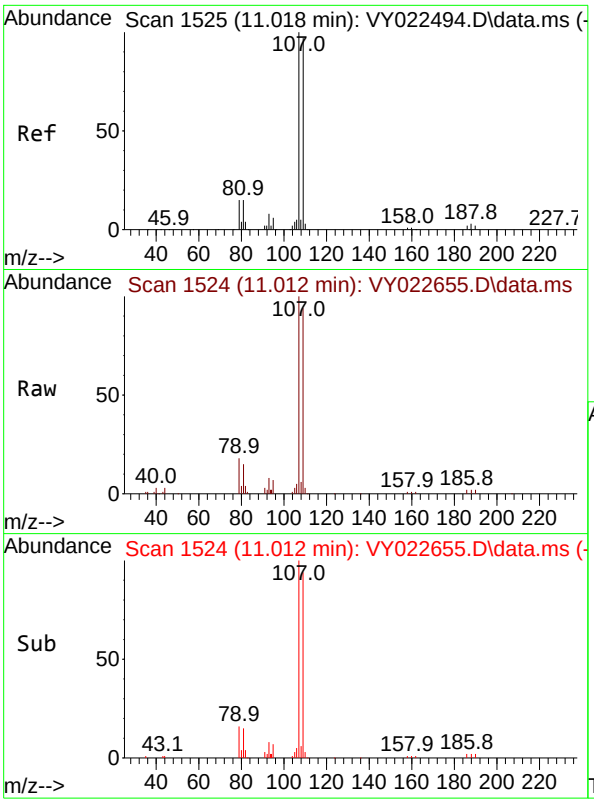


#60
Dibromochloromethane
Concen: 21.352 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:129 Resp: 34405

Ion	Ratio	Lower	Upper
129	100		
127	76.7	39.1	117.2



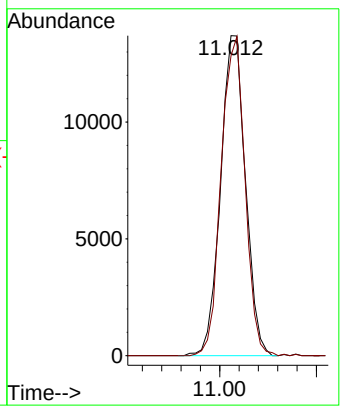


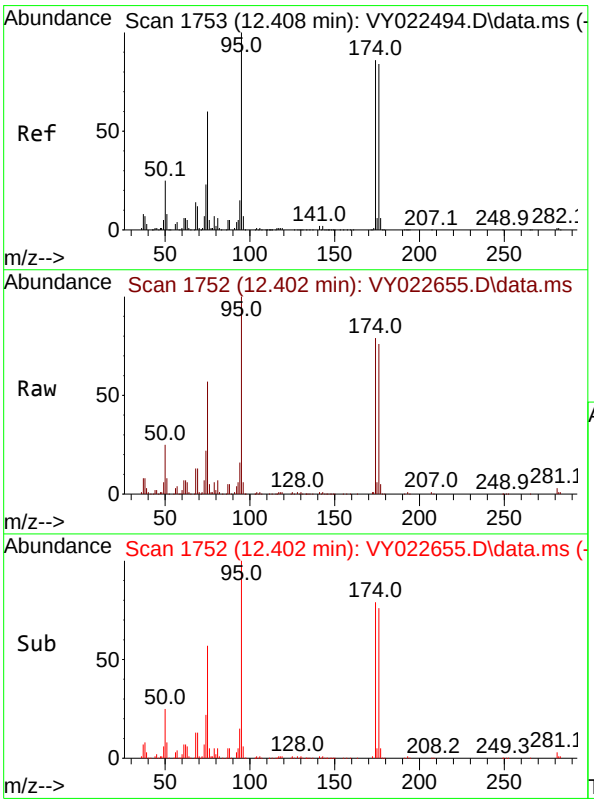
#61
1,2-Dibromoethane
Concen: 21.142 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:107 Resp: 24433

Ion	Ratio	Lower	Upper
107	100		
109	95.5	77.7	116.5

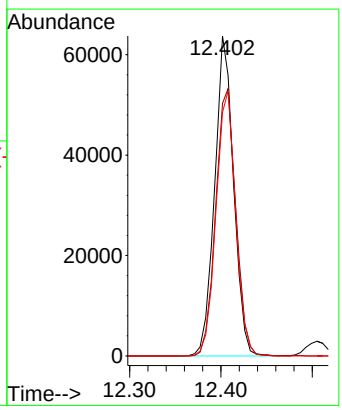


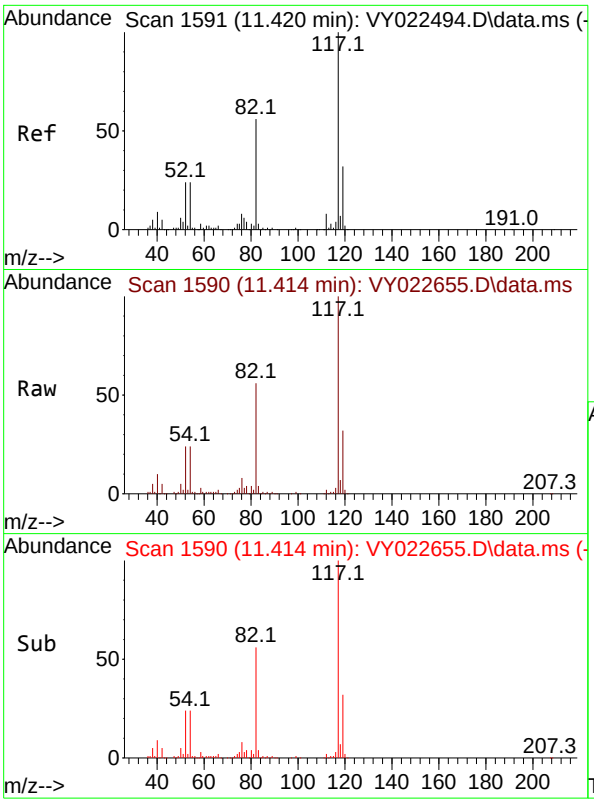


#62
4-Bromofluorobenzene
Concen: 48.779 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 95 Resp: 91618

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	170.0
176	86.0	0.0	166.2



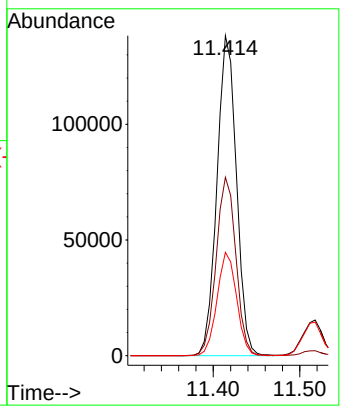


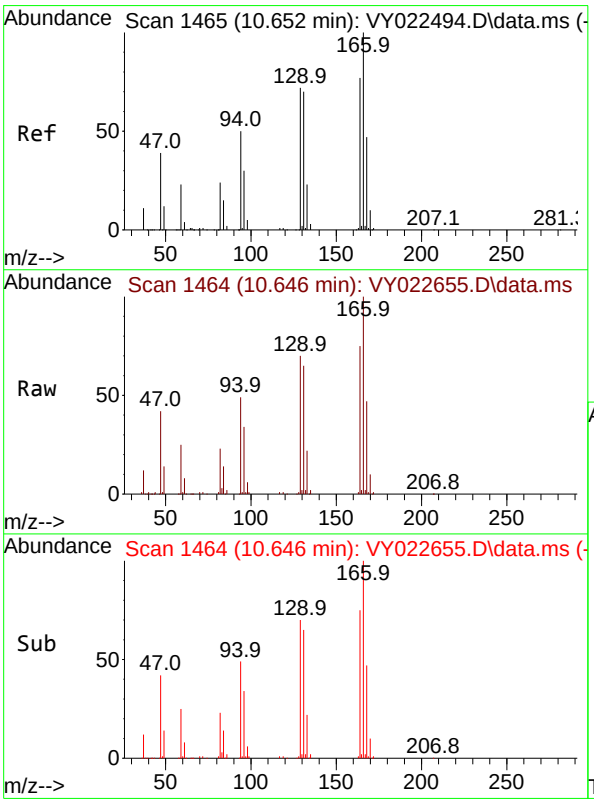
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:117 Resp: 216375

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	32.3	25.4	38.0

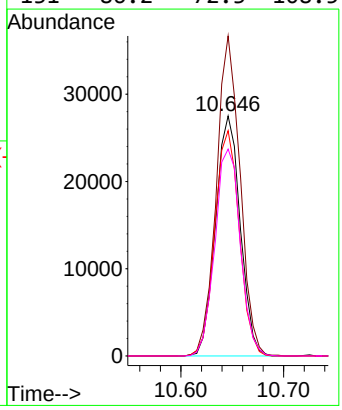


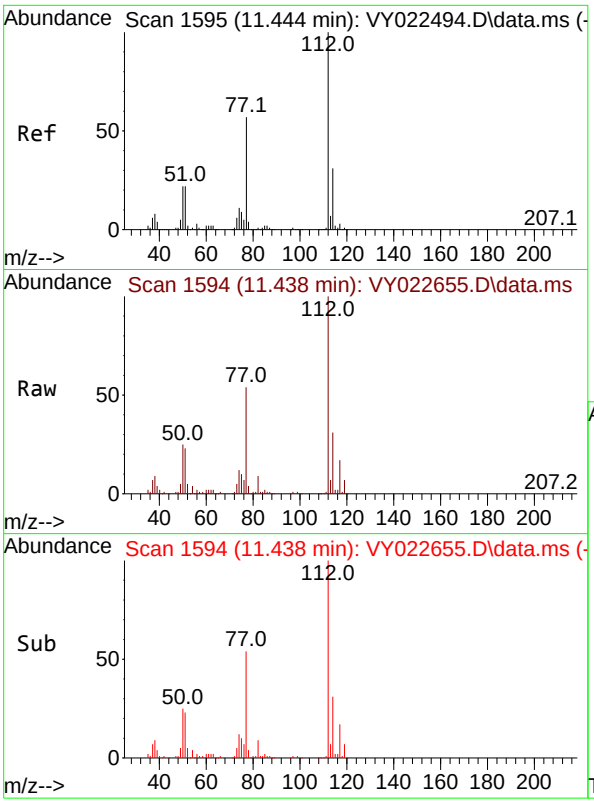


#64
Tetrachloroethene
Concen: 24.611 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:164 Resp: 45809

Ion	Ratio	Lower	Upper
164	100		
166	133.4	104.0	156.0
129	93.9	74.5	111.7
131	86.2	72.3	108.5



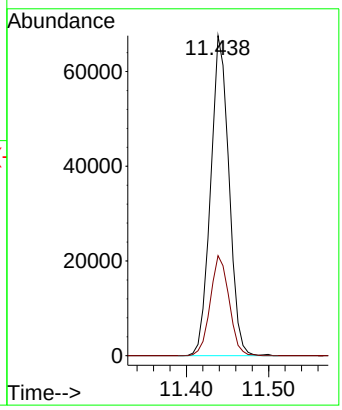


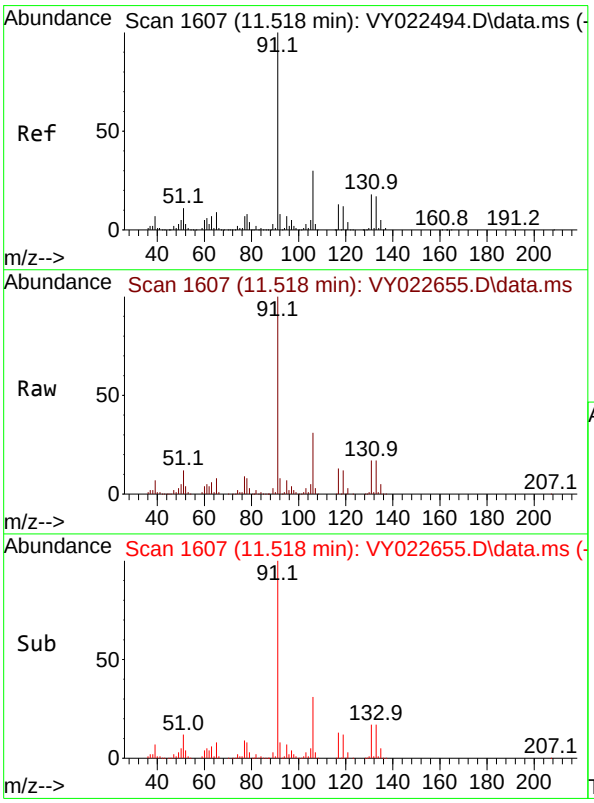
#65
Chlorobenzene
Concen: 21.864 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:112 Resp: 104686

Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.0	37.6

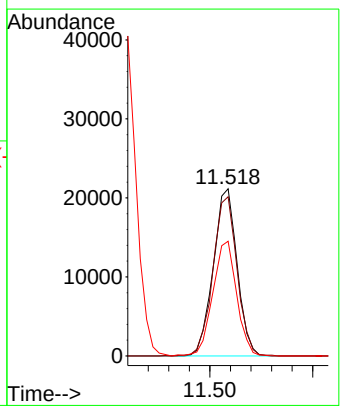


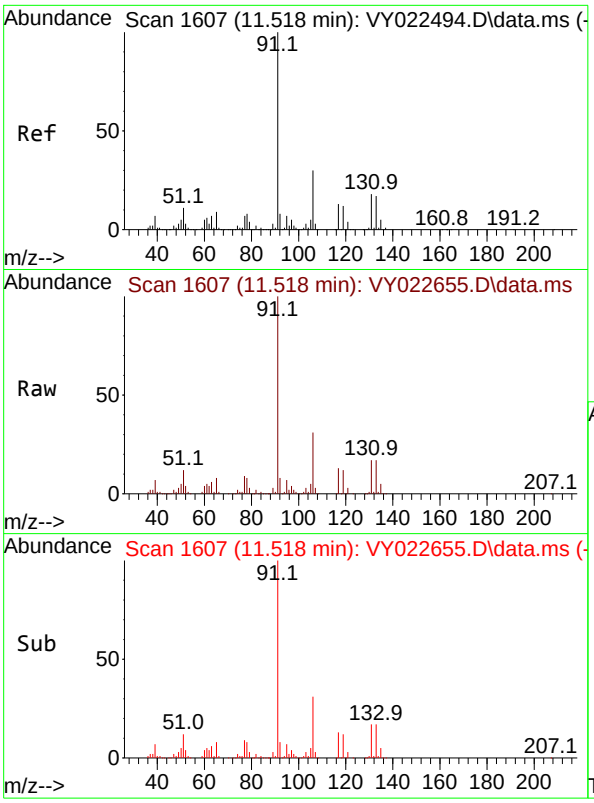


#66
1,1,1,2-Tetrachloroethane
Concen: 21.071 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:131 Resp: 33988

Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	141.8
119	68.8	33.1	99.3



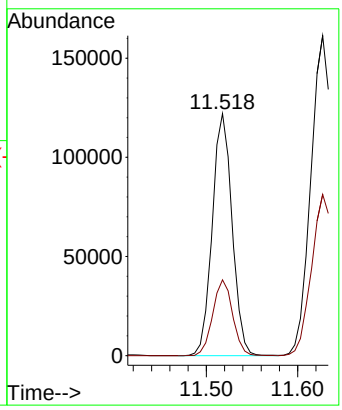


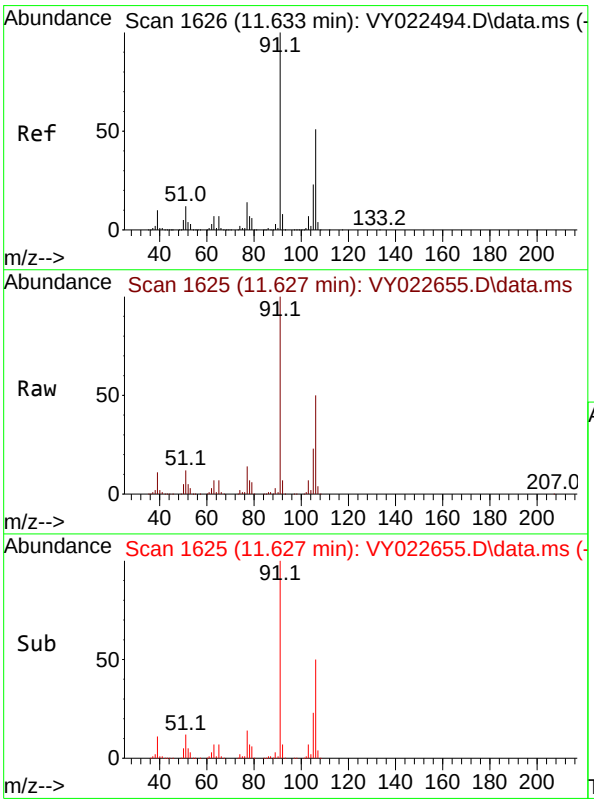
#67
Ethyl Benzene
Concen: 20.745 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 91 Resp: 184235

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.2	36.4

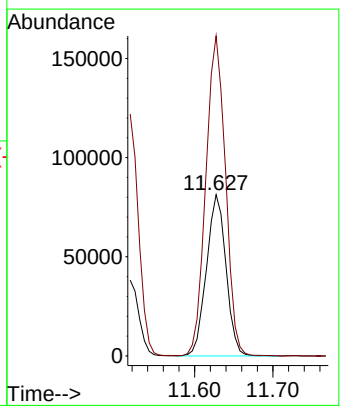


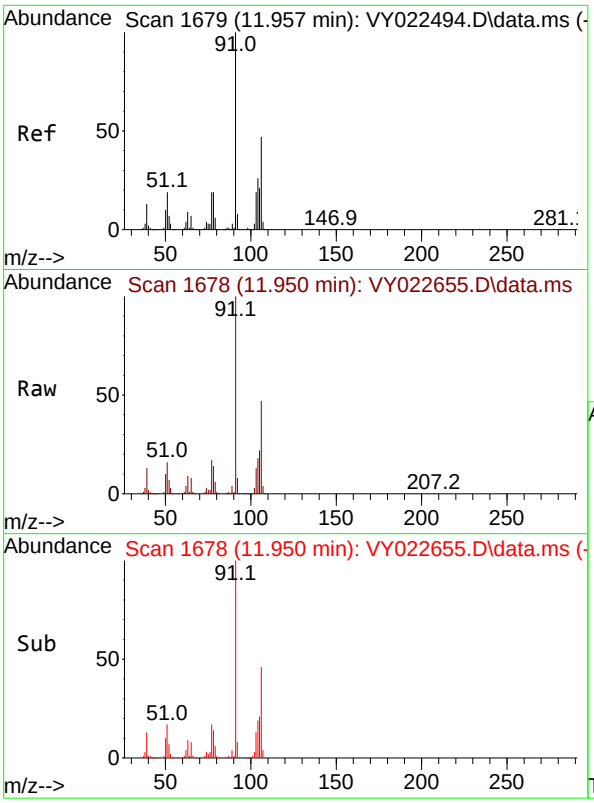


#68
m/p-Xylenes
Concen: 41.839 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:106 Resp: 140858

Ion	Ratio	Lower	Upper
106	100		
91	199.7	159.4	239.0



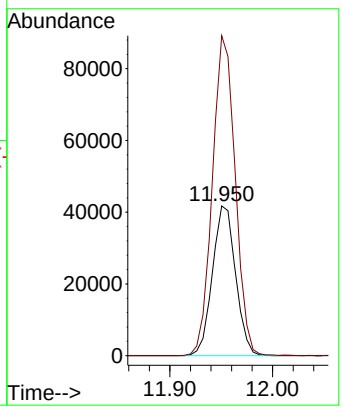


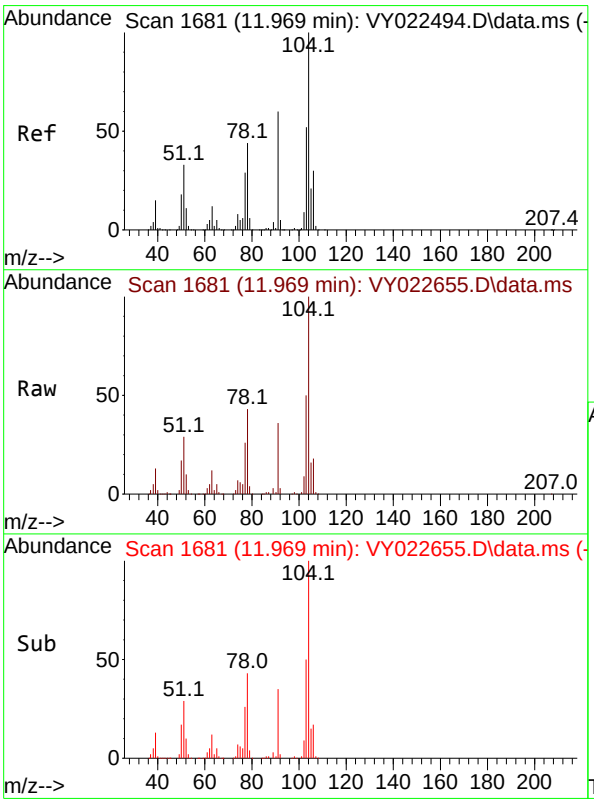
#69
o-Xylene
Concen: 20.690 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:106 Resp: 65306

Ion	Ratio	Lower	Upper
106	100		
91	210.9	105.8	317.3

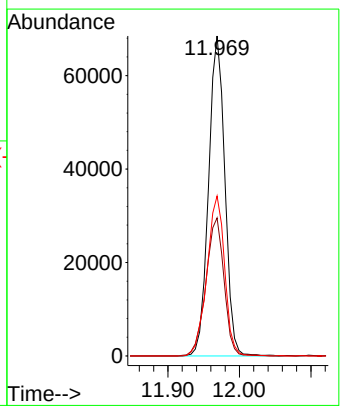


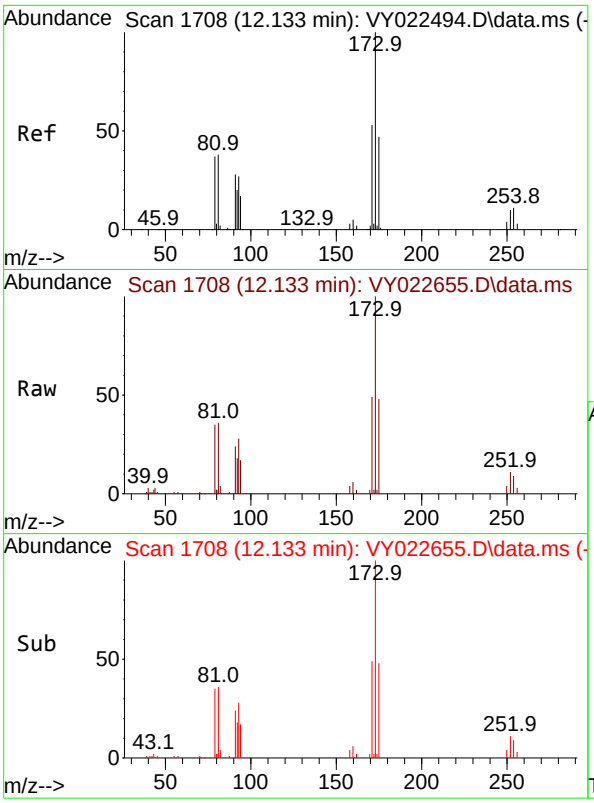


#70
Styrene
Concen: 20.781 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:104 Resp: 108428

Ion	Ratio	Lower	Upper
104	100		
78	47.9	39.5	59.3
103	54.2	44.1	66.1



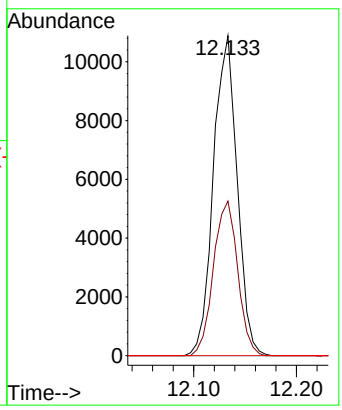


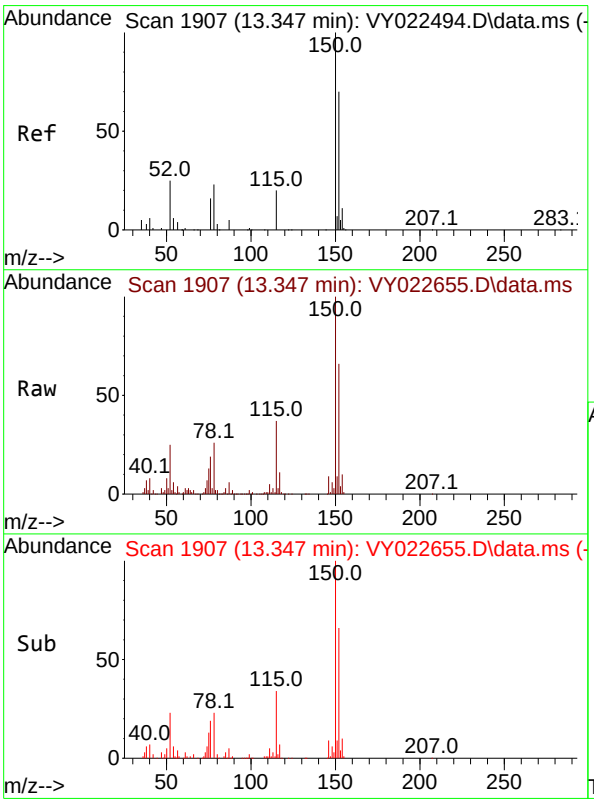
#71
Bromoform
Concen: 20.322 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:173 Resp: 17443

Ion	Ratio	Lower	Upper
173	100		
175	49.4	23.8	71.5
254	0.0	0.0	0.0

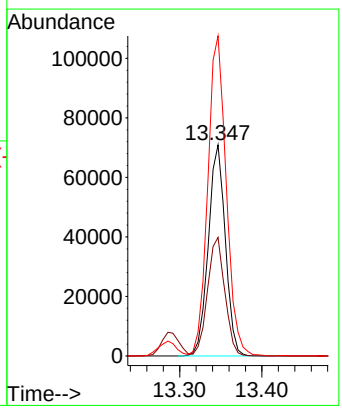


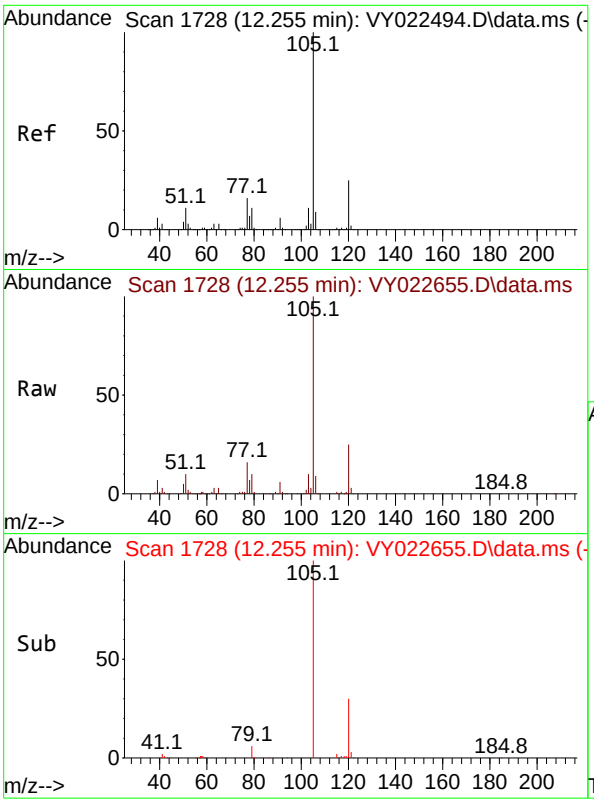


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:152 Resp: 102308

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.9	86.7
150	163.6	0.0	349.6



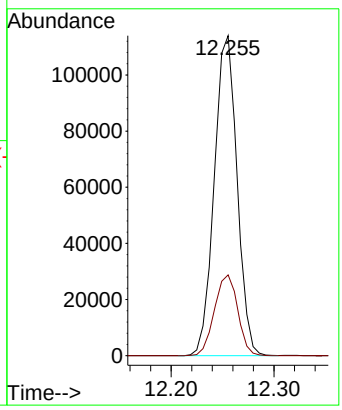


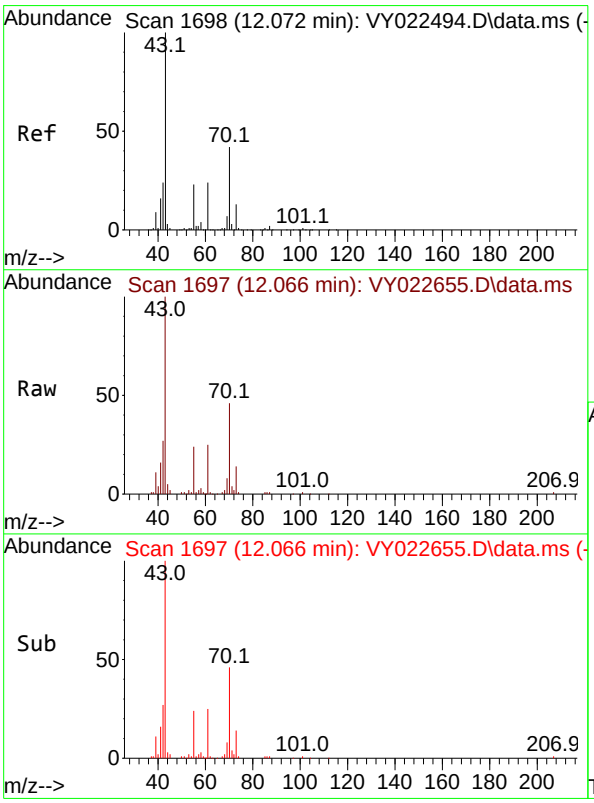
#73
Isopropylbenzene
Concen: 20.874 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:105 Resp: 175327

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.0	38.9

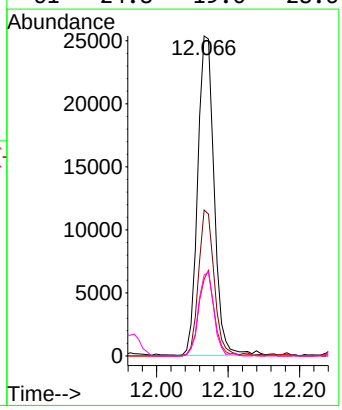


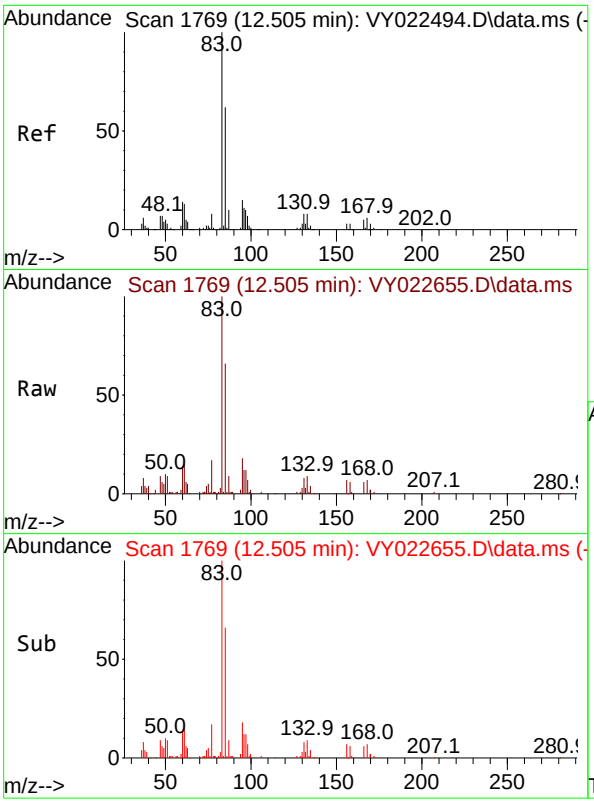


#74
N-amyl acetate
Concen: 19.083 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 43 Resp: 40443

Ion	Ratio	Lower	Upper
43	100		
70	43.3	34.2	51.2
55	25.2	18.2	27.4
61	24.8	19.0	28.6



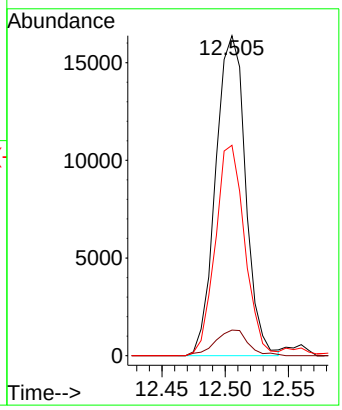


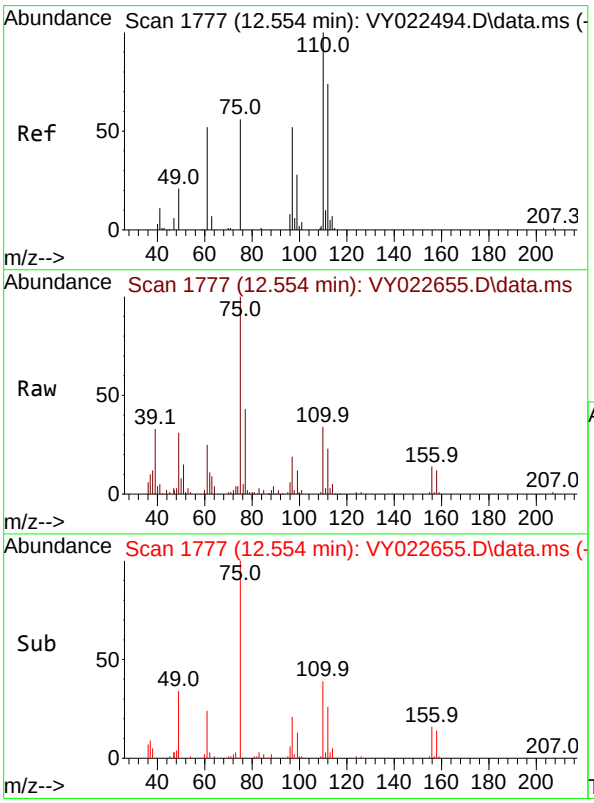
#75
1,1,2,2-Tetrachloroethane
Concen: 19.484 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 83 Resp: 26860

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.9	14.7
85	64.8	32.6	97.8

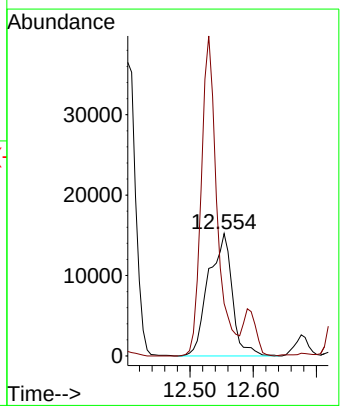


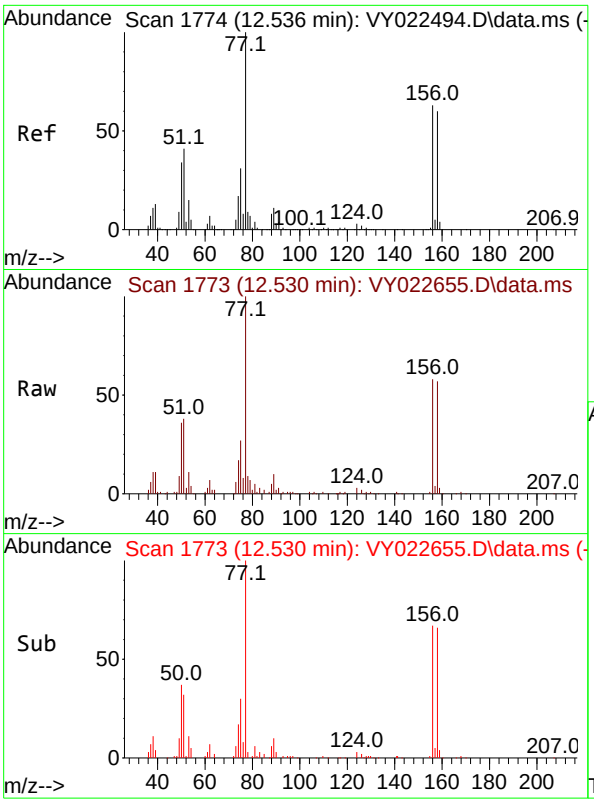


#76
1,2,3-Trichloropropane
Concen: 33.933 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 39716

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



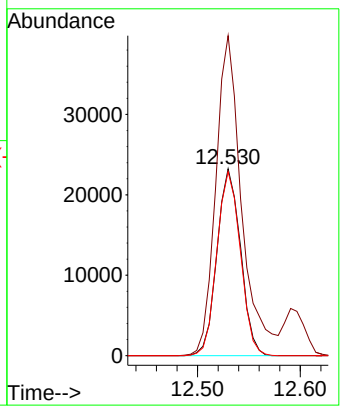


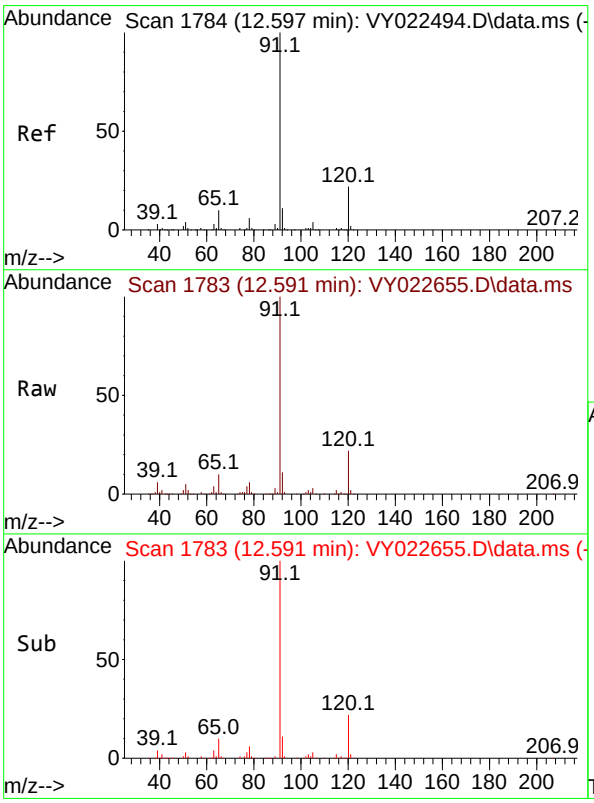
#77
Bromobenzene
Concen: 20.876 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:156 Resp: 37003

Ion	Ratio	Lower	Upper
156	100		
77	188.5	94.0	282.1
158	98.3	48.2	144.6

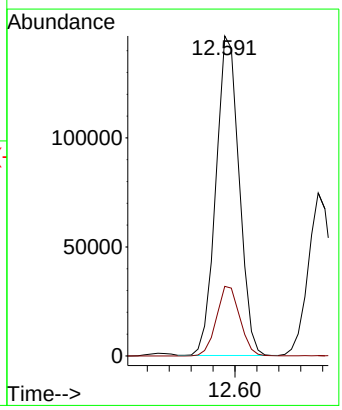


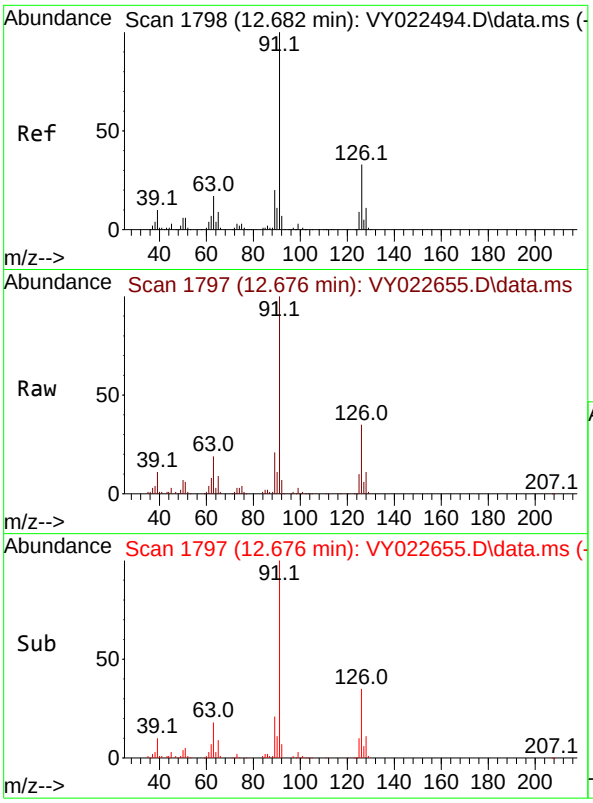


#78
n-propylbenzene
Concen: 21.023 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 91 Resp: 215673

Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.8	32.4



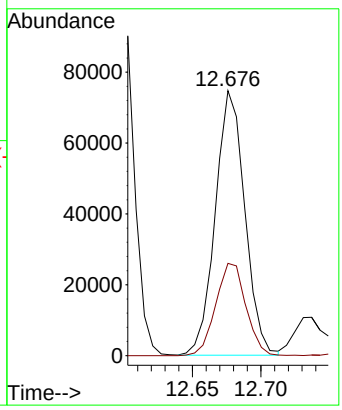


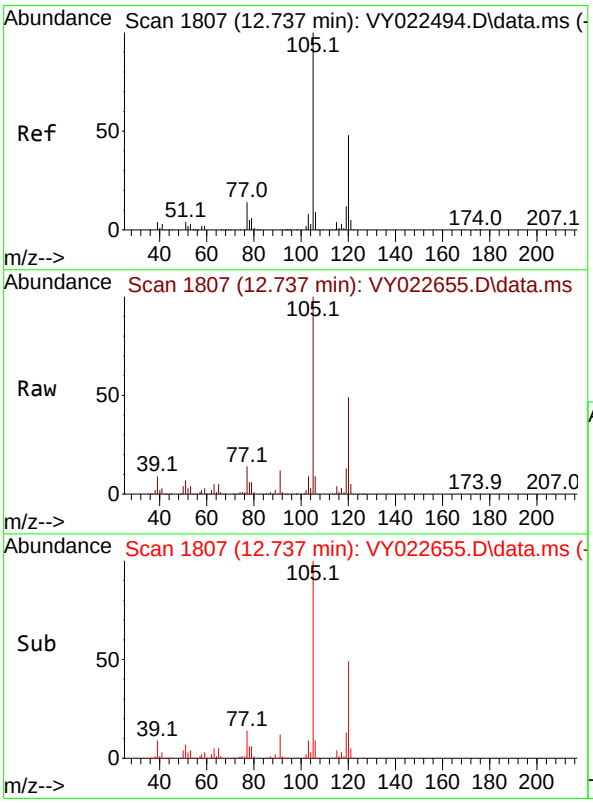
#79
2-Chlorotoluene
Concen: 20.568 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 91 Resp: 111836

Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.0	51.0

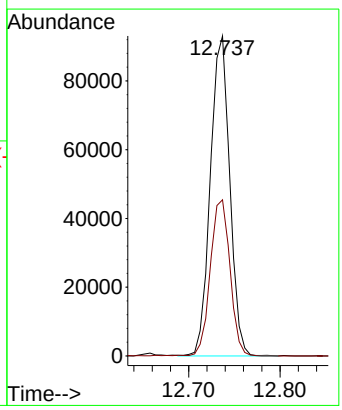


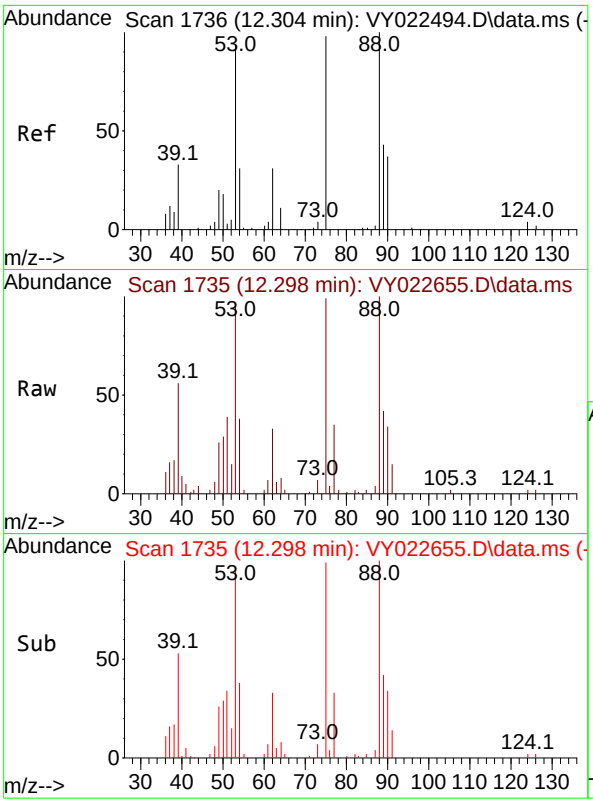


#80
1,3,5-Trimethylbenzene
Concen: 20.769 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:105 Resp: 136959

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.1	72.4



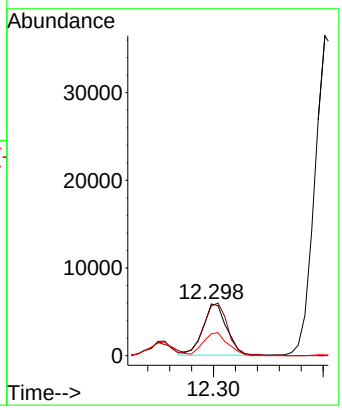


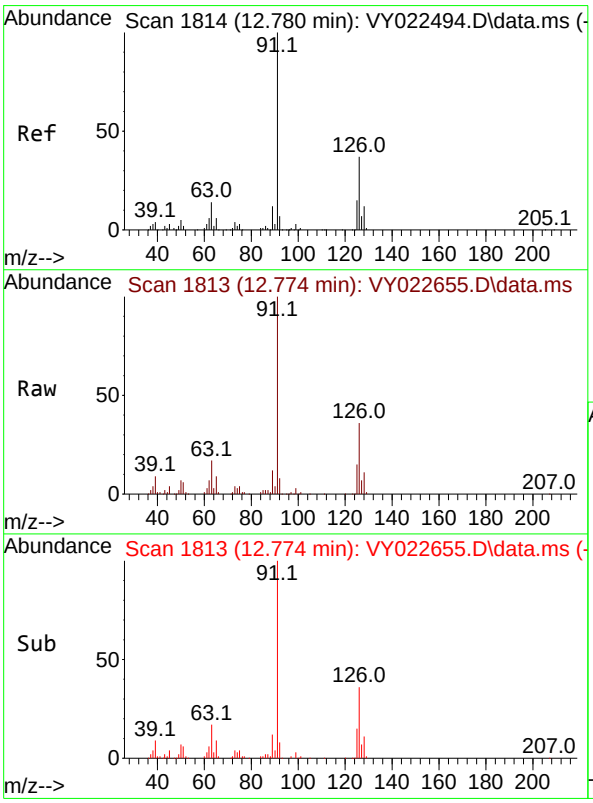
#81
trans-1,4-Dichloro-2-butene
Concen: 18.231 ug/l
RT: 12.298 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 75 Resp: 8836

Ion	Ratio	Lower	Upper
75	100		
53	105.8	78.5	117.7
89	45.6	35.7	53.5

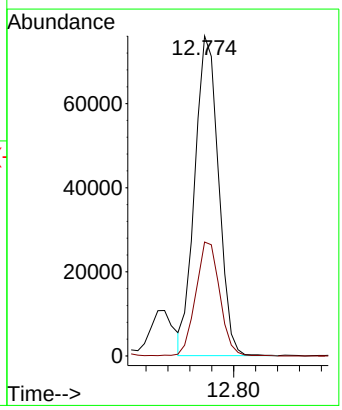


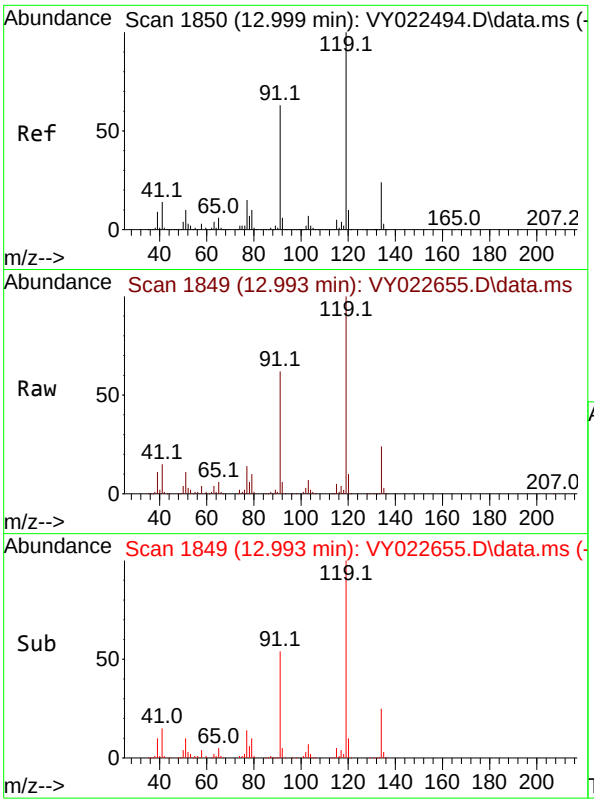


#82
4-Chlorotoluene
Concen: 20.380 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 91 Resp: 114316

Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.0	50.9



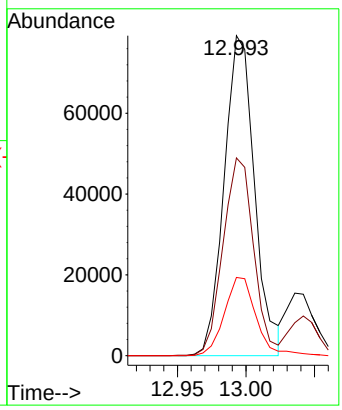


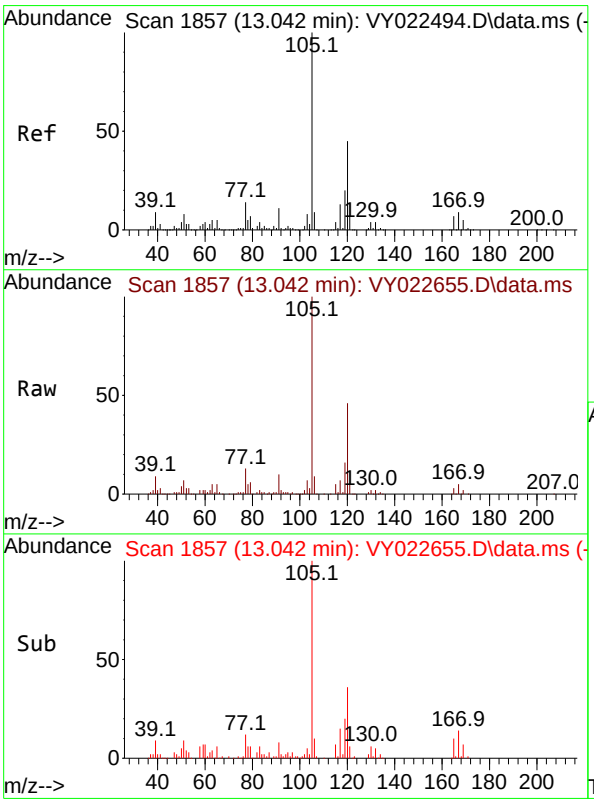
#83
tert-Butylbenzene
Concen: 20.705 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:119 Resp: 122545

Ion	Ratio	Lower	Upper
119	100		
91	62.2	32.1	96.3
134	25.6	13.0	38.9

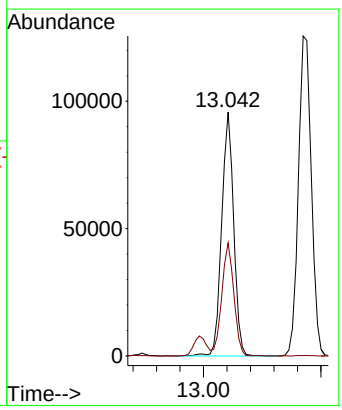


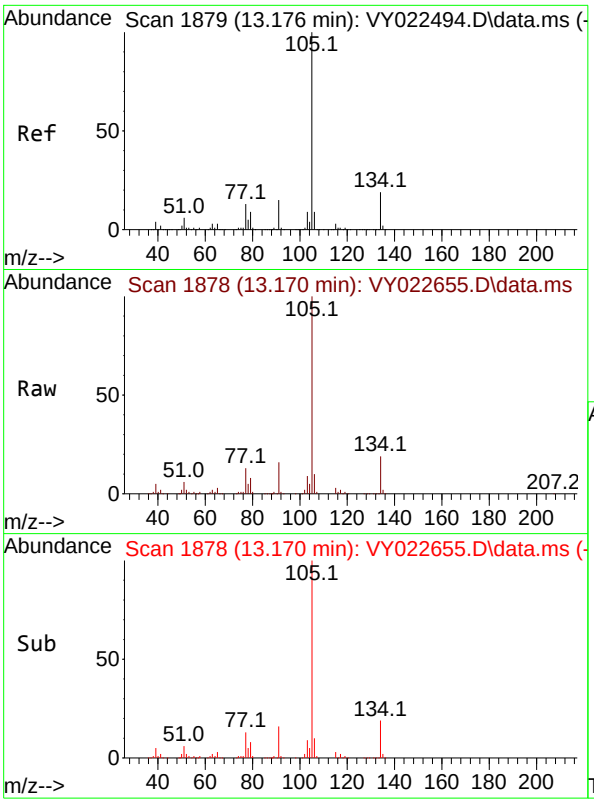


#84
1,2,4-Trimethylbenzene
Concen: 20.590 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:105 Resp: 135799

Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.7	68.1



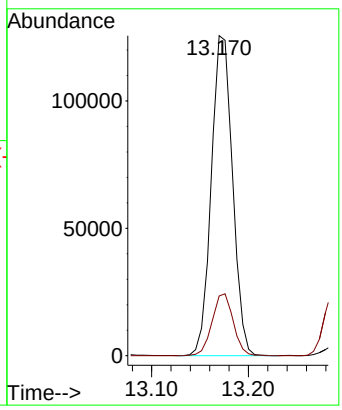


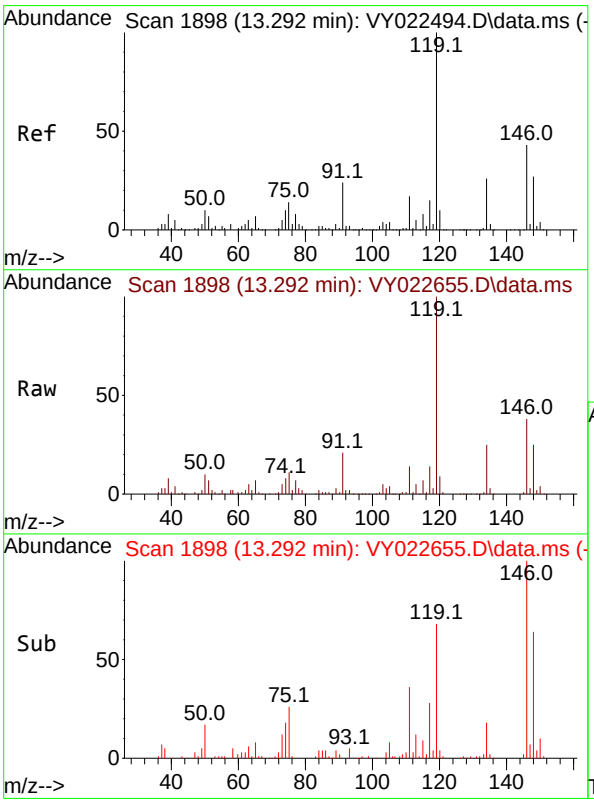
#85
sec-Butylbenzene
Concen: 21.130 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:105 Resp: 191535

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

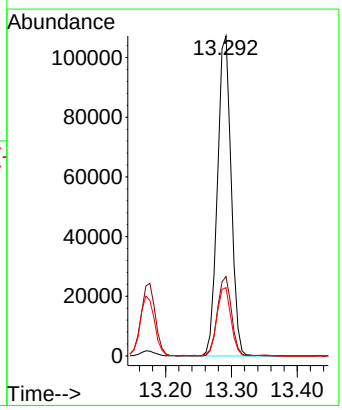


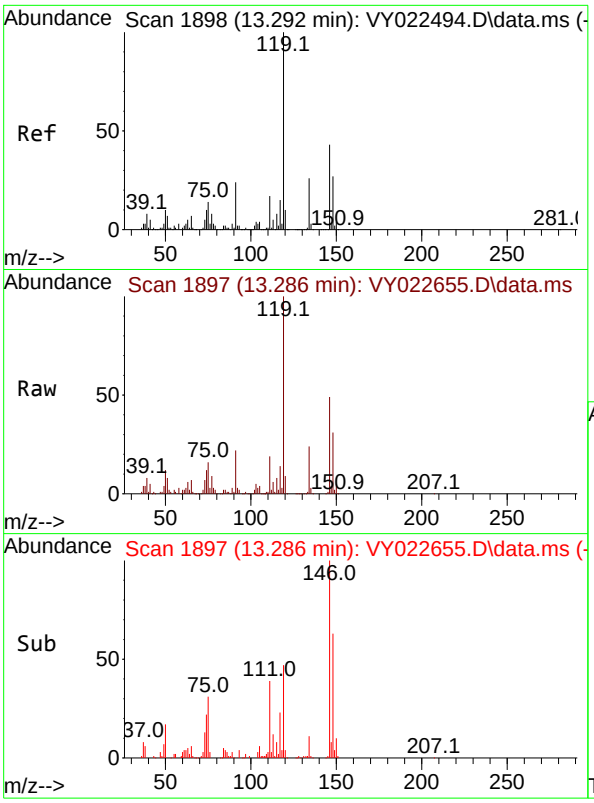


#86
p-Isopropyltoluene
Concen: 20.765 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:119 Resp: 155151

Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.1	39.1
91	22.0	11.6	34.8



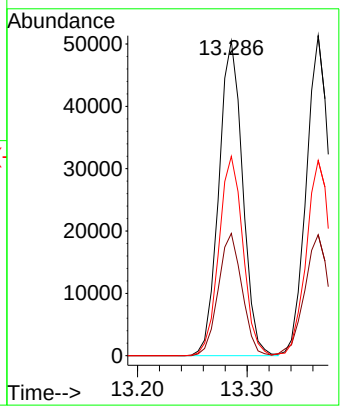


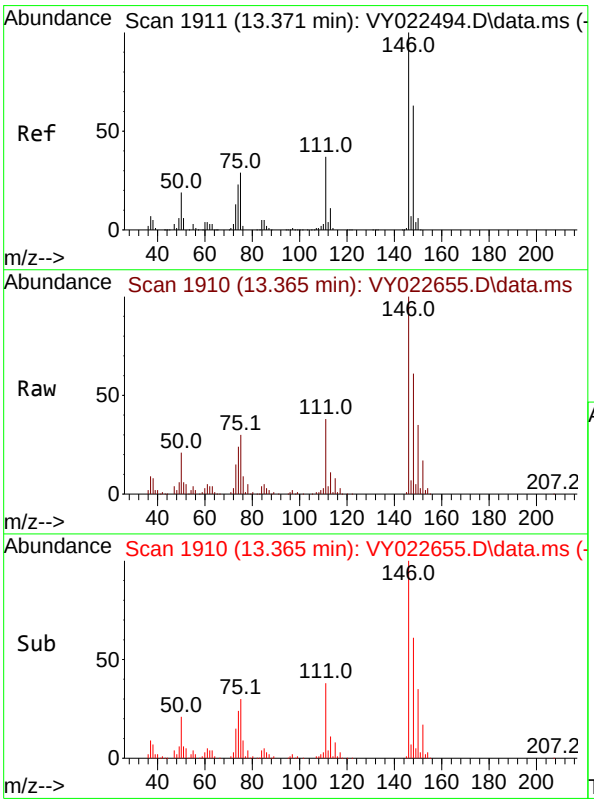
#87
1,3-Dichlorobenzene
Concen: 21.265 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:146 Resp: 76368

Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	63.9	32.1	96.3

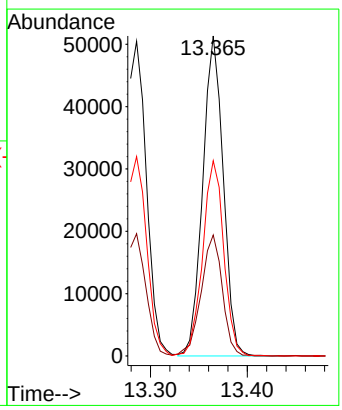


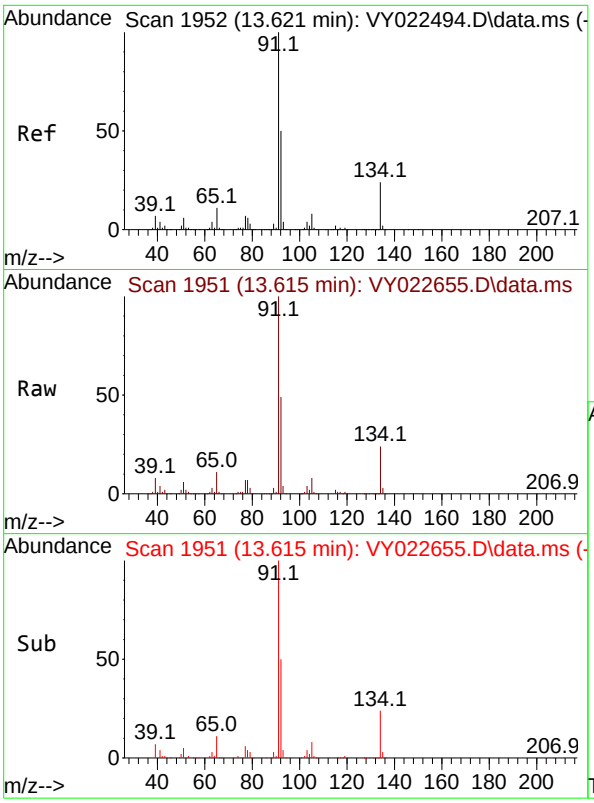


#88
1,4-Dichlorobenzene
Concen: 21.792 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:146 Resp: 75907

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	62.8	31.6	94.8



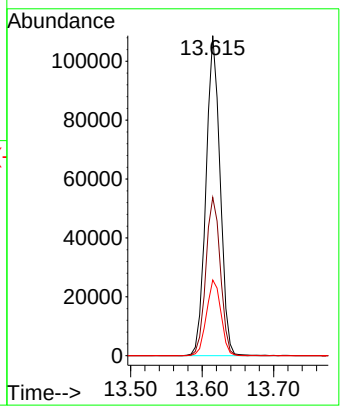


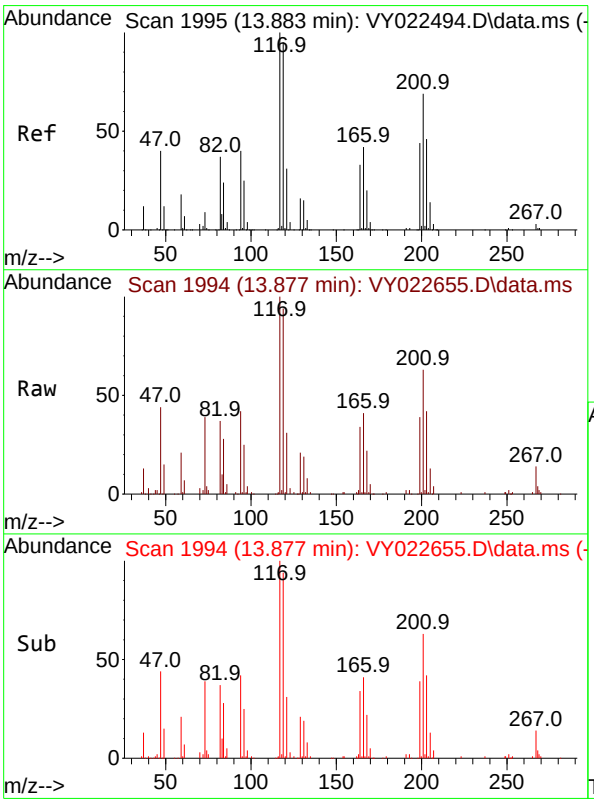
#89
n-Butylbenzene
Concen: 21.011 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion: 91 Resp: 148942

Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.9	77.8
134	24.2	12.0	36.1

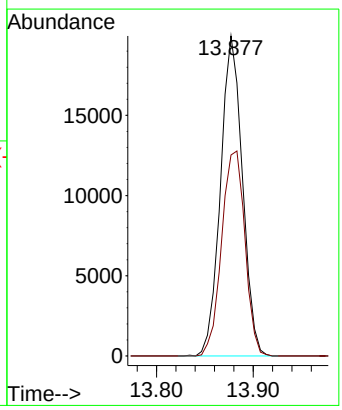


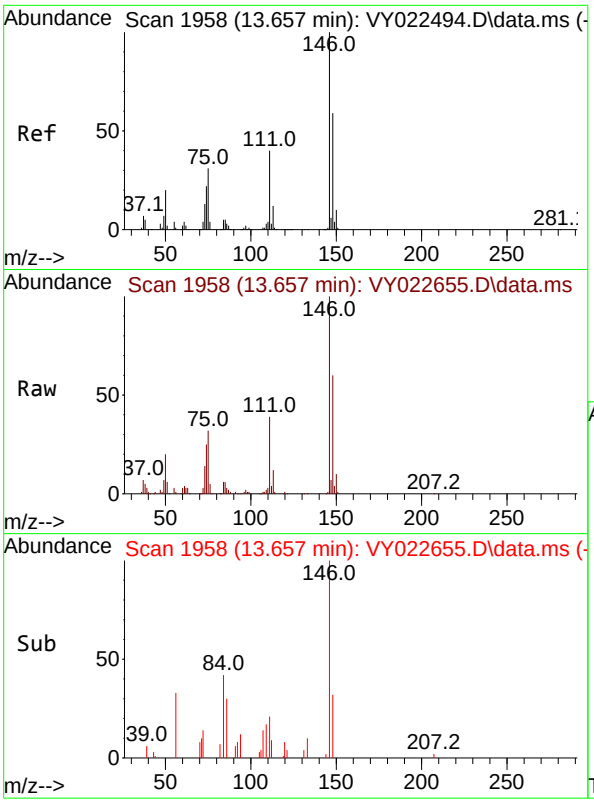


#90
Hexachloroethane
Concen: 21.563 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:117 Resp: 31366

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.0	102.0



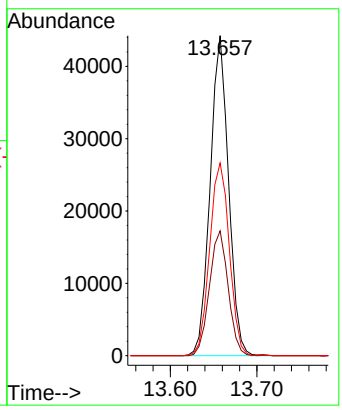


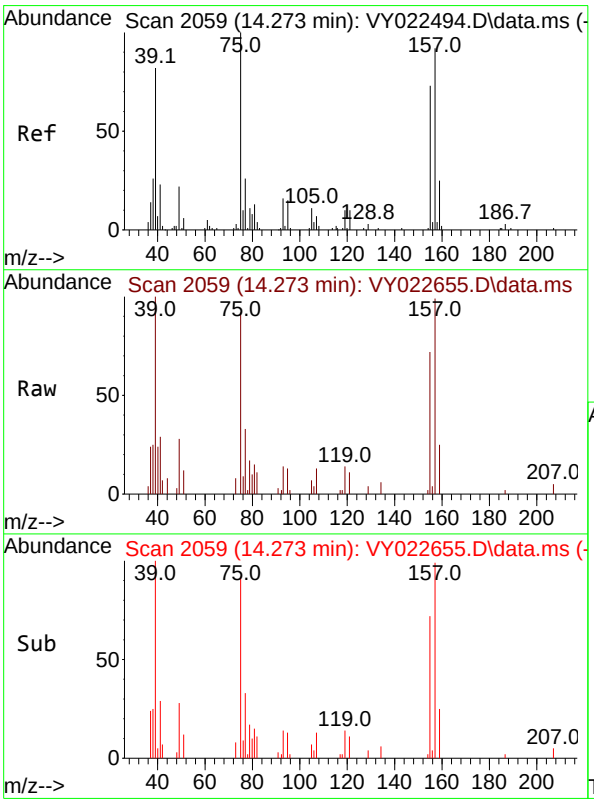
#91
1,2-Dichlorobenzene
Concen: 21.421 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:146 Resp: 65316

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.6
148	64.4	31.4	94.0

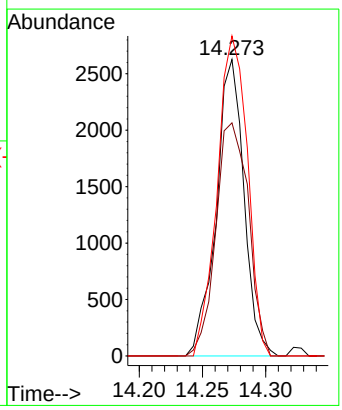


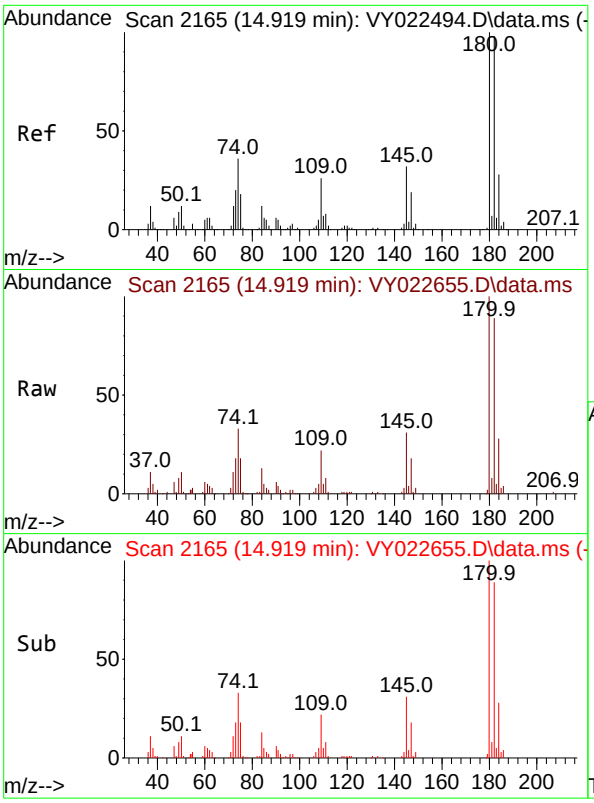


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.929 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion: 75 Resp: 4000

Ion	Ratio	Lower	Upper
75	100		
155	92.6	39.9	119.6
157	117.7	54.0	162.0



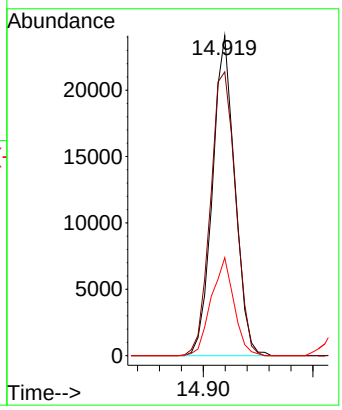


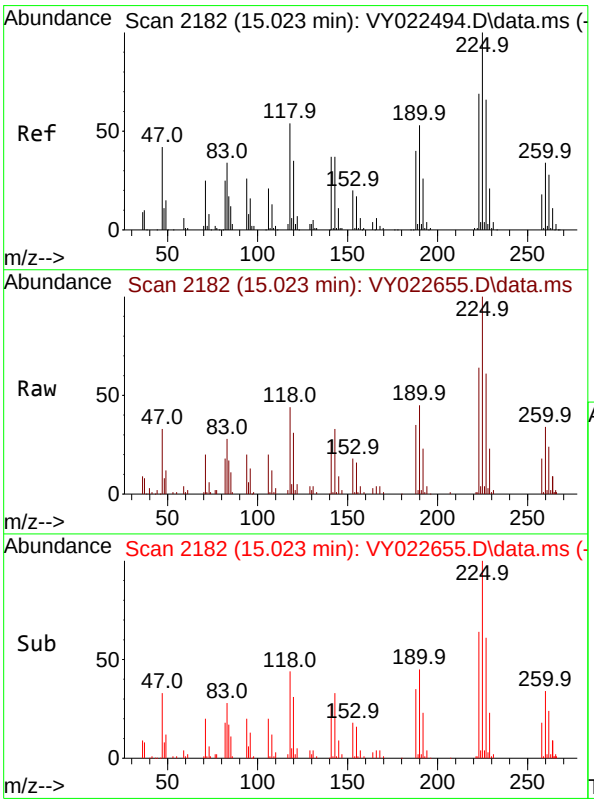
#93
1,2,4-Trichlorobenzene
Concen: 20.582 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:180 Resp: 34227

Ion	Ratio	Lower	Upper
180	100		
182	99.6	48.4	145.3
145	31.2	15.5	46.5

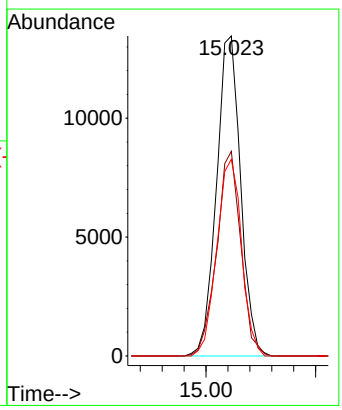


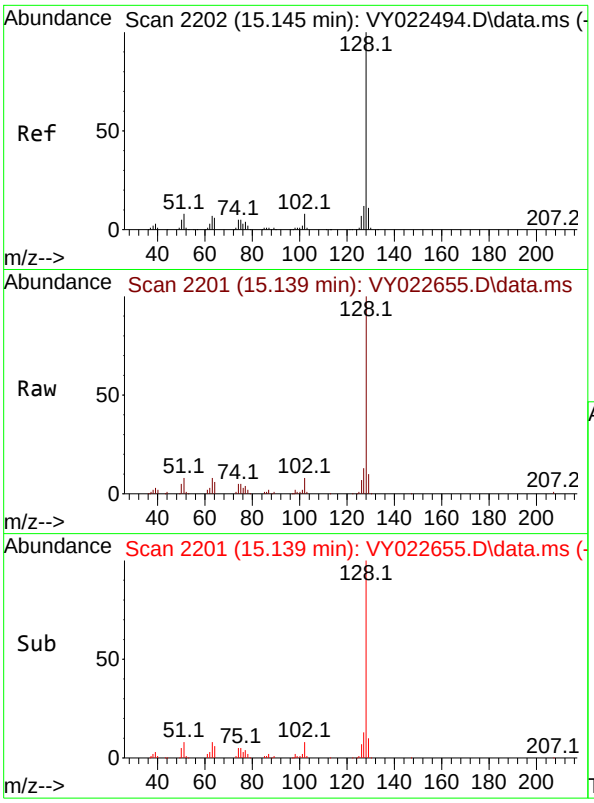


#94
Hexachlorobutadiene
Concen: 22.411 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:225 Resp: 20570

Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.5	97.4
227	63.2	32.3	96.9



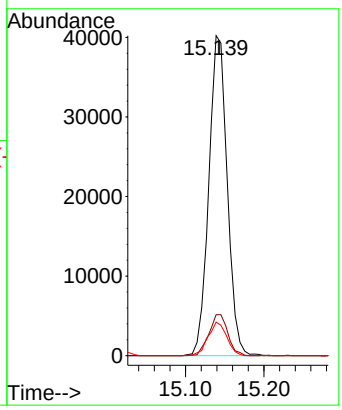


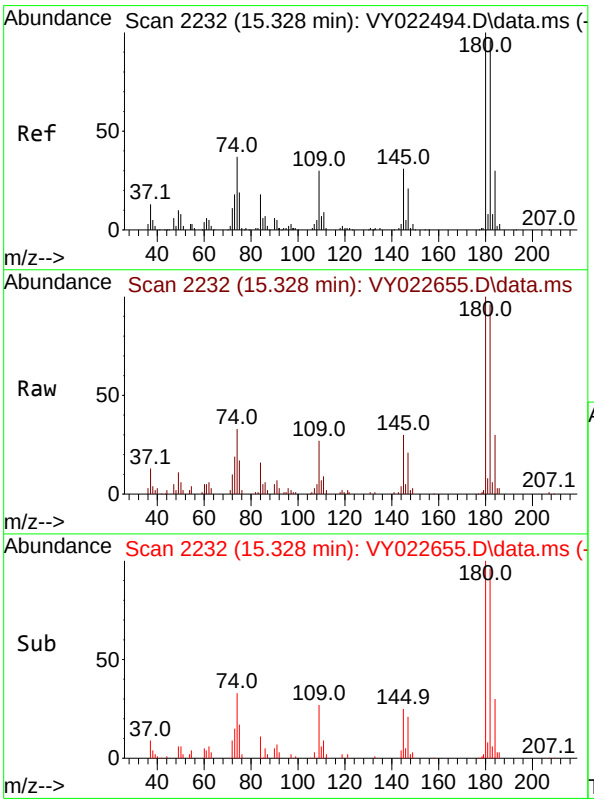
#95
Naphthalene
Concen: 20.574 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBSD01

Tgt Ion:128 Resp: 65657

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.6	8.9	13.3

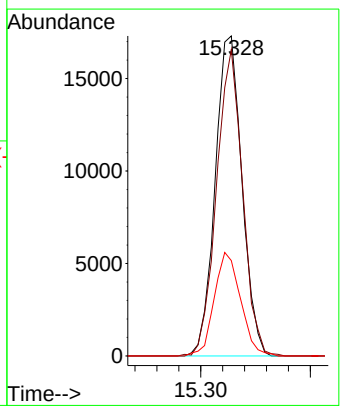




#96
1,2,3-Trichlorobenzene
Concen: 20.612 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022655.D
Acq: 11 Jun 2025 11:23

Tgt Ion:180 Resp: 29376

Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.1	141.3
145	31.8	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	174652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	290386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	245247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	118360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	88159	45.131	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.260%			
35) Dibromofluoromethane	7.634	113	85825	49.517	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.040%			
50) Toluene-d8	10.103	98	355393	50.745	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.402	95	104426	50.044	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	67134	42.934	ug/l	97
3) Chloromethane	2.062	50	187281	40.542	ug/l	100
4) Vinyl Chloride	2.196	62	296607	55.348	ug/l	99
5) Bromomethane	2.586	94	219808	42.795	ug/l	95
6) Chloroethane	2.726	64	208143	56.588	ug/l	94
7) Trichlorofluoromethane	3.043	101	261037	57.379	ug/l	99
8) Diethyl Ether	3.452	74	45960	44.860	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.806	101	90977	47.481	ug/l	98
10) Methyl Iodide	4.001	142	105757	51.004	ug/l	99
11) Tert butyl alcohol	4.854	59	31805	227.964	ug/l	98
12) 1,1-Dichloroethene	3.781	96	91369	49.887	ug/l	95
13) Acrolein	3.641	56	17121	98.468	ug/l	99
14) Allyl chloride	4.379	41	126821	44.108	ug/l	97
15) Acrylonitrile	5.055	53	95190	219.381	ug/l	100
16) Acetone	3.860	43	88582	223.295	ug/l	96
17) Carbon Disulfide	4.098	76	265351	45.254	ug/l	96
18) Methyl Acetate	4.379	43	53148	45.242	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	239071	46.344	ug/l	99
20) Methylene Chloride	4.604	84	101284	44.947	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	99475	48.528	ug/l	94
22) Diisopropyl ether	6.012	45	290531	45.396	ug/l	99
23) Vinyl Acetate	5.958	43	797575	210.554	ug/l	97
24) 1,1-Dichloroethane	5.909	63	185766	49.271	ug/l	100
25) 2-Butanone	6.890	43	125095	218.612	ug/l	97
26) 2,2-Dichloropropane	6.884	77	167558	50.298	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	119480	50.429	ug/l	98
28) Bromochloromethane	7.244	49	73335	44.621	ug/l	94
29) Tetrahydrofuran	7.256	42	77840	210.910	ug/l	96
30) Chloroform	7.415	83	187597	50.234	ug/l	97
31) Cyclohexane	7.695	56	159823	42.579	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	166517	50.229	ug/l	98
36) 1,1-Dichloropropene	7.829	75	140868	50.076	ug/l	99
37) Ethyl Acetate	6.982	43	54334	43.311	ug/l	98
38) Carbon Tetrachloride	7.817	117	145468	50.408	ug/l	99
39) Methylcyclohexane	9.109	83	177444	46.938	ug/l	96
40) Benzene	8.079	78	426686	51.354	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.250	41	74607	101.816	ug/l	#	33
42) 1,2-Dichloroethane	8.152	62	104573	46.095	ug/l		98
43) Isopropyl Acetate	8.195	43	120039	44.305	ug/l		99
44) Trichloroethene	8.860	130	110843	54.584	ug/l		99
45) 1,2-Dichloropropane	9.140	63	98541	50.184	ug/l		98
46) Dibromomethane	9.225	93	54106	48.978	ug/l		99
47) Bromodichloromethane	9.420	83	137944	49.246	ug/l		96
48) Methyl methacrylate	9.219	41	52779	41.507	ug/l		90
49) 1,4-Dioxane	9.225	88	12179	930.584	ug/l		92
51) 4-Methyl-2-Pentanone	9.993	43	301886	223.486	ug/l		96
52) Toluene	10.170	92	266417	51.024	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	125291	47.738	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	151585	49.616	ug/l		94
55) 1,1,2-Trichloroethane	10.567	97	67097	47.632	ug/l		95
56) Ethyl methacrylate	10.438	69	97246	47.764	ug/l		97
57) 1,3-Dichloropropane	10.713	76	120065	48.090	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	229595	248.382	ug/l		99
59) 2-Hexanone	10.756	43	202877	224.569	ug/l		96
60) Dibromochloromethane	10.908	129	86194	48.149	ug/l		99
61) 1,2-Dibromoethane	11.012	107	62168	48.421	ug/l		95
64) Tetrachloroethene	10.646	164	134865	63.928	ug/l		96
65) Chlorobenzene	11.438	112	282144	51.989	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	93342	51.056	ug/l		99
67) Ethyl Benzene	11.518	91	517369	51.398	ug/l		100
68) m/p-Xylenes	11.627	106	398753	104.498	ug/l		98
69) o-Xylene	11.950	106	189238	52.894	ug/l		97
70) Styrene	11.963	104	310024	52.424	ug/l		98
71) Bromoform	12.127	173	47022	48.333	ug/l	#	100
73) Isopropylbenzene	12.249	105	487911	50.210	ug/l		99
74) N-amyl acetate	12.066	43	108716	44.340	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	61263	38.413	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	102635	75.797	ug/l	#	100
77) Bromobenzene	12.530	156	102552	50.011	ug/l		94
78) n-propylbenzene	12.591	91	591928	49.873	ug/l		98
79) 2-Chlorotoluene	12.676	91	309843	49.256	ug/l		98
80) 1,3,5-Trimethylbenzene	12.731	105	381869	50.055	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.298	75	23152	41.290	ug/l		98
82) 4-Chlorotoluene	12.773	91	314019	48.391	ug/l		97
83) tert-Butylbenzene	12.993	119	351878	51.390	ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	379800	49.775	ug/l		99
85) sec-Butylbenzene	13.170	105	527233	50.277	ug/l		99
86) p-Isopropyltoluene	13.286	119	441582	51.086	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	210101	50.570	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	197667	49.053	ug/l		99
89) n-Butylbenzene	13.615	91	414934	50.596	ug/l		99
90) Hexachloroethane	13.877	117	85386	50.740	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	174803	49.555	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10482	45.142	ug/l		94
93) 1,2,4-Trichlorobenzene	14.913	180	98333	51.112	ug/l		97
94) Hexachlorobutadiene	15.017	225	53797	50.664	ug/l		96
95) Naphthalene	15.139	128	214460	58.089	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	79920	48.472	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

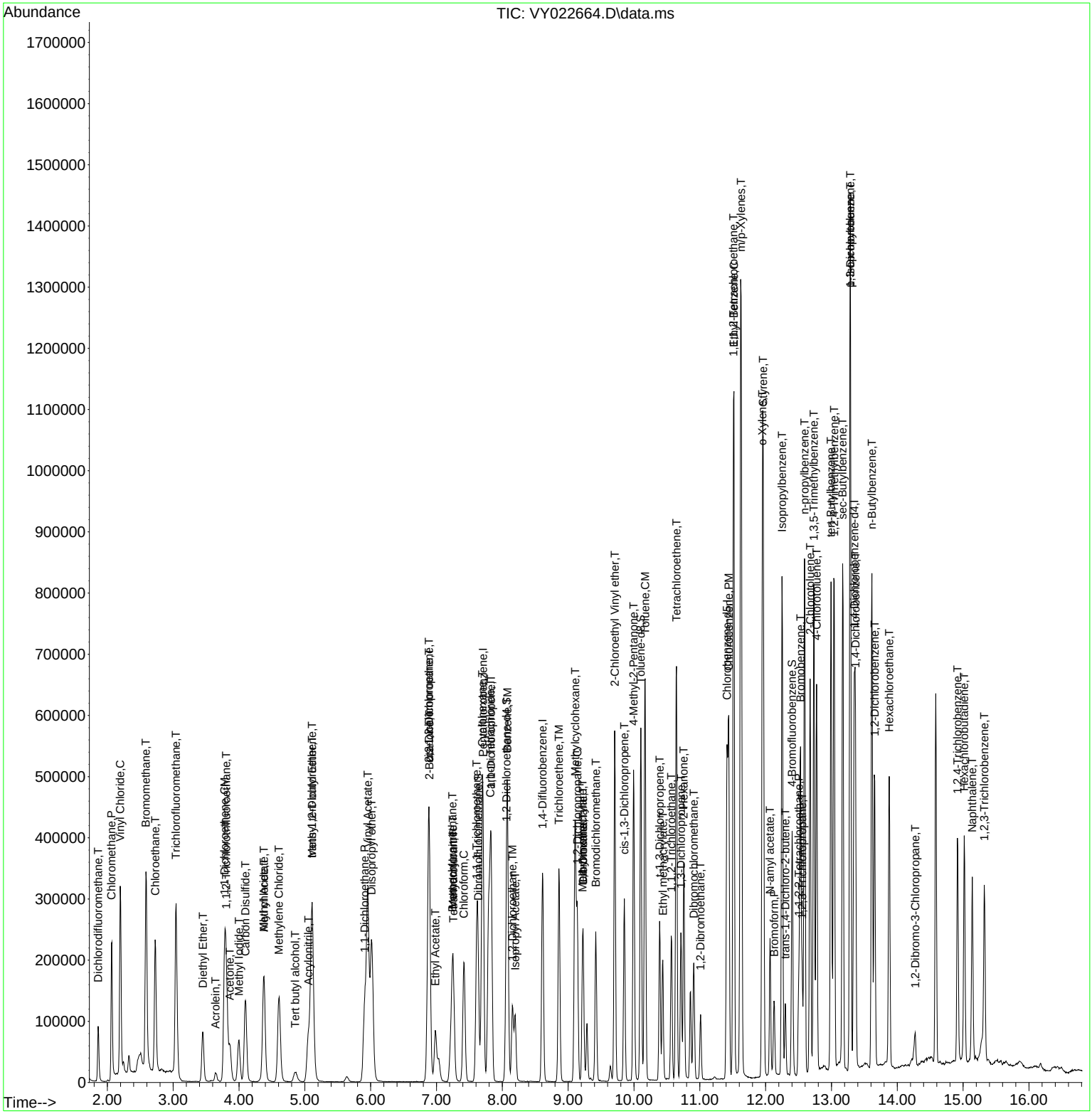
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

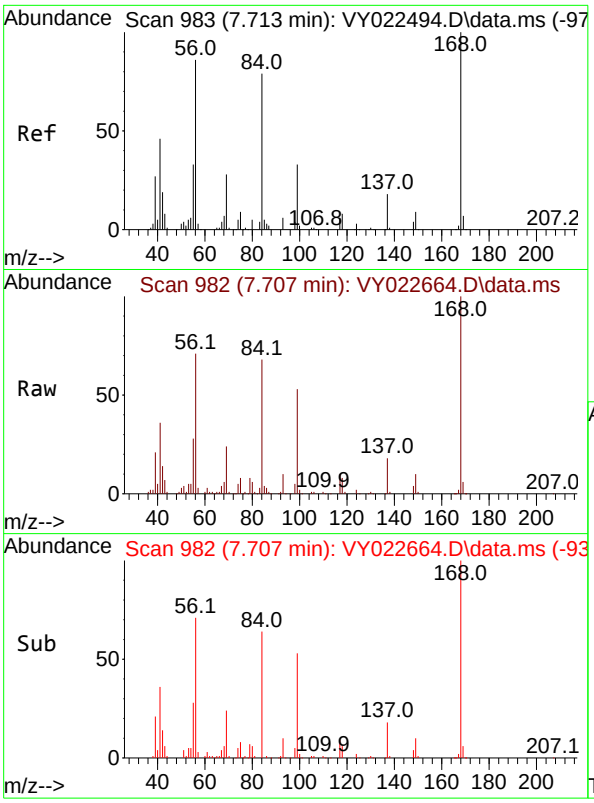
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 12 05:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration



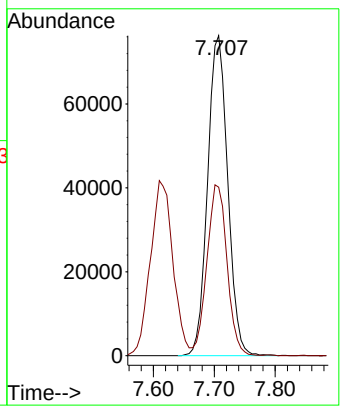


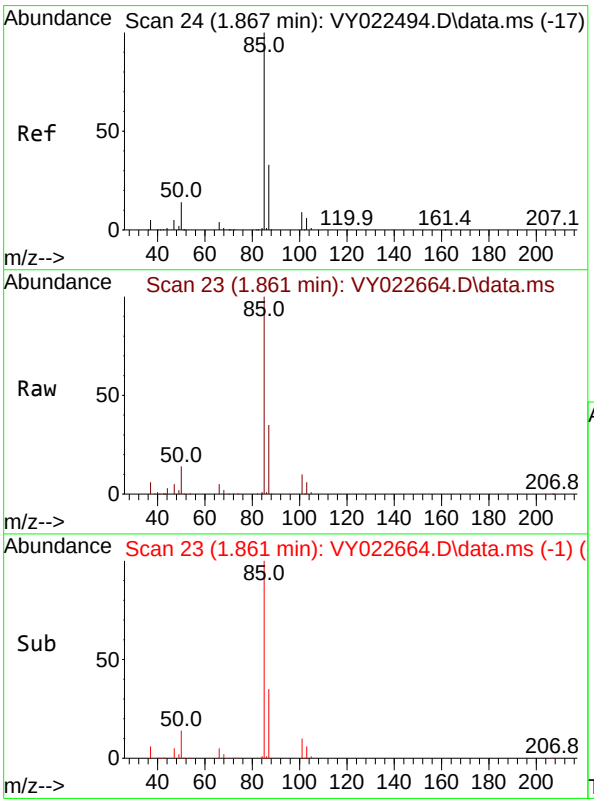
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 174652

Ion	Ratio	Lower	Upper
168	100		
99	52.7	44.3	66.5

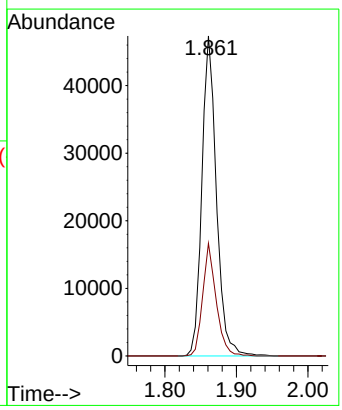


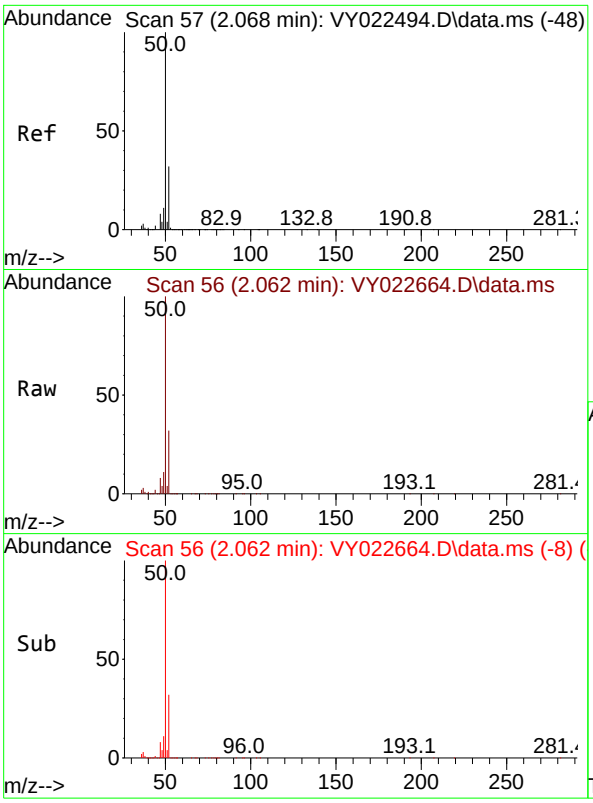


#2
Dichlorodifluoromethane
Concen: 42.934 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 85 Resp: 67134

Ion	Ratio	Lower	Upper
85	100		
87	35.2	16.7	50.0



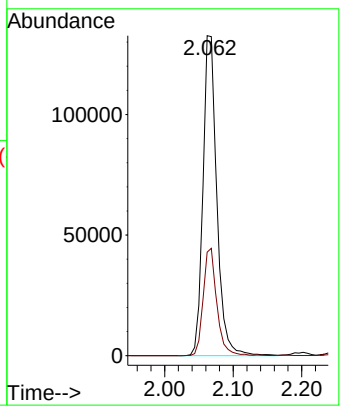


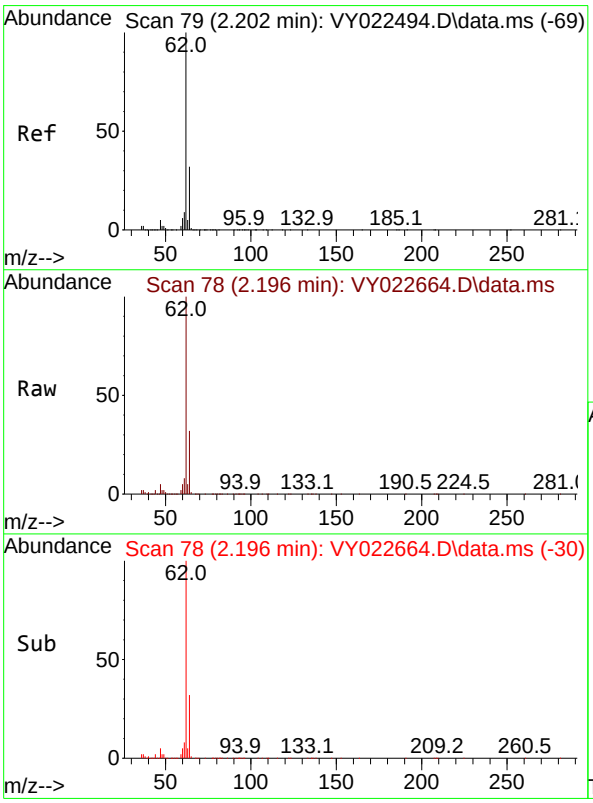
#3
Chloromethane
Concen: 40.542 ug/l
RT: 2.062 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 187281

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.0	39.0

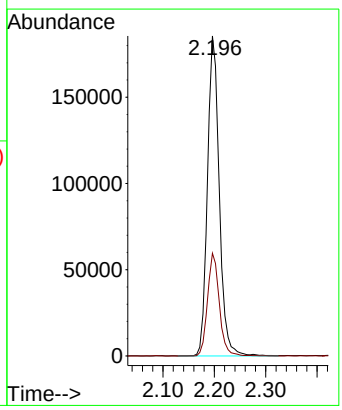


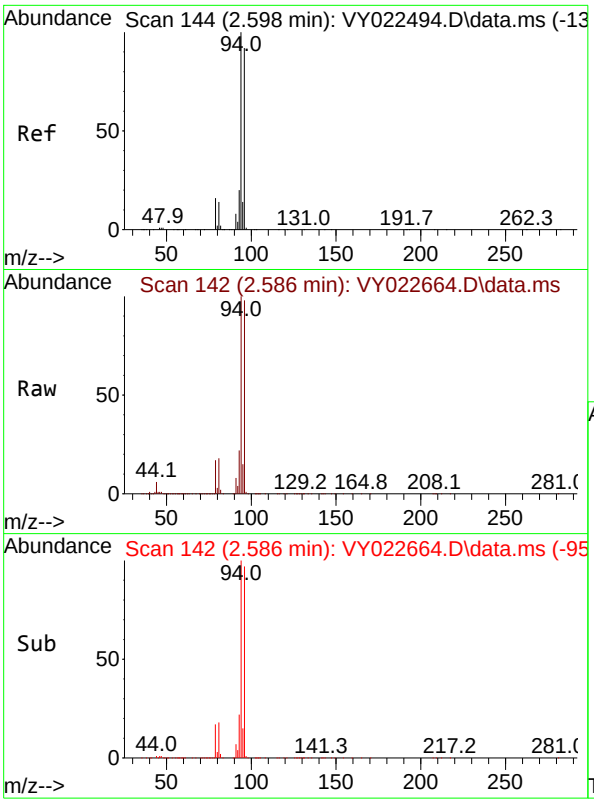


#4
Vinyl Chloride
Concen: 55.348 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 62 Resp: 296607

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.3	37.9



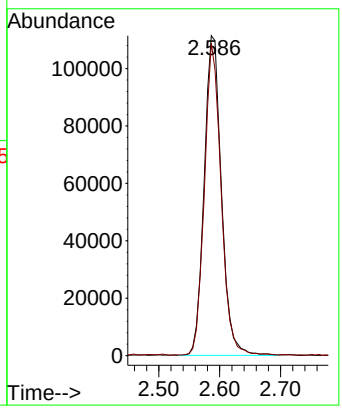


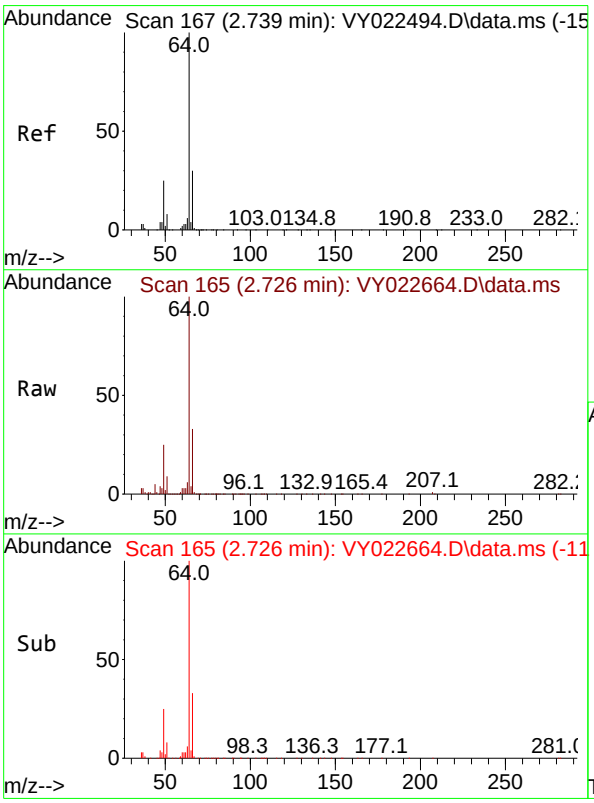
#5
Bromomethane
Concen: 42.795 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 219808

Ion	Ratio	Lower	Upper
94	100		
96	97.4	74.0	111.0

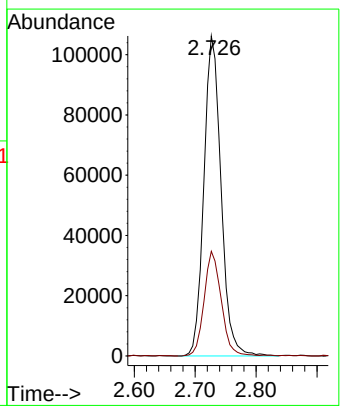


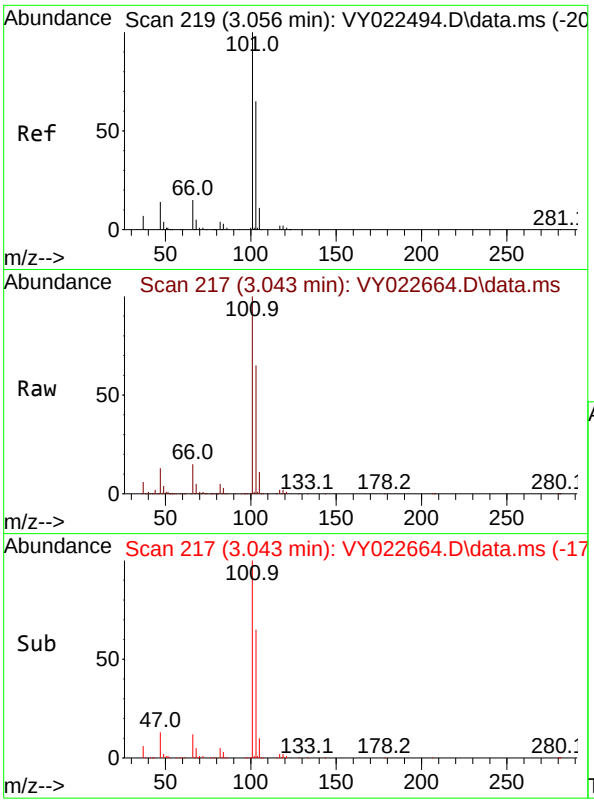


#6
Chloroethane
Concen: 56.588 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 64 Resp: 208143

Ion	Ratio	Lower	Upper
64	100		
66	32.7	23.8	35.6



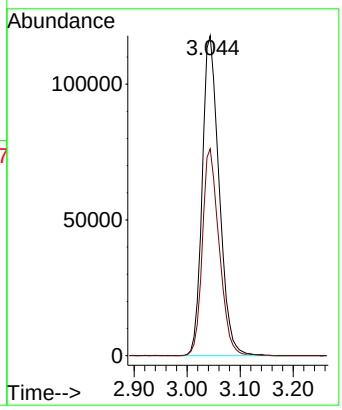


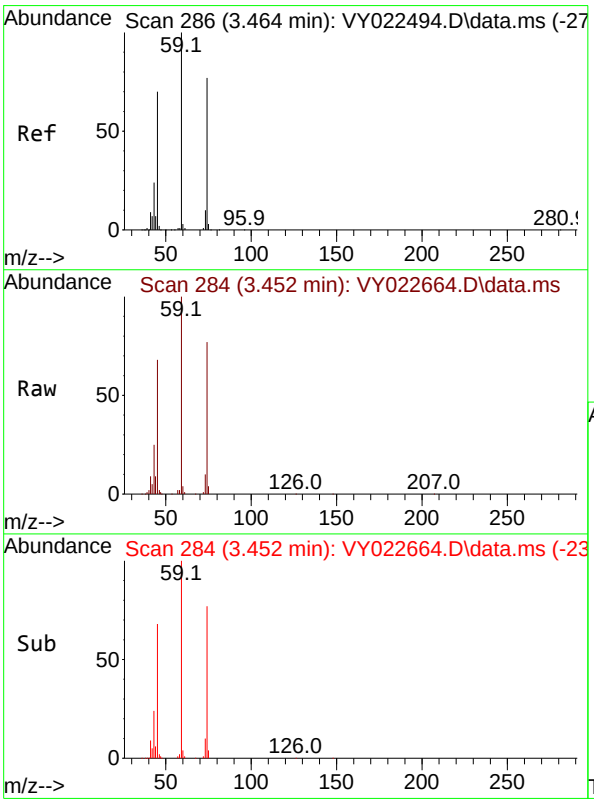
#7
Trichlorofluoromethane
Concen: 57.379 ug/l
RT: 3.043 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 261037

Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.2

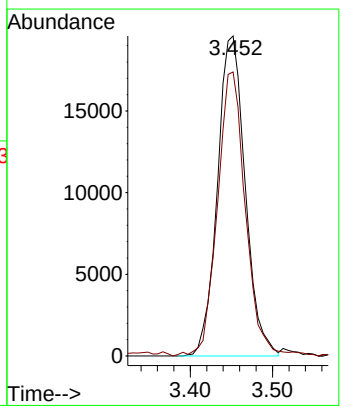


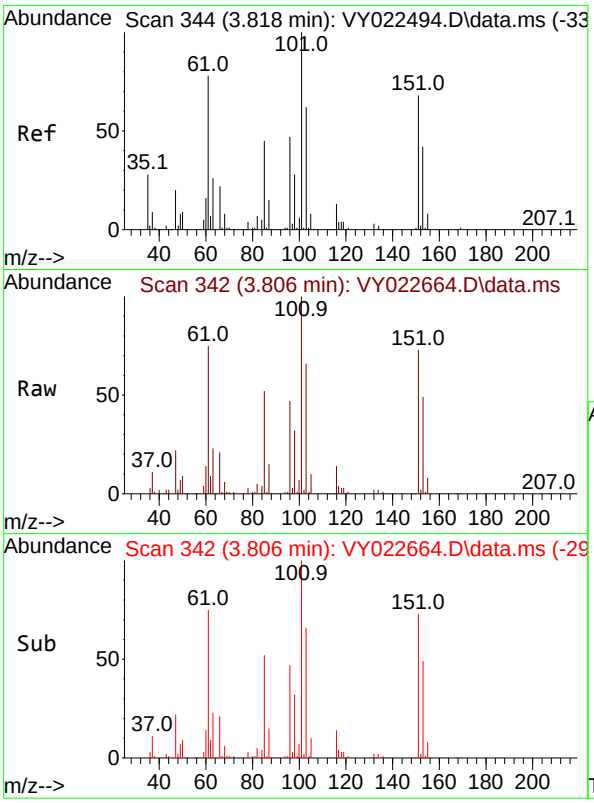


#8
Diethyl Ether
Concen: 44.860 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 74 Resp: 45960

Ion	Ratio	Lower	Upper
74	100		
45	89.6	45.9	137.6



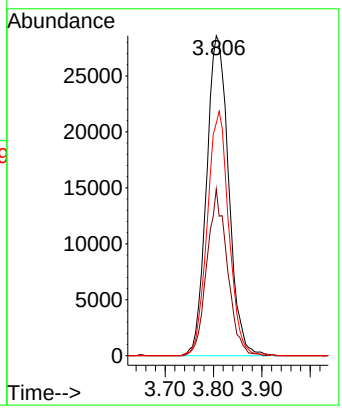


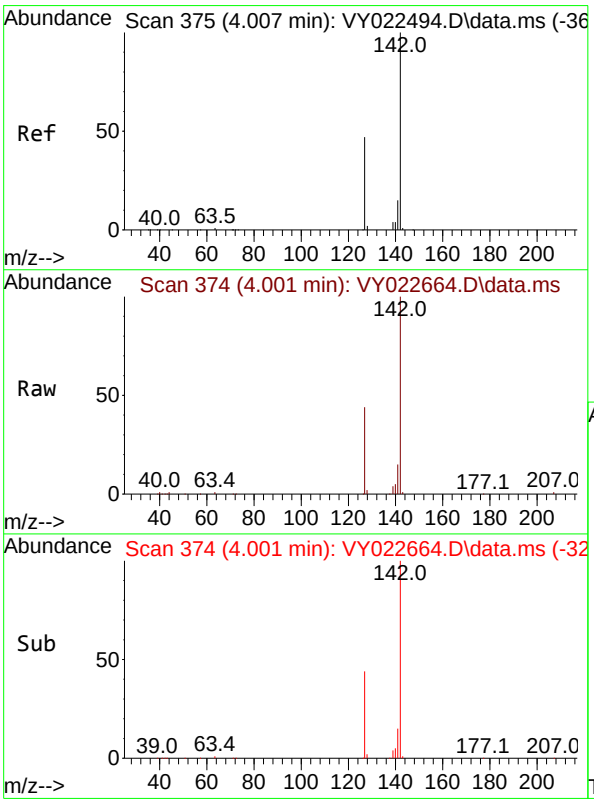
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.481 ug/l
RT: 3.806 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 90977

Ion	Ratio	Lower	Upper
101	100		
85	47.9	39.3	58.9
151	74.4	57.8	86.8

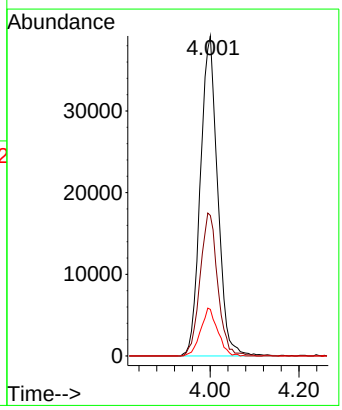


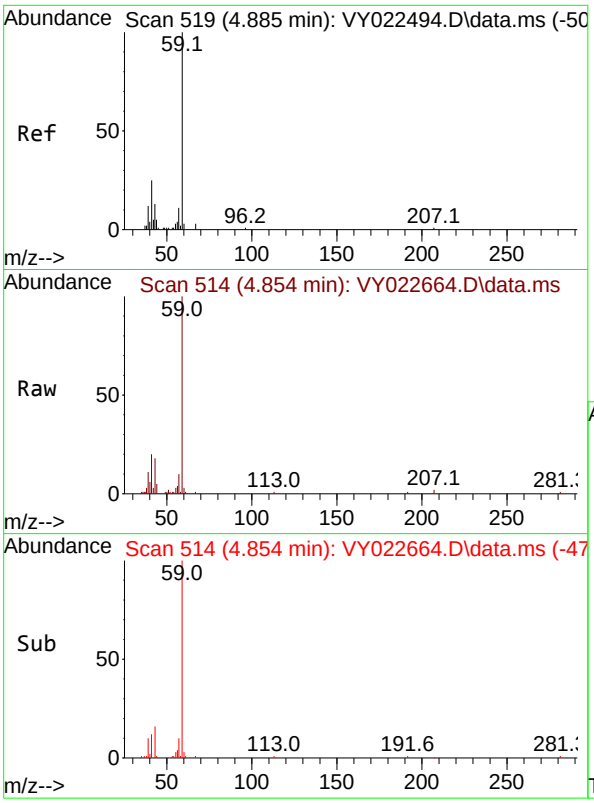


#10
Methyl Iodide
Concen: 51.004 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:142 Resp: 105757

Ion	Ratio	Lower	Upper
142	100		
127	45.7	37.1	55.7
141	14.8	11.4	17.2



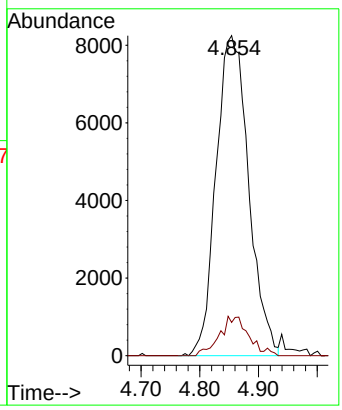


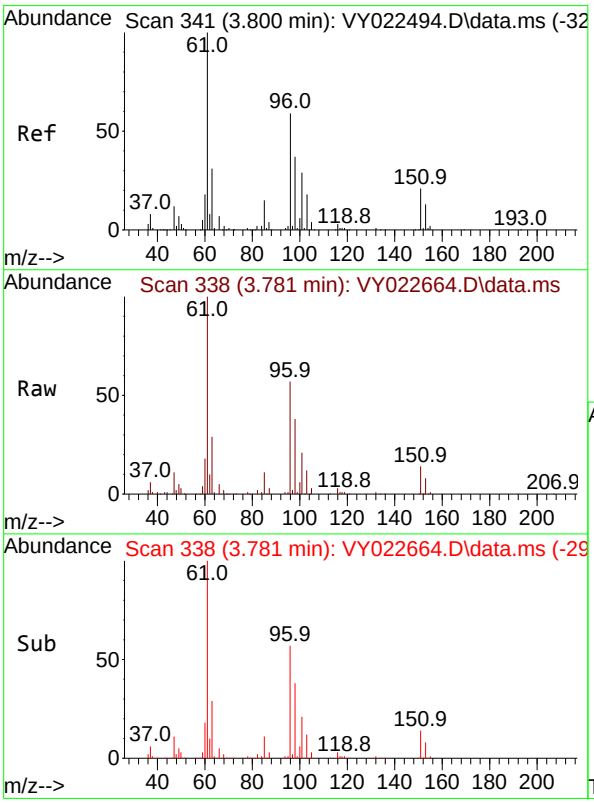
#11
Tert butyl alcohol
Concen: 227.964 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.031 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 31805

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.0	12.0

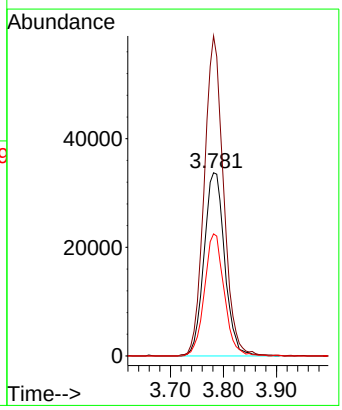


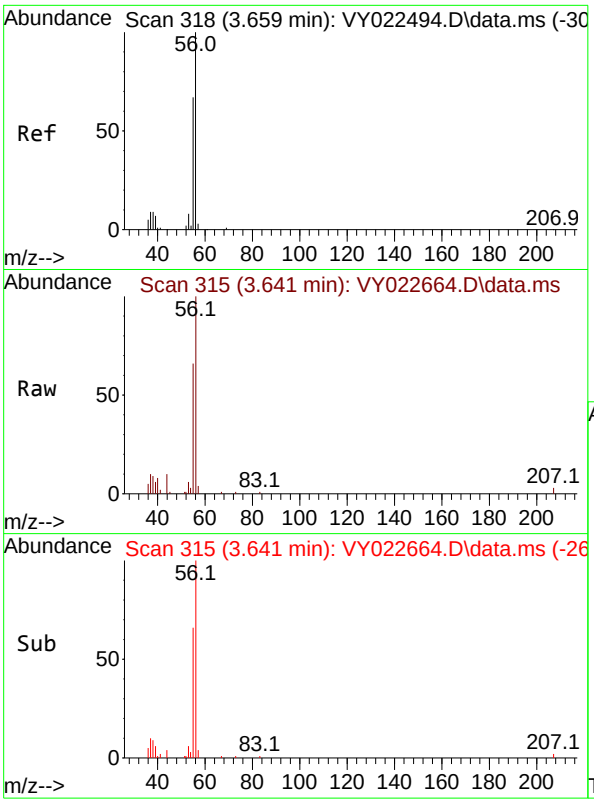


#12
1,1-Dichloroethene
Concen: 49.887 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 96 Resp: 91369

Ion	Ratio	Lower	Upper
96	100		
61	174.7	134.6	201.8
98	66.7	50.2	75.4



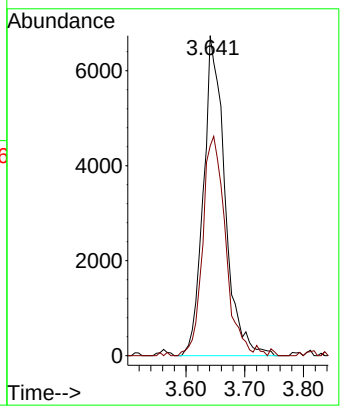


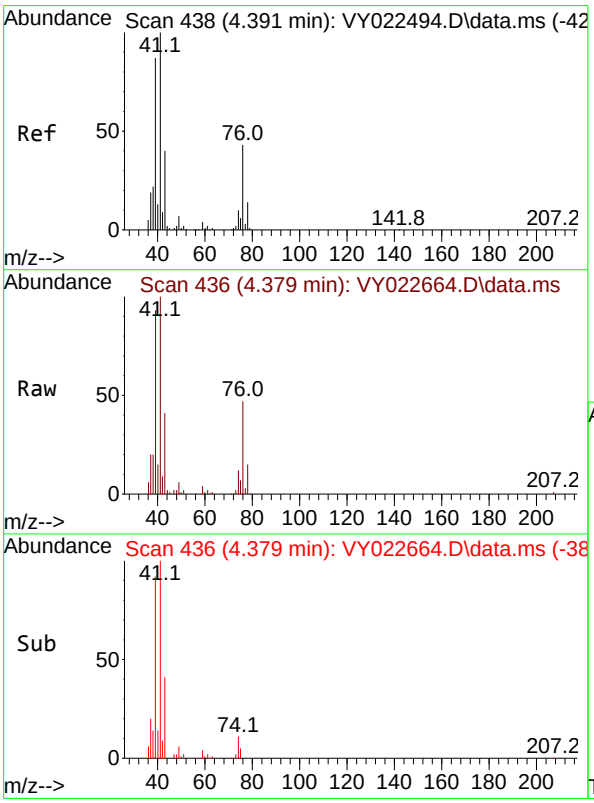
#13
Acrolein
Concen: 98.468 ug/l
RT: 3.641 min Scan# 3
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 17121

Ion	Ratio	Lower	Upper
56	100		
55	72.0	57.0	85.6

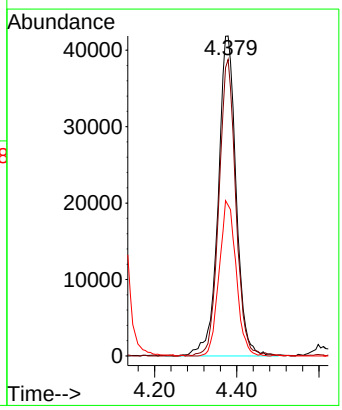


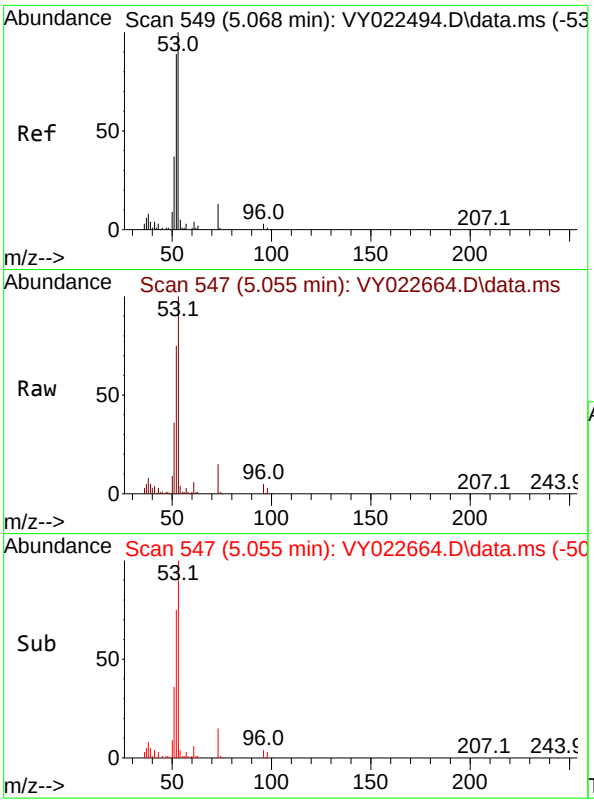


#14
Allyl chloride
Concen: 44.108 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 41 Resp: 126821

Ion	Ratio	Lower	Upper
41	100		
39	87.4	69.1	103.7
76	46.0	33.5	50.3



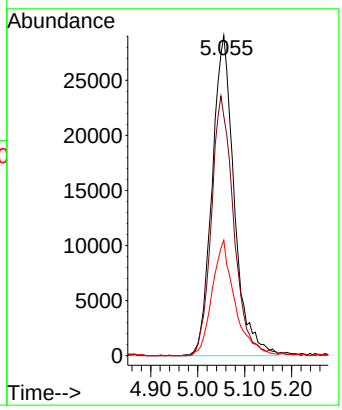


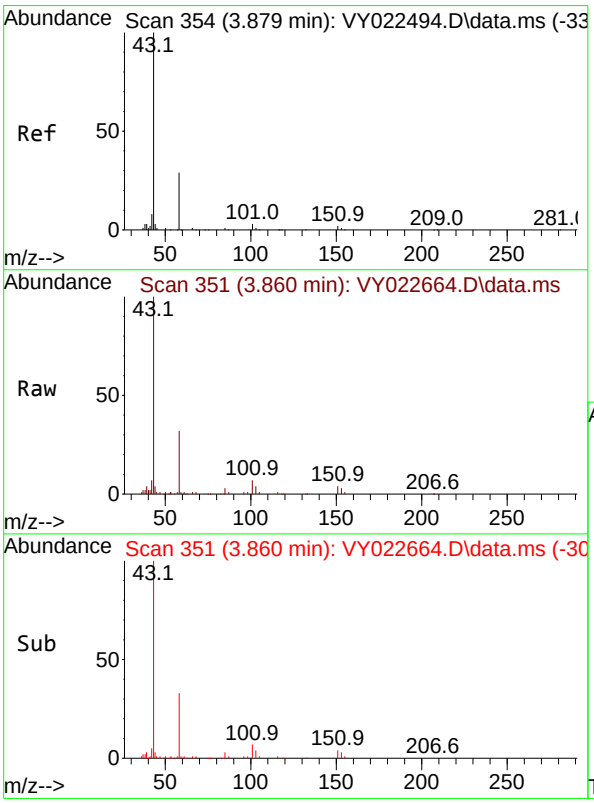
#15
Acrylonitrile
Concen: 219.381 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 95190

Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.7	98.5
51	37.0	30.1	45.1

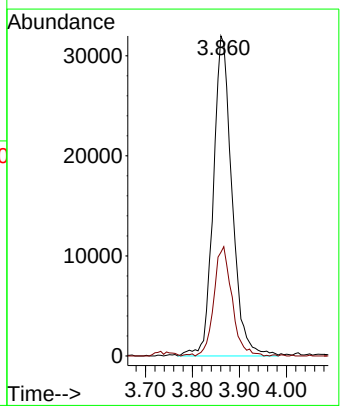


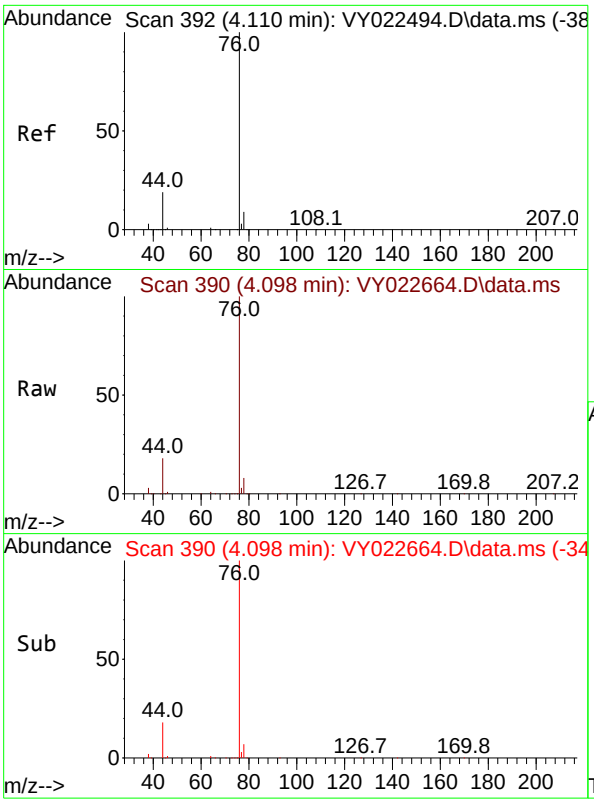


#16
Acetone
Concen: 223.295 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 88582

Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.0	36.0



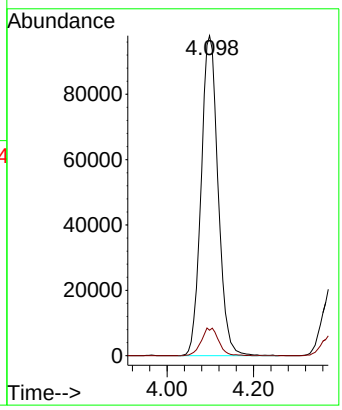


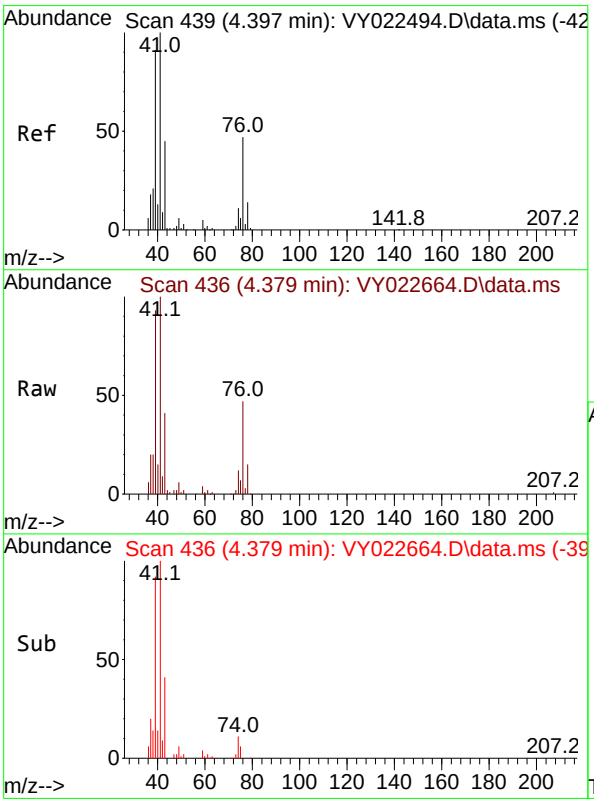
#17
Carbon Disulfide
Concen: 45.254 ug/l
RT: 4.098 min Scan# 3
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 265351

Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.4	11.2

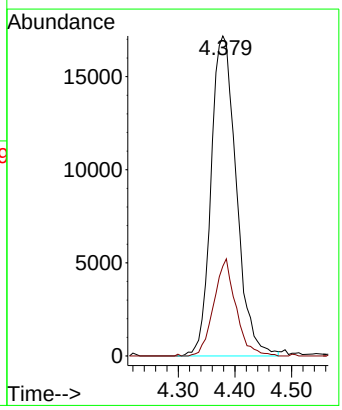


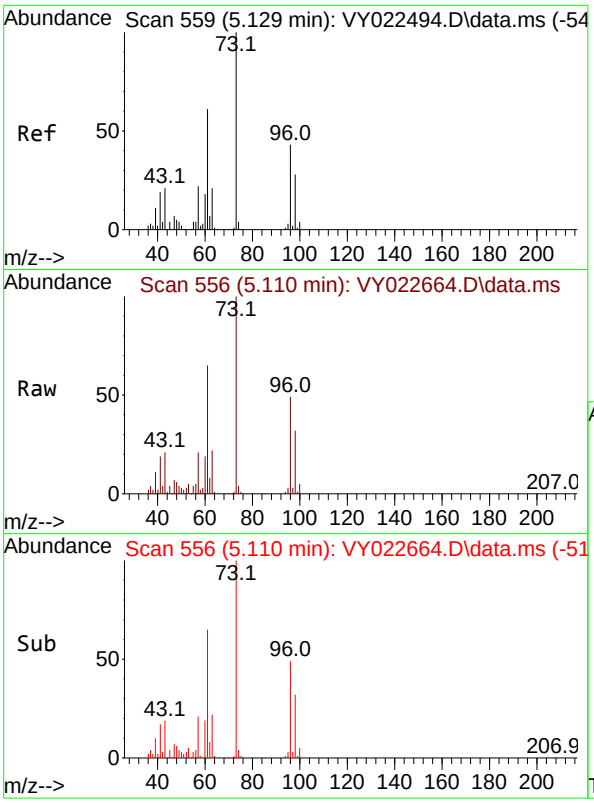


#18
Methyl Acetate
Concen: 45.242 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 53148

Ion	Ratio	Lower	Upper
43	100		
74	26.6	19.8	29.6



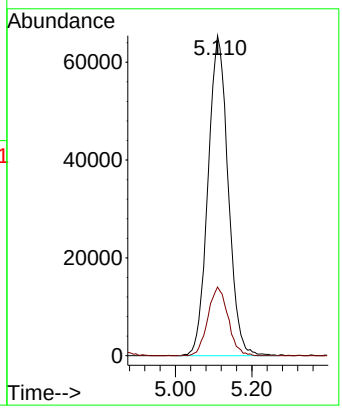


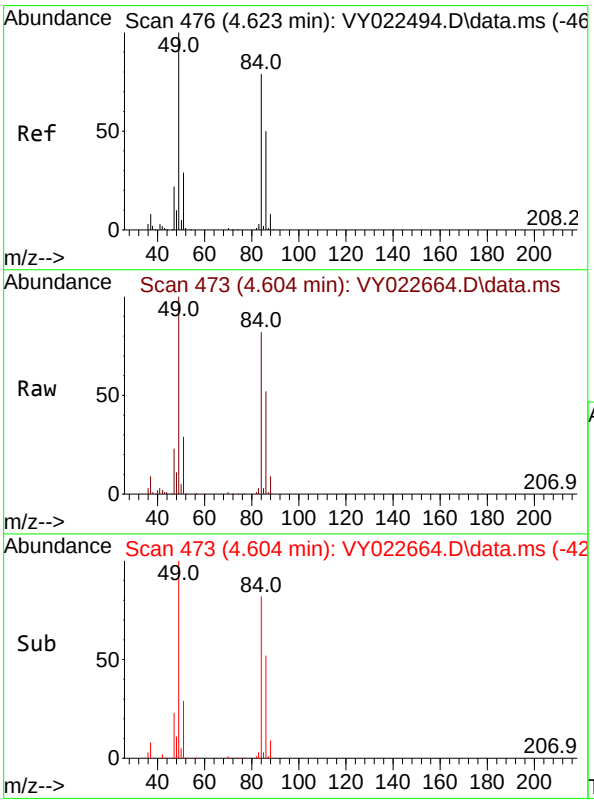
#19
Methyl tert-butyl Ether
Concen: 46.344 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 239071

Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.4	26.0

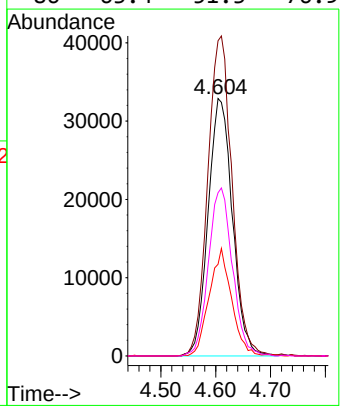


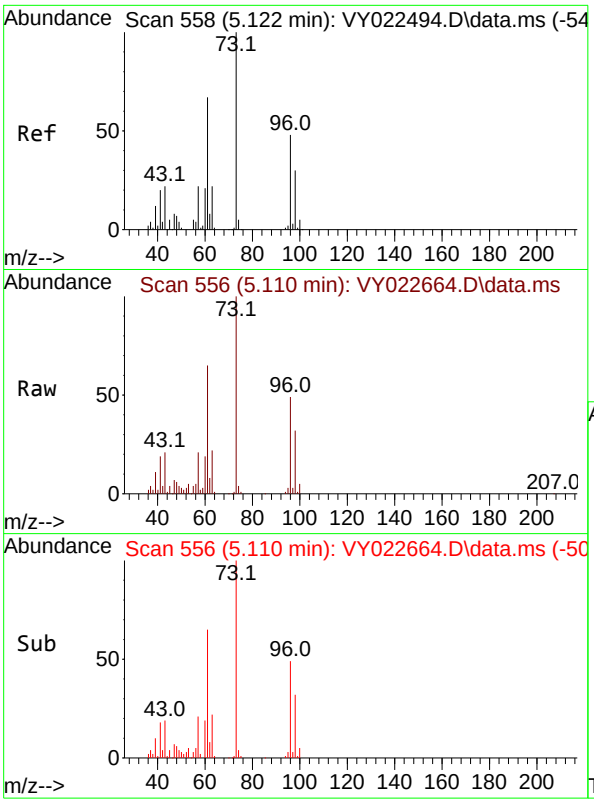


#20
Methylene Chloride
Concen: 44.947 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 84 Resp: 101284

Ion	Ratio	Lower	Upper
84	100		
49	122.4	101.9	152.9
51	35.4	29.8	44.8
86	63.4	51.3	76.9



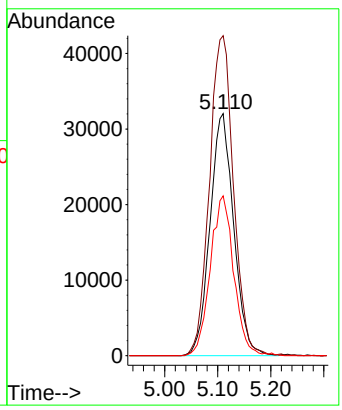


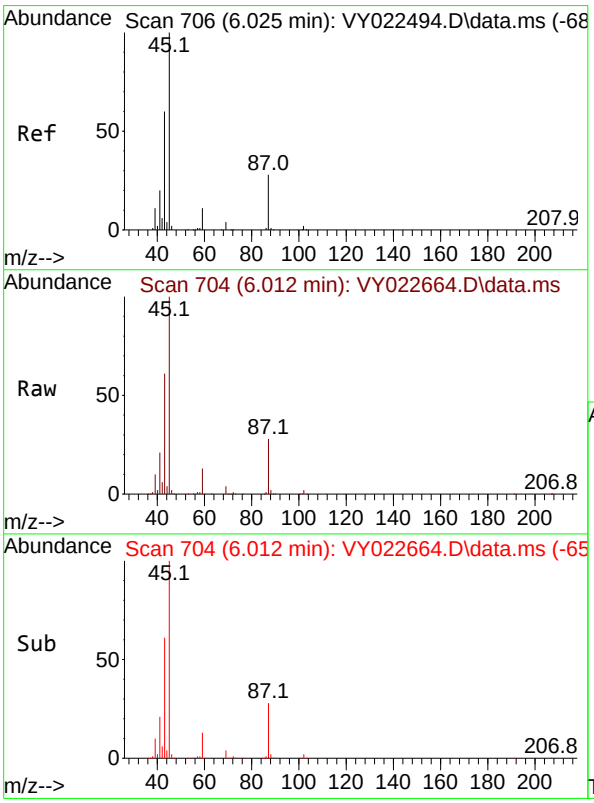
#21
trans-1,2-Dichloroethene
Concen: 48.528 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 99475

Ion	Ratio	Lower	Upper
96	100		
61	132.2	112.6	169.0
98	66.0	50.6	75.8

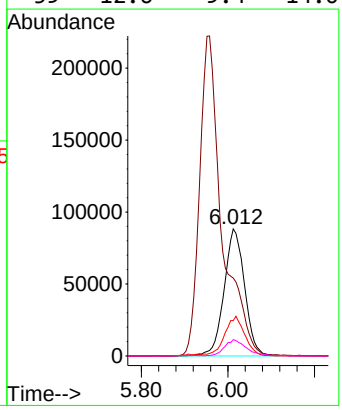


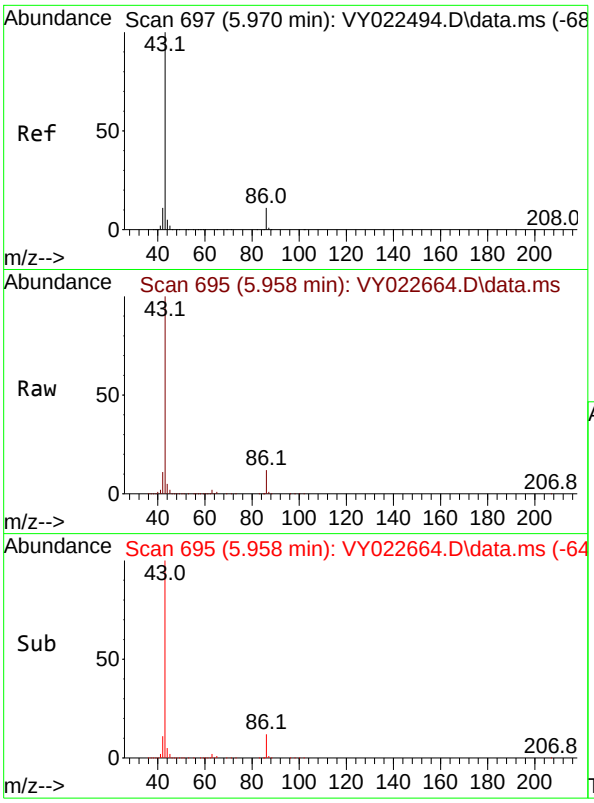


#22
Diisopropyl ether
Concen: 45.396 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 45 Resp: 290531

Ion	Ratio	Lower	Upper
45	100		
43	61.2	48.3	72.5
87	27.8	23.0	34.6
59	12.6	9.4	14.0



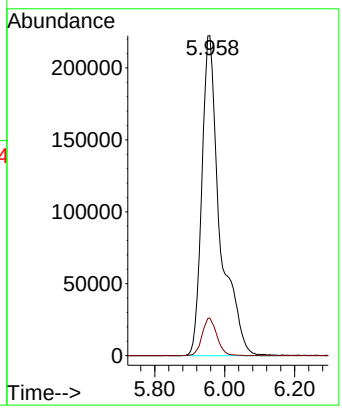


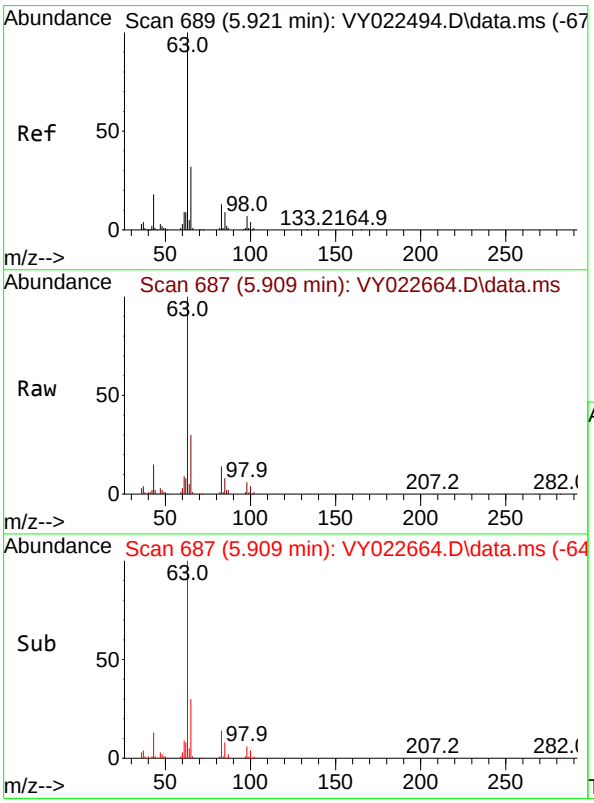
#23
Vinyl Acetate
Concen: 210.554 ug/l
RT: 5.958 min Scan# 6
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 797575

Ion	Ratio	Lower	Upper
43	100		
86	11.8	8.6	12.8

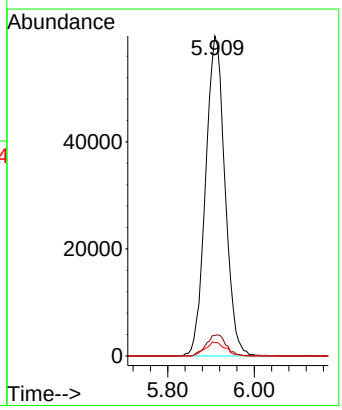


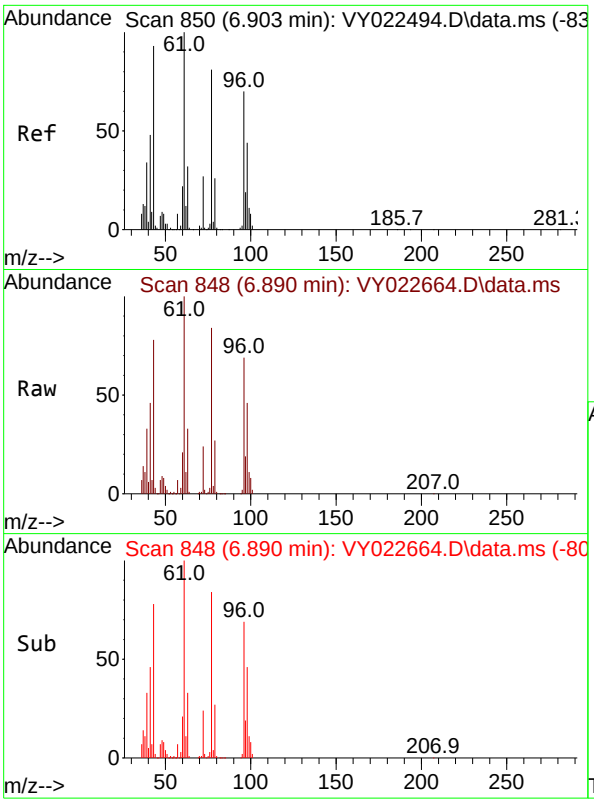


#24
1,1-Dichloroethane
Concen: 49.271 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 63 Resp: 185766

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.4	10.1
100	4.2	2.1	6.3



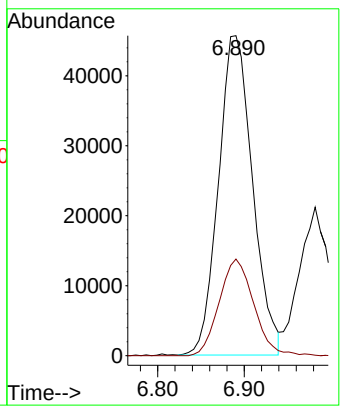


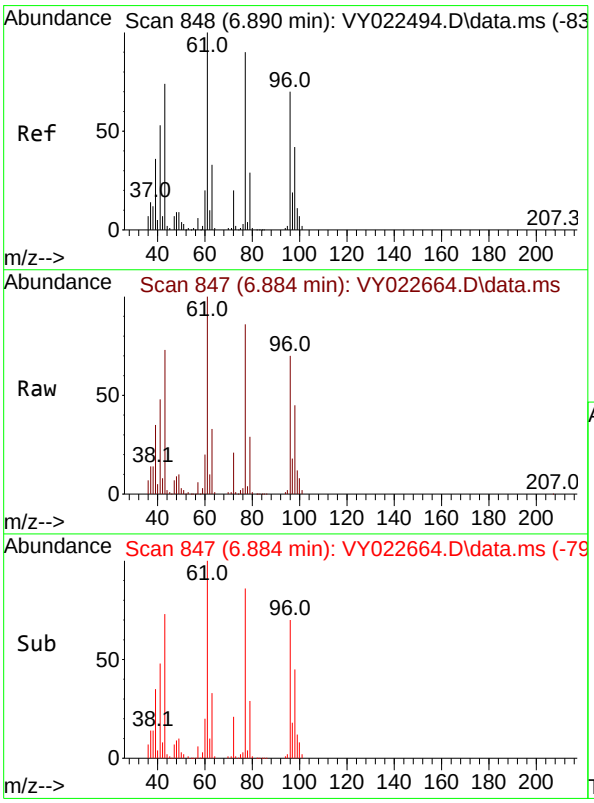
#25
2-Butanone
Concen: 218.612 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 125095

Ion	Ratio	Lower	Upper
43	100		
72	30.3	22.9	34.3

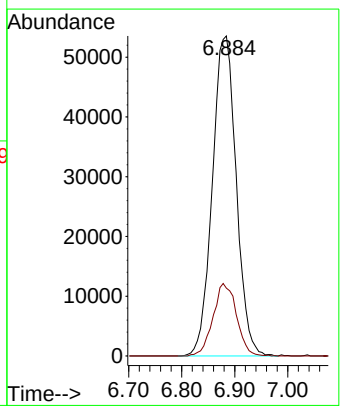


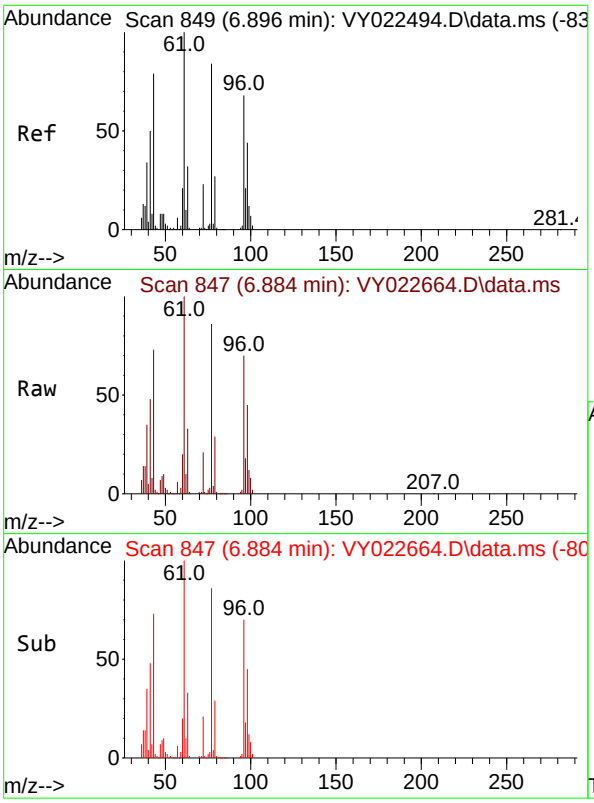


#26
2,2-Dichloropropane
Concen: 50.298 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 77 Resp: 167558

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2



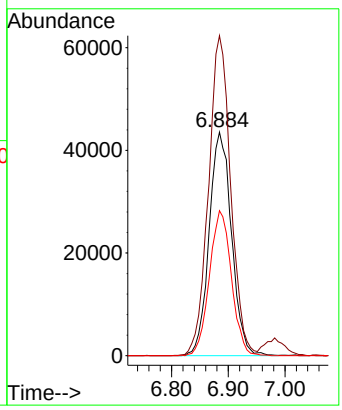


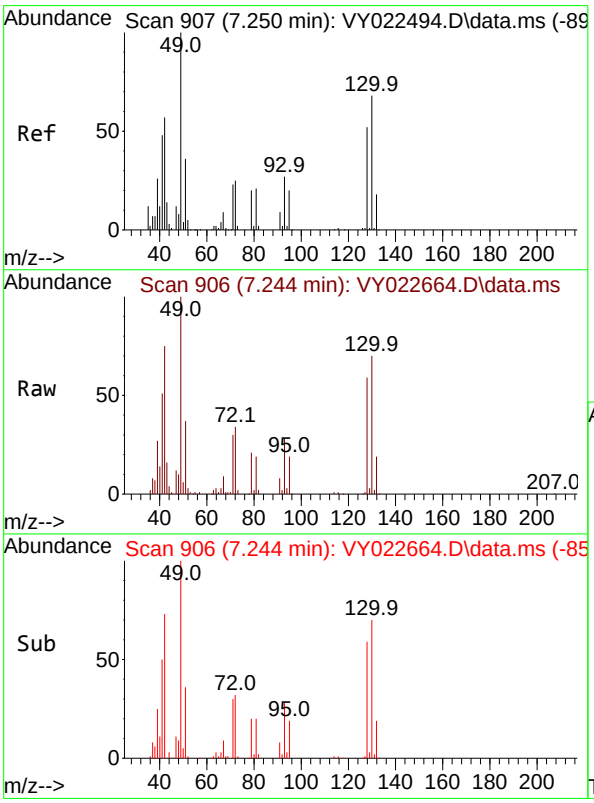
#27
cis-1,2-Dichloroethene
Concen: 50.429 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 119480

Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	290.0
98	63.8	0.0	128.4

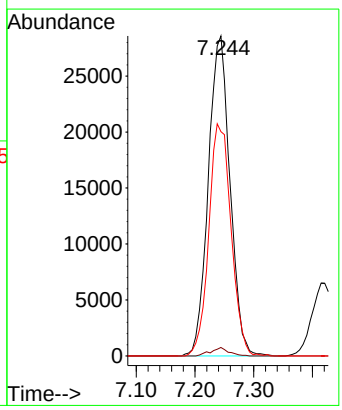


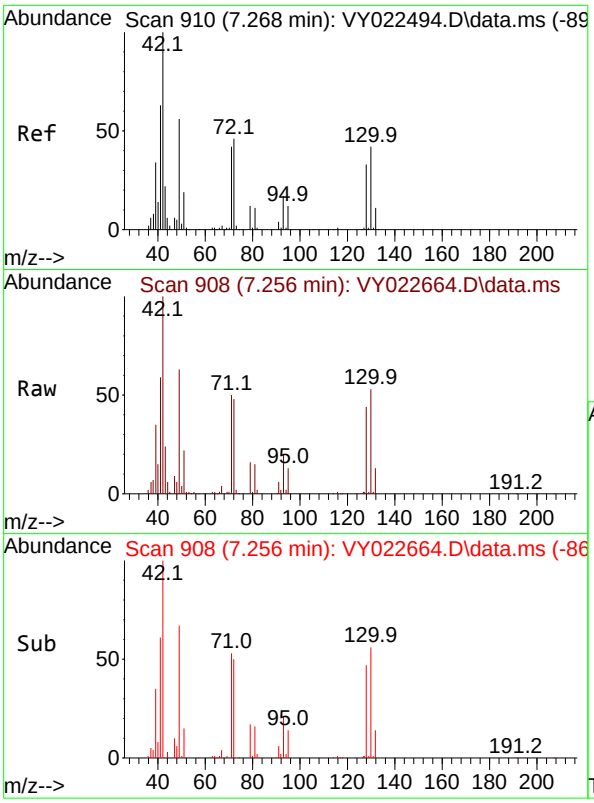


#28
Bromochloromethane
Concen: 44.621 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 49 Resp: 73335

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.6
130	74.4	55.7	83.5



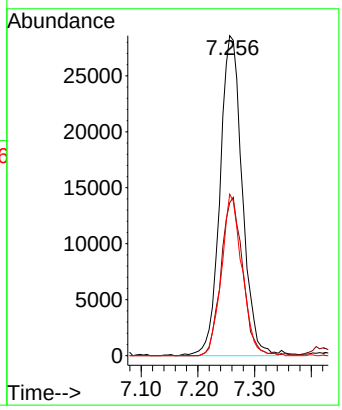


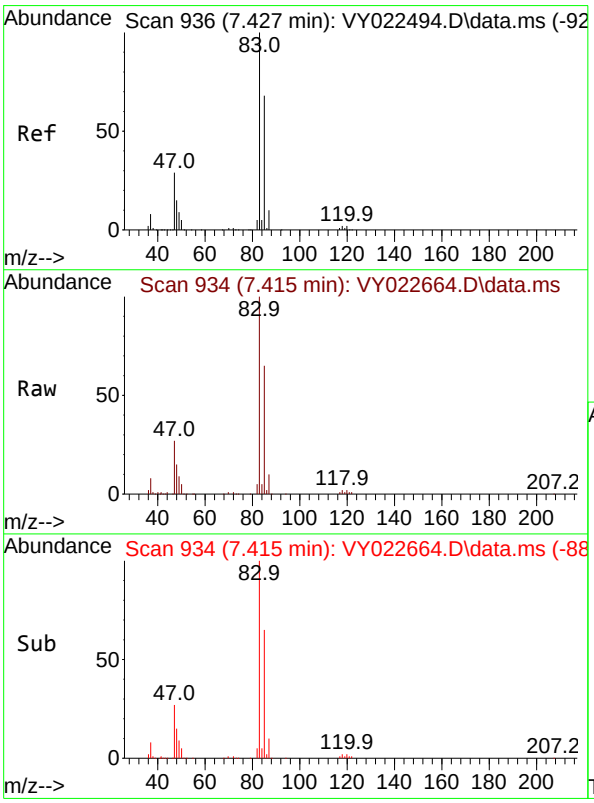
#29
Tetrahydrofuran
Concen: 210.910 ug/l
RT: 7.256 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 77840

Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.4	56.2
71	47.0	34.2	51.2

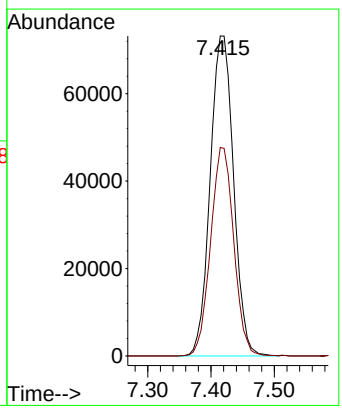


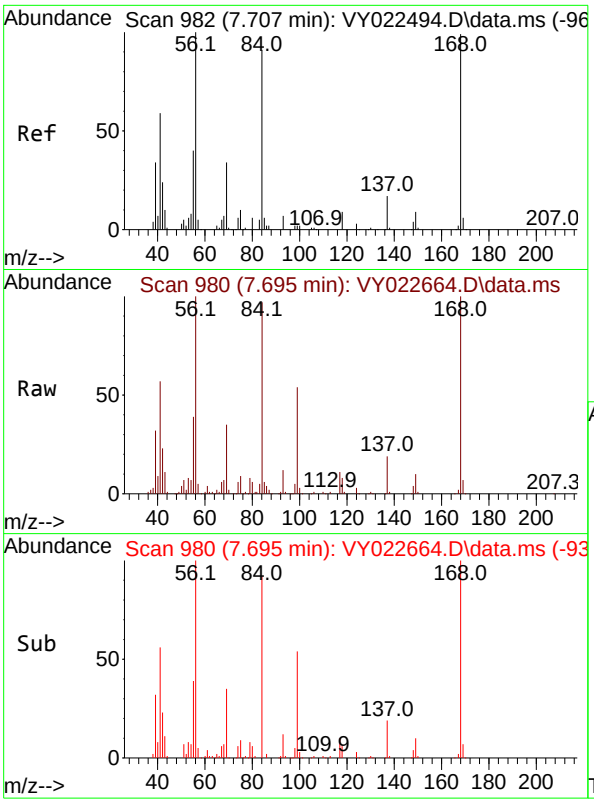


#30
Chloroform
Concen: 50.234 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 83 Resp: 187597

Ion	Ratio	Lower	Upper
83	100		
85	65.2	54.2	81.4



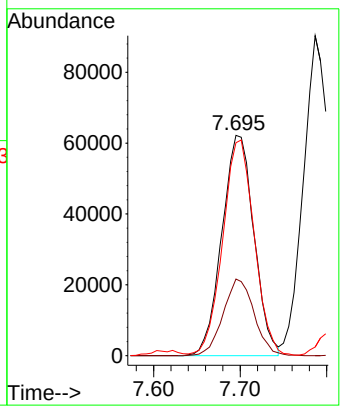


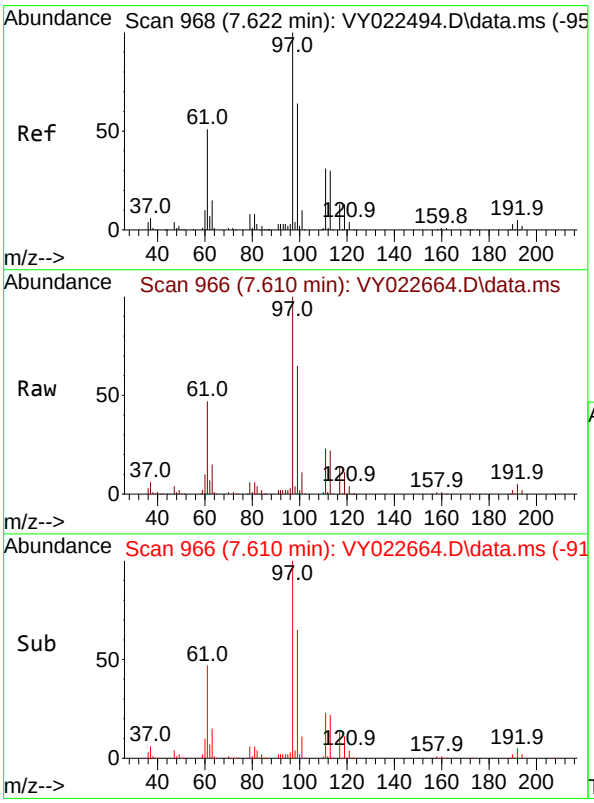
#31
Cyclohexane
Concen: 42.579 ug/l
RT: 7.695 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 159823

Ion	Ratio	Lower	Upper
56	100		
69	34.8	27.0	40.6
84	95.2	72.6	109.0

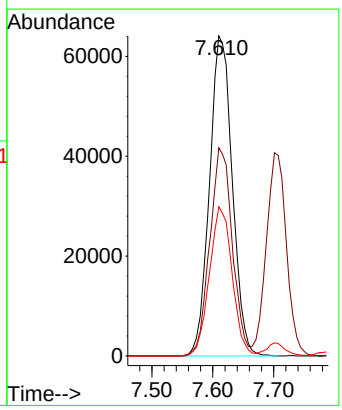


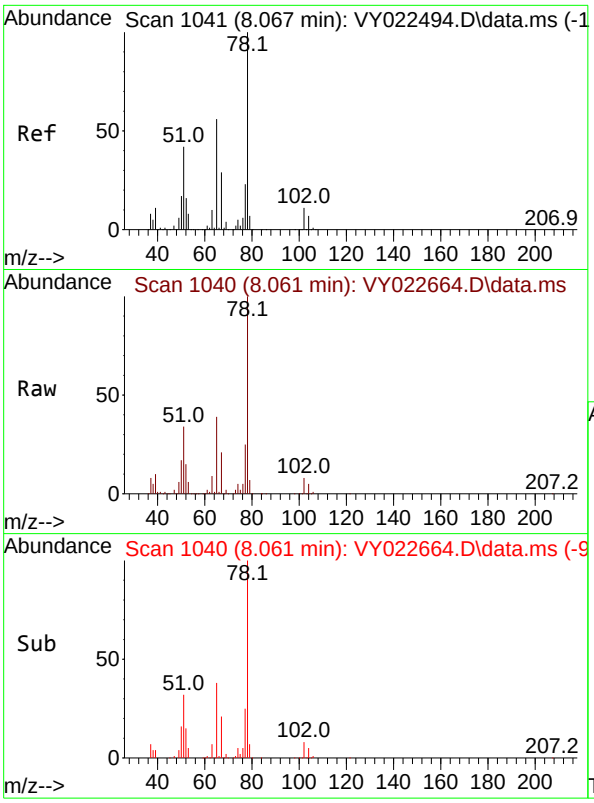


#32
1,1,1-Trichloroethane
Concen: 50.229 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 97 Resp: 166517

Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.9	76.3
61	46.4	38.5	57.7



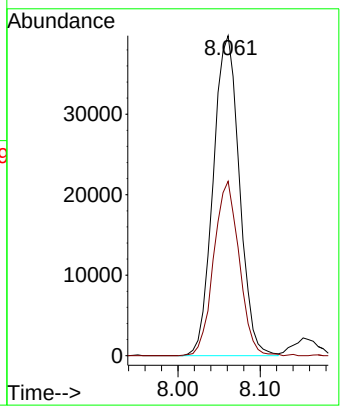


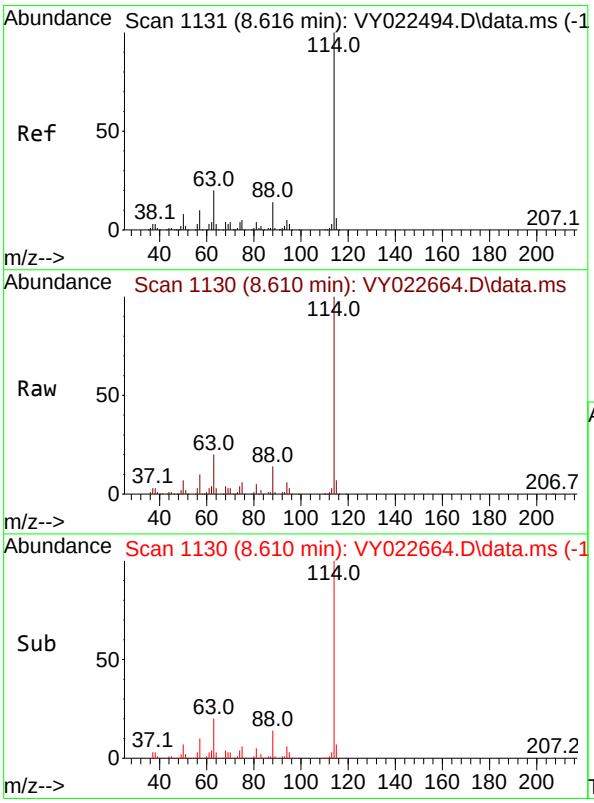
#33
1,2-Dichloroethane-d4
Concen: 45.131 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 88159

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.4

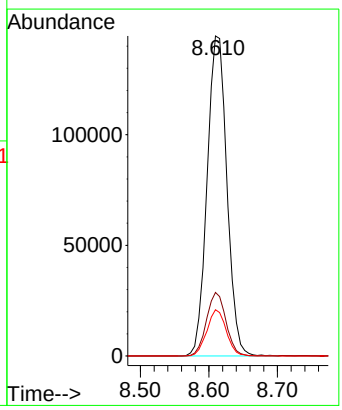


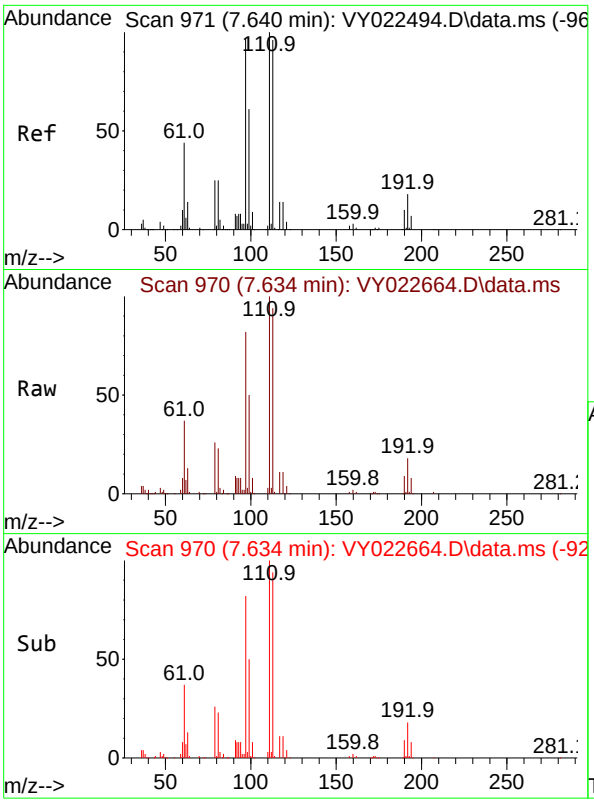


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:114 Resp: 290386

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	14.4	0.0	27.8



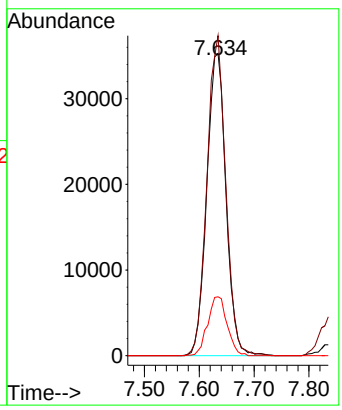


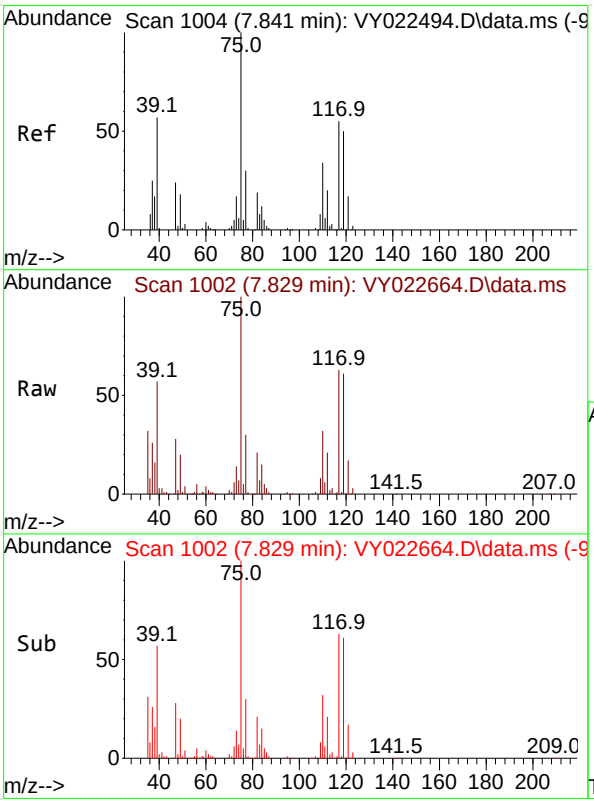
#35
Dibromofluoromethane
Concen: 49.517 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 85825

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.1	121.7
192	19.7	14.2	21.2

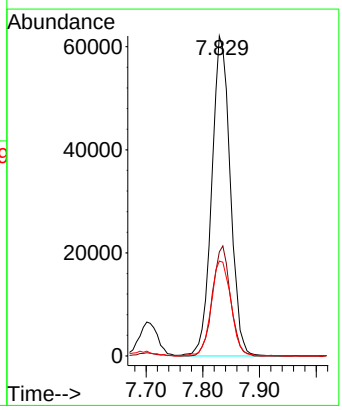


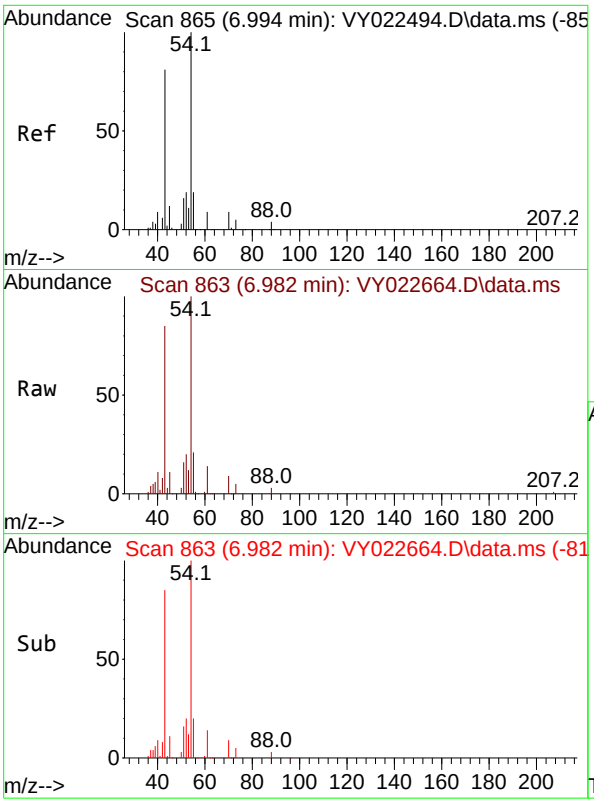


#36
1,1-Dichloropropene
Concen: 50.076 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 75 Resp: 140868

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	31.7	24.8	37.2



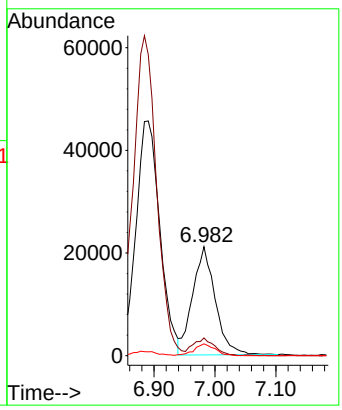


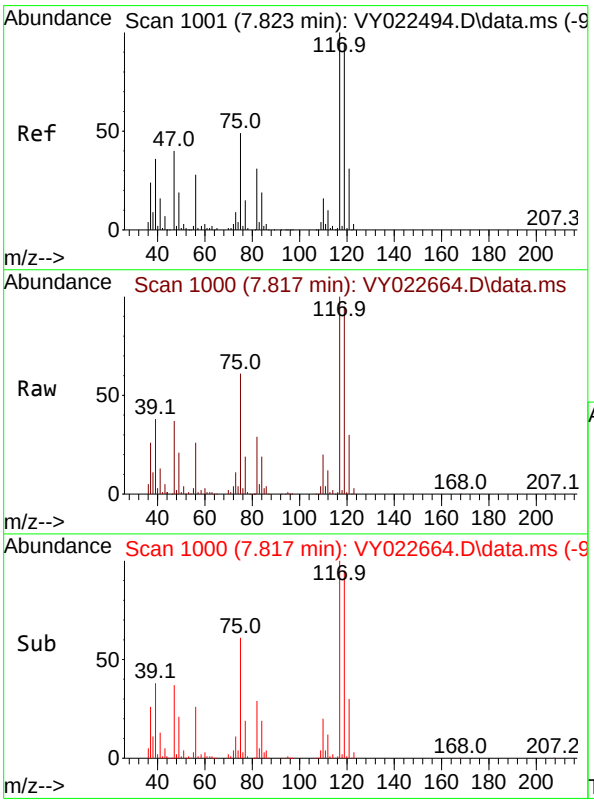
#37
Ethyl Acetate
Concen: 43.311 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 54334

Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.5	17.3
70	10.0	7.2	10.8

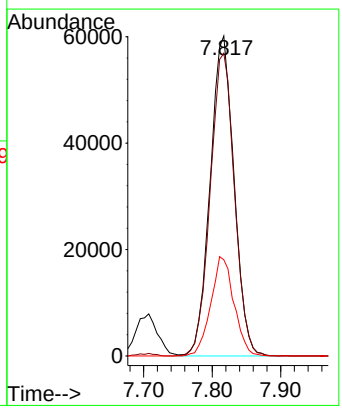


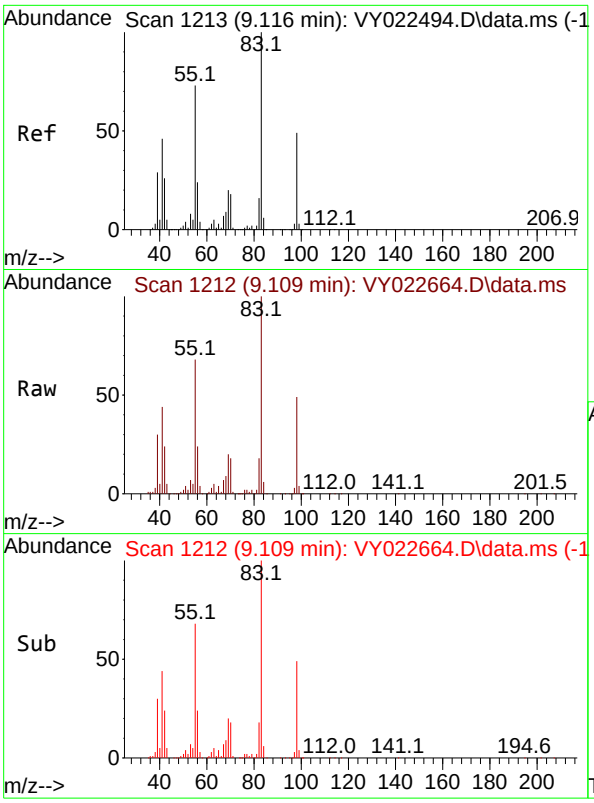


#38
Carbon Tetrachloride
Concen: 50.408 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:117 Resp: 145468

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.0	112.6
121	30.0	25.0	37.4



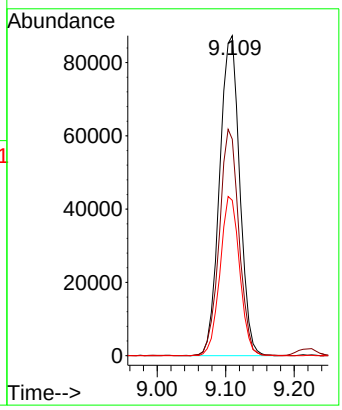


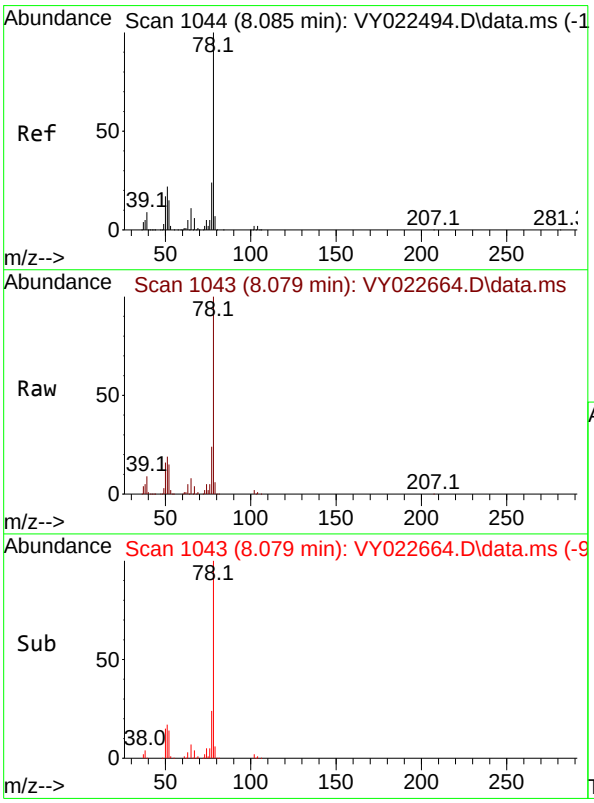
#39
Methylcyclohexane
Concen: 46.938 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 177444

Ion	Ratio	Lower	Upper
83	100		
55	67.6	58.1	87.1
98	48.5	39.0	58.6

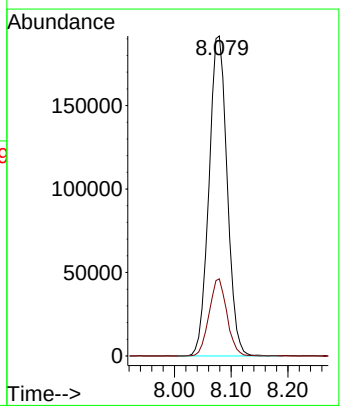


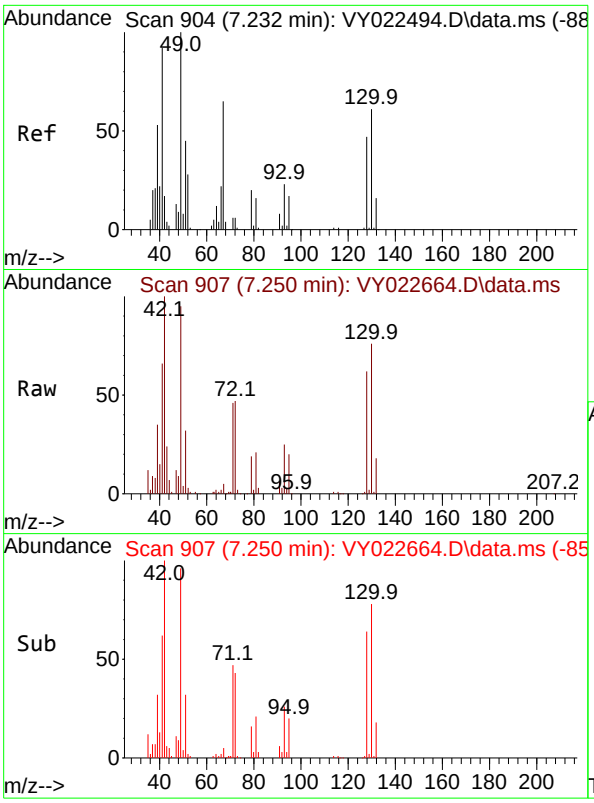


#40
Benzene
Concen: 51.354 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 78 Resp: 426686

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9



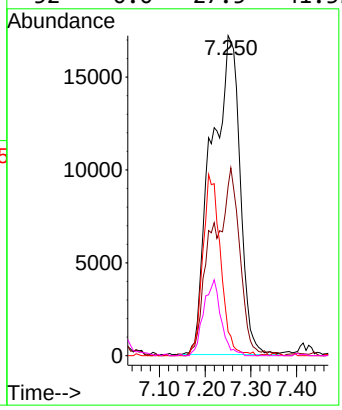


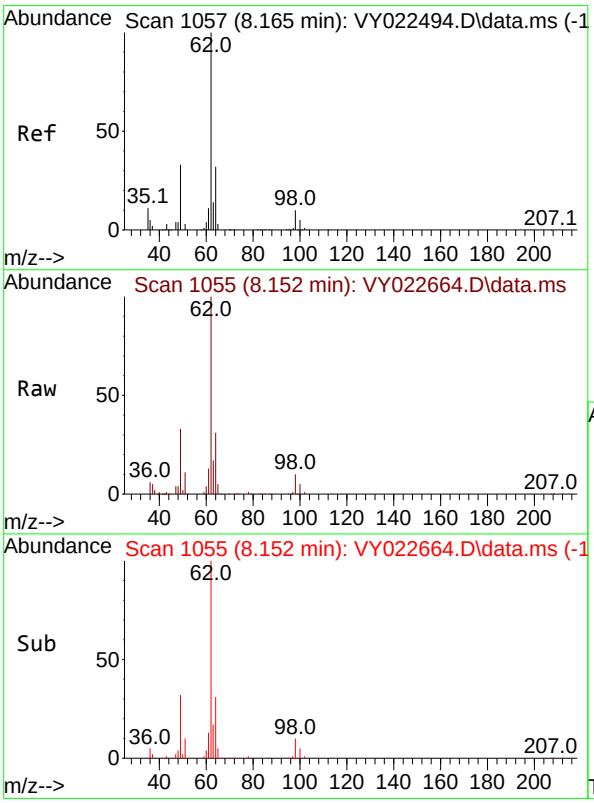
#41
Methacrylonitrile
Concen: 101.816 ug/l
RT: 7.250 min Scan# 9
Delta R.T. 0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 74607

Ion	Ratio	Lower	Upper
41	100		
39	28.7	46.6	69.8#
67	0.0	63.3	94.9#
52	0.0	27.5	41.3#

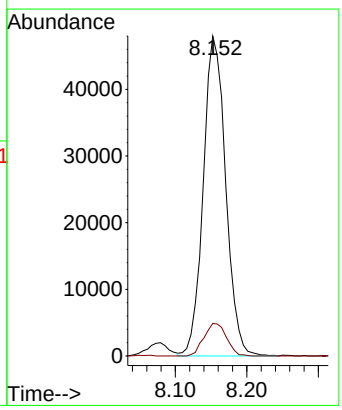


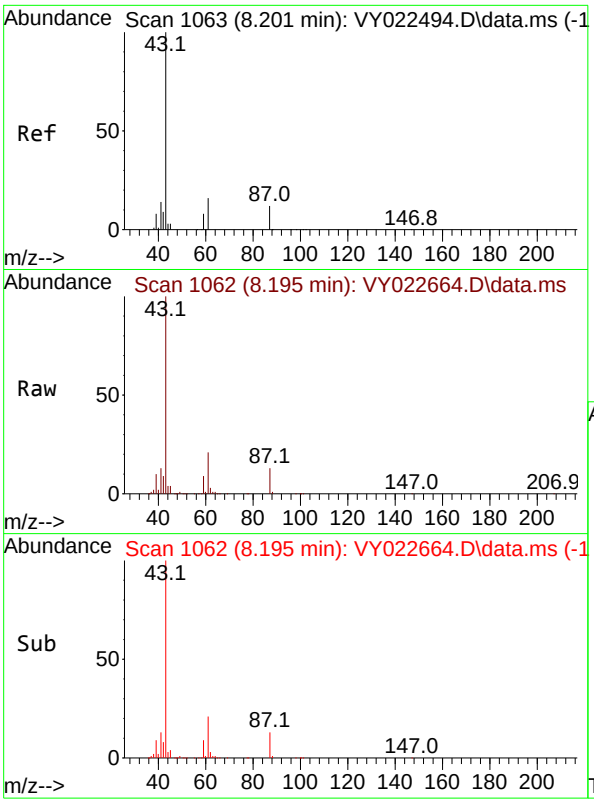


#42
1,2-Dichloroethane
Concen: 46.095 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 62 Resp: 104573

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2



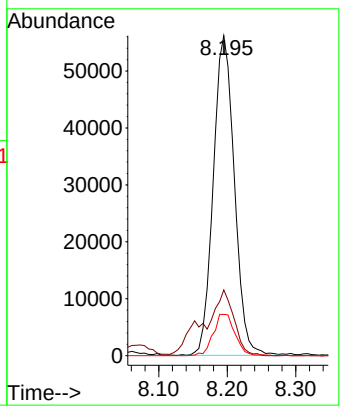


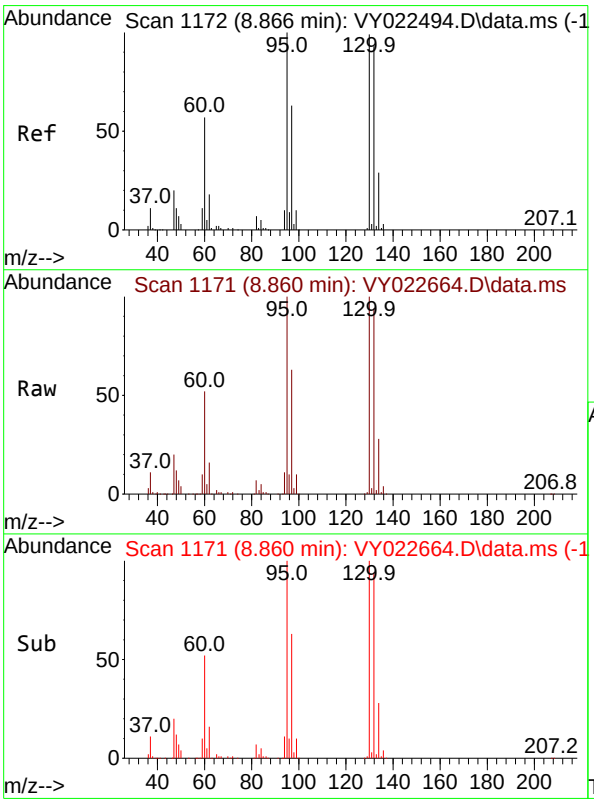
#43
Isopropyl Acetate
Concen: 44.305 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 120039

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.6	23.4
87	13.4	10.2	15.4

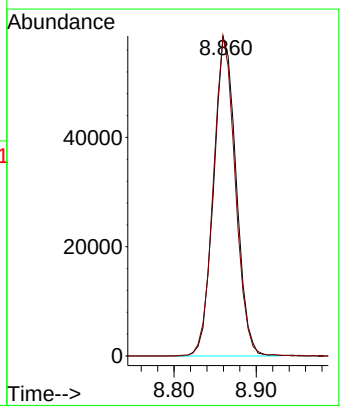


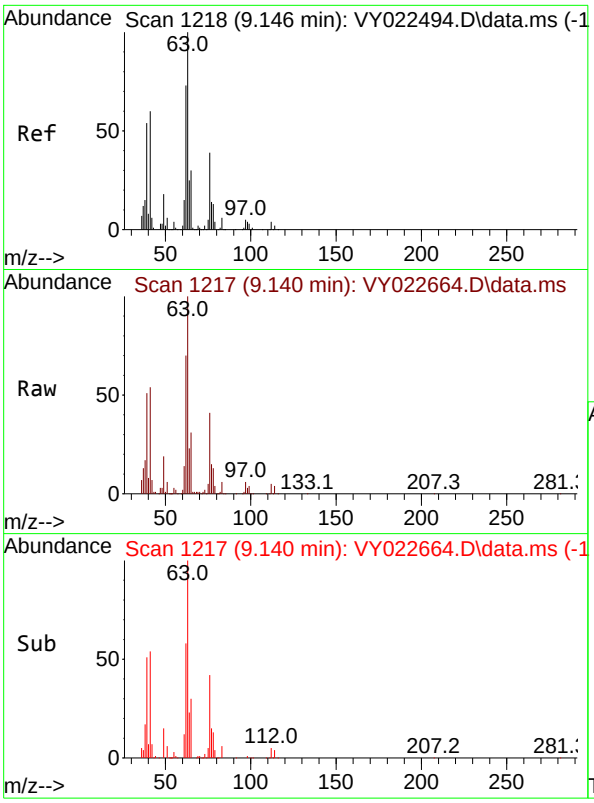


#44
Trichloroethene
Concen: 54.584 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:130 Resp: 110843

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	203.0



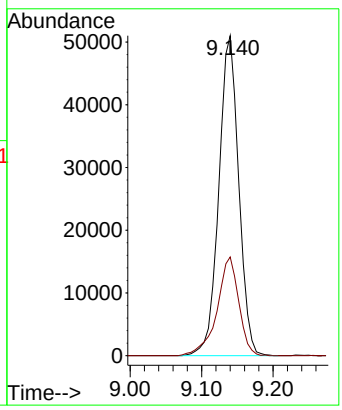


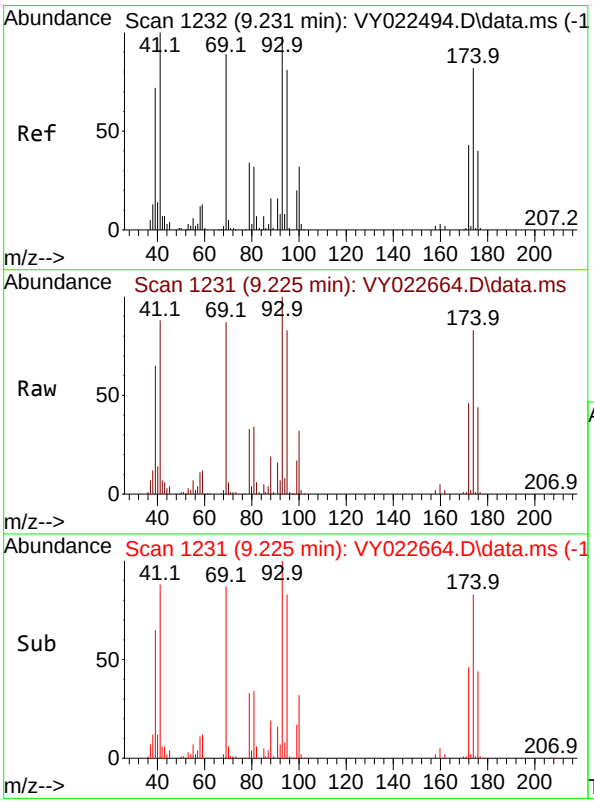
#45
1,2-Dichloropropane
Concen: 50.184 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 98541

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.0	36.0

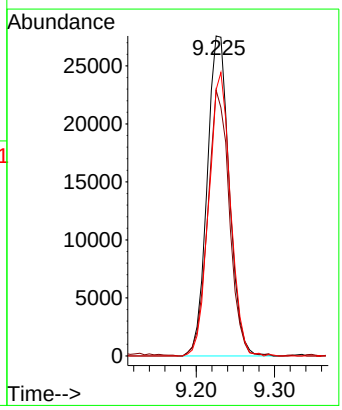


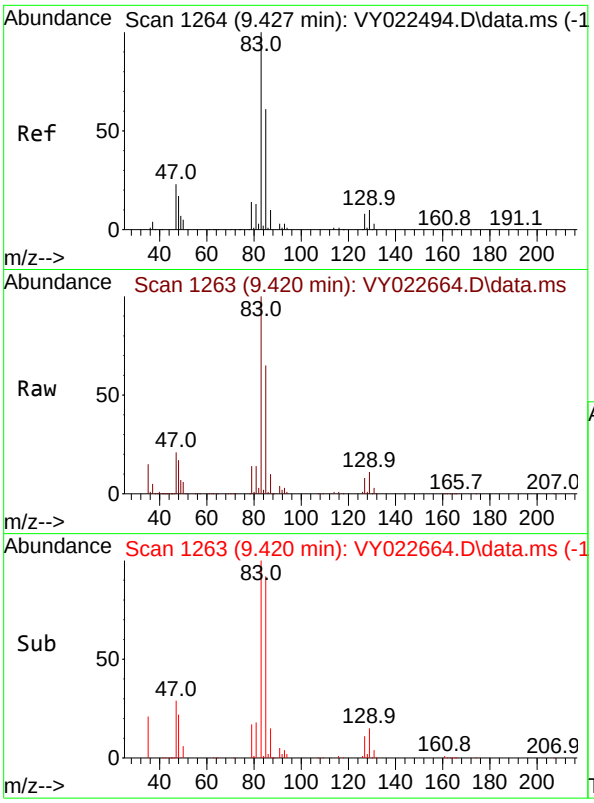


#46
Dibromomethane
Concen: 48.978 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 93 Resp: 54106

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.6	98.4
174	86.6	70.4	105.6



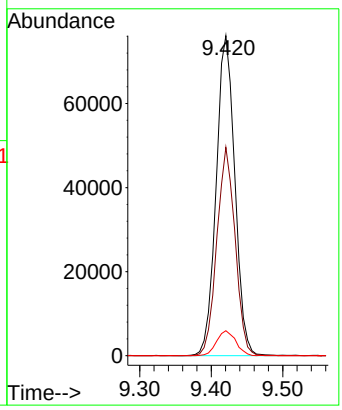


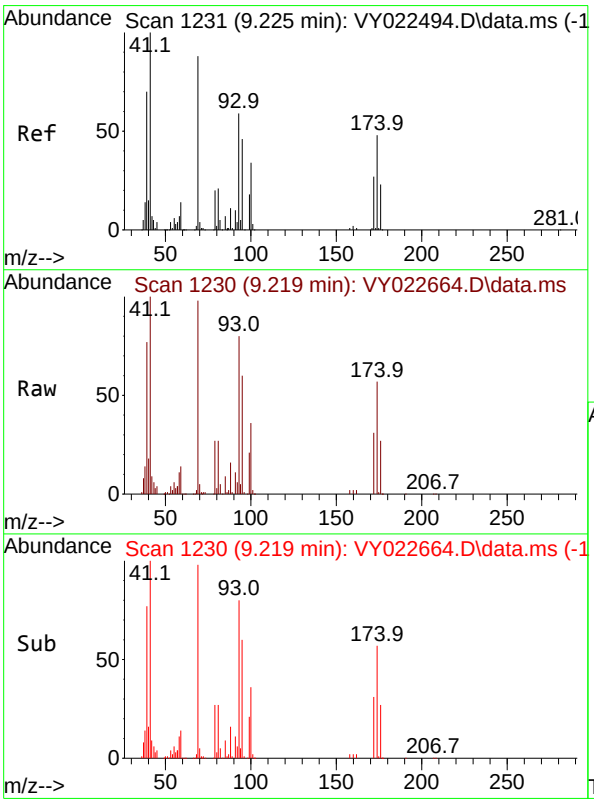
#47
Bromodichloromethane
Concen: 49.246 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 137944

Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.1	73.7
127	7.8	6.2	9.4

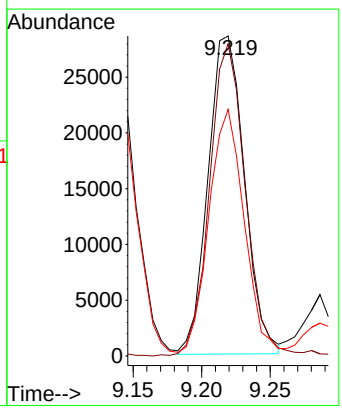


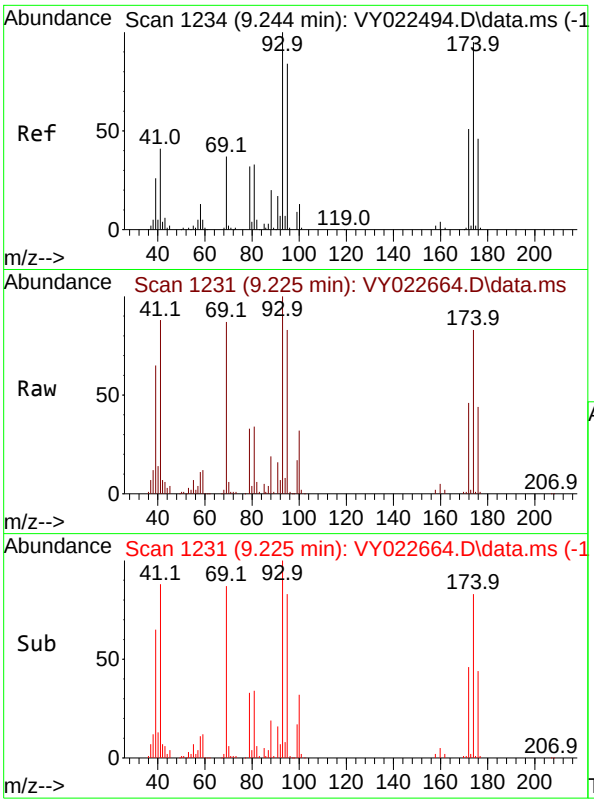


#48
Methyl methacrylate
Concen: 41.507 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 41 Resp: 52779

Ion	Ratio	Lower	Upper
41	100		
69	96.7	67.8	101.8
39	73.4	55.0	82.4



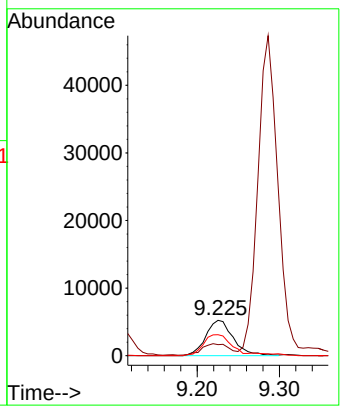


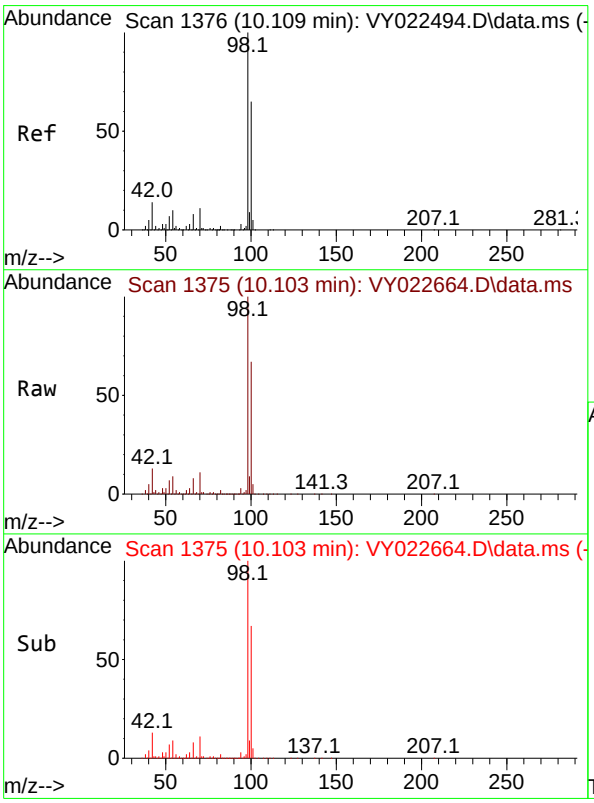
#49
1,4-Dioxane
Concen: 930.584 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 12179

Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.4	38.2
58	59.2	54.9	82.3

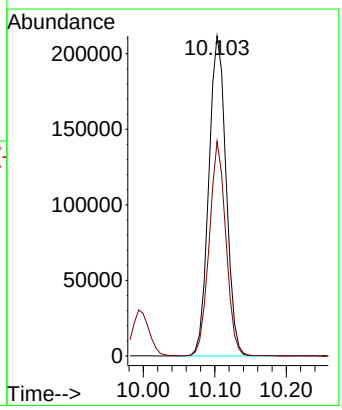


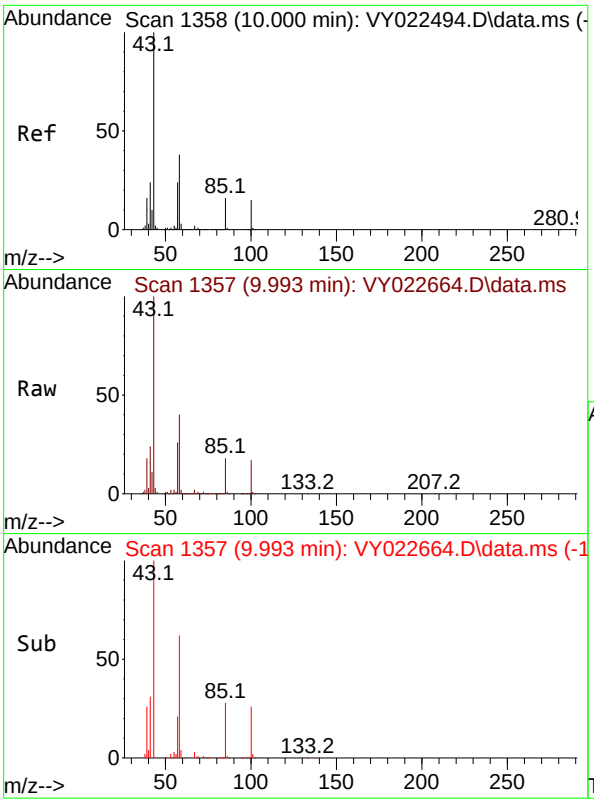


#50
Toluene-d8
Concen: 50.745 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 98 Resp: 355393

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0



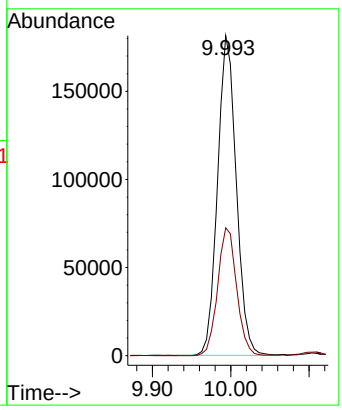


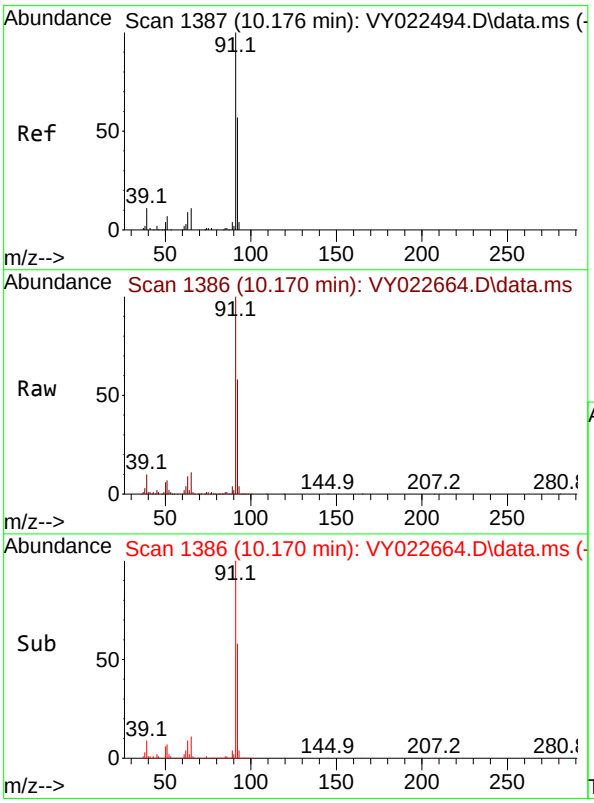
#51
4-Methyl-2-Pentanone
Concen: 223.486 ug/l
RT: 9.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 301886

Ion	Ratio	Lower	Upper
43	100		
58	40.7	30.4	45.6

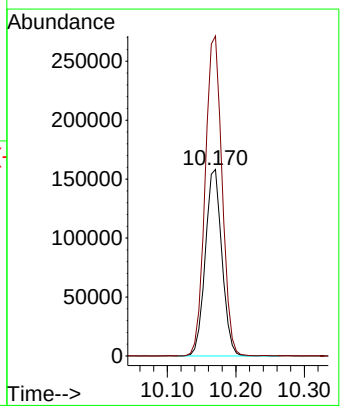


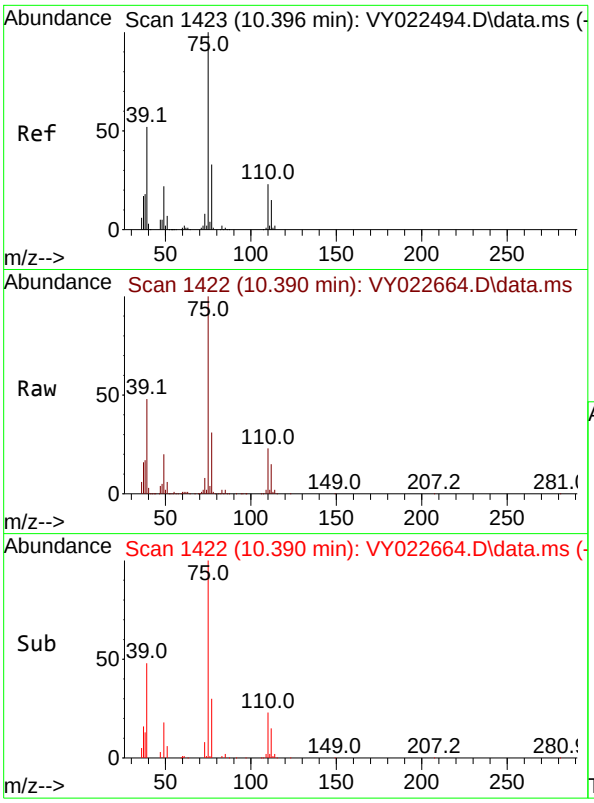


#52
Toluene
Concen: 51.024 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 92 Resp: 266417

Ion	Ratio	Lower	Upper
92	100		
91	174.6	139.0	208.4



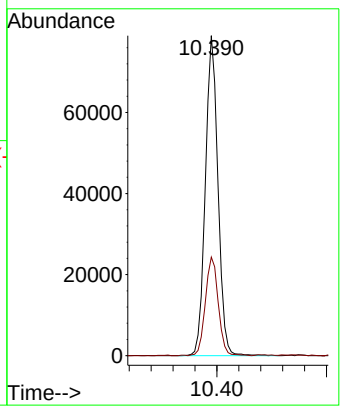


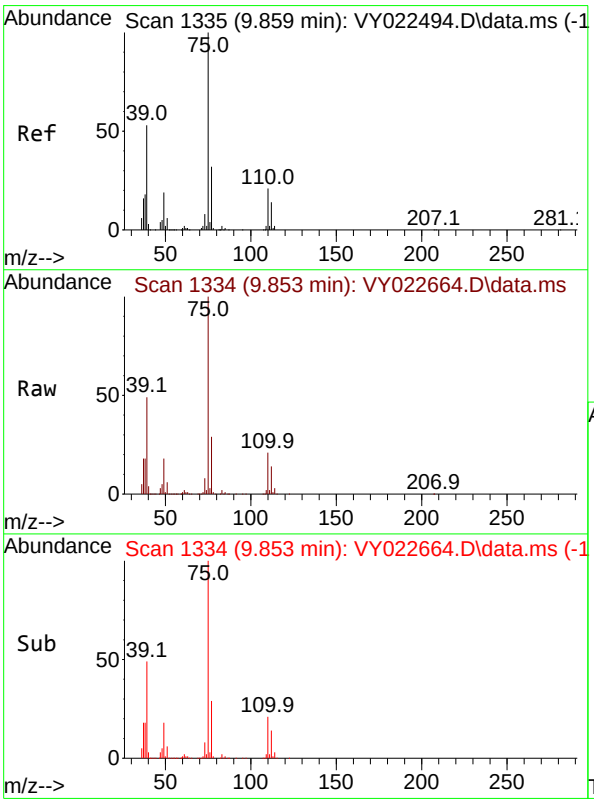
#53
t-1,3-Dichloropropene
Concen: 47.738 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 125291

Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.5	39.7

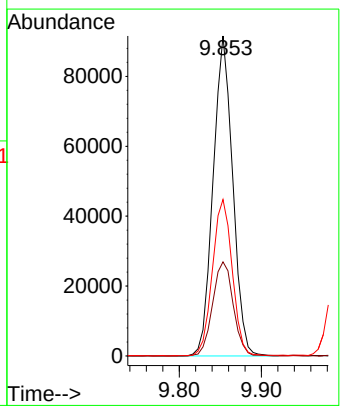


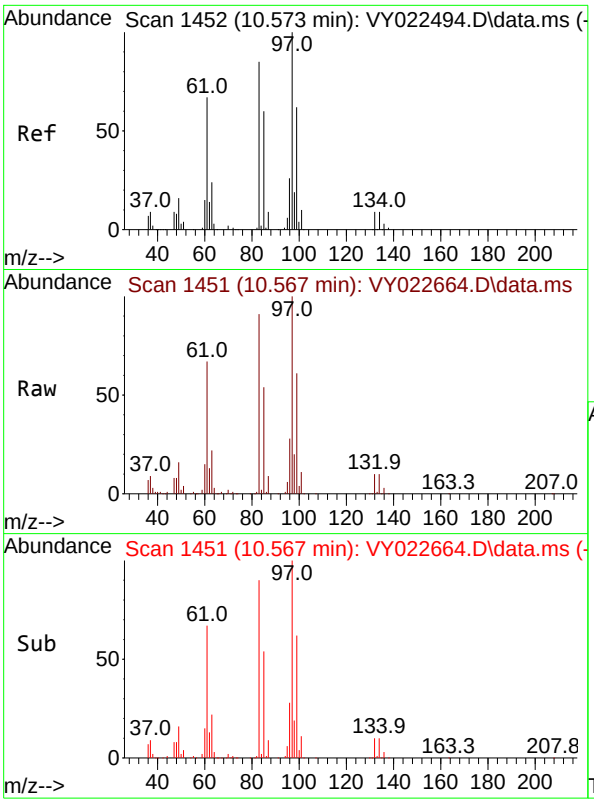


#54
cis-1,3-Dichloropropene
Concen: 49.616 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 75 Resp: 151585

Ion	Ratio	Lower	Upper
75	100		
77	29.4	25.3	37.9
39	48.8	42.7	64.1



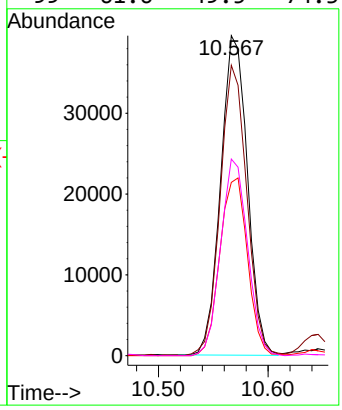


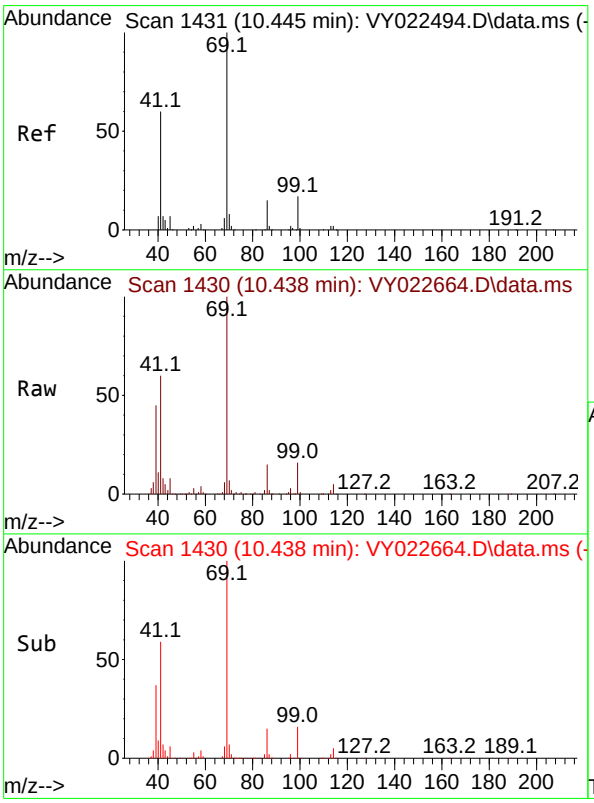
#55
1,1,2-Trichloroethane
Concen: 47.632 ug/l
RT: 10.567 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 67097

Ion	Ratio	Lower	Upper
97	100		
83	90.8	68.1	102.1
85	54.3	48.2	72.2
99	61.6	49.5	74.3

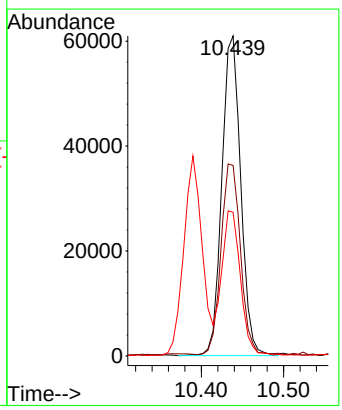


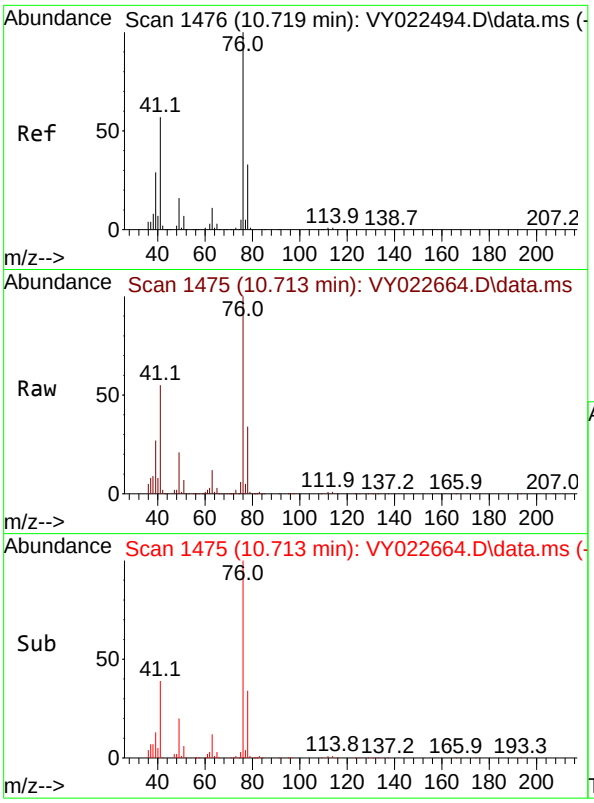


#56
Ethyl methacrylate
Concen: 47.764 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 69 Resp: 97246

Ion	Ratio	Lower	Upper
69	100		
41	61.5	52.2	78.2
39	44.8	36.7	55.1



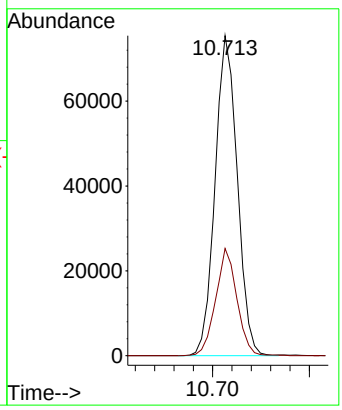


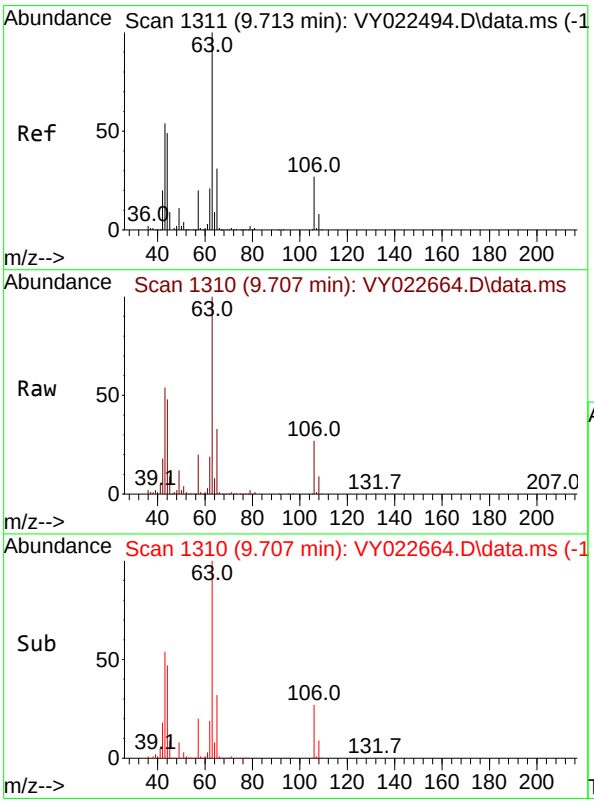
#57
1,3-Dichloropropane
Concen: 48.090 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 120065

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8

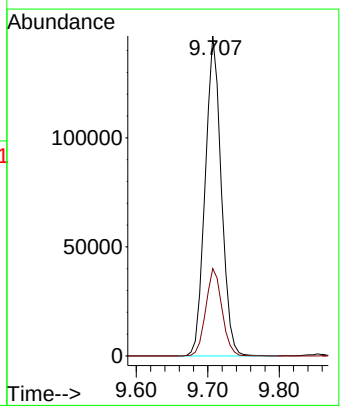


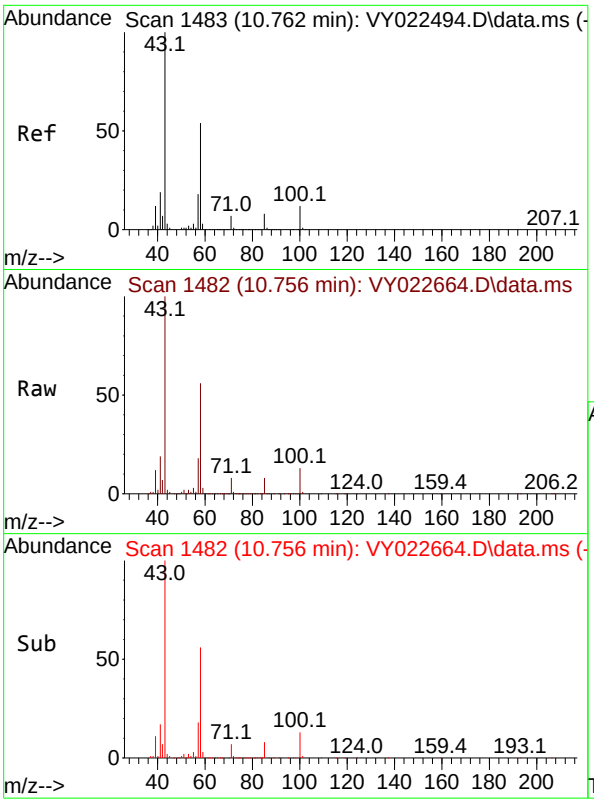


#58
2-Chloroethyl Vinyl ether
Concen: 248.382 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 63 Resp: 229595

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.6	32.4



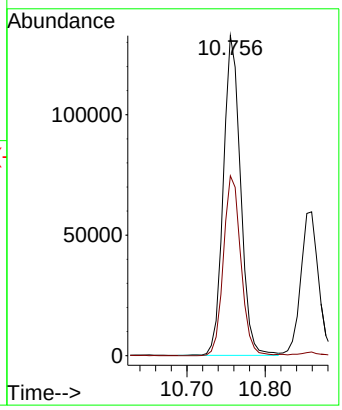


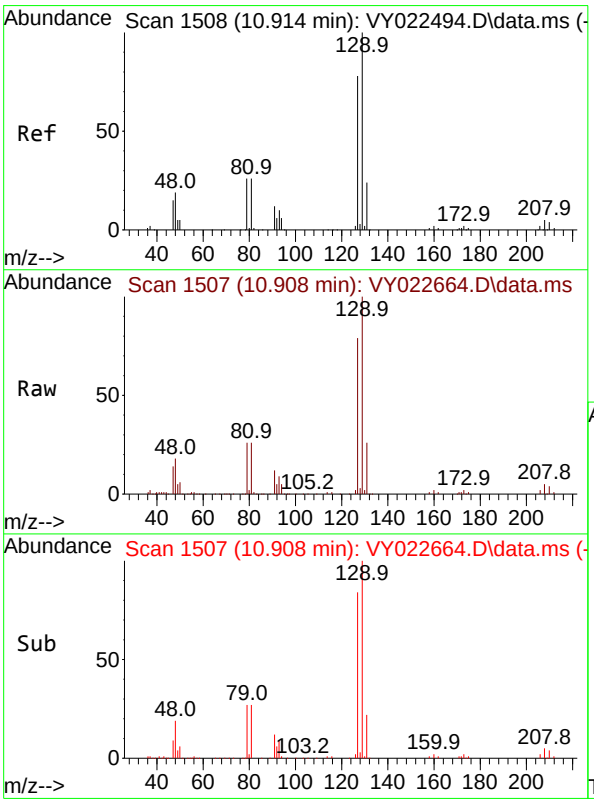
#59
2-Hexanone
Concen: 224.569 ug/l
RT: 10.756 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 202877

Ion	Ratio	Lower	Upper
43	100		
58	57.3	27.3	81.8

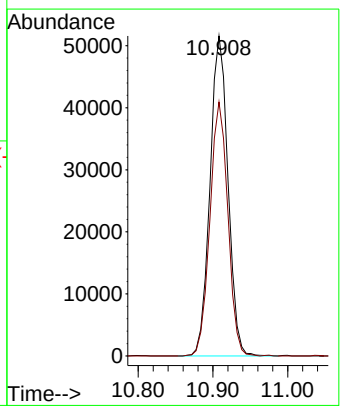


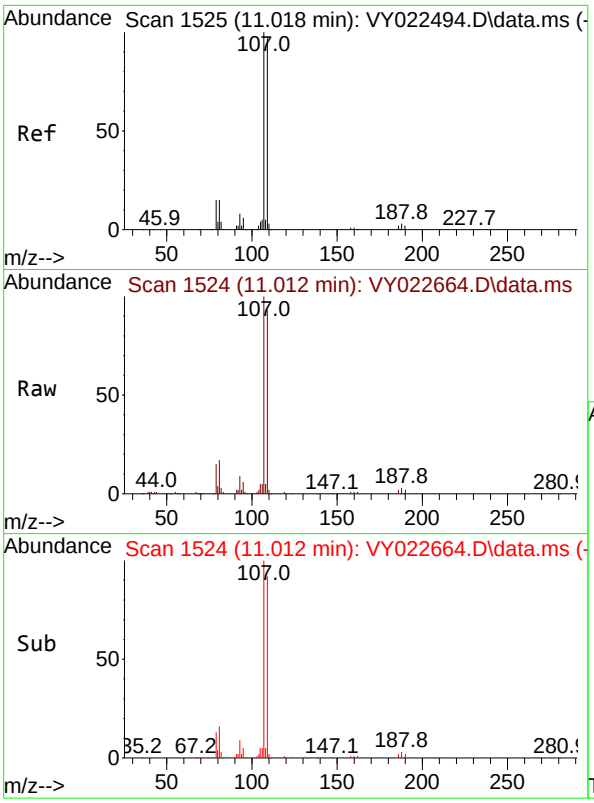


#60
Dibromochloromethane
Concen: 48.149 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:129 Resp: 86194

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.1	117.2



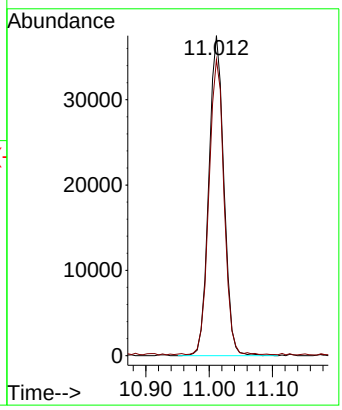


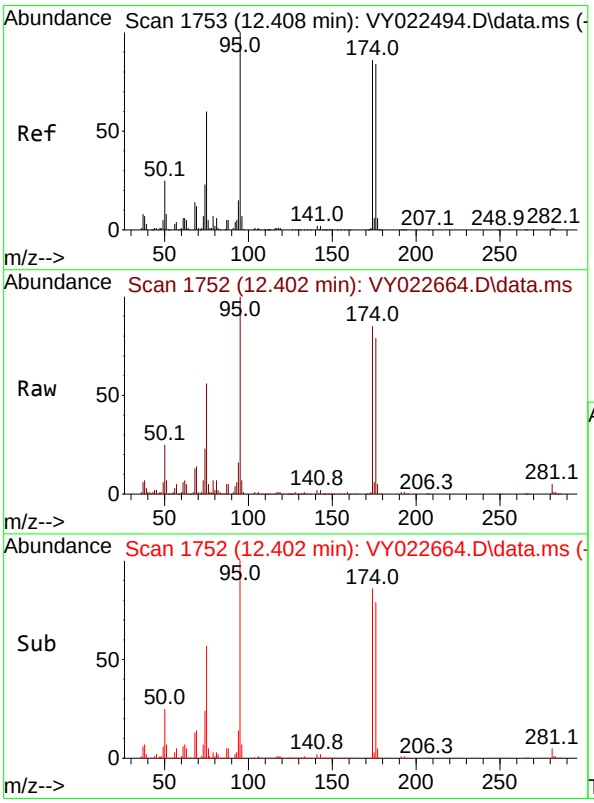
#61
1,2-Dibromoethane
Concen: 48.421 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 62168

Ion	Ratio	Lower	Upper
107	100		
109	92.2	77.7	116.5

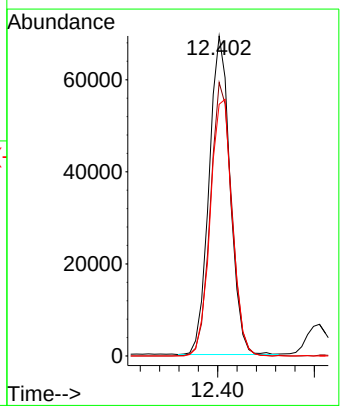


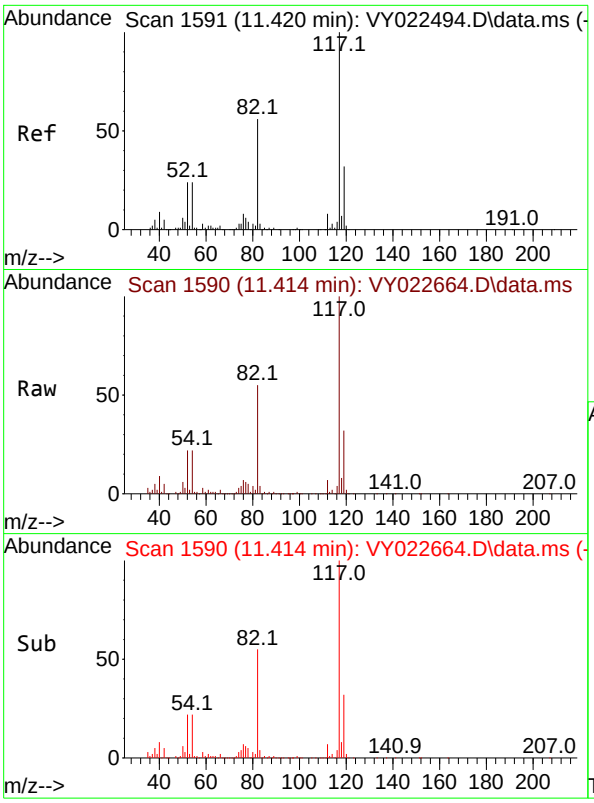


#62
4-Bromofluorobenzene
Concen: 50.044 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 95 Resp: 104426

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	170.0
176	84.4	0.0	166.2



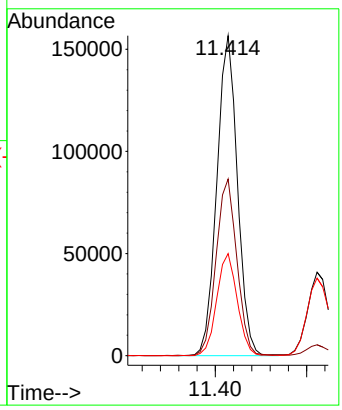


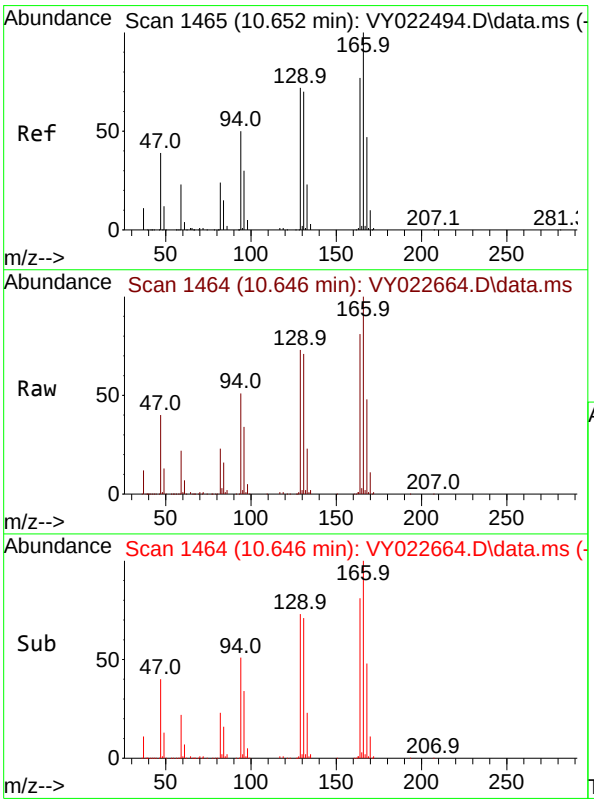
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 245247

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	31.9	25.4	38.0

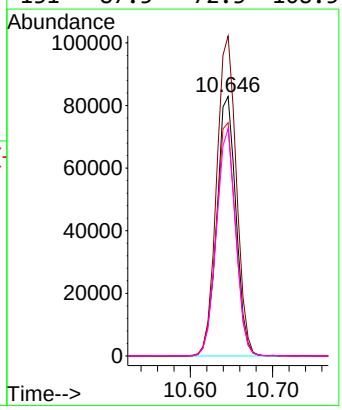


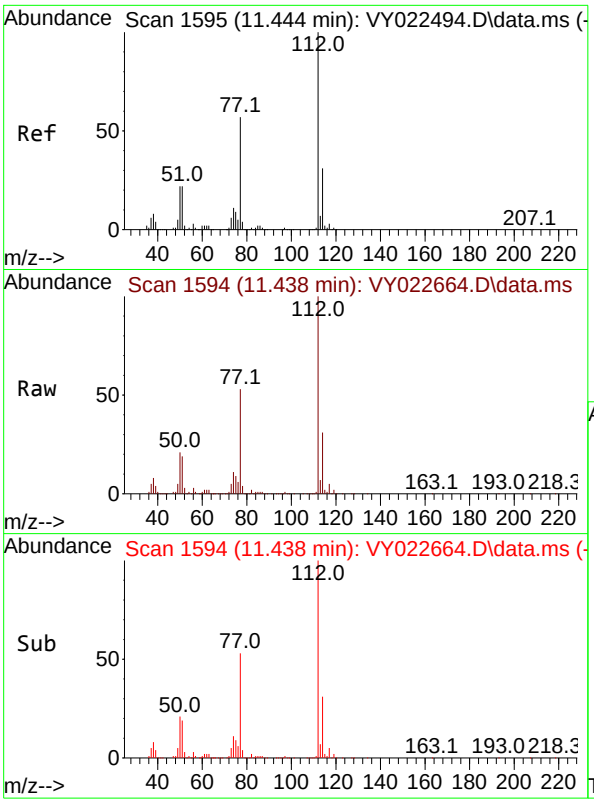


#64
Tetrachloroethene
Concen: 63.928 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:164 Resp: 134865

Ion	Ratio	Lower	Upper
164	100		
166	123.3	104.0	156.0
129	89.9	74.5	111.7
131	87.5	72.3	108.5



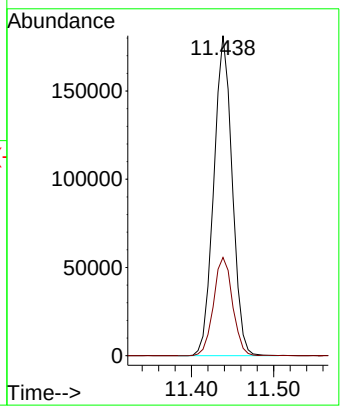


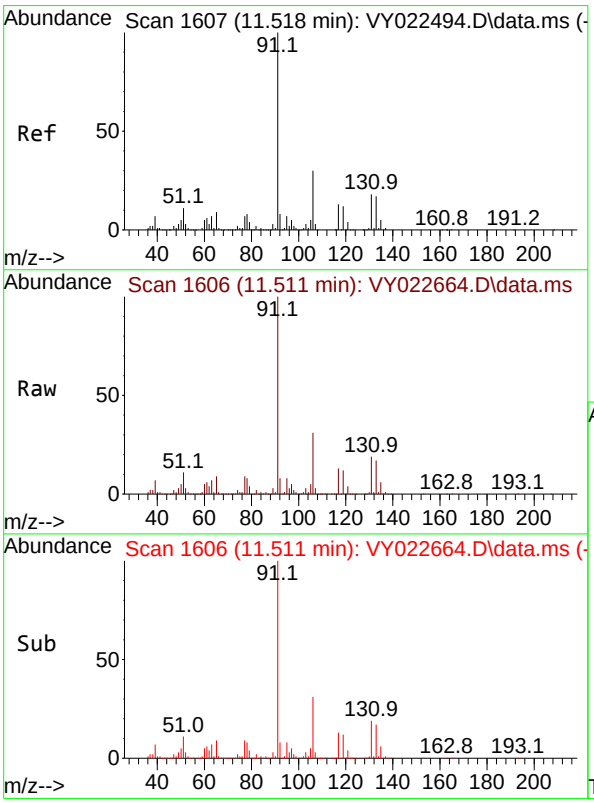
#65
Chlorobenzene
Concen: 51.989 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 282144

Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.0	37.6

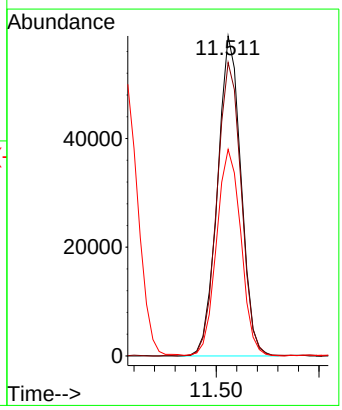


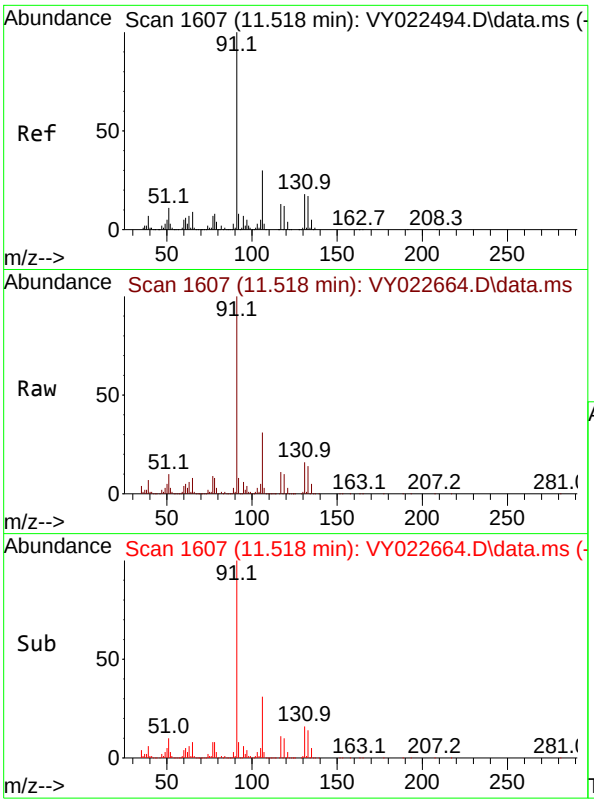


#66
1,1,1,2-Tetrachloroethane
Concen: 51.056 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:131 Resp: 93342

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.3	141.8
119	67.1	33.1	99.3



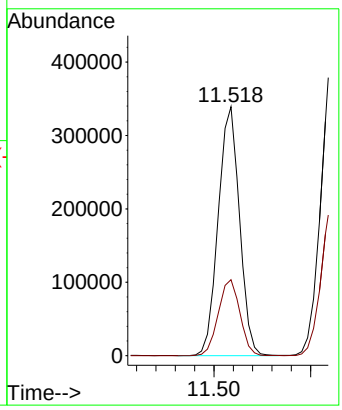


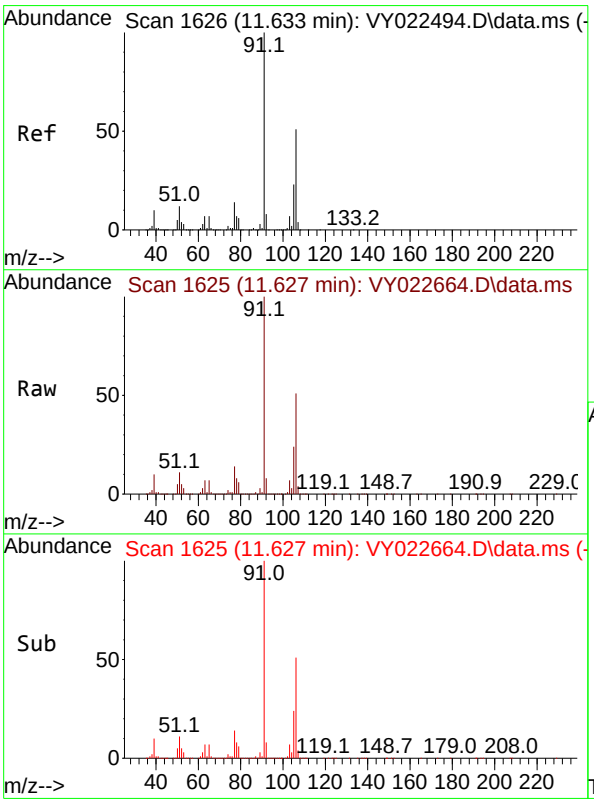
#67
Ethyl Benzene
Concen: 51.398 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 517369

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.2	36.4

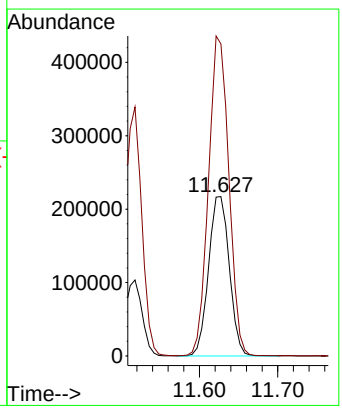


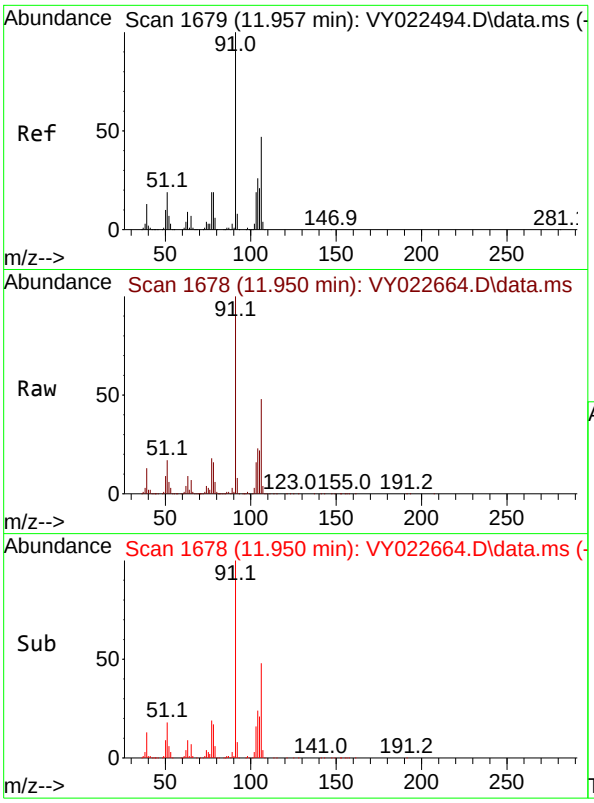


#68
m/p-Xylenes
Concen: 104.498 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:106 Resp: 398753

Ion	Ratio	Lower	Upper
106	100		
91	196.9	159.4	239.0



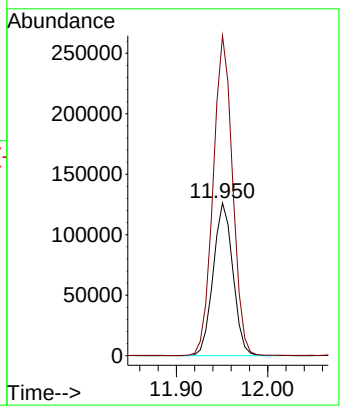


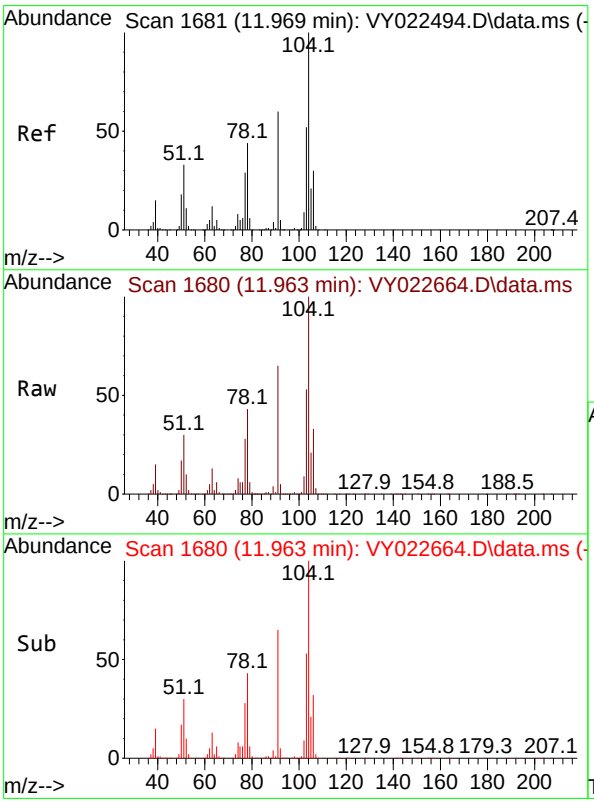
#69
o-Xylene
Concen: 52.894 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 189238

Ion	Ratio	Lower	Upper
106	100		
91	206.9	105.8	317.3

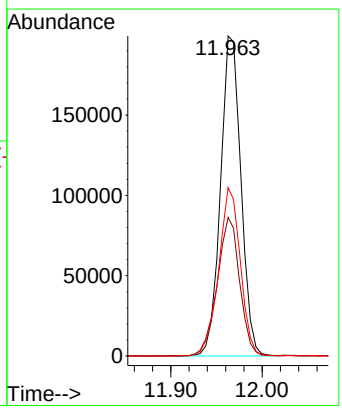


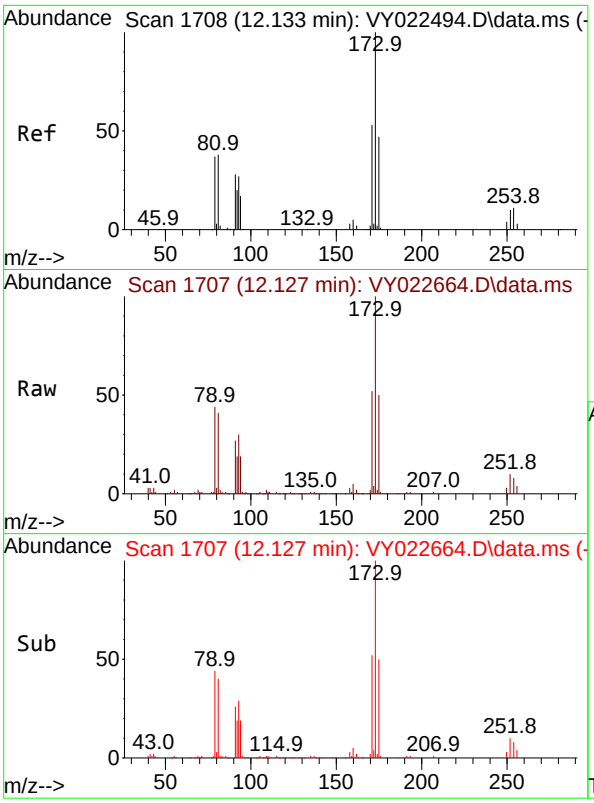


#70
Styrene
Concen: 52.424 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:104 Resp: 310024

Ion	Ratio	Lower	Upper
104	100		
78	47.6	39.5	59.3
103	55.7	44.1	66.1



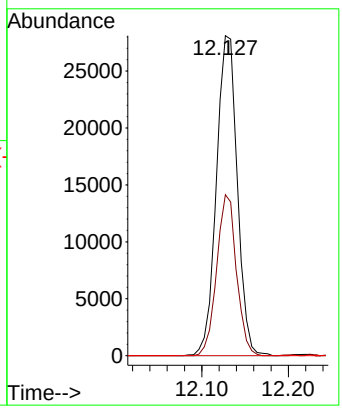


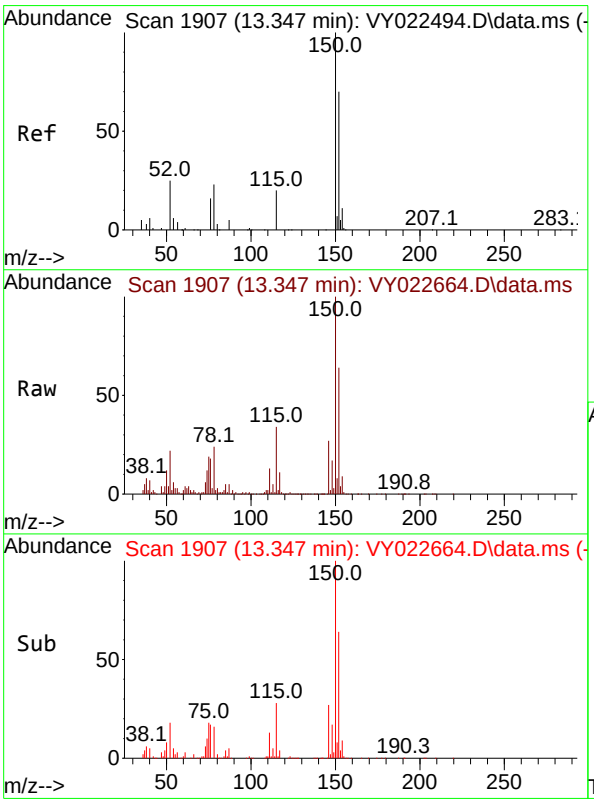
#71
Bromoform
Concen: 48.333 ug/l
RT: 12.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 47022

Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.8	71.5
254	0.0	0.0	0.0

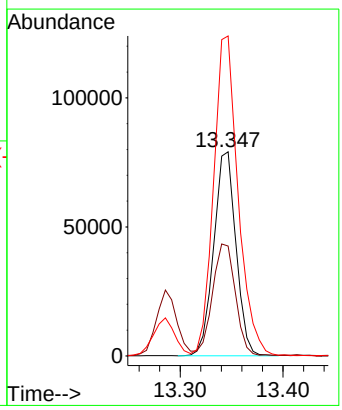


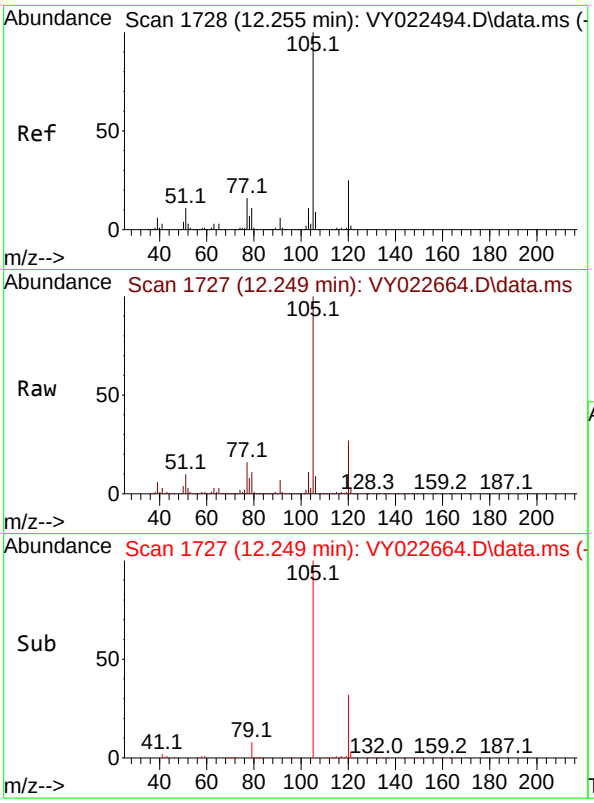


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:152 Resp: 118360

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.9	86.7
150	173.1	0.0	349.6



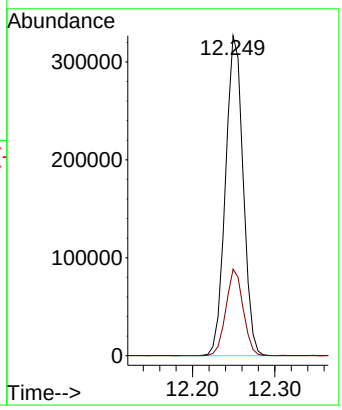


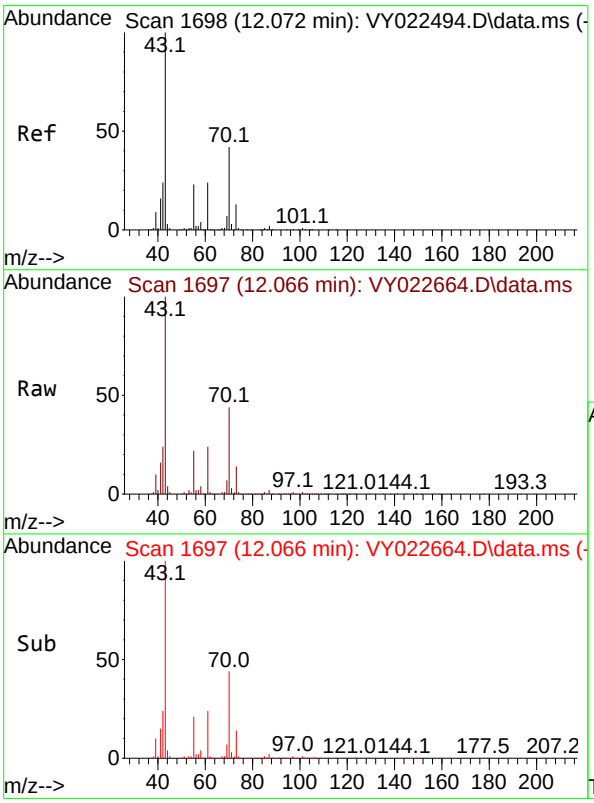
#73
Isopropylbenzene
Concen: 50.210 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 487911

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.0	38.9

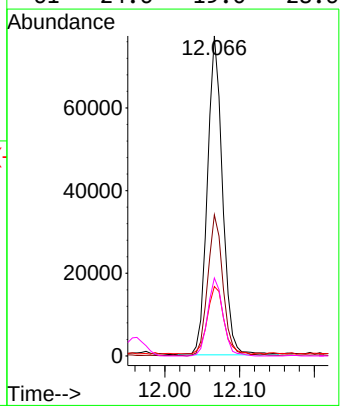


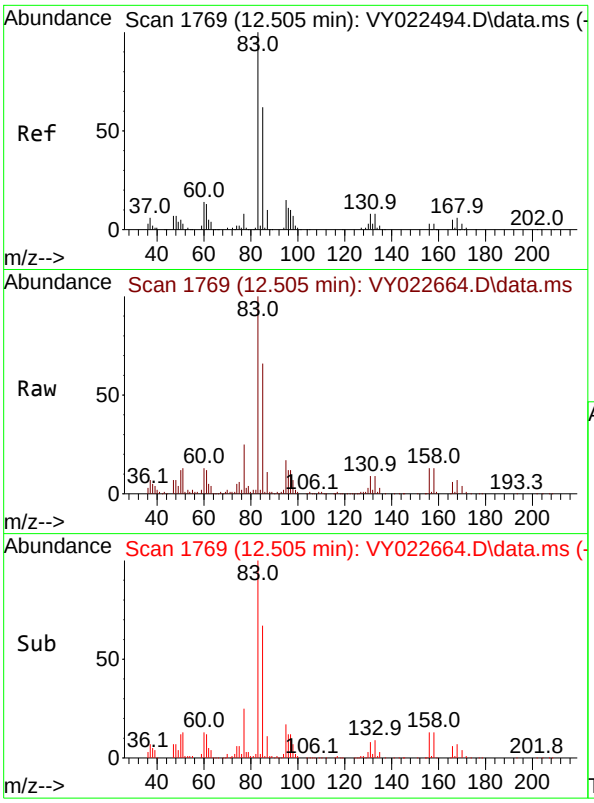


#74
N-amyl acetate
Concen: 44.340 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 43 Resp: 108716

Ion	Ratio	Lower	Upper
43	100		
70	45.0	34.2	51.2
55	23.0	18.2	27.4
61	24.6	19.0	28.6



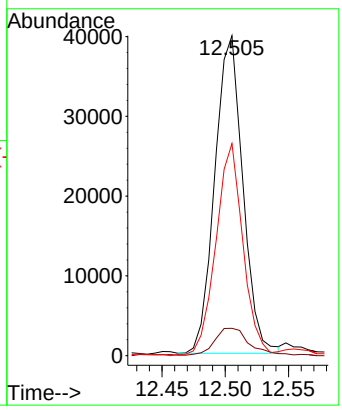


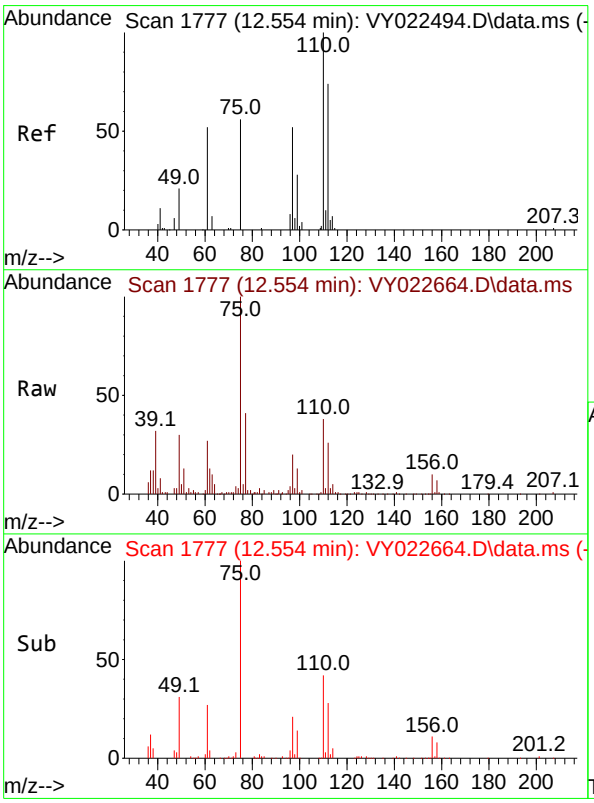
#75
1,1,2,2-Tetrachloroethane
Concen: 38.413 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 61263

Ion	Ratio	Lower	Upper
83	100		
131	11.0	4.9	14.7
85	64.9	32.6	97.8

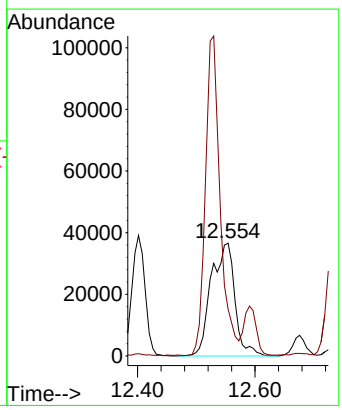


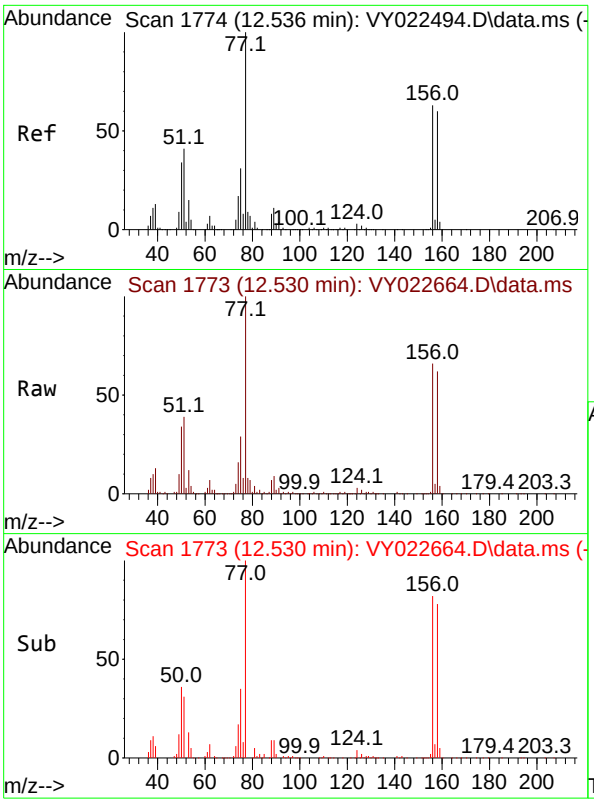


#76
1,2,3-Trichloropropane
Concen: 75.797 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 75 Resp: 102635

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



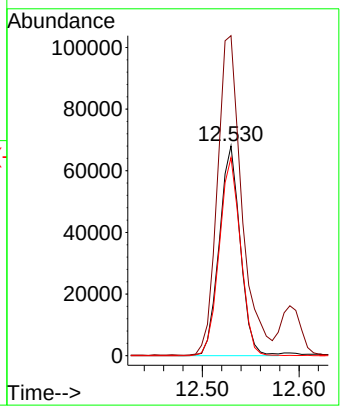


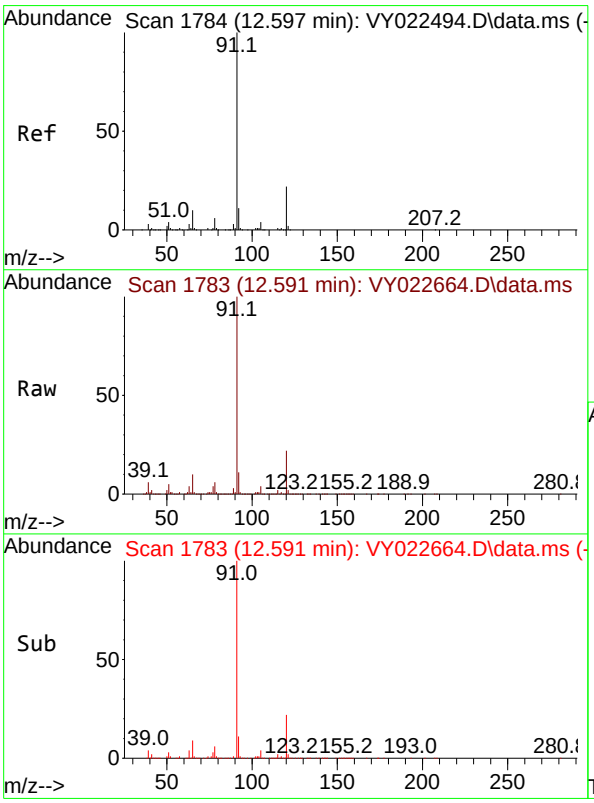
#77
Bromobenzene
Concen: 50.011 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 102552

Ion	Ratio	Lower	Upper
156	100		
77	176.5	94.0	282.1
158	95.4	48.2	144.6

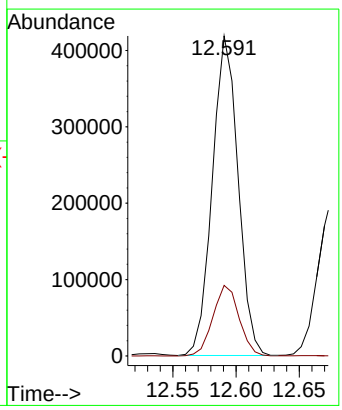


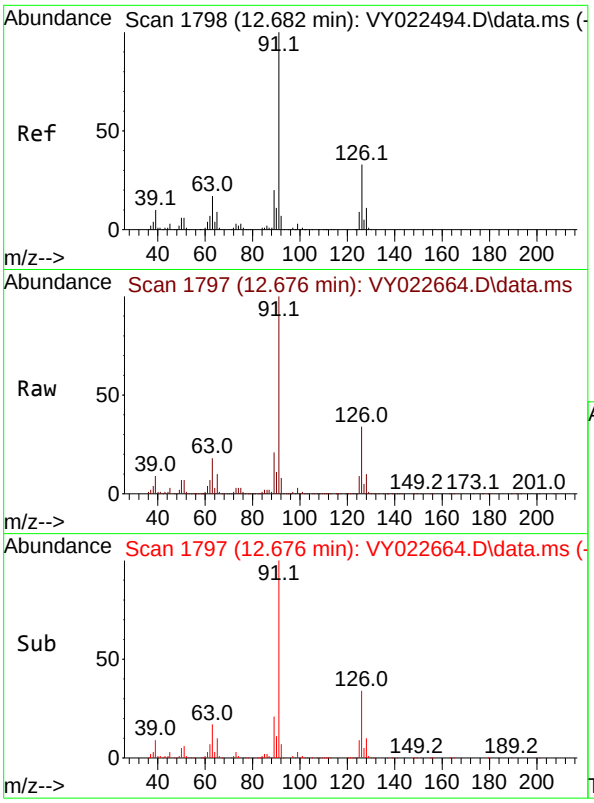


#78
n-propylbenzene
Concen: 49.873 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 91 Resp: 591928

Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.8	32.4



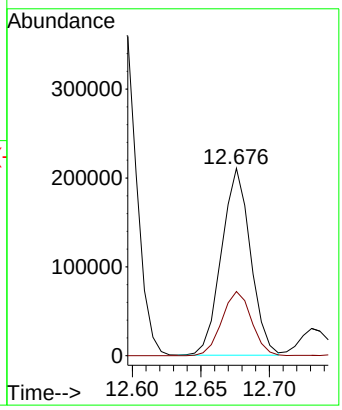


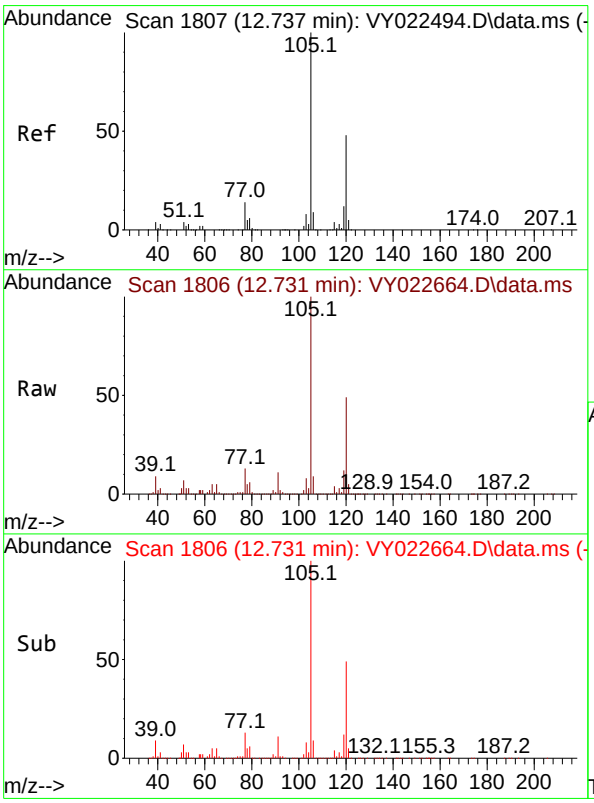
#79
2-Chlorotoluene
Concen: 49.256 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 309843

Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.0	51.0

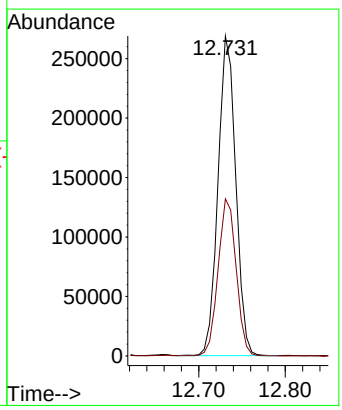


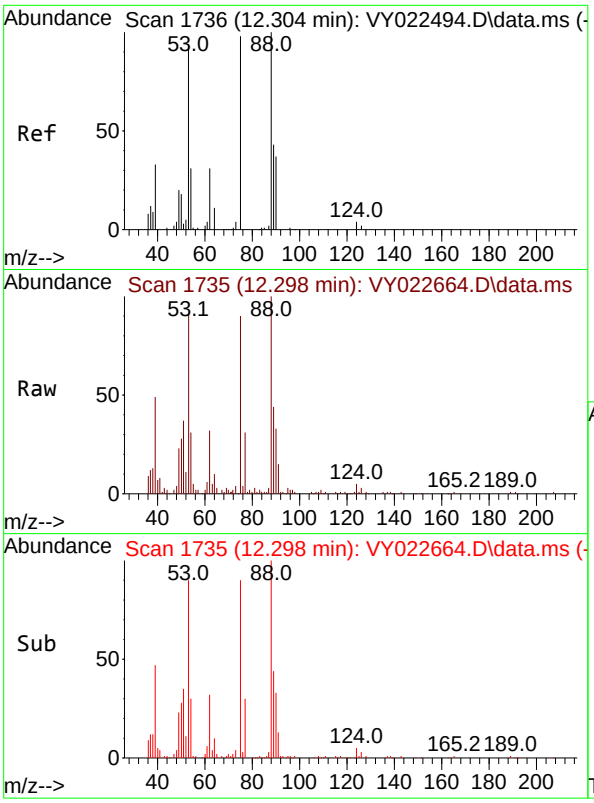


#80
1,3,5-Trimethylbenzene
Concen: 50.055 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:105 Resp: 381869

Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.1	72.4



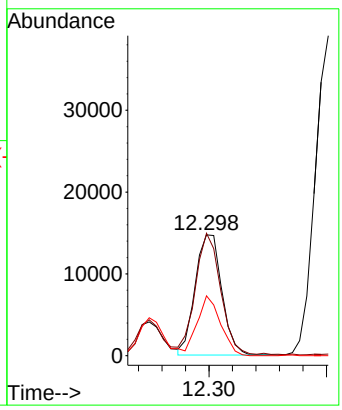


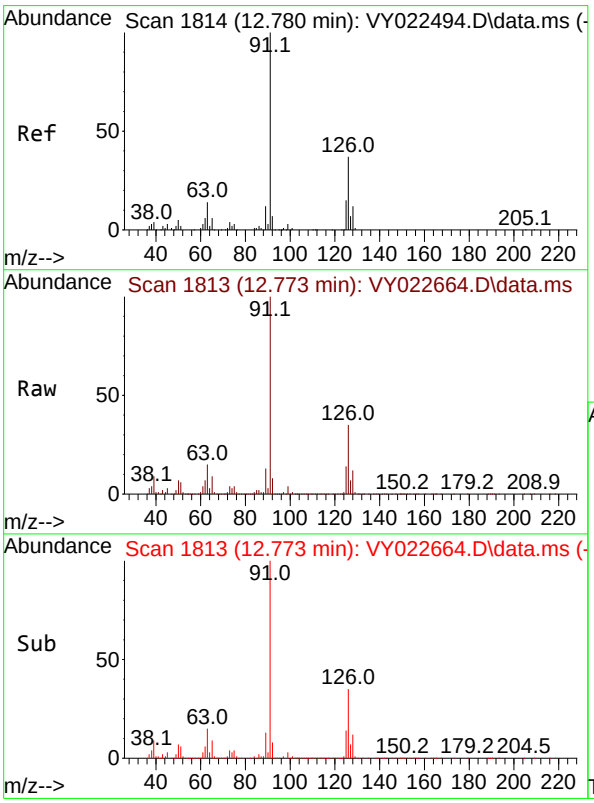
#81
trans-1,4-Dichloro-2-butene
Concen: 41.290 ug/l
RT: 12.298 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 23152

Ion	Ratio	Lower	Upper
75	100		
53	96.2	78.5	117.7
89	43.2	35.7	53.5

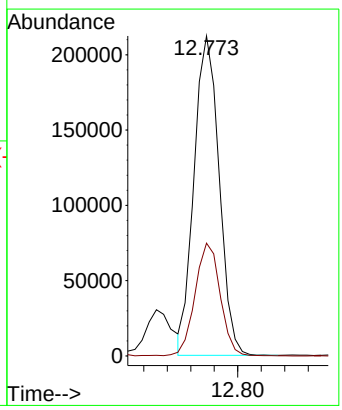


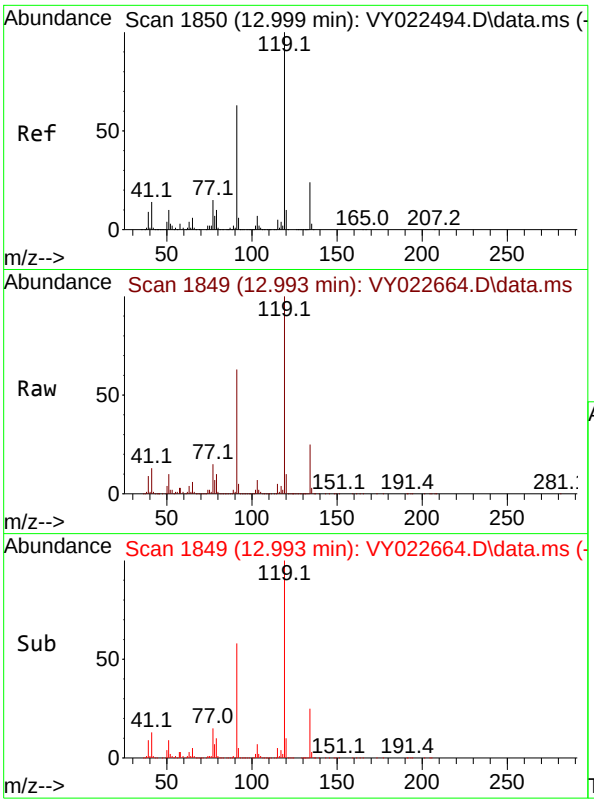


#82
4-Chlorotoluene
Concen: 48.391 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 91 Resp: 314019

Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.0	50.9



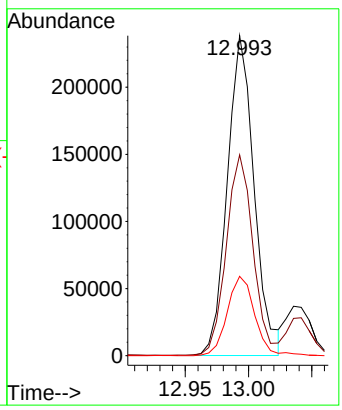


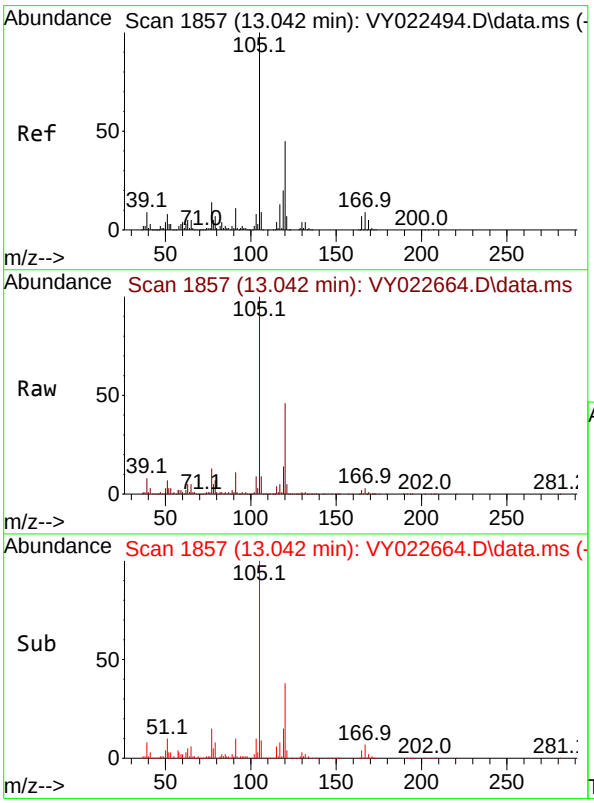
#83
tert-Butylbenzene
Concen: 51.390 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 351878

Ion	Ratio	Lower	Upper
119	100		
91	62.7	32.1	96.3
134	25.5	13.0	38.9

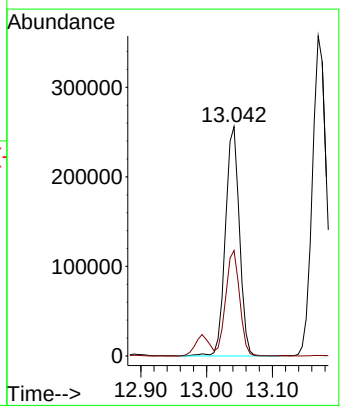


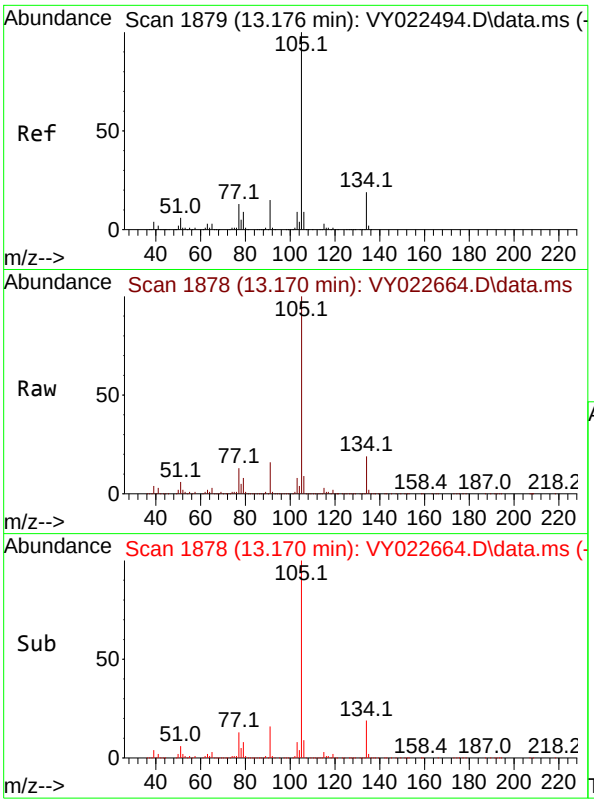


#84
1,2,4-Trimethylbenzene
Concen: 49.775 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:105 Resp: 379800

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.1



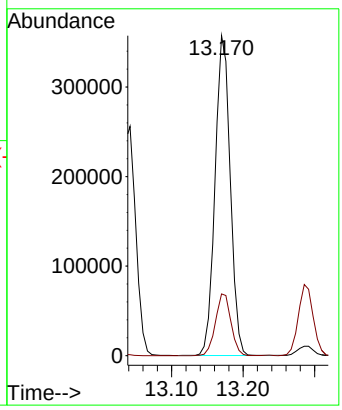


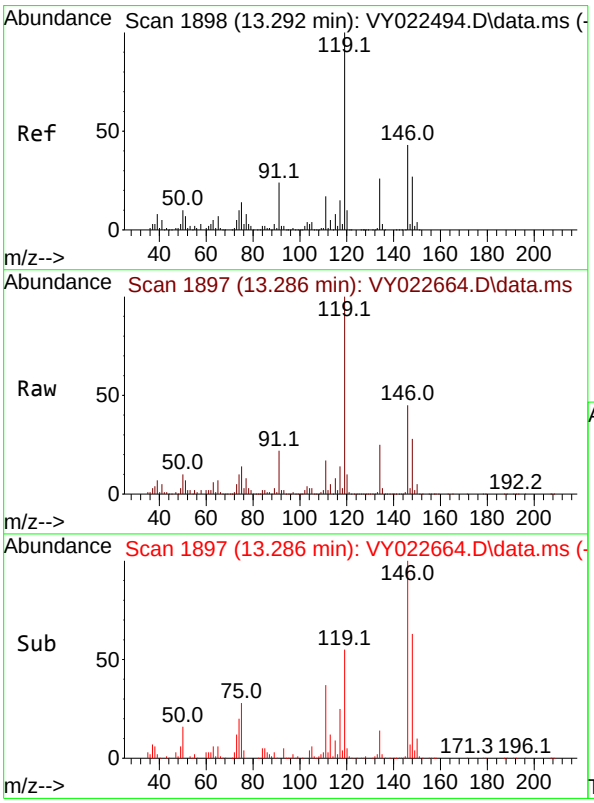
#85
sec-Butylbenzene
Concen: 50.277 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 527233

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	28.9

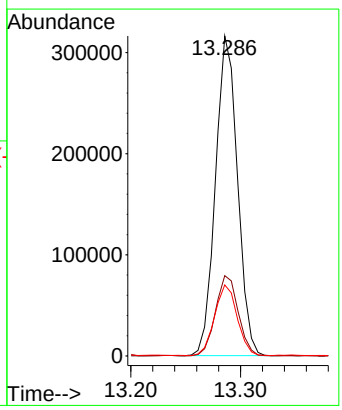


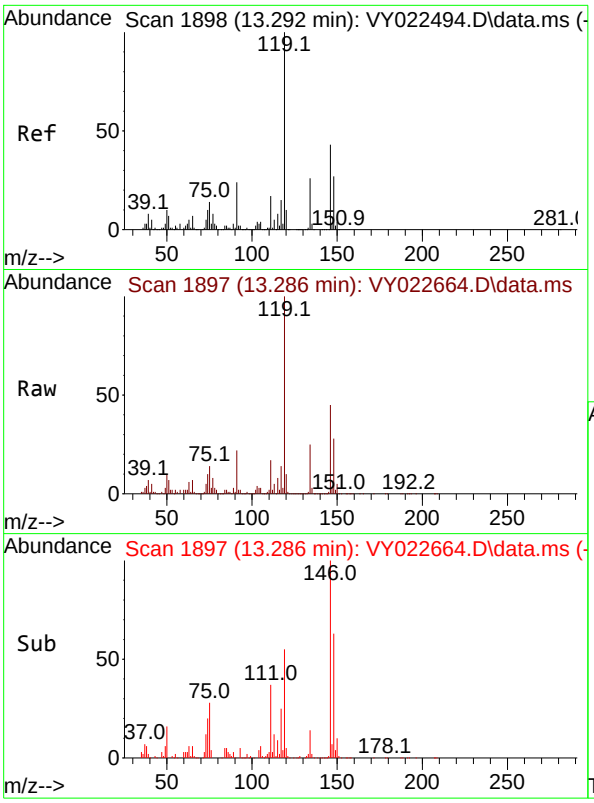


#86
p-Isopropyltoluene
Concen: 51.086 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:119 Resp: 441582

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	22.6	11.6	34.8



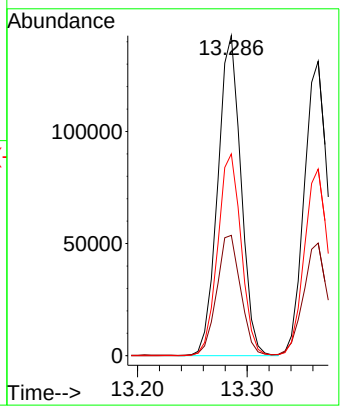


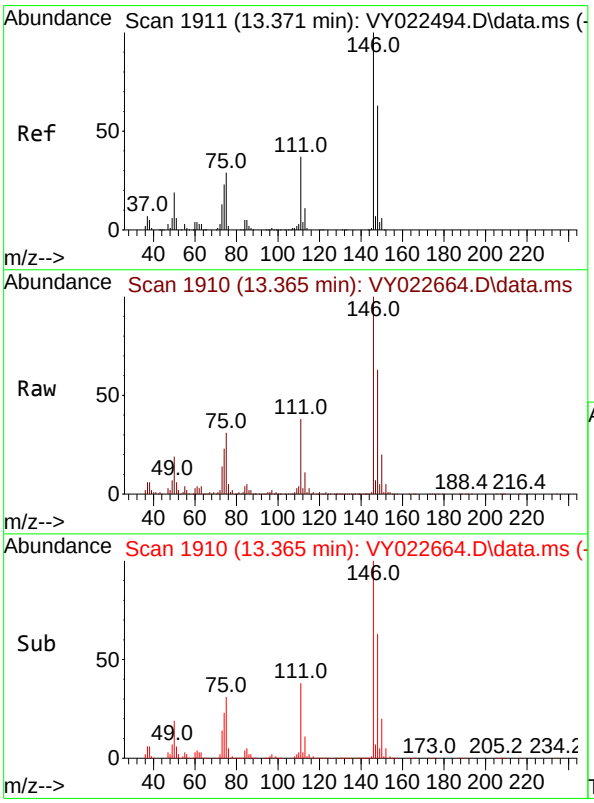
#87
1,3-Dichlorobenzene
Concen: 50.570 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 210101

Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	63.8	32.1	96.3

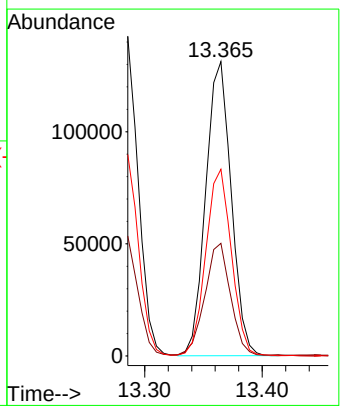


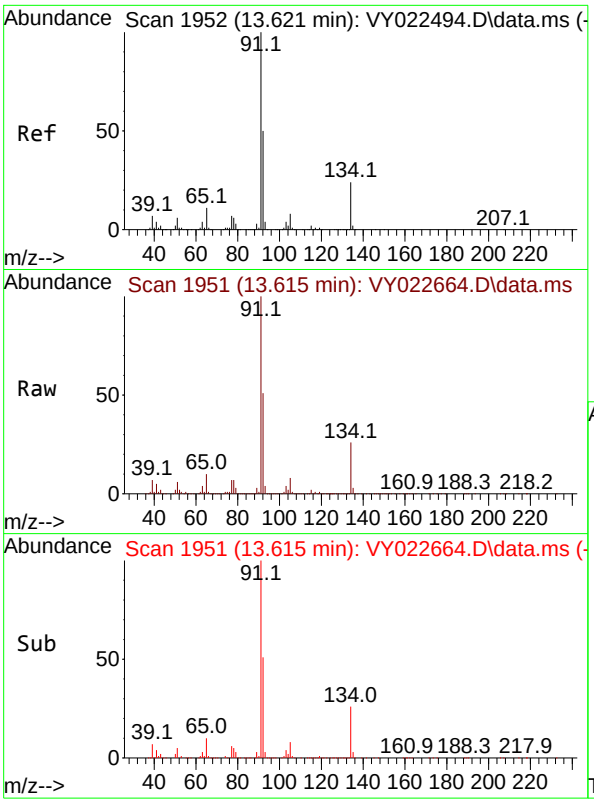


#88
1,4-Dichlorobenzene
Concen: 49.053 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:146 Resp: 197667

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.2
148	64.2	31.6	94.8



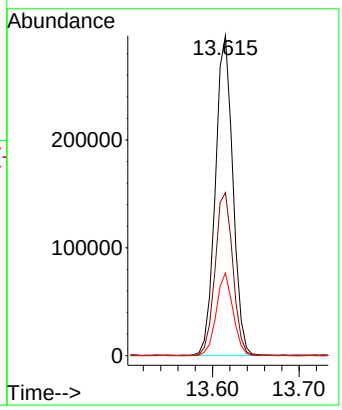


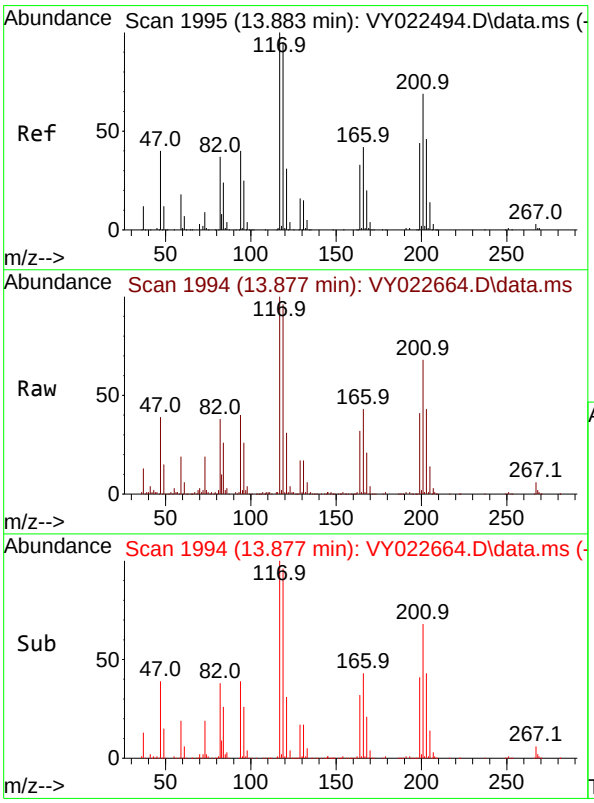
#89
n-Butylbenzene
Concen: 50.596 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 414934

Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	24.9	12.0	36.1

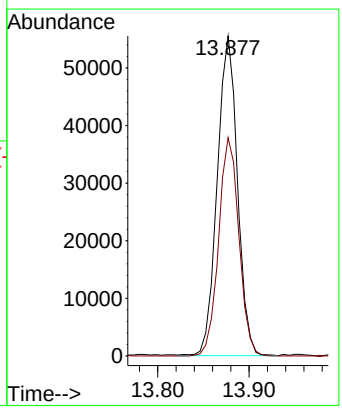


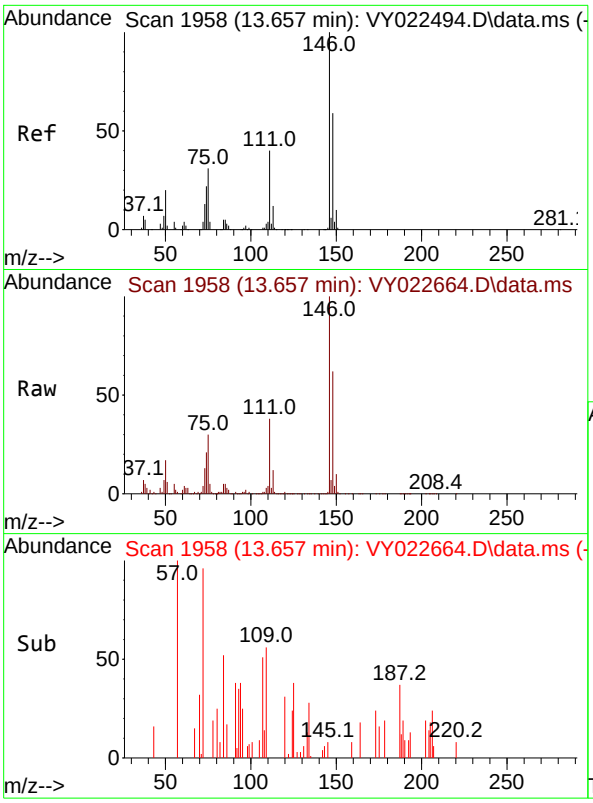


#90
Hexachloroethane
Concen: 50.740 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:117 Resp: 85386

Ion	Ratio	Lower	Upper
117	100		
201	68.4	34.0	102.0



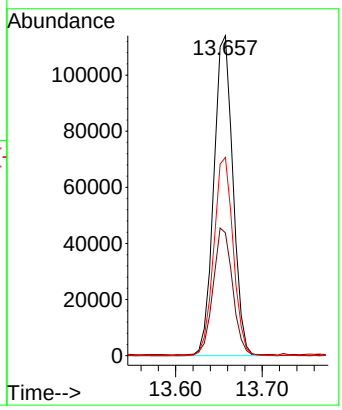


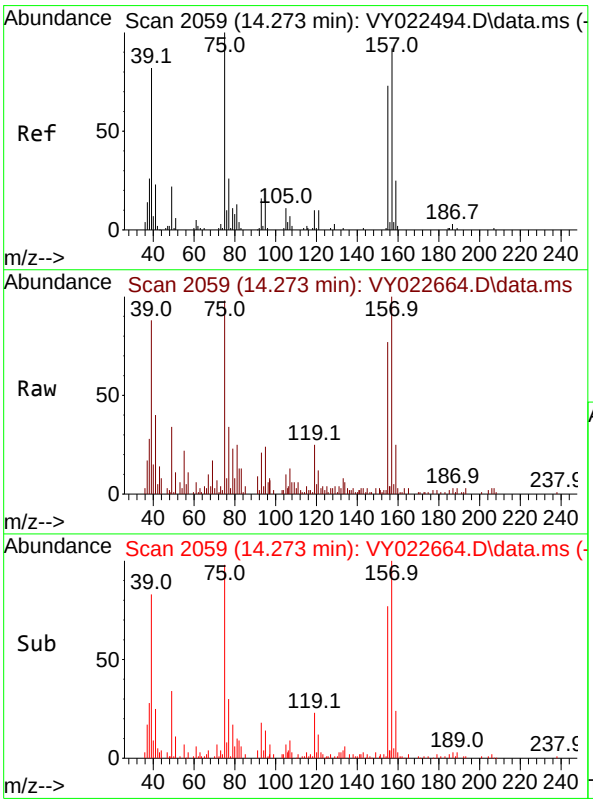
#91
1,2-Dichlorobenzene
Concen: 49.555 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 174803

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.2	60.6
148	63.1	31.4	94.0

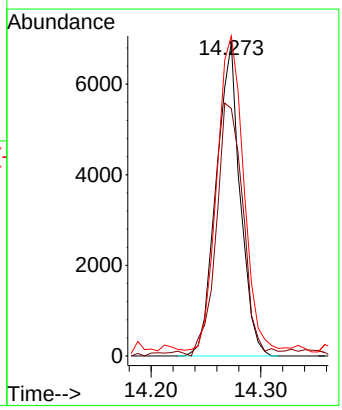


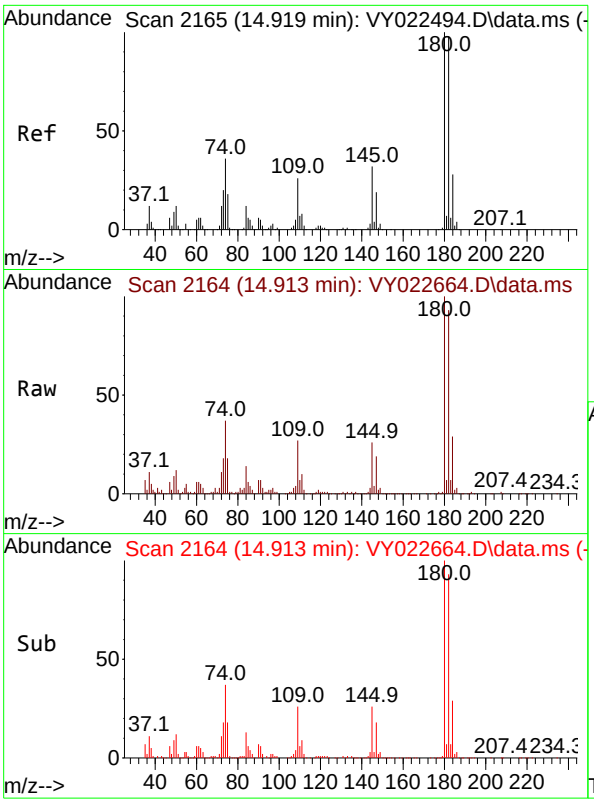


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.142 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion: 75 Resp: 10482

Ion	Ratio	Lower	Upper
75	100		
155	88.5	39.9	119.6
157	111.3	54.0	162.0



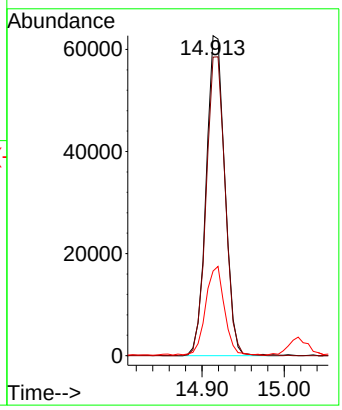


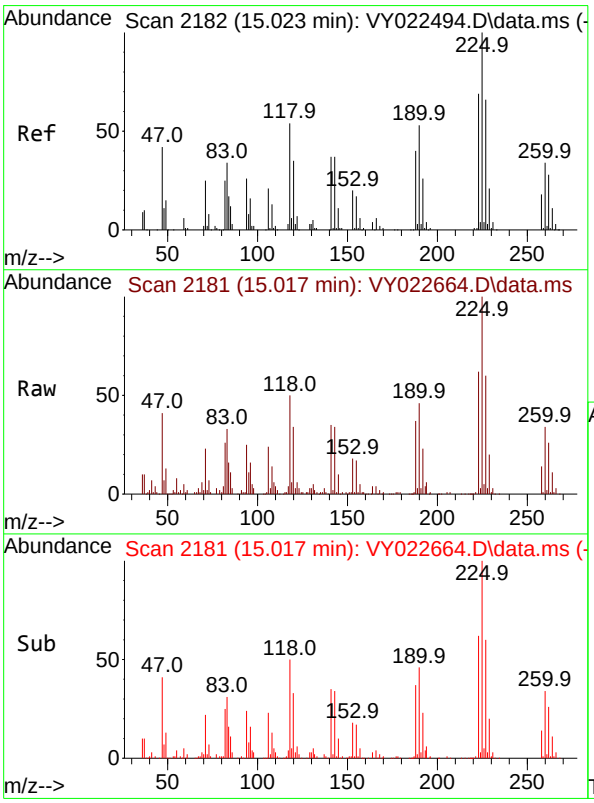
#93
1,2,4-Trichlorobenzene
Concen: 51.112 ug/l
RT: 14.913 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 98333

Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.4	145.3
145	28.2	15.5	46.5

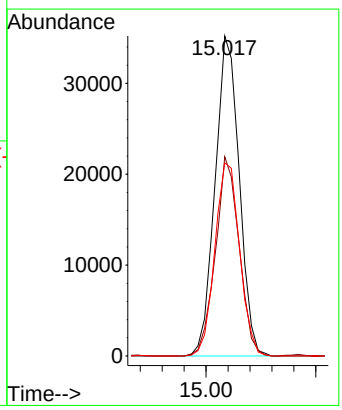


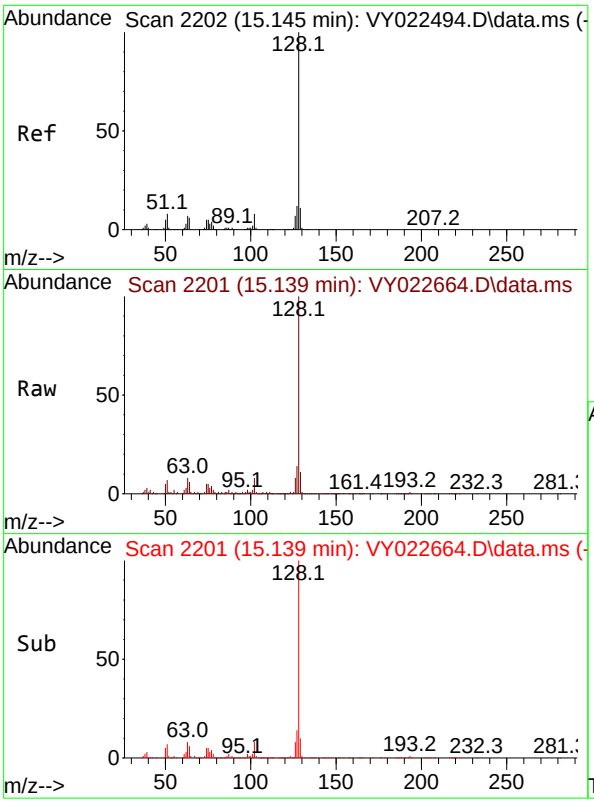


#94
Hexachlorobutadiene
Concen: 50.664 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:225 Resp: 53797

Ion	Ratio	Lower	Upper
225	100		
223	61.0	32.5	97.4
227	61.9	32.3	96.9



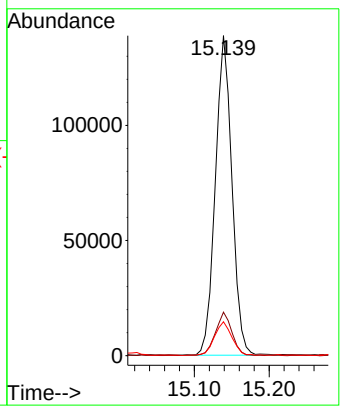


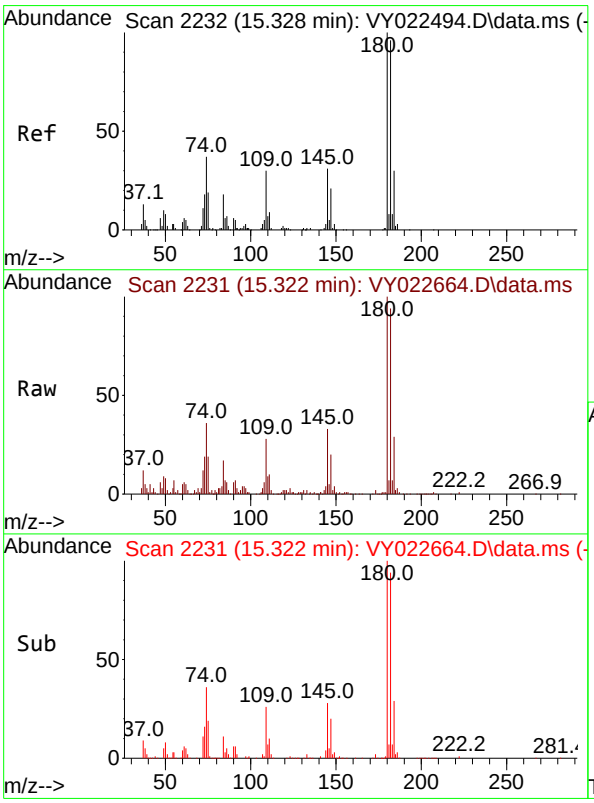
#95
Naphthalene
Concen: 58.089 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 214460

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.1	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 48.472 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY022664.D
Acq: 11 Jun 2025 15:07

Tgt Ion:180 Resp: 79920

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.1	141.3
145	30.4	15.2	45.6